LipidName	standard_ion	ctrl_1	ctrl_2	ctrl_3	ctrl_4
C12SM	C12SM	25000	25000	25000	25000
C17Cer	C17Cer	5000	5000	5000	5000
C17Cer(-H2O)	C17Cer	5000	5000	5000	5000
C8GC	C8GC	1000	1000	1000	1000
C8GC(-H2O)	C8GC	1000	1000	1000	1000
CL68:3_C16:0	CL56:0	62.81	60.77	65.995	62.82
CL68:3_C16:1	CL56:0	148.19	117.85	133.315	124.88
CL68:3_C18:1	CL56:0	343.26	391.87	377.585	495.61
CL68:3_C18:2	CL56:0	NA	NA	NA	NA
CL68:4_C16:0	CL56:0	NA	0.735	4.525	6.24
CL68:4_C16:1	CL56:0	1163.08	1214.76	956.51	899.45
CL68:4_C18:1	CL56:0	1215.73	1292.615	1216.85	1286.62
CL68:4_C18:2	CL56:0	NA	11.995	14.925	10.7
CL68:5_C16:0	CL56:0	NA	NA	NA	NA
CL68:5_C16:1	CL56:0	266.28	277.72	276.53	262.14
CL68:5_C18:1	CL56:0	141.63	105.33	109.32	103.77
CL68:5_C18:2	CL56:0	73.93	74.43	64.6	89.13
CL68:6_C16:1	CL56:0	12.99	14.695	26.09	21.53
CL68:6_C18:2	CL56:0	4.97	3.835	6.76	7.36
CL70:2_C16:0	CL56:0	NA	NA	NA	NA
CL70:2_C18:0	CL56:0	NA	NA	NA	NA
CL70:2_C18:1	CL56:0	24.87	6.51	7.845	8.66
CL70:2_C20:1	CL56:0	NA	NA	NA	NA
CL70:3_C16:0	CL56:0	15.88	27.74	27.685	17.4
CL70:3_C18:1	CL56:0	160.08	229.365	258.275	253.33
CL70:4_C16:0	CL56:0	3.1	1.555	4.52	2.36
CL70:4_C18:1	CL56:0	1311.07	1163.645	1243.71	1307.75
CL70:4_C18:2	CL56:0	12.32	7.225	10.97	9.92
CL70:5_C16:0	CL56:0	NA	NA	NA	NA
CL70:5_C16:1	CL56:0	139.33	120.855	142.065	124.55
CL70:5_C18:1	CL56:0	534.27	413.98	416.785	432.2
CL70:5_C18:2	CL56:0	166.26	86.275	141.82	120.7
CL70:6_C16:0	CL56:0	NA	NA	NA	NA
CL70:6_C16:1	CL56:0	29.41	31.845	31.975	30.04
CL70:6_C18:1	CL56:0	30.43	45.14	40.03	32.17
CL70:6_C18:2	CL56:0	46.51	34.58	32.17	18.39
CL70:7_C16:1	CL56:0	NA	14.715	9.775	5.1
CL70:7_C18:2	CL56:0	NA	0.885	NA	NA
CL72:10_C16:1	CL56:0	NA	NA	NA	NA
CL72:10_C20:4	CL56:0	NA	NA	NA	NA
CL72:11_C16:1	CL56:0	NA	NA	NA	NA
CL72:11_C18:2	CL56:0	NA	NA	NA	NA
CL72:11_C20:4	CL56:0	NA	NA	NA	NA
CL72:11_C22:6	CL56:0	NA	NA	NA	NA
CL72:4_C18:1	CL56:0	238.9	220.325	231.99	190.62

CL72:5_C18:0	CL56:0	NA	NA	NA	NA	
CL72:5_C18:1	CL56:0	224.16	172.25	177.87	177.57	
CL72:5_C18:2	CL56:0	12.99	17.085	21.87	38.57	
CL72:6_C18:1	CL56:0	37.19	43.985	56.895	46.69	
CL72:6_C18:2	CL56:0	14.78	12.29	15.79	14.98	
CL72:7_C18:1	CL56:0	NA	8.275	12.345	8.52	
CL72:7_C18:2	CL56:0	NA	2.275	1.025	NA	
CL72:8_C18:2	CL56:0	NA	NA	NA	NA	
CL72:9_C16:0	CL56:0	NA	NA	NA	NA	
CL72:9_C16:1	CL56:0	NA	NA	NA		3.87
CL72:9_C18:2	CL56:0	NA	NA	NA	NA	
CL72:9_C18:3	CL56:0	NA	NA	NA	NA	
CL72:9_C20:4	CL56:0	NA	NA	NA	NA	
CL74:10_C16:0	CL56:0	NA	NA	NA	NA	
CL74:10_C16:1	CL56:0	NA	NA	NA	NA	
CL74:10_C18:1	CL56:0	NA	NA	NA	NA	
CL74:10_C18:2	CL56:0	NA	NA	NA	NA	
CL74:10_C20:3	CL56:0	NA	NA	NA	NA	
CL74:10_C20:4	CL56:0	NA	NA	NA	NA	
CL74:10_C22:6	CL56:0	NA	NA	NA	NA	
CL74:5_C18:1	CL56:0	NA	NA	NA	NA	
CL74:5_C18:2	CL56:0	NA	NA	NA	NA	
CL74:5_C20:1	CL56:0	NA	NA	NA	NA	
CL74:6_C18:1	CL56:0	NA	NA	0.76	NA	
CL74:6_C18:2	CL56:0	NA	NA	NA	NA	
CL74:6_C20:1	CL56:0	NA	NA	NA	NA	
CL74:6_C20:2	CL56:0	NA	NA	NA	NA	
CL74:7_C18:1	CL56:0	NA	NA	3.055	NA	
CL74:7_C18:2	CL56:0	NA	NA	NA	NA	
CL74:7_C20:1	CL56:0	NA	NA	NA	NA	
CL74:7_C20:2	CL56:0	NA	NA	NA	NA	
CL74:8_C18:2	CL56:0	NA	NA	NA	NA	
CL74:8_C20:2	CL56:0	NA	NA	NA	NA	
CL74:9_C18:1	CL56:0	NA	NA	1.885	NA	
CL74:9_C18:2	CL56:0	NA	NA	NA	NA	
CL74:9_C20:3	CL56:0	NA	NA	NA	NA	
CL74:9_C20:4	CL56:0	NA	NA	NA	NA	
CL76:10_C18:1	CL56:0	NA	NA	NA	NA	
CL76:10_C18:2	CL56:0	NA	NA	NA	NA	
CL76:10_C20:3	CL56:0	NA	NA	NA	NA	
CL76:10_C20:4	CL56:0	NA	NA	NA	NA	
CL76:10_C22:5	CL56:0	NA	NA	NA	NA	
CL76:10_C22:6	CL56:0	NA	NA	NA	NA	
CL76:11_C18:1	CL56:0	NA	NA	NA	NA	
CL76:11_C18:2	CL56:0	NA	NA	NA	NA	
CL76:11_C22:5	CL56:0	NA	NA	NA	NA	

CL76:11_C22:6	CL56:0	NA	NA	NA	NA	
CL76:12_C18:2	CL56:0	NA	NA	NA	NA	
CL76:12_C22:6	CL56:0	NA	NA	NA	NA	
CL76:9_C18:0	CL56:0	NA	NA	NA	NA	
CL76:9_C18:1	CL56:0	NA	NA	NA	NA	
CL76:9_C18:2	CL56:0	NA	NA	NA	NA	
CL76:9_C20:1	CL56:0	NA	NA	NA	NA	
CL76:9_C20:4	CL56:0	NA	NA	NA	NA	
CL76:9_C22:6	CL56:0	NA	NA	NA	NA	
CL78:12_C18:1	CL56:0	NA	NA	NA	NA	
CL78:12_C18:2	CL56:0	NA	NA	NA	NA	
CL78:12_C20:2	CL56:0	NA	NA	NA	NA	
CL78:12_C20:3	CL56:0	NA	NA	NA	NA	
CL78:12_C22:6	CL56:0	NA	NA	NA	NA	
CL78:13_C18:2	CL56:0	NA	NA	NA	NA	
CL78:13_C20:3	CL56:0	NA	NA	NA	NA	
CL78:13_C22:6	CL56:0	NA	NA	NA	NA	
CL78:14_C18:2	CL56:0	NA	NA	NA	NA	
CL78:14_C20:4	CL56:0	NA	NA	NA	NA	
CL78:14_C22:6	CL56:0	NA	NA	NA	NA	
CL78:15_C18:2	CL56:0	NA	NA	NA	NA	
CL78:15_C18:3	CL56:0	NA	NA	NA	NA	
CL78:15_C20:4	CL56:0	NA	NA	NA	NA	
CL78:15_C22:6	CL56:0	NA	NA	NA	NA	
CL80:14_C18:2	CL56:0	NA	NA	NA	NA	
CL80:14_C22:6	CL56:0	NA	NA	NA	NA	
Cer32:1	C17Cer	0.99	NA	1.15	4.155	
Cer32:1(-H2O)	C17Cer	24.39	27.415	23.225	25.09	
Cer32:2	C17Cer	NA	NA	0.9	NA	
Cer34:1	C17Cer	37.735	32.16	38.41	46.69	
Cer34:1(-H2O)	C17Cer	134.25	180.415	165.44	141.18	
Cer36:1	C17Cer	1.97	NA	3.835	1.79	
Cer36:1(-H2O)	C17Cer	22.15	31.085	26.41	30.535	
Cer36:2	C17Cer	3.99	NA	4.485	NA	
Cer38:1	C17Cer	1.27	NA	NA	1.735	
Cer38:1(-H2O)	C17Cer	16.155	15.855	20.545	19.645	
Cer38:2	C17Cer	0.735	NA	3.19	1.665	
Cer40:1	C17Cer	20.01	21.165	14.62	21.43	
Cer40:1(-H2O)	C17Cer	109.72	177.875	155.75	168.355	
Cer40:2	C17Cer	86.55	75.61	96.005	112.175	
Cer40:2(-H2O)	C17Cer	145.095	175.2	180.325	209.755	
Cer42:1	C17Cer	107.055	100.935	113.615	160.655	
Cer42:1(-H2O)	C17Cer	445.38	443.295	398.675	474.87	
Cer42:2	C17Cer	1809.41	1548.085	1760.255	2130.875	
Cer42:2(-H2O)	C17Cer	2105.305	2527.455	1912.15	2428.635	
Cer44:1	C17Cer	NA	NA	NA	NA	

Cer44:1(-H2O)	C17Cer	9.605	8.75	14.815	14.44
Cer44:2	C17Cer	10.695	21.31	23.725	19.12
Cer44:2(-H2O)	C17Cer	77.375	103.865	88.505	94.47
CerP32:1	C17Cer	11.11	10.42	19.44	14
CerP34:1(-H2O)	C17Cer	11.015	13.04	16.195	13.49
CerP36:1	C17Cer	264.055	237.08	317.42	215.915
CerP36:1(-H2O)	C17Cer	45.17	53.4	58.13	58.72
CerP38:1	C17Cer	6.425	2.085	9.46	6.25
CerP38:1(-H2O)	C17Cer	10.59	8.035	8.045	12.75
CerP42:1(-H2O)	C17Cer	1.09	0.69	1.28	1.27
DHCer28:1(-H2(	C17Cer	9.17	11.845	9.34	7.065
DHCer30:1	C17Cer	NA	NA	0.94	NA
DHCer32:1	C17Cer	0.705	NA	1.175	NA
DHCer34:0(-H2(	C17Cer	5	3.905	3.585	5.01
DHCer36:0	C17Cer	NA	NA	NA	NA
DHCer36:0(-H2(	C17Cer	2.195	1.64	3.515	4.42
DHCer38:1(-H2(	C17Cer	2.385	0.59	2.01	1.905
DHCer40:0(-H2(	C17Cer	14.175	8.575	15.005	18.615
DHCer40:1(-H2(	C17Cer	9.47	9.14	11.89	11.305
DHCer42:0(-H2(	C17Cer	30.79	24.23	22.78	32.345
DHCer42:1	C17Cer	5.39	9.92	6.01	6.56
DHCer42:1(-H2(	C17Cer	122.655	118.08	144.76	165.98
DHCer44:1(-H2(	C17Cer	8.32	2.625	5.52	9.67
DLPC	DLPC	4000	4000	4000	4000
GlcCer28:1	C8GC	388.785	664.715	431.31	335.39
GlcCer28:1(-H2(	C8GC	4.085	4.97	5.18	4.53
GlcCer28:2(-H2(	C8GC	0.965	0.53	0.75	0.4
GlcCer30:1(-H2(	C8GC	7.78	5.995	5.905	6.41
GlcCer30:2(-H2(	C8GC	2.185	2.39	3.075	3.185
GlcCer32:1(-H2(	C8GC	7.275	9.66	6.31	9.135
GlcCer32:2(-H2(	C8GC	2.6	2.265	3.765	2.145
GlcCer34:1(-H2(	C8GC	58.86	77.95	44.215	72.18
GlcCer34:2(-H2(	C8GC	0.9	0.57	0.9	1.215
GlcCer36:1(-H2(	C8GC	14.655	22.565	13.69	16.085
GlcCer36:2(-H2(	C8GC	2.045	0.645	1.545	1.17
GlcCer38:1(-H2(	C8GC	7.4	7.275	4.075	6.78
GlcCer38:2(-H2(	C8GC	5.54	3.465	2.29	5.085
GlcCer40:1(-H2(	C8GC	99.02	119.47	68.775	86.285
GlcCer40:2(-H2(	C8GC	62.83	88.17	53.08	75.75
GlcCer42:1(-H2(	C8GC	172.435	208.385	118.525	193.98
GlcCer42:2(-H2(	C8GC	795.86	912.41	533.76	727.35
GlcCer44:2(-H2(	C8GC	19.24	20.005	18.14	19.515
GlcDHCer28:0(-	C8GC	0.505	0.44	1.32	1.285
GlcDHCer36:0(-	C8GC	0.47	0.81	1.805	0.24
GlcDHCer38:0(-	C8GC	0.27	NA	1.22	0.295
GlcDHCer40:0(-	C8GC	0.68	1.56	0.73	1.3

GlcDHCer40:1(-	C8GC	2.985	2.5	1.36	1.115
GlcDHCer42:0(-	C8GC	1.5	2.815	1.55	2.555
GlcDHCer42:1(-	C8GC	10.245	12.465	8.045	12.45
LysoPC14:0	DLPC	5.295	5.095	5.115	7.03
LysoPC14:1	DLPC	0.595	0.3	0.38	0.545
LysoPC14:2	DLPC	0.18	0.16	0.15	0.16
LysoPC16:0	DLPC	56.475	57.055	59.595	66.75
LysoPC16:1	DLPC	17.945	17.85	18.67	20.06
LysoPC16:2	DLPC	0.495	0.64	0.465	0.82
LysoPC18:0	DLPC	26.38	25.86	26.49	36.025
LysoPC18:1	DLPC	68.52	69.98	70.88	79.985
LysoPC18:2	DLPC	1.045	0.95	1.285	1.275
LysoPC20:0	DLPC	1.155	1.275	1.06	1.88
LysoPC20:1	DLPC	22.56	19.635	20.85	26.035
LysoPC20:2	DLPC	2.505	2.13	2.415	3.25
LysoPC22:0	DLPC	2.54	1.665	2.29	2.685
LysoPC22:1	DLPC	1.26	1.005	0.975	1.825
LysoPC22:2	DLPC	0.565	0.55	0.52	0.935
LysoPE14:0	PE31:1	3.095	3.775	4.89	6.105
LysoPE14:1	PE31:1	NA	1.45	1.84	3.495
LysoPE14:2	PE31:1	NA	NA	NA	NA
LysoPE16:0	PE31:1	83.43	80.27	91.505	103.585
LysoPE16:1	PE31:1	34.085	36.095	49.69	56.685
LysoPE16:2	PE31:1	NA	NA	NA	NA
LysoPE18:0	PE31:1	44.59	52.07	52.64	75.005
LysoPE18:1	PE31:1	237.81	232.365	294.655	355.835
LysoPE18:2	PE31:1	6.8	8.215	10.17	15.54
LysoPE20:0	PE31:1	0.945	NA	1.88	1.92
LysoPE20:1	PE31:1	48.72	52.37	69.7	95.49
LysoPE20:2	PE31:1	1.685	2.65	4.83	7.795
LysoPE22:0	PE31:1	NA	2.015	1.6	4.43
LysoPE22:1	PE31:1	0.72	2.365	2.91	4.535
LysoPE22:2	PE31:1	NA	0.645	1.75	3.96
LysoPI14:0	PI31:1	NA	NA	NA	NA
LysoPI14:1	PI31:1	NA	1.515	0.825	0.8
LysoPI14:2	PI31:1	NA	NA	NA	NA
LysoPI16:0	PI31:1	5.09	6.905	4.625	3.85
LysoPI16:1	PI31:1	9.03	14.775	9.785	10.69
LysoPI16:2	PI31:1	NA	NA	NA	NA
LysoPI18:0	PI31:1	84.81	110.475	85.435	103.58
LysoPI18:1	PI31:1	137.68	127.655	123.29	153.95
LysoPI18:2	PI31:1	1.4	1.83	0.905	0.76
LysoPI20:0	PI31:1	NA	NA	NA	NA
LysoPI20:1	PI31:1	5.3	3.15	5.235	3.5
LysoPI20:2	PI31:1	3.7	7.015	7.605	5.21
LysoPI22:0	PI31:1	2.25	4.155	1.935	0.93

LysoPI22:1	PI31:1	NA		0.81		0.905	NA
LysoPI22:2	PI31:1		2.21		1.83		0.86		0.72
LysoPS14:0	PS31:1	NA		0.075	NA			0.2
LysoPS14:1	PS31:1		6.465		15.89		11.74		16.91
LysoPS14:2	PS31:1	NA		NA		NA		NA
LysoPS16:0	PS31:1		0.71		1.65		1.585		3.87
LysoPS16:1	PS31:1		0.25		0.975		0.835		1.23
LysoPS16:2	PS31:1	NA		NA		NA		NA
LysoPS18:0	PS31:1		4.87		7.225		6.105		8.71
LysoPS18:1	PS31:1		15.815		24.3		24.195		24.57
LysoPS18:2	PS31:1	NA		NA		NA		NA
LysoPS20:0	PS31:1	NA		NA		NA		NA
LysoPS20:1	PS31:1	NA		0.115		0.085		0.58
LysoPS20:2	PS31:1	NA		NA		NA		NA
LysoPS22:0	PS31:1	NA		NA		NA		NA
LysoPS22:1	PS31:1	NA		NA		0.265		0.16
LysoPS22:2	PS31:1	NA		NA		NA		NA
PC(O-)30:0	DLPC		6420.025		6800.99		6432.655		6728.645
PC(O-)30:1	DLPC		1347.165		1446.95		1344.88		1358.215
PC(O-)30:2	DLPC		38.21		38.46		42.52		41.805
PC(O-)30:3	DLPC		4.255		3.895		4.61		4.57
PC(O-)30:4	DLPC		2.415		2.61		2.005		4.085
PC(O-)30:5	DLPC		2.78		3.845		3.555		5.085
PC(O-)30:6	DLPC		97.825		98.565		106.33		111.32
PC(O-)32:0	DLPC		31278.585		29293.05		33213.73		27849.37
PC(O-)32:1	DLPC		27375.635		28211		29945.45		25870.53
PC(O-)32:2	DLPC		3074.765		2981.095		3129.32		2932.235
PC(O-)32:3	DLPC		54.63		55.71		58.995		52.795
PC(O-)32:4	DLPC		9.43		10.445		9.37		10.805
PC(O-)32:5	DLPC		22.255		24.7		23.535		26.05
PC(O-)32:6	DLPC		1347.43		1357.3		1430.31		1228.2
PC(O-)34:0	DLPC		10985.96		10016.355		10026.7		9761.08
PC(O-)34:1	DLPC		79862.085		73945.065		76940.99		79797.375
PC(O-)34:2	DLPC		16429.535		17698.145		17475.36		17675.415
PC(O-)34:3	DLPC		1272.62		1348.88		1266.96		1300.235
PC(O-)34:4	DLPC		41.215		48.08		48.46		49.075
PC(O-)34:5	DLPC		61.78		62.875		62.56		67.33
PC(O-)36:0	DLPC		804.82		782.965		849.305		837.78
PC(O-)36:1	DLPC		6928.525		6960.785		7501.675		7438.87
PC(O-)36:2	DLPC		16044.715		14811.015		16498.615		16300.695
PC(O-)36:3	DLPC		3371.88		3257.255		3682.695		3684.43
PC(O-)36:4	DLPC		1830.1		1958.855		2033.485		1919.37
PC(O-)36:5	DLPC		1050.915		1097.045		1136.4		1052.415
PC(O-)36:6	DLPC		471.91		456.745		472.96		428.385
PC(O-)38:1	DLPC		617.29		543.62		528.55		560.755
PC(O-)38:2	DLPC		1718.14		1631.685		1463.465		1501.29

PC(O-)38:3	DLPC	527.165	485.87	522.505	540.515
PC(O-)38:4	DLPC	956.345	956.2	1053.355	961.915
PC(O-)38:5	DLPC	3104.39	3221.965	3677.22	3539.89
PC(O-)38:6	DLPC	2480.465	2413.625	2786.01	2499.22
PC(O-)40:2	DLPC	170.9	163.19	146.035	140.14
PC(O-)40:3	DLPC	106.27	114.205	113.86	118.45
PC(O-)40:4	DLPC	114.335	116.72	127.975	106.825
PC(O-)40:5	DLPC	365.19	366.855	398.425	349.52
PC(O-)40:6	DLPC	1062.185	1158.725	1175.26	1091.125
PC(O-)42:1	DLPC	19.57	23.245	22.465	21.45
PC(O-)42:2	DLPC	32.495	34.715	34.845	32.395
PC(O-)42:3	DLPC	39.12	45.025	46.93	58.03
PC(O-)42:4	DLPC	34.45	40.265	43.3	41.15
PC(O-)42:5	DLPC	45.255	54.33	56.22	49.565
PC(O-)42:6	DLPC	66.36	73.015	76.06	70.62
PC(O-)44:1	DLPC	5.33	5.555	6.005	5.67
PC(O-)44:2	DLPC	8.995	9.55	11.055	12.5
PC(O-)44:3	DLPC	13.395	17.475	16.685	31.86
PC(O-)44:4	DLPC	14.27	14.98	15.555	14.15
PC(O-)44:5	DLPC	16.605	20	21.415	19.795
PC(O-)44:6	DLPC	16.295	16.285	19.59	17.845
PC28:0	DLPC	2138.715	2085.945	2097.295	2225.09
PC28:1	DLPC	422.91	338.215	368.56	443.615
PC28:2	DLPC	10.3	8.77	9.555	13.065
PC28:3	DLPC	0.84	0.86	0.665	1.29
PC28:4	DLPC	0.7	0.72	0.485	0.995
PC28:5	DLPC	1.13	1.29	1.23	3.575
PC28:6	DLPC	20.675	18.625	16.26	37.87
PC30:0	DLPC	31777.02	28936.895	31963.575	27929.06
PC30:1	DLPC	12064.19	11922.82	11083.11	11388.26
PC30:2	DLPC	222.86	221.37	211.28	218.705
PC30:3	DLPC	8.66	8.52	9.305	9.295
PC30:4	DLPC	6.065	4.69	5.41	6.755
PC30:5	DLPC	7.54	7.79	7.32	10.62
PC30:6	DLPC	308.67	300.11	308.87	324.96
PC32:0	DLPC	51176.88	47237.925	47945.79	39098.275
PC32:1	DLPC	131313.81	134297.365	132199.555	128598.72
PC32:2	DLPC	18776.88	20790.42	20099.585	19980.595
PC32:3	DLPC	162.56	166.68	187.925	158.685
PC32:4	DLPC	13.03	13.84	13.925	13.5
PC32:5	DLPC	33.57	31.635	32.225	37.51
PC32:6	DLPC	1592.79	1540.5	1648.63	1440.16
PC34:0	DLPC	14369.925	13501.13	14019.575	12414.845
PC34:1	DLPC	223941.485	213303.005	220001.43	197168.925
PC34:2	DLPC	118768.83	120825.505	122096.565	122229.405
PC34:3	DLPC	2771.2	2812.745	2813.17	2789.925

PC34:4	DLPC	166.055	182.395	183.855	163.225
PC34:5	DLPC	54.55	54.155	58.165	75.19
PC34:6	DLPC	504.22	495.845	461.285	456.665
PC36:0	DLPC	1119.09	1117.015	1213.21	1050.375
PC36:1	DLPC	17605.945	16064.405	17147.77	16695.3
PC36:2	DLPC	137236.315	137819.04	140303.625	133706.275
PC36:3	DLPC	8882.715	8916.86	9283.765	8738.2
PC36:4	DLPC	2305.675	2340.305	2474.74	2116.355
PC36:5	DLPC	995.225	1004.735	1187.995	1143.605
PC36:6	DLPC	260.055	270.825	304.08	267.925
PC38:0	DLPC	1123.005	1295.515	1327.725	1214.585
PC38:1	DLPC	1326.825	1263.57	1230.635	1078.39
PC38:2	DLPC	10617.25	8959.965	8239.035	7568.925
PC38:3	DLPC	1660.15	1544.185	1528.59	1403.435
PC38:4	DLPC	1326.755	1356.305	1395.875	1145.93
PC38:5	DLPC	3012.855	3373.99	3374.15	3055.47
PC38:6	DLPC	2039.275	2288.315	2396.985	2303.155
PC40:0	DLPC	54.335	63.15	71.45	56.53
PC40:1	DLPC	77.465	82.785	80.605	67.67
PC40:2	DLPC	274.33	287.03	267.415	249.01
PC40:3	DLPC	173.965	156.265	153.12	156.72
PC40:4	DLPC	106.52	108.34	108.645	106.015
PC40:5	DLPC	369.355	401.42	411.43	370.2
PC40:6	DLPC	1147.62	1144.955	1252.31	1236.985
PC42:0	DLPC	8.145	9.95	10.96	9.135
PC42:1	DLPC	24.41	21.89	26.175	20.5
PC42:2	DLPC	81.855	82.64	82.03	74.545
PC42:3	DLPC	53.535	54.06	57.505	50.365
PC42:4	DLPC	18.965	23.495	22.325	20.135
PC42:5	DLPC	37.98	40.18	43.24	34.86
PC42:6	DLPC	84.215	88.03	85.34	85.775
PC44:0	DLPC	1.41	2.225	2.14	2.04
PC44:1	DLPC	4.14	4.96	4.51	4.45
PC44:2	DLPC	17.385	19.23	18.345	15.415
PC44:3	DLPC	18.36	19.49	20.635	17.735
PC44:4	DLPC	6.105	5.73	6.095	4.625
PC44:5	DLPC	7.575	9.77	8.38	9.57
PC44:6	DLPC	10.83	12.2	12.85	12.995
PE(O-)30:0	PE31:1	24.255	14.61	18.05	24.81
PE(O-)30:1	PE31:1	4.58	7.33	7.325	9.485
PE(O-)32:2	PE31:1	24.355	27.125	24.58	27.58
PE(O-)32:5	PE31:1	0.825	NA	NA	NA
PE(O-)34:0	PE31:1	164.41	169.78	162.01	156.88
PE(O-)34:1	PE31:1	1149.24	1104.18	1003.085	1045.435
PE(O-)34:2	PE31:1	425.585	373.38	408.655	434.735
PE(O-)34:3	PE31:1	33.325	32.945	31.13	46.53

PE(O-)34:4	PE31:1	145.96	165.39	158.81	214.6
PE(O-)34:5	PE31:1	5.815	4.665	5.725	4.235
PE(O-)36:3	PE31:1	160.83	128.8	143.29	140.57
PE(O-)36:4	PE31:1	93.605	94.615	92.545	97.84
PE(O-)36:5	PE31:1	126.875	115.09	127.385	115.09
PE(O-)36:6	PE31:1	78.255	82.13	82.185	87.735
PE(O-)38:4	PE31:1	267.51	249.975	266.375	262.5
PE(O-)38:5	PE31:1	328.335	304.62	310.59	310.185
PE(O-)38:6	PE31:1	274.215	267.985	263.59	278.335
PE(O-)40:6	PE31:1	197.675	192.31	216.98	200.94
PE28:0	PE31:1	45.045	40.525	44.395	63.765
PE28:1	PE31:1	78.48	70.295	100.07	133.055
PE28:2	PE31:1	3.635	3.745	4.015	4.89
PE28:3	PE31:1	1.81	2.81	1.4	6.175
PE28:4	PE31:1	NA	NA	NA	2.805
PE28:5	PE31:1	NA	NA	0.845	0.96
PE28:6	PE31:1	11.97	4.485	4.53	8.655
PE30:0	PE31:1	420.595	400.41	379.24	336.785
PE30:1	PE31:1	312.215	300.765	293.795	361.735
PE30:2	PE31:1	5.935	8.87	9.07	12.115
PE30:3	PE31:1	2.69	2.03	2.565	5.285
PE30:4	PE31:1	5.545	8.52	4.025	12.055
PE30:5	PE31:1	NA	NA	NA	0.665
PE30:6	PE31:1	2.035	3.645	3.975	4.98
PE32:0	PE31:1	1321.175	1190.21	1180.28	1068.755
PE32:1	PE31:1	9409.09	8585.675	8815.04	8920.03
PE32:2	PE31:1	2075.55	1984.34	2124.79	2282.425
PE32:3	PE31:1	18.97	21.67	23.34	17.34
PE32:4	PE31:1	9.12	6.72	8.4	15.74
PE32:5	PE31:1	NA	NA	NA	1.235
PE32:6	PE31:1	14.125	10	14.275	13.37
PE34:0	PE31:1	1981.1	1574.565	1684.34	1502.655
PE34:1	PE31:1	28856.715	25415.725	26166.29	23582.26
PE34:2	PE31:1	25883.45	24538.54	26596.305	26831.19
PE34:3	PE31:1	739.45	725.21	772.79	822.02
PE34:4	PE31:1	187.205	193.59	200.26	226.245
PE34:5	PE31:1	41.22	49.355	42.67	80.375
PE34:6	PE31:1	9.555	10.75	10.185	14.09
PE36:0	PE31:1	854.075	817.77	765.835	785.045
PE36:1	PE31:1	15119.96	13927.325	12629.78	12729.46
PE36:2	PE31:1	53204.955	51958.665	49813.155	50870.445
PE36:3	PE31:1	4407.635	4305.69	4377.705	4443.165
PE36:4	PE31:1	2347.95	2327.15	2297.83	2255.56
PE36:5	PE31:1	1199.6	1366.215	1360.76	1482.65
PE36:6	PE31:1	173.99	182.125	206.43	205.365
PE38:0	PE31:1	142.54	116.885	124.215	130.665

PE38:1	PE31:1	398.415	350.65	338.575	332.64
PE38:2	PE31:1	2091.715	1840.46	1746.02	1795.17
PE38:3	PE31:1	1612.795	1399.64	1312.55	1239.48
PE38:4	PE31:1	7282.705	6621.52	6255	5859.3
PE38:5	PE31:1	8679.83	8157.515	8436.625	7851.13
PE38:6	PE31:1	3334.4	3196.825	3290.92	3078.52
PE40:0	PE31:1	36.555	31.51	34.75	27.65
PE40:1	PE31:1	88.005	82.075	68.165	67.38
PE40:2	PE31:1	432.455	372.265	354.475	335.33
PE40:3	PE31:1	161.445	135.615	140.975	154.06
PE40:4	PE31:1	312.075	288.42	287.95	293.1
PE40:5	PE31:1	1580.875	1532.615	1515.23	1571.505
PE40:6	PE31:1	4663.65	4460.22	4539.525	4604.03
PE42:0	PE31:1	5.785	5.57	4.485	4.27
PE42:1	PE31:1	35.305	31.06	23.79	26.79
PE42:2	PE31:1	129.08	127.85	89.485	95.475
PE42:3	PE31:1	51.205	53.175	48.835	45.255
PE42:4	PE31:1	43.955	37.075	29.585	25.325
PE42:5	PE31:1	114.505	101.34	89.68	78.515
PE42:6	PE31:1	101.22	106.695	90.51	97.02
PE44:0	PE31:1	NA	NA	0.91	NA
PE44:1	PE31:1	3.28	2.89	2.5	2.29
PE44:2	PE31:1	17.965	12.855	12.615	12.635
PE44:3	PE31:1	7.01	7.28	6.85	7.14
PE44:4	PE31:1	8.885	8.31	6.285	7.55
PE44:5	PE31:1	38.755	33.705	32.715	34.15
PE44:6	PE31:1	29.63	19.445	20.785	24.41
PI(O-)30:0	PI31:1	10.66	14.705	13.065	9.7
PI(O-)30:1	PI31:1	200.64	237.005	216.915	230.45
PI(O-)30:2	PI31:1	41.12	82.385	37.19	54.5
PI(O-)30:3	PI31:1	4.68	4.795	4.16	4.72
PI(O-)30:5	PI31:1	9.78	13.14	6.025	16.1
PI(O-)30:6	PI31:1	23.56	32.66	28.365	24.23
PI(O-)32:2	PI31:1	117.36	139.835	105.745	117.75
PI(O-)32:3	PI31:1	6.91	2.93	3.055	5.34
PI(O-)32:4	PI31:1	3.57	4.49	2.555	1.78
PI(O-)32:5	PI31:1	22.71	18.475	23.415	27.56
PI(O-)32:6	PI31:1	43.02	28.315	36.625	26.01
PI(O-)34:2	PI31:1	64.18	89.43	81.325	82.74
PI(O-)34:5	PI31:1	6.6	4.97	2.14	2.29
PI(O-)34:6	PI31:1	24.3	15.575	11.56	18.1
PI(O-)36:1	PI31:1	438.23	435.71	419.52	382.11
PI(O-)36:2	PI31:1	400.98	453.78	411.125	413.76
PI(O-)36:3	PI31:1	28.45	23.37	28.33	25.73
PI(O-)36:4	PI31:1	2.44	2.78	1.36	3.29
PI(O-)36:5	PI31:1	2.24	0.53	0.555	2.05

PI(O-)38:1	PI31:1	75.55	153.635	126.235	126.2
PI(O-)38:2	PI31:1	533.03	452.04	460.22	504.34
PI(O-)38:3	PI31:1	130.95	128.43	97.37	143.08
PI(O-)38:4	PI31:1	45.34	38.085	57.9	50.92
PI(O-)38:5	PI31:1	61.97	42.61	55.75	41.17
PI(O-)40:2	PI31:1	114.69	116.53	121.635	115.41
PI(O-)40:3	PI31:1	210.32	156.06	181.41	157.45
PI(O-)40:4	PI31:1	101.48	75.51	62.44	51.87
PI(O-)40:5	PI31:1	28.41	18.76	17.59	19.74
PI(O-)42:1	PI31:1	14.29	9.29	11.435	9.18
PI(O-)42:2	PI31:1	35.06	44.855	26.1	37.49
PI(O-)42:3	PI31:1	35.15	42.215	19.47	47.18
PI(O-)42:6	PI31:1	33.07	54.82	53.855	37.66
PI(O-)44:1	PI31:1	1.71	2.37	1.49	2.16
PI(O-)44:4	PI31:1	2.62	4.285	1.26	6.28
PI28:0	PI31:1	23.52	26.675	7.99	13.93
PI28:1	PI31:1	107.89	111.935	70.21	66.01
PI28:2	PI31:1	22.38	14.225	13.155	13.04
PI28:3	PI31:1	7.24	15.475	11.665	9.79
PI28:4	PI31:1	2.43	3.665	1.35	2.28
PI28:5	PI31:1	5.07	1.435	2.225	0.83
PI28:6	PI31:1	9.96	9.72	14.425	7.07
PI30:0	PI31:1	36.15	37.94	28.19	33.06
PI30:1	PI31:1	352.3	347.98	371.7	273.09
PI30:2	PI31:1	180.98	138.16	130.195	197.61
PI30:3	PI31:1	0.8	0.31	0.65	1.55
PI30:4	PI31:1	7.01	0.345	1.37	1.14
PI30:5	PI31:1	17.75	6	8.615	9.78
PI30:6	PI31:1	6.31	6.195	3.625	1.53
PI31:1	PI31:1	10000	10000	10000	10000
PI32:0	PI31:1	135.93	139.495	131.095	135.31
PI32:1	PI31:1	977.99	1094.51	1106.01	851.25
PI32:2	PI31:1	597.82	620.015	613.325	599.1
PI32:3	PI31:1	22.38	6.19	6.585	4.95
PI32:4	PI31:1	2.09	1.09	NA	0.65
PI32:5	PI31:1	6.99	2.21	3.175	3.86
PI32:6	PI31:1	2.39	3.125	5.55	3.2
PI34:0	PI31:1	456.27	459.615	492.32	366.41
PI34:1	PI31:1	7092.38	8589.705	8525.33	7588.56
PI34:2	PI31:1	8585.47	9576.965	8689.395	9717.27
PI34:3	PI31:1	136.05	109.66	119.675	127.63
PI34:4	PI31:1	1.86	0.22	1.21	0.72
PI34:5	PI31:1	0.78	0.585	1.37	0.49
PI34:6	PI31:1	3.83	3.35	2.065	2.13
PI36:0	PI31:1	455.72	769.155	607.815	555.39
PI36:1	PI31:1	12181.9	12511.065	12097.145	11666.44

PI36:2	PI31:1	19718.68	21310.745	21255.83	19026.16
PI36:3	PI31:1	1227.23	1139.675	1179.22	1197.69
PI36:4	PI31:1	190.41	167.2	158.26	161.59
PI36:5	PI31:1	58.64	43.275	57.475	41.09
PI36:6	PI31:1	109	87.635	81.65	71.66
PI38:0	PI31:1	131.35	187.45	188.81	136.55
PI38:1	PI31:1	590.22	733.335	676.16	631.44
PI38:2	PI31:1	2136.63	2652.47	2565.005	2634.51
PI38:3	PI31:1	2106.56	2691.245	2649.39	2594.99
PI38:4	PI31:1	3211.35	3591.53	3368.44	3420.58
PI38:5	PI31:1	1955.43	2050.01	2126.565	1936.75
PI38:6	PI31:1	180.47	281.12	258.575	201.43
PI40:0	PI31:1	97.04	222.215	195.665	157.91
PI40:1	PI31:1	277.41	391.035	287.8	230.66
PI40:2	PI31:1	350.61	342.37	359.64	375.15
PI40:3	PI31:1	376.57	446.795	377.93	392.66
PI40:4	PI31:1	247.2	398.155	386.13	301.29
PI40:5	PI31:1	531.87	766.815	701.755	558
PI40:6	PI31:1	583.87	666.77	586.285	519.22
PI42:0	PI31:1	6.63	13.725	7.72	11.37
PI42:1	PI31:1	36.9	46.345	47.535	34.7
PI42:2	PI31:1	191.7	175.1	183.57	147.5
PI42:3	PI31:1	283.42	289.31	294.75	301.38
PI42:4	PI31:1	59.72	69.005	42.325	49.25
PI42:5	PI31:1	2.96	11.435	10.87	9.31
PI42:6	PI31:1	7.38	6.925	8.015	1.21
PI44:0	PI31:1	20.88	3.895	5.225	6.66
PI44:1	PI31:1	13.68	8.67	8.4	11.65
PI44:2	PI31:1	19.18	16.905	11.67	16.06
PI44:3	PI31:1	21.1	24.055	32.85	30.99
PI44:4	PI31:1	32.85	31.28	30.315	30.31
PI44:5	PI31:1	41.02	30.945	29.63	61.32
PI44:6	PI31:1	18.93	19.01	16.295	20.02
PS(O-)30:0	PS31:1	10.93	9.92	9.865	12.73
PS(O-)30:1	PS31:1	2.24	1.355	1.205	3.29
PS(O-)30:2	PS31:1	NA	NA	NA	NA
PS(O-)30:6	PS31:1	3.105	1.175	0.51	0.91
PS(O-)32:2	PS31:1	5.065	4.01	3.57	3.38
PS(O-)34:0	PS31:1	102.5	108.195	113	90.06
PS(O-)34:1	PS31:1	383.295	448.405	451.5	450.29
PS(O-)34:2	PS31:1	36.39	31.475	32.44	38.33
PS(O-)34:3	PS31:1	28.705	29.185	33.88	38.9
PS(O-)34:5	PS31:1	NA	0.175	NA	NA
PS(O-)36:0	PS31:1	58.095	66.605	66.18	72.96
PS(O-)36:1	PS31:1	470.69	536.19	507.32	469.73
PS(O-)36:2	PS31:1	164.55	174.095	183.82	193.39

PS(O-)36:3	PS31:1	10.535	7.115	10.82	13.29	
PS(O-)36:4	PS31:1	7.79	6.895	4.71	9.96	
PS(O-)36:5	PS31:1	1.345	0.785	1.19	2.61	
PS(O-)38:0	PS31:1	30.485	38.855	42.335	42.94	
PS(O-)38:1	PS31:1	82.3	98.545	119.62	118.21	
PS(O-)38:2	PS31:1	37.12	72.59	82.24	81.76	
PS(O-)38:3	PS31:1	8.33	12.28	8.095	9.61	
PS(O-)38:4	PS31:1	9.93	10.145	13.985	17.3	
PS(O-)38:5	PS31:1	8.715	12.475	17.865	7.66	
PS(O-)38:6	PS31:1	5.99	10.915	11.365	10.34	
PS(O-)40:1	PS31:1	14.045	10.94	14.13	12.57	
PS(O-)40:2	PS31:1	22.56	25.335	30.475	20.91	
PS(O-)40:5	PS31:1	11.675	13.14	12.655	9.17	
PS(O-)40:6	PS31:1	9.355	14.755	18.405	6.65	
PS(O-)42:2	PS31:1	13.31	8.64	10.195	7.91	
PS(O-)44:6	PS31:1	NA	NA	NA	NA	
PS28:0	PS31:1	8.38	9.8	5.83	5.38	
PS28:1	PS31:1	4.46	3.07	2.515	4.05	
PS28:2	PS31:1	0.78	0.205	0.09	0.28	
PS28:3	PS31:1	NA	NA	NA	NA	
PS28:4	PS31:1	NA	NA	NA	NA	
PS28:5	PS31:1	NA	NA	NA	NA	
PS28:6	PS31:1	1.43	0.46	0.375	1.63	
PS30:0	PS31:1	87.24	125.45	153.215	115.35	
PS30:1	PS31:1	25.12	29	26.605	35.44	
PS30:2	PS31:1	0.48	0.06	NA	NA	
PS30:3	PS31:1	NA	NA	NA	NA	
PS30:4	PS31:1	NA	NA	NA		0.27
PS30:5	PS31:1	NA	NA	NA	NA	
PS30:6	PS31:1	1.3	1.105	1.23	0.41	
PS31:1	PS31:1	33000	33000	33000	33000	
PS32:0	PS31:1	545.3	612.97	591	522.27	
PS32:1	PS31:1	1497.205	1505.995	1544.825	1505.84	
PS32:2	PS31:1	19.8	17.765	24.645	25.14	
PS32:3	PS31:1	1.065	1.375	0.73	0.52	
PS32:4	PS31:1	0.175	0.17	0.265	NA	
PS32:5	PS31:1	NA	NA	NA	NA	
PS32:6	PS31:1	15.72	24.945	19.48	15.59	
PS34:0	PS31:1	666.26	747.43	881.495	714.9	
PS34:1	PS31:1	7494.355	8843.61	9500.41	8140.5	
PS34:2	PS31:1	1791.67	1824.76	1944.445	2068.33	
PS34:3	PS31:1	30.43	28.105	30.25	29.45	
PS34:4	PS31:1	25.515	31.135	24.025	38.66	
PS34:5	PS31:1	0.265	0.33	NA	0.55	
PS34:6	PS31:1	3.805	4.54	4.405	7.41	
PS36:0	PS31:1	278.955	445.74	524.505	478.35	

PS36:1	PS31:1	4885.075	8746.88	9427.38	8365.2
PS36:2	PS31:1	4602.055	6456.1	7189.56	6226.88
PS36:3	PS31:1	151.505	186.045	196.28	193.36
PS36:4	PS31:1	135.545	144.88	170.515	187.7
PS36:5	PS31:1	44.265	23.105	37.16	40
PS36:6	PS31:1	6.18	3.09	6.41	5.77
PS38:0	PS31:1	14.255	20.025	21.55	20.48
PS38:1	PS31:1	143.115	245.04	236.505	235.53
PS38:2	PS31:1	386.475	690.275	752.655	688.66
PS38:3	PS31:1	111.83	159.025	210.825	159.77
PS38:4	PS31:1	190.515	247.845	307.65	302
PS38:5	PS31:1	193.35	195.35	223.37	237.23
PS38:6	PS31:1	34.56	47.64	60.04	52.92
PS40:0	PS31:1	3.205	4.79	4.705	6.11
PS40:1	PS31:1	59.055	67.59	75.91	64.96
PS40:2	PS31:1	277.41	302.225	338.61	296.06
PS40:3	PS31:1	33.255	38.085	52.795	45.01
PS40:4	PS31:1	51.63	51.965	74.025	57.62
PS40:5	PS31:1	249.84	325.635	382.84	285.59
PS40:6	PS31:1	483.805	523.625	542.075	479.53
PS42:0	PS31:1	0.85	0.48	0.085	NA
PS42:1	PS31:1	10.065	10.12	11.9	10.51
PS42:2	PS31:1	62.195	57.455	74.955	54.3
PS42:3	PS31:1	11.04	22.65	24.5	16
PS42:4	PS31:1	2.305	1.665	2.825	2.17
PS42:5	PS31:1	6.055	5.035	6.555	11.63
PS42:6	PS31:1	10.835	8.445	13.93	10.35
PS44:0	PS31:1	NA	NA	NA	NA
PS44:1	PS31:1	0.06	NA	NA	NA
PS44:2	PS31:1	0.085	0.405	0.695	1.28
PS44:3	PS31:1	NA	0.215	0.085	NA
PS44:4	PS31:1	NA	0.07	NA	NA
PS44:5	PS31:1	0.18	0.345	0.335	0.4
PS44:6	PS31:1	0.57	1.06	1.345	0.71
SM32:0	C12SM	6.22	5.995	6.625	6.465
SM32:1	C12SM	134.22	149.79	142.65	158.835
SM32:2	C12SM	1.145	0.81	0.88	0.955
SM34:0	C12SM	173.705	180.395	159.66	149.835
SM34:1	C12SM	3994.285	3682.21	3359	3556.725
SM34:2	C12SM	17.71	23.595	18.065	19.12
SM36:0	C12SM	29.05	59.27	40.745	54.815
SM36:1	C12SM	165.52	228.495	137.395	175.84
SM36:2	C12SM	14.55	14.88	14.58	15.77
SM38:1	C12SM	58.77	92.225	50.815	72.525
SM38:2	C12SM	13.405	21.075	11.67	16.76
SM38:3	C12SM	0.425	0.425	0.28	0.465

SM40:0	C12SM	25.935	24.7	19.525	25.615
SM40:1	C12SM	535.36	583.4	387.205	565.015
SM40:2	C12SM	667.145	731.03	542.77	707.36
SM40:3	C12SM	30.705	26.83	18.955	21.52
SM42:0	C12SM	22.61	27	17.635	24.47
SM42:1	C12SM	1084.715	1340.075	943.9	1386.94
SM42:2	C12SM	13049.775	14335.27	12188.725	13775.21
SM42:3	C12SM	657.59	579.575	571.285	705.06
SM44:0	C12SM	0.24	0.385	0.23	0.26
SM44:1	C12SM	2.025	1.79	1.95	2.105
SM44:2	C12SM	17.89	24.165	21.805	21.22
SM44:3	C12SM	7.33	6.425	5.53	7.145

aAGPS1_1	aAGPS1_2	aAGPS1_3	aAGPS1_4	aAGPS2_1	aAGPS2_2
25000	25000	25000	25000	25000	25000
5000	5000	5000	5000	5000	5000
5000	5000	5000	5000	5000	5000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
50.75	33.19	44.575	NA	29.375	50.955
112.48	67.115	71.91	46.82	128.985	130.545
324.72	193.68	224.72	205.02	345.5	339.85
NA	NA	NA	NA	NA	NA
NA	NA	1.915	NA	NA	2.22
859.23	579.485	688.545	869.64	975.745	1044.935
925.62	721.195	811.795	743.59	1051.84	1157.435
3.26	5.085	6.82	NA	5.64	11.215
NA	NA	NA	NA	NA	NA
209.31	165.8	223.03	260.64	147.85	231.56
104.53	86.015	96.5	118.6	46.005	106.4
90.43	37.695	73.91	36.74	93.39	72.23
24.97	12.73	31.925	NA	24.585	28.06
3.61	0.59	4.71	NA	2.82	6.695
NA	NA	1.79	NA	NA	2.255
NA	NA	NA	NA	NA	NA
5.83	NA	5.585	NA	NA	6.52
NA	NA	NA	NA	NA	NA
4.01	1.58	9.395	NA	1.08	23.17
138.19	103.82	102.305	97.88	82.835	205.4
NA	NA	NA	NA	1.745	2.985
619.39	546.12	591.51	1118.74	815.58	910.58
7.92	0.745	1.54	NA	2.805	8.375
NA	NA	NA	NA	NA	NA
97.18	73.84	80.365	77.27	73.065	119.855
347.85	214.85	241.6	268.52	339.275	341.265
99.19	51.95	60.89	44.79	85.34	98.775
NA	NA	NA	NA	NA	NA
32.48	9.465	21.57	NA	9.775	43.67
30.07	22.59	28.43	NA	9.87	36.495
18.92	11.165	16.435	NA	5.82	22.555
21.53	10.65	14.98	NA	10.715	15.245
NA	NA	NA	NA	0.74	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
118.98	57.27	81.44	39.92	142.54	137.4

NA	NA	NA	NA	NA	NA	
125.91	55.105	85.96	39.93	98.93	96.935	
6.12	NA	9.425	NA	3.285	13.765	
15.65	16.965	25.715	NA	10.175	37.245	
4.22	1.91	7.84	NA	6.8	10.67	
11.92	6.255	12.67	NA	4.3	13.095	
NA	NA	NA	NA	NA		1.65
NA	NA	NA	NA	NA		1.2
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	0.845	1.705	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
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NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	3.19	NA	0.92	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA		2.89
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
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NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
2.09	1.42	3.32	2.735	5.16	3.365
29.48	21.77	22.88	25.95	27.825	24.47
0.44	0.54	NA	0.34	0.73	0.34
40.905	28.56	38.185	39.225	44.62	35.695
202.385	147.985	158.545	182.675	201.795	166.04
2.13	2.435	2.95	3.07	3.43	2.33
36.53	27.385	28.365	32.725	37.895	29.495
0.91	1.215	1.895	1.37	1.76	1.105
2.11	0.34	1.13	0.92	0.945	1.81
22.465	18.27	20.905	18.525	25.105	22.655
1.005	1.105	0.775	0.775	2.075	0.755
29.355	20.095	31.315	33.75	41.715	24.7
195.695	134.25	154.935	201.87	182.045	173.305
41.125	48.045	69.87	89.965	129.33	87.99
205.875	158.955	180.655	232.6	261.42	237.38
103.09	79.515	101.59	112.385	134.5	130.92
441.66	378.365	383.205	420.41	499.48	482.405
1496.015	1004.995	1304.75	1625.59	3415.12	1962.385
2156.04	1645.235	1842.31	2213.55	2792.935	2512.735
0.49	0.865	NA	1.005	0.675	0.885

15.61	10.785	11.85	13.765	12.985	16.06
14.785	12.7	17.94	16.15	14.175	15.49
118.24	82.605	107.4	115.075	97.92	104.56
17.19	13.08	14.385	17.46	12.795	8.495
13.225	13.575	14.87	13.315	14.4	12.925
195.235	105.76	165.48	185.77	373.34	255.385
56.17	35.405	48.555	54.75	72.185	63.605
3.31	4.355	5.225	3.775	10.345	7.315
13.235	11.035	10.355	11.93	14.195	12.215
1.59	0.755	1.05	2.14	1.485	1.215
7.83	6.845	6.395	8.005	6.85	3.85
1.23	NA	0.73	1.155	NA	0.43
0.31	NA	0.41	1.365	NA	0.375
4.255	4.405	4.675	7.16	5.695	5.035
NA	NA	NA	NA	NA	0.385
3.605	2.65	2.86	4.38	2.795	3.705
1.745	1.67	1.71	2.49	1.63	1.305
24.075	18.425	20.06	23.515	18.62	19.81
14.42	11.565	12.045	14.775	16.97	19.825
32.86	26.645	33.225	37.39	31.38	34.31
8.42	4.05	8.23	4.95	7.75	7.5
177.085	120.615	147.69	171.295	160.51	198.145
7.05	5.15	8.07	9.255	5.53	9.295
4000	4000	4000	4000	4000	4000
302.445	285.885	287.715	276.345	550.69	447.035
3.6	2.855	3.645	4.08	4.67	3.255
0.42	0.53	0.785	0.36	0.55	0.63
8.965	7.745	8.195	5.995	8.97	8.885
4.715	6.39	6.105	4.785	7.295	5.225
9.13	7.455	7.83	8.445	14.39	11.16
3.71	3.865	2.98	3.915	4.815	4.575
61.78	58.615	65.065	53.29	95.02	75.825
1.165	1.6	1.575	0.62	1.32	1.165
16.34	15.875	13.82	12.78	21.915	17.09
1.375	1.85	2.535	1.705	1.965	2.17
8.96	7.24	6.385	6.955	16.74	8.155
3.845	5.94	4.195	4.345	12.12	6.35
101.98	87.35	93.105	85.045	182.625	100.8
86.155	68.945	73.355	82.06	157.875	86.12
179.05	141.385	139.37	148.4	347.425	166.39
710.095	563.19	592.625	556.24	1449.605	791.06
30.48	24.9	21.695	22.195	46.98	24.465
1.025	0.925	0.815	1.23	1.06	1.18
0.63	0.63	0.64	0.31	0.865	0.745
0.43	0.26	0.395	0.52	0.45	0.47
1.325	1.12	0.725	1.3	2.155	2.38

1.795	1.495	2.155	2.325	1.855	1.545	
3.81	2.44	2.59	2.635	3.57	3.015	
9.335	7.785	7.34	6.83	18.305	12.205	
5.79	2.305	2.49	2.625	3.905	3.065	
0.73	0.305	0.35	0.35	0.36	0.42	
0.09	0.04	0.09	NA	0.065	0.05	
68.105	30.025	34.015	38.565	53.925	44.795	
19.15	10.245	11.7	15.165	18.81	16.735	
0.65	0.46	0.565	0.515	0.54	0.675	
64.505	5.57	5.37	6.26	9.905	9.96	
73.29	30.065	32.61	40.36	56.495	51.845	
1.2	0.625	0.625	0.675	1.04	0.585	
2.13	0.55	0.465	0.36	0.755	0.615	
24.545	2.245	2.67	3.015	5.94	6.33	
3.5	1.065	1.25	1.03	1.69	1.185	
3.81	1.565	1.45	1.515	1.495	1.795	
2.03	0.43	0.55	1.015	0.725	0.805	
1.39	0.265	0.3	0.25	0.285	0.3	
3.98	NA	1.175	NA	NA	NA	
1.72	1.3	1.34	NA	NA	2.72	
NA	NA	NA	NA	NA	NA	
60.15	19.47	27.59	24.215	51.55	54.37	
27.505	13.89	15.165	11.215	38.91	35.58	
NA	NA	NA	NA	NA	NA	
153.835	23.14	23.2	17.77	37.17	32.835	
204.47	78.35	87.135	82.305	176.8	179.105	
3.53	1.895	3.575	2.1	6.605	4.24	
3.895	NA	NA	NA	NA	NA	
149.245	1.885	3.925	1.555	12.905	13.96	
6.545	NA	0.515	NA	NA	NA	
2.92	1.89	2.72	NA	2.64	2.52	
5.29	NA	NA	NA	NA	1.645	
3.41	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
0.765	1.26	0.365	0.66	NA	0.825	
NA	NA	NA	NA	NA	NA	
4.215	2.98	1.29	1.03	3.315	2.715	
5.87	8.125	4.335	10.17	7.735	8.055	
NA	NA	NA	NA	NA	NA	
57.02	55.66	33.32	36.09	64.365	53.98	
50.735	75.43	57.08	43.63	61.685	59.25	
0.235	NA	0.24	NA	NA	0.495	
0.615	NA	NA	NA	0.965	0.955	
1.345	0.835	0.325	0.73	0.68	1.2	
1.42	NA	0.505	NA	0.81	3.91	
1.95	0.26	1.365	0.94	2.605	1.86	

1.55	NA	0.685	0.52	0.36	2.305
2.335	0.84	0.79	1.7	1.05	1.365
NA	0.225	0.07	0.29	NA	NA
17.145	19.225	8.76	5.86	15.22	12.735
NA	NA	NA	NA	NA	NA
5.12	2.54	3.365	5.8	4.06	4.225
1.43	1.145	0.88	1.01	1.515	2.28
NA	NA	NA	NA	NA	NA
8.04	7.255	2.83	7.23	4.82	7.785
24.155	13.68	14.62	21.67	31.13	23.11
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
0.17	0.225	NA	NA	NA	0.18
NA	NA	NA	NA	NA	NA
0.29	NA	0.095	NA	NA	NA
0.095	NA	NA	NA	0.1	0.18
NA	NA	NA	NA	NA	NA
807.385	546.6	505.355	712.005	1422.485	1291.075
191.645	166.59	159.425	224.19	381	369.5
16.265	13.53	13.91	19.68	21.315	23.305
4.13	2.56	1.825	3.595	3.15	2.98
2.5	0.88	0.6	0.715	1.12	0.86
6.37	1.96	2.22	2.55	3.1	2.765
113.62	86.605	83.295	125.965	110.58	103.45
4014.72	3381.345	2991.575	4463.695	8346.73	7527.99
3563.725	2933.635	2878.56	4100.76	6800.905	6195.575
362.765	324.82	308.61	441.2	791.32	761.615
14.745	13.81	12.9	18.865	23.715	23.735
5.675	2.52	2.905	2.62	6.33	5.11
17.27	11.56	11.155	18.245	16.8	17.535
1335.985	1120	1036.84	1576.535	1558.725	1459.325
2885.545	2285.875	2189.26	3134.915	5199.79	4253.15
10740.515	8295.67	8640.56	11904.415	22963.345	20017.715
2773.1	2364.215	2350.945	2950.07	5740.03	5055.28
117.68	106.185	99.735	117.855	312.31	310.715
11.9	9.965	8.59	12.08	18.13	16.98
26.965	23.17	21.535	26.555	38.59	30.64
472.615	438.96	409.345	607.965	864.615	613.51
3534.8	2952.76	2891.205	3931.985	5704.735	4594.38
4674.185	4134.285	4080.56	5966.315	7765.335	7056.86
348.245	315.48	320.575	417.62	885.51	744.57
129.53	122.02	120.75	178.96	366.495	347.025
149.595	125.87	123.955	166.095	324	299.95
257.185	241.375	221.01	291.305	393.695	358.81
371.825	308.405	278.525	419.86	509.115	443.22
836.845	729.045	632.135	913.065	1189.525	1042.325

219.32	196.865	186.775	253.22	440.45	296.755
190.32	174.595	157.11	221.795	358.49	289.76
383.35	324.79	282.48	458.11	760.055	708.63
285.835	288.05	268.095	434.4	747.225	625.03
98.04	103.365	94.355	140.325	205.285	127.145
69.28	61.64	75.705	66.405	175.79	72.495
82.955	73.335	78.045	97.525	156.69	86.88
135.16	126.285	119.335	171.67	196.56	148.085
152.82	152.635	156.05	219.81	306.875	287.7
25.73	25.5	25.255	28.69	31.005	24.115
44.345	44.765	40.875	61.83	50.005	38.7
68.17	63.35	58.42	76.355	83.75	55.61
44.335	45.98	54.315	51.4	95.255	45.73
40.855	43.99	40.425	44.295	64.365	46.2
45.965	46.5	40.655	56.945	62.005	52.67
5.655	6.12	6.18	7.34	9.945	5.805
11.35	10.57	10.21	13.81	15.685	9.7
40.78	18.6	17.475	22.49	25.445	15.355
19.365	16.025	17.655	20.25	27.305	14.67
15.775	17.135	19.465	20.395	33.05	17.755
12.525	11.88	12.265	14.465	29.715	14.015
2403.78	1886.01	1797.785	3128.91	2503.385	2306.705
526.195	416.51	404.51	736.91	514.475	522.825
13.88	11.56	10.98	15.54	15.42	13.565
1.945	0.9	1.035	1.325	1.205	0.835
2.33	0.71	0.745	0.75	0.855	0.75
6.145	1.195	0.93	1.075	0.925	1
49.245	10.225	8.57	9.185	15.06	13.415
30402.66	25984	24633.615	35048.18	35396.075	33622.66
13684.55	12216.65	12035.33	19105.58	15530.185	14993.405
269.73	232.075	236.705	348.275	298.445	271.06
13.005	9.975	10.02	16.77	13.265	10.77
9.115	5.825	5.33	6.16	5.86	5.42
12.85	4.46	4.695	4.325	4.705	5.75
63.335	33.76	32.73	42.03	74.97	70.06
50110.02	45514.42	45125.995	57356.425	70280.415	60158.595
155178.275	136664.805	139050.745	208245.535	166796.57	163094.795
27821.51	24675.16	25146.515	35405.525	31568.485	30001.515
279.705	250.92	259.195	340.26	285.675	297.67
18.635	15.645	15.59	22.53	18.01	14.735
25.89	15.515	13.315	18.05	19.21	19.88
239.83	212.65	198.94	291.58	488.57	460.3
12370.035	11438.88	11011.58	15319.545	19726.04	15269.295
207844.965	185553.485	182119.255	207562.75	294928.095	250258.685
129437.045	116336.33	115044.905	145849.055	172109.06	156279.64
3517.36	3070.665	3105.07	4311.04	4030.77	4020.23

304.91	277.325	294.775	397.14	305.34	323.665
112.16	102.1	101.975	139.07	85.625	84.06
240.22	204.6	187.11	315.87	358.425	328.985
654.525	587.38	540.535	855.185	1074.27	865.18
14435.935	11957.39	11198.58	16183.83	20838.355	18346.08
109266.48	94600.595	86692.035	130047.83	167697.37	147263.06
8770.04	7840.31	7587.985	9718.17	10908.73	10016.015
4355.095	3801.465	3556.73	5395.25	3854.56	3343.575
3823.7	3377.08	3079.76	5154.055	2539.39	2391.34
811.735	780.105	796.535	1300.88	698.74	603.42
148.74	139.8	138.98	175.995	359.335	315.06
914.455	788.965	700.085	1002.64	1263.47	968.13
7492.78	6834.065	5552.155	10169.67	10392.05	8426.495
1368.76	1190.775	1059.34	2041.105	1873.05	1557.53
2009.345	1843.915	1607.13	2616.335	2023.27	1934.755
6250.635	5936.915	5319.9	7886.225	5640.665	5369.77
6274.85	5726.12	5568.46	7934.33	4762.74	4722.51
32.36	36.22	37.98	41.3	56.91	40.575
52.25	54.21	46.28	57.635	91.505	69.295
199.165	176.355	157.735	228.225	304.81	236.41
102.505	97.235	82.075	129.16	189.9	146.865
118.69	116.245	113.515	168.135	149.325	124.34
542.07	518.95	514.175	812.805	596.68	524.31
1808.375	1756.73	1610.975	2415.96	1805.665	1697.655
7.325	8.005	7.74	7.325	14.385	8.26
19.825	18.865	16.595	16.465	29.19	25.505
66.7	54.66	48.625	64.875	98.435	86.945
35.63	28.53	30.28	36.015	65.695	51.875
17.085	17.345	17.285	22.565	26.88	19.73
46.01	47.1	44.88	60.025	57.645	47.84
126.975	118.29	108.835	153.885	126.515	115.585
1.165	1.37	1.695	1.685	3.045	1.545
3.99	3.265	3.265	3.525	7.315	4.165
15.295	13.645	12.045	14.615	23.07	17.83
13.625	11.85	12.02	14.245	23.185	15.97
4.615	4.495	4.595	4.555	8.69	5
9.68	9.51	9.745	10.095	17.635	8.585
15.33	14.025	14.61	17.97	22.225	12.02
20.14	14.645	17.535	11.97	21.02	18.99
11.45	4.865	9.04	3.775	5.13	8.6
14.45	11.095	13.185	9.785	16.225	13.835
NA	NA	NA	NA	NA	NA
119.065	90.08	100.665	90.715	178.62	146.755
792.905	669.93	701.61	606.725	1003.325	919.38
377.655	304.13	352.09	331.65	481.625	401.75
16.995	16.115	15.365	14.555	27.845	20.895

131.93	155.675	136.7	107.845	146.39	148.83
NA	0.585	1.415	1.35	1.055	3.255
87.775	85.21	88.31	78.26	127.17	114.88
39.1	41.62	33.105	28.87	55.965	57.83
31.265	25.485	25.13	20.79	61.915	52.535
33.175	39.505	34.09	29.775	76.565	58.36
248.795	228.33	226.55	218.625	251.66	245.68
235.91	216.345	232.515	218.255	276.105	250.9
103.535	103.065	105.72	101.975	182.465	151.975
208.085	184.685	190.6	216.875	215.395	190.89
83.405	53.575	60.08	47.975	65.81	84.325
199.19	135.865	161.76	141.085	150.925	208.41
6.24	4.51	6.38	6.19	9.125	9.215
3.65	1.63	1.985	NA	2.06	3.92
2.765	1.61	1.98	NA	NA	2.035
1.955	NA	NA	NA	NA	NA
16.95	4.06	3.025	2.205	3.335	6.82
295.425	225.475	244.775	235.48	442.83	425.495
452.14	351.205	383.43	354.68	539.28	485.01
14.785	17.215	21.375	12.755	17.17	13.69
5.015	2.98	3.9	2.33	3.645	6.3
11.16	9.665	11.345	8.75	12.665	14.58
4.005	1.825	1.445	0.65	NA	NA
11.73	4.33	4.41	3.225	2.465	2.87
1063.065	955.955	1000.77	1030.42	1678.7	1566.37
9341.25	8395.31	8572.74	8577.445	12749.665	11465.01
3207.7	2749.74	3003.325	3058.685	3373.425	3380.11
31.455	29.37	31.295	24.765	36.12	32.6
11.495	13.185	12.035	9.6	15.4	13.1
2.13	2.055	1.845	1.56	NA	NA
14.94	11.025	11.545	8.765	12.63	12.715
1627.875	1472.79	1384.22	1207.18	2175.445	1785.175
26340.4	23936.09	23052.03	21159.115	33384.48	28993.665
34698.55	30547.915	32063.75	34818.61	41164.71	37220.575
1101.31	943.77	1048.06	934.52	1136.2	1091.95
255.785	258.835	256.465	218.775	370.23	281.885
104.445	92.795	85.07	78.935	103.585	100.13
9.495	10.11	7.485	4.715	11.015	10.72
580.565	534.385	544.69	429.27	928.64	698.71
12553.385	11925.225	11441.87	9487.43	16914.345	13788.605
64154.185	56302.7	56814.7	46201.4	79136.61	63794.195
5697.79	5388.1	5515.47	4974.82	6409.88	5859.005
4447.72	4053.4	4118.53	3687.52	4299.75	3622.905
3953.53	3510.095	3581.11	3564.93	3525.455	2842.535
835.97	745.855	777.195	791.16	544.31	574.695
83.095	73.305	81.735	73.42	121.75	97.095

253.32	224.255	218.38	211.335	351.145	322.51
1695.32	1510.055	1500.03	1409.465	2424.785	2024.18
1511.85	1398.35	1418.285	1482.42	1806.905	1446.115
9741	9028.505	8911.91	9543.23	9092.485	8092.895
16657.435	15918.35	15683.65	16883.95	16900.33	14183.455
10607.505	9305.115	9672.995	9961.05	8228.405	7529.04
39.72	32.405	34.28	36.395	43.59	36.11
55.63	63.94	55.94	52	89.405	69.775
246.59	262.49	215.295	204.55	388.005	311.77
91.655	95.28	97.43	84.155	202.925	143.225
300.16	270.025	256.67	273.49	398.485	298.445
1741.305	1631.78	1511.975	1728.855	2082.115	1697.955
6016.345	5369.35	5225.005	6460.31	7096.73	5500.96
6.46	6.865	6.295	4.725	13.68	5.95
19.475	22.205	20.375	11.285	32.59	25.25
81.04	80.645	73.475	53.03	127.34	107.885
28.825	32.225	26.735	29.44	55.56	41.885
26.145	30.605	27.295	30.92	39.925	27.395
115.46	108.525	105.495	98.8	118.985	108.845
167.125	148.465	149.155	142.995	173.87	153.485
NA	NA	1.08	NA	NA	NA
2.25	1.6	2.705	NA	3.84	2.09
12.455	12.38	12.335	10.1	15.69	10.845
4.645	5.7	6.225	6.95	12.645	7.73
7.16	8.075	8.83	5.935	11.31	7.43
26.37	34.33	28.095	24.17	41.08	24.705
25.745	25.24	24.665	20.315	35.56	24.38
6.15	3.335	3.395	4.06	6.52	9.48
79.865	56.015	57.54	72.64	76.16	84.535
22.16	18.78	23.15	43.32	40	43.55
2.455	1.415	1.82	3.75	2.665	2.975
11.96	17.63	5.565	12.81	18.245	24.47
38.305	28.895	28.31	17.61	51.915	39.285
50.175	52.04	42.54	59.15	90.955	60.105
3.83	NA	1.475	1.1	2.325	4.45
7.19	1.02	3.66	1.38	3.74	3.005
28.805	20.94	28.255	20.98	23.33	29.93
43.48	27.305	38.68	22.37	27.625	53.08
34.98	20.88	19.98	27.66	50.41	43.085
7.425	2.44	3.405	0.45	7.805	6.3
28.405	18.255	12.41	5.37	15.685	29.225
260.24	163.79	219.44	222.72	264.545	300.405
277.005	162.89	207.635	228.38	243.545	292.31
20.975	8.075	7.435	8.14	10.455	18.57
3.775	0.73	1.05	2.01	0.79	2.465
4.185	1.565	2.985	NA	4.835	5.85

104.665	69.52	66.84	66.86	84.08	93.21
366.475	282.765	301.04	360.62	357.355	343.23
73.475	52.01	91.175	59.99	64.14	75.635
31.505	32.345	42.285	30.68	36.65	42.015
43.45	24.535	26.56	15.02	39.335	38.925
74.06	49.6	44.59	16.7	67.455	67.68
181.62	86.87	131.855	34.79	112.165	132.1
49.31	53.935	49.52	60.72	46.43	57.325
41.715	20.705	29.615	17.38	16.54	27
13.02	3.58	5.305	12.84	8.115	9.75
23.885	20.415	12.54	14.09	20.3	17.97
40.325	16.82	16.97	6.36	16.965	25.03
34.18	36.23	22.25	19.06	28.45	35.175
1.535	0.245	1.43	1.7	1.315	2.38
3.5	2.215	1.595	1.96	1.265	3.665
23.96	14.825	14.2	19.58	23.895	32.985
48.8	41.43	52.55	39.97	65.185	83.485
5.01	3.31	2.75	7.54	7.475	8.56
9.475	4.38	4.285	16.85	8.89	13.295
0.975	0.745	1.255	NA	2.965	1.045
3.43	NA	0.55	1.46	2.825	1.615
4.16	1.275	2.375	3.5	5.6	5.7
35.455	27.105	23.785	33.93	45.59	48.825
214.595	231.49	271.025	239.29	331.725	365.55
135.895	88.74	116.53	142.25	153.53	172.09
NA	NA	NA	0.57	1.675	1.05
2.145	0.99	0.885	1.67	0.275	2.63
14.53	9.81	8.725	6.48	11.305	16.17
2.72	3.645	3.32	2.5	6.21	6.485
10000	10000	10000	10000	10000	10000
75.265	76.57	92.715	92.8	139.565	128.215
734.37	649.22	823.14	726.72	1090.395	998.425
472.825	379.38	408.37	487.96	639.625	570.09
6.695	2.035	7.77	5.27	4.02	7.815
0.845	0.195	0.28	NA	0.17	0.99
2.44	2.36	1.455	1.94	0.39	1.39
7.18	2.81	1.305	2.9	1.82	4.005
374.33	217.5	267.775	310.93	439.715	485.115
5747.82	4290.545	5676.795	6610.09	8646.225	7348.875
6481.995	5524.925	6291.86	7473.58	8736.76	8723.205
105.16	69.955	95.8	54.32	107.495	125.365
4.785	1.305	3.105	2.79	2.52	2.605
2.485	0.425	0.52	0.99	0.39	0.87
2.575	2.925	3.93	7.39	1.58	3.795
347.965	306.27	391.08	384.6	364.78	495.84
6771.335	5935.105	7192.08	6878.54	8401.38	9212.76

10220.08	10023.59	11673.79	13000.49	15751.785	15811.24
789.25	691.15	776.455	724.13	1015.865	1009.01
188.74	178.45	168.885	195.36	219.29	199.93
85.825	74.465	92.575	93.42	67.51	77.92
111.27	144.26	108.81	71.02	93.665	86.795
158.96	129.855	104.205	121.15	131.005	176.625
380.665	365.1	395.785	487.65	569.825	619.32
1267.355	1055.49	1295.535	1503.72	1728.365	1930.105
1878.18	1729.505	2013.54	2223.09	2173.9	2256.215
4414.625	4416.025	4762.885	4846.69	4421.36	4369.82
2771.535	3188.945	3403.085	3909.19	3243.245	3207.865
530.625	551.12	587.13	593.32	620.8	544.52
121.84	127.42	98.68	62.41	141.85	184.85
202.205	201.075	178.19	91.71	257.39	243.125
218.545	144.715	211.83	80.24	259.3	303.035
279.77	242.475	245.59	140.94	370.07	393.185
468.885	383.48	385.505	88.98	272.245	415.495
1037.87	918.08	994.285	429.52	659.695	840.4
1241.835	996.19	1078.335	601.47	803.83	823.125
16.265	6.42	8.29	6.18	7.27	14.285
37.795	28.365	22.96	16.93	26.325	37.565
131.745	132.685	111.535	92.78	164.83	153.1
313.03	226.695	197.605	228.99	230.62	311.585
63.18	66.4	55.275	71.33	89.66	72.955
16.46	20.24	19.76	9.59	8.89	13.975
12.04	5.695	9.545	4.01	6.15	11.075
6.085	6.365	3.125	4.87	2.04	5.515
9.57	10.775	9.455	6.33	5.035	11.025
15.275	10.515	12.49	18.12	10.135	20.32
23.665	18.155	13.515	21.1	12.415	24.32
52.035	42.55	38.82	44.9	29.64	38.04
101.64	72.74	66.11	72.03	48.315	59.355
73.16	25.62	46.7	18.8	33.305	43.255
7.265	4.205	5.015	3.85	5.95	5.045
2.415	0.995	0.625	1.32	1.43	1.5
NA	NA	NA	NA	0.16	0.075
2.27	0.425	3.78	1.97	0.555	3.74
1.065	2.36	1.11	0.59	4.545	4.355
47.925	43.6	35.76	47.35	78.27	69.78
138.55	99.795	120.455	173.44	204.235	188.335
5.35	7.465	6.53	9.23	10.255	15.295
37.64	30.9	25.575	33.47	30.815	34.6
NA	NA	NA	NA	0.165	NA
53.225	31.2	38.12	59.84	56.67	49.77
275.21	177.76	215.335	313.3	327.645	328.43
111.92	68.675	74.925	104.51	109.84	112.55

3.6	0.935	0.68	2.08	2.755	3.42
0.655	1.895	0.36	0.65	0.195	2.335
0.56	NA	0.39	NA	0.16	0.705
47.585	21.795	21.335	30.65	37.62	28.555
71.335	61.39	67.085	75.96	98.165	89.045
58.88	35.42	41.695	44.76	56.97	50
5.28	2.66	4.315	3.88	6.275	6.495
5.235	3.87	3.595	2.46	9.415	7.275
3.585	2.22	2.26	1.17	1.975	2.41
9.415	4.145	5.105	14.61	6.815	8.14
14.175	11.33	11.83	12.05	6.065	14.77
29.495	18.045	13.36	18.21	14.535	16.935
5.31	3.135	4.985	4.25	6.415	6.19
5.51	2.73	4.005	6.11	4.57	3.92
16.12	9.76	11.135	10.49	12.59	12.915
0.225	NA	NA	NA	NA	NA
13.385	10.215	14.49	15.21	16.155	18.155
11.175	3.64	5.05	6.13	7	11.055
1.15	0.145	0.275	0.39	NA	0.675
0.18	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
1.865	1.45	0.85	1.49	2.25	1.845
109.965	77.765	113.93	109.46	167.62	129.48
36.845	33.27	36.71	42.14	49.325	38.275
0.605	0.24	0.58	0.33	NA	0.55
0.315	NA	0.08	NA	NA	NA
NA	NA	NA	NA	NA	0.06
NA	NA	NA	NA	NA	NA
1.615	0.275	0.325	NA	0.47	1.43
33000	33000	33000	33000	33000	33000
557.6	421.6	525.055	627.44	798.13	723.165
1621.3	1356.875	1410.89	1758.98	1996.525	1693.295
37.23	27.21	29.815	25.12	35.165	36.085
1.49	0.86	0.92	NA	3.265	0.99
NA	NA	0.095	NA	0.335	NA
0.145	NA	0.105	NA	NA	0.09
18.16	14.895	18.44	16.62	17.875	15.78
649.675	475.885	592.045	793.54	948.29	899.73
8865.97	6094.385	7175.28	8973.95	10328.21	10187.6
2134.24	1444.095	1777.995	2053.46	2565.11	2020.31
29.985	25.62	34.65	35.11	50.89	33.005
23.745	21.85	21.765	22.82	36.55	38.045
0.67	0.78	0.625	0.41	1.08	0.89
2.93	0.94	1.9	3.45	5.015	5.17
401.435	279.775	324.565	474.41	451.125	444.045

7074.135	4826.93	5731.195	8103.93	7282.505	8212.835
5483.56	4242.885	4658.635	5331.05	6398.895	6558.32
221.54	152.215	172.92	215.4	217.165	191.375
209.115	171.825	146.97	270.39	245.22	187.155
62.49	50.32	55.045	64.84	47.515	53.945
5.6	3.285	3.46	11.11	5.155	7.585
11.205	5.465	7.265	15.16	9.84	14.05
146.68	119.695	152.395	170.82	183.88	207.11
563.045	359.5	496.825	637.36	771.73	692.245
154.41	140.155	158.64	176.68	217.45	194.44
366.055	287.795	318.515	408.75	362.18	297.315
399.355	295.86	340.795	406.19	413.28	285.595
129.18	96.725	124.235	163.74	82.16	85.445
3.075	0.72	2.535	2.64	2.605	4.52
55.21	16.285	51.845	62.98	45.835	76.415
238.985	118.52	209.8	262.23	248.975	310.91
36.285	18.05	27.275	32.72	32.025	49.355
64.945	38.105	50.965	79.39	55.95	61.36
371.01	242.37	329.635	502.7	358.065	345.165
691.455	375.265	570.03	641.12	641.16	573
0.3	NA	0.08	NA	NA	1.055
8.64	4.99	8.685	8.57	7.98	8.775
51.585	36.175	43.05	56.69	31.105	57.875
11.26	9.425	10.3	7.15	11.25	15.285
7.245	1.23	3.44	1.54	2.26	3.26
8.73	7.775	7.255	1.69	2.27	7.995
16.32	13.705	15.095	12.73	11.87	12.715
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
2.195	0.45	0.54	0.88	0.16	0.885
0.305	NA	0.125	NA	NA	0.105
NA	NA	NA	NA	NA	NA
1.77	0.085	0.325	NA	0.2	0.485
2.455	0.44	0.77	1.47	0.3	1.02
7.56	5.66	6.35	6.68	11.445	7.255
199.47	146.69	150.23	152.14	231.56	158.715
1	0.65	0.765	0.74	1.185	0.95
169.07	181.6	156.84	141.185	225.49	178.49
3731.66	3679.065	3430.73	3203.865	4925.06	4100.365
18.52	18.45	18.08	18.065	21.335	19.98
12.76	15.82	22.4	14.47	34.4	20.6
207.765	161.7	223.88	164.1	356.68	202.11
20.205	14.86	19.175	14.995	30.76	17.83
70.46	50.865	47.525	61.59	90.435	58.255
25.2	11.975	12.005	17.73	25.225	14.635
0.46	0.28	0.285	0.455	0.465	0.305

25.93	24.06	23.795	22.53	50.31	27.635
672.51	566.44	564.685	521.665	1437.41	679.085
751.845	649.605	703.25	614.29	1430.53	915.115
30.535	19.025	18.515	18.765	31.83	21.38
28.45	19.79	18.815	18.405	41.435	19.455
1571.525	999.96	999.09	1009.58	2457.215	1149.47
15645.12	9993.965	10402.535	10064.155	32105.125	12519.225
690.025	535.605	487.59	575.44	1237.98	560.79
0.195	0.185	0.205	0.165	0.385	0.11
2.615	1.675	2.01	2.23	4.545	1.875
32.74	22.23	21.285	26.045	59.955	25.65
9.09	7.21	6.745	7.45	14.275	8.825

aAGPS2_3	aAGPS2_4
25000	25000
5000	5000
5000	5000
1000	1000
1000	1000
76.55	60.9
132.68	114.655
386.18	345.735
NA	NA
6.05	3.595
1121.445	929.3
1430.645	1186.415
13.565	12.67
NA	NA
263.75	238.535
146.255	117.565
93.905	80.405
28.205	17.47
7.68	8.235
2.635	1.485
0.675	NA
6.45	7.885
NA	NA
21.5	16.645
215.065	165.44
7.385	1.7
1161.155	910.88
8.48	6.13
NA	NA
125.59	121
386.235	344.23
118.52	86.285
NA	NA
34.115	25.32
37.7	34.375
24.32	20.31
18.5	17.25
1.625	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
156.865	136.91

NA	NA	
	138.645	115.315
	16.765	13.855
	54.44	34.435
	11.875	10.4
	15.795	11.35
	1.73	NA
NA	NA	
NA	NA	
	2.7	1.89
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	0.57	0.62
NA	NA	
NA	NA	
NA	NA	
NA		2.87
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	2.86	0.77
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
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NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
6.485	3.48
30.19	24.945
NA	NA
45.465	46.01
200.39	170.21
3.715	3.13
34.225	27.805
1.655	1.485
NA	NA
20.335	19.305
0.775	0.405
24.21	25.06
187.95	134.475
112.965	167.465
273.075	182.835
158.95	170.085
572.215	384.205
2206.695	2400.36
2920.075	2210.17
NA	1.715

13.845	13.99
15.115	18.785
103.26	110.395
15.705	12.135
11.805	9.605
340.7	480.4
79.85	51.07
5.755	7.175
13.145	12.95
2.795	0.405
13.4	4.33
NA	1.285
NA	NA
6.105	3.06
NA	0.91
2.525	1.85
2.05	1.555
22.58	11.895
21.455	11.77
48.92	22.99
6.415	12.815
243.52	111.03
11.53	6.465
4000	4000
371.915	588.72
4.185	4.55
1.375	0.66
8.16	7.39
4.94	4.115
6.055	11.87
2.695	3.385
66.145	83.705
0.93	0.93
12.44	11.335
1.925	1.81
6.045	10.325
5.115	6.645
98.155	113.39
91.51	92.115
176.975	178.905
772.155	785.16
23.29	23.24
0.655	0.39
0.365	0.275
0.265	0.295
1.505	1.025

	2.11	2.28
	2.475	2.665
	8.14	10.43
	3.6	3.085
	0.285	0.575
	0.075	0.045
	50.615	42.185
	17.43	13.92
	0.67	0.525
	8.49	7.53
	54.545	45.575
	0.885	0.665
	0.41	0.34
	6.57	4.805
	1.295	1.305
	1.3	0.96
	0.735	0.765
	0.36	0.16
	0.77	2.845
	1.87	NA
NA		NA
	64.59	42.57
	38.96	26.4
NA		NA
	39.845	34.425
	212.505	150.165
	6.49	5.8
NA		NA
	13.04	9.7
	1.555	NA
	1.76	2.265
NA		NA
NA		NA
NA		NA
	1.435	0.645
NA		NA
	4.43	4.265
	12.715	11.29
NA		NA
	69.895	56.51
	81.29	84.825
	0.545	1.865
NA		0.22
	1.425	1.19
	1.28	1.97
	1.77	1.47

1.83	1.21
1.11	1.58
0.12	0.09
15.52	17.52
NA	NA
4.99	3.505
2.78	1.18
NA	NA
10.615	6.41
24.61	23.19
NA	NA
NA	NA
0.37	0.29
NA	NA
NA	0.075
0.275	0.125
NA	NA
1228.04	1101.045
362.03	330.485
23.905	21.19
2.645	2.225
1.035	0.9
2.43	1.535
112.68	99.63
7238.06	6330.35
6452.28	5407.705
764.915	665.265
23.47	18.24
5.09	5.305
16.02	14.04
1433.65	1303.745
4338.725	4361.74
19607.67	17133.365
5049.495	4421.645
301.715	279.58
15.21	15.22
28.845	30.07
616.575	558.285
4757.46	4222.685
6838.56	5913.01
790.64	676.855
341.29	301.785
286.12	256.665
331.825	319.275
416.42	380.475
1014.5	911.6

310.78	256.475
298.3	275.89
710.11	634.505
690.045	597.135
129.13	118.725
84.945	79.18
88.86	73.85
144.055	140.145
263.14	224.91
21.94	21.61
36.46	34.69
52.14	46.305
42.41	38.31
39.75	39.08
45.43	42.285
5.935	4.77
8.45	8.005
13.07	13.74
12.985	12.955
17.44	17.555
13.44	14.84
2376.835	1946.735
461.535	375.36
13.41	10.075
0.765	0.65
0.555	0.26
0.74	0.415
11.915	10.625
32027.165	29638.305
14832.45	12944.855
292.9	248.04
11.84	8.805
4.54	2.685
4.15	3.035
67.86	58.96
55444.375	51714.09
168867.3	148486.03
29635.14	25269.35
269.42	242.915
14.905	13.34
14.435	11.76
413.96	359.57
14961.74	13106.215
252978.97	213416.155
152133.625	135906.155
3897.645	3507.805

	291.49	259.01
	82.8	68.575
	316.165	294.235
	833.53	786.075
	17647.63	15451.045
	141962.55	124197.38
	10367.81	8939.225
	3556.745	3300.515
	2574.37	2208.725
	646.27	542.845
	295.595	273.905
	958.06	906.405
	7935.795	7339.705
	1509.365	1420.235
	1754.145	1689.895
	5123.37	4801.995
	4396.825	4018.215
	35.305	38.92
	64.07	64.645
	236.785	217.49
	140.62	128.175
	119.535	113.125
	512.42	477.495
	1696.945	1512.755
	7.45	7.275
	22.695	20.72
	76.55	76.5
	41.97	44.06
	16.7	17.02
	44.98	43.19
	108.695	101.125
	1.79	1.415
	3.65	3.685
	16.81	16.105
	17.04	16.425
	4.835	5.305
	9.47	9.495
	13.81	13.26
	19.215	14.635
	7.16	7.3
	15.195	17.825
NA	NA	
	155.465	157.505
	1061.82	1036.62
	459.515	385.015
	26.58	21.555

	144.15	158.39
	2.065	1.15
	114.355	95.12
	45.475	48.23
	59.615	60.085
	64.595	64.125
	247.25	257.495
	261.3	262.645
	166.295	158.085
	209.5	205.315
	70.14	53.11
	187.065	131.615
	5.105	7.385
	2.545	1.14
	0.89	NA
NA		NA
	2.625	3.505
	409.6	367.665
	534.53	435.93
	15.395	11.015
	4.36	2.69
	14.445	7.53
	0.795	NA
	3.605	2.36
	1366.075	1495.54
	11791.37	11174.435
	4060	3383.7
	33.33	34.195
	13.445	10.87
	0.83	0.88
	12.995	10.3
	1979.485	2055.355
	32070.7	29576.63
	43138.125	36221.42
	1316.205	1157.59
	313	290.635
	91.54	85.12
	10.505	11.405
	766.03	739.18
	14827.065	14125.115
	72445.605	66579.27
	6224.375	6024.005
	3922.315	3698.345
	3077.1	2889.655
	631.7	536.56
	99.975	87.83

346.12	326.185
2082.355	1962.485
1631.9	1550.2
8740.88	8256.055
14961.535	13946.575
8119.95	7467.225
35.265	39.235
69.18	81.445
318.83	327.14
144.115	146.43
285.46	308.92
1740.325	1667.5
6040.81	5496.015
8.655	7.565
25.895	27.88
90.985	115.195
43.075	43.735
26.725	34.65
111.36	106.315
147.86	145.555
1.325	NA
1.99	2.77
13.935	17.455
7.675	9.435
7.29	5.605
27.99	28.535
27.555	32.125
8.4	6.495
102.28	79.155
38.545	33.84
4.565	1.58
16.35	10.295
36.465	30.73
65.92	66.325
1.78	1.095
2.855	2.19
31.505	20.03
44.39	25.045
43.255	49.005
4.43	1.195
24.35	12.625
372.61	313.33
328.63	272.075
20.395	19.195
1.67	2.4
1.095	1.685

98.18	90.005
424.295	354.715
105.685	75.33
44.365	37.72
31.845	40.195
112.82	93.265
186.23	146.115
84.025	51.76
30.17	23.65
11.035	15.42
27.67	18.875
36.575	27.535
39.075	40.75
2.535	2.135
5.59	4.905
30.75	15.35
57.94	53.95
8.97	5.04
8.295	5.085
1.6	2.78
1.955	0.725
4.19	2.57
38.83	41.2
390.765	333.31
164.83	140.935
0.745	0.36
1.85	0.585
13.025	6.775
2.955	3.065
10000	10000
122.42	115.77
1005.455	899.43
656.64	540.535
8.09	5.595
0.73	NA
1.49	0.68
2.325	3.28
497.63	424.88
8340.97	7443.78
9985.82	8797.985
132.73	111.345
4.045	1.26
1.9	1.655
3.33	5.87
505.79	459.98
11052.37	9524.445

	18547.35	15336.58
	1116.55	1027.495
	257.035	231.635
	87.59	82.425
	111.135	107.195
	180.225	178.74
	721.155	625.4
	2351.525	1873.925
	2674.4	2172.06
	4991.645	4502.355
	3483.97	3084.76
	549.74	514.115
	166.54	165.645
	301.95	302.945
	347.745	312.725
	474.22	399.81
	453.31	349.895
	1050.935	811.645
	1068.38	917.88
	16.215	14.935
	45.54	40.525
	185.74	171.7
	356.135	319.255
	104.375	79.595
	16.235	18.64
	16.525	11.575
	6.79	8.365
	11.225	15.55
	20.54	17.45
	33.095	28.07
	46.005	43.635
	84.92	78.6
	49.875	35.53
	5.84	4.615
	1.835	0.725
NA	NA	
	0.445	0.375
	0.975	2.185
	71.715	64.08
	178.255	156.535
	13.825	11.8
	28.955	30.925
	0.16	0.08
	61.175	51.98
	320.885	312.51
	107.045	92.43

5.32	4.495
2.15	1.78
0.28	0.38
41.115	36.05
95.385	87.625
59.1	49.91
7.585	8.93
6.955	4.795
3.94	5.745
9.24	7.47
14.625	12.85
25.165	22.54
6.145	5.87
4.745	7.82
12.01	10.595
NA	NA
11.22	8.305
5.2	3.645
0.285	0.205
NA	NA
NA	NA
NA	NA
0.47	0.215
115.145	135.305
31.47	36.12
NA	NA
0.08	NA
NA	NA
0.17	NA
0.35	0.46
33000	33000
724.18	704.67
1965.335	1638.33
38.085	30.825
1.065	1.125
0.165	0.215
NA	NA
17.29	18.135
878.85	840.71
9906.305	8803.505
2316.09	1906.01
45.315	34.865
34.03	30.81
0.555	0.395
2.935	1.51
495.225	436.245

	9028.54	7774.955
	6841.095	6104.11
	238.74	209.845
	201.7	184.405
	66.505	50.4
	4.95	4.34
	17.44	12.85
	241.785	212.74
	764.57	620.215
	210.91	188.115
	320.49	295.515
	325.115	286.68
	89.855	87.19
	3.295	6.46
	81.84	72.18
	331.27	295.31
	46.005	40.8
	63.84	67.23
	349.595	340.555
	566.275	605.93
	0.17	0.29
	11.69	9.905
	64.025	58.92
	24.4	14.09
	3.415	1.65
	9.345	8.815
	14.52	12.56
NA	NA	
	0.055	NA
	0.82	0.995
	0.275	0.21
	0.15	NA
	0.66	0.345
	0.64	0.86
	7.93	8.135
	212.78	187.865
	1.54	0.83
	209.31	201.775
	4753.35	4189.99
	24.48	26.965
	26.33	24.58
	258.085	213.415
	20.085	19.92
	98.22	63.11
	29.8	20.82
	0.54	0.22

42.855	27.565
1079.685	678.335
1393.655	1113.635
29.1	28.27
29.42	22.895
1773.04	1329.12
19803.62	15741.44
842.27	694.33
0.295	0.18
3.305	2.38
46.085	36.98
12.32	12.435

LipidName	standard_ion	Day3_control 1
C12SM	C12SM	25000
C17Cer	NA	NA
C17Cer(-H2O)	C17Cer	5000
C8GC	NA	NA
C8GC(-H2O)	C8GC	1000
Cer32:1	NA	NA
Cer32:1(-H2O)	C17Cer	33.385
Cer32:2	C17Cer	NA
Cer34:1	NA	NA
Cer34:1(-H2O)	C17Cer	2361.3
Cer36:1	NA	NA
Cer36:1(-H2O)	C17Cer	69.165
Cer36:2	C17Cer	1.29
Cer38:1	NA	NA
Cer38:1(-H2O)	C17Cer	15.215
Cer38:2	C17Cer	1.18
Cer40:1	NA	NA
Cer40:1(-H2O)	C17Cer	109.11
Cer40:2	NA	NA
Cer40:2(-H2O)	C17Cer	34.65
Cer42:1	NA	NA
Cer42:1(-H2O)	C17Cer	1098.375
Cer42:2	C17Cer	136.21
Cer42:2(-H2O)	C17Cer	2793.275
Cer44:1	NA	NA
Cer44:1(-H2O)	C17Cer	27.86
Cer44:2	C17Cer	6.49
Cer44:2(-H2O)	C17Cer	57.485
CerP32:1	NA	NA
CerP34:1(-H2O)	C17Cer	6.06
CerP36:1	C17Cer	5.075
CerP36:1(-H2O)	C17Cer	17.47
CerP38:1	C17Cer	0.445
CerP38:1(-H2O)	C17Cer	2.085
CerP42:1(-H2O)	C17Cer	1.365
CL68:3_C16:0	CL56:0	109.79
CL68:3_C16:1	CL56:0	209.62
CL68:3_C18:1	CL56:0	813.36
CL68:3_C18:2	CL56:0	NA
CL68:4_C16:0	CL56:0	NA
CL68:4_C16:1	CL56:0	1642.37
CL68:4_C18:1	CL56:0	1972.37
CL68:4_C18:2	CL56:0	16.23
CL68:5_C16:0	CL56:0	NA
CL68:5_C16:1	CL56:0	154.62

CL68:5_C18:1	CL56:0		62.27
CL68:5_C18:2	CL56:0		34.66
CL68:6_C16:1	CL56:0	NA	
CL68:6_C18:2	CL56:0	NA	
CL70:2_C16:0	CL56:0		20.99
CL70:2_C18:0	CL56:0		12.32
CL70:2_C18:1	CL56:0		84.28
CL70:2_C20:1	CL56:0	NA	
CL70:3_C16:0	CL56:0		90.77
CL70:3_C18:1	CL56:0		961.5
CL70:4_C16:0	CL56:0		24.66
CL70:4_C18:1	CL56:0		5039.27
CL70:4_C18:2	CL56:0		49.28
CL70:5_C16:0	CL56:0	NA	
CL70:5_C16:1	CL56:0		426.25
CL70:5_C18:1	CL56:0		1262.79
CL70:5_C18:2	CL56:0		335.15
CL70:6_C16:0	CL56:0	NA	
CL70:6_C16:1	CL56:0		23.19
CL70:6_C18:1	CL56:0		35.46
CL70:6_C18:2	CL56:0		24.41
CL70:7_C16:1	CL56:0	NA	
CL70:7_C18:2	CL56:0	NA	
CL72:10_C16:1	CL56:0	NA	
CL72:10_C20:4	CL56:0	NA	
CL72:11_C16:1	CL56:0	NA	
CL72:11_C18:2	CL56:0	NA	
CL72:11_C20:4	CL56:0	NA	
CL72:11_C22:6	CL56:0	NA	
CL72:4_C18:1	CL56:0		2547.43
CL72:5_C18:0	CL56:0	NA	
CL72:5_C18:1	CL56:0		1668.66
CL72:5_C18:2	CL56:0		251.09
CL72:6_C18:1	CL56:0		270.96
CL72:6_C18:2	CL56:0		95.57
CL72:7_C18:1	CL56:0		17.07
CL72:7_C18:2	CL56:0	NA	
CL72:8_C18:2	CL56:0	NA	
CL72:9_C16:0	CL56:0	NA	
CL72:9_C16:1	CL56:0	NA	
CL72:9_C18:2	CL56:0	NA	
CL72:9_C18:3	CL56:0	NA	
CL72:9_C20:4	CL56:0	NA	
CL74:10_C16:0	CL56:0	NA	
CL74:10_C16:1	CL56:0	NA	
CL74:10_C18:1	CL56:0	NA	

CL74:10_C18:2	CL56:0	NA	
CL74:10_C20:3	CL56:0	NA	
CL74:10_C20:4	CL56:0	NA	
CL74:10_C22:6	CL56:0	NA	
CL74:5_C18:1	CL56:0		12.39
CL74:5_C18:2	CL56:0	NA	
CL74:5_C20:1	CL56:0	NA	
CL74:6_C18:1	CL56:0		38.09
CL74:6_C18:2	CL56:0	NA	
CL74:6_C20:1	CL56:0	NA	
CL74:6_C20:2	CL56:0	NA	
CL74:7_C18:1	CL56:0		10.88
CL74:7_C18:2	CL56:0	NA	
CL74:7_C20:1	CL56:0	NA	
CL74:7_C20:2	CL56:0	NA	
CL74:8_C18:2	CL56:0	NA	
CL74:8_C20:2	CL56:0	NA	
CL74:9_C18:1	CL56:0	NA	
CL74:9_C18:2	CL56:0	NA	
CL74:9_C20:3	CL56:0	NA	
CL74:9_C20:4	CL56:0	NA	
CL76:10_C18:1	CL56:0	NA	
CL76:10_C18:2	CL56:0	NA	
CL76:10_C20:3	CL56:0	NA	
CL76:10_C20:4	CL56:0	NA	
CL76:10_C22:5	CL56:0	NA	
CL76:10_C22:6	CL56:0	NA	
CL76:11_C18:1	CL56:0	NA	
CL76:11_C18:2	CL56:0	NA	
CL76:11_C22:5	CL56:0	NA	
CL76:11_C22:6	CL56:0	NA	
CL76:12_C18:2	CL56:0	NA	
CL76:12_C22:6	CL56:0	NA	
CL76:9_C18:0	CL56:0	NA	
CL76:9_C18:1	CL56:0	NA	
CL76:9_C18:2	CL56:0	NA	
CL76:9_C20:1	CL56:0	NA	
CL76:9_C20:4	CL56:0	NA	
CL76:9_C22:6	CL56:0	NA	
CL78:12_C18:1	CL56:0	NA	
CL78:12_C18:2	CL56:0	NA	
CL78:12_C20:2	CL56:0	NA	
CL78:12_C20:3	CL56:0	NA	
CL78:12_C22:6	CL56:0	NA	
CL78:13_C18:2	CL56:0	NA	
CL78:13_C20:3	CL56:0	NA	

CL78:13_C22:6	CL56:0	NA	
CL78:14_C18:2	CL56:0	NA	
CL78:14_C20:4	CL56:0	NA	
CL78:14_C22:6	CL56:0	NA	
CL78:15_C18:2	CL56:0	NA	
CL78:15_C18:3	CL56:0	NA	
CL78:15_C20:4	CL56:0	NA	
CL78:15_C22:6	CL56:0	NA	
CL80:14_C18:2	CL56:0	NA	
CL80:14_C22:6	CL56:0	NA	
DHCer28:1(-H2O)	C17Cer		6.27
DHCer30:1	C17Cer		0.435
DHCer32:1	C17Cer	NA	
DHCer34:0(-H2O)	C17Cer		42.005
DHCer36:0	NA	NA	
DHCer36:0(-H2O)	C17Cer		5.375
DHCer38:1(-H2O)	C17Cer	NA	
DHCer40:0(-H2O)	C17Cer		11.635
DHCer40:1(-H2O)	C17Cer		1.82
DHCer42:0(-H2O)	C17Cer		36.715
DHCer42:1	C17Cer		2.63
DHCer42:1(-H2O)	C17Cer		144.58
DHCer44:1(-H2O)	C17Cer		3.86
DLPC	DLPC		4000
GlcCer28:1	NA	NA	
GlcCer28:1(-H2O)	C8GC	NA	
GlcCer28:2(-H2O)	C8GC		1.1
GlcCer30:1(-H2O)	C8GC		5.035
GlcCer30:2(-H2O)	C8GC		1.055
GlcCer32:1(-H2O)	C8GC		27.925
GlcCer32:2(-H2O)	C8GC		2.71
GlcCer34:1(-H2O)	C8GC		2761.95
GlcCer34:2(-H2O)	C8GC		2.775
GlcCer36:1(-H2O)	C8GC		98.245
GlcCer36:2(-H2O)	C8GC		2.025
GlcCer38:1(-H2O)	C8GC		20.26
GlcCer38:2(-H2O)	C8GC		4.13
GlcCer40:1(-H2O)	C8GC		249.005
GlcCer40:2(-H2O)	C8GC		21.855
GlcCer42:1(-H2O)	C8GC		1085.935
GlcCer42:2(-H2O)	C8GC		2554.3
GlcCer44:2(-H2O)	C8GC		20.89
GlcDHCer28:0(-H2O)	C8GC		0.46
GlcDHCer36:0(-H2O)	C8GC		1.31
GlcDHCer38:0(-H2O)	C8GC		0.81
GlcDHCer40:0(-H2O)	C8GC		2.25

GlcDHCer40:1(-H2O)	C8GC		0.33
GlcDHCer42:0(-H2O)	C8GC		7.92
GlcDHCer42:1(-H2O)	C8GC		40.515
LysoPC14:0	DLPC		4.93
LysoPC14:1	DLPC	NA	
LysoPC14:2	DLPC	NA	
LysoPC16:0	DLPC		205.36
LysoPC16:1	DLPC		17.69
LysoPC16:2	DLPC		0.76
LysoPC18:0	DLPC		165.13
LysoPC18:1	DLPC		291.21
LysoPC18:2	DLPC		1.57
LysoPC20:0	DLPC		5.78
LysoPC20:1	DLPC		67.09
LysoPC20:2	DLPC		4.81
LysoPC22:0	DLPC		3.59
LysoPC22:1	DLPC		5.35
LysoPC22:2	DLPC		1.64
LysoPE14:0	PE31:1	NA	
LysoPE14:1	PE31:1	NA	
LysoPE14:2	PE31:1	NA	
LysoPE16:0	PE31:1		99.12
LysoPE16:1	PE31:1		21.52
LysoPE16:2	PE31:1	NA	
LysoPE18:0	PE31:1		583.96
LysoPE18:1	PE31:1		605.76
LysoPE18:2	PE31:1		12.16
LysoPE20:0	PE31:1		9.82
LysoPE20:1	PE31:1		246.34
LysoPE20:2	PE31:1		13.16
LysoPE22:0	PE31:1		4.32
LysoPE22:1	PE31:1		54.47
LysoPE22:2	PE31:1		26.91
LysoPI14:0	PI31:1	NA	
LysoPI14:1	PI31:1	NA	
LysoPI14:2	PI31:1	NA	
LysoPI16:0	PI31:1	NA	
LysoPI16:1	PI31:1	NA	
LysoPI16:2	PI31:1	NA	
LysoPI18:0	PI31:1		67.73
LysoPI18:1	PI31:1		3.915
LysoPI18:2	PI31:1	NA	
LysoPI20:0	PI31:1	NA	
LysoPI20:1	PI31:1	NA	
LysoPI20:2	PI31:1	NA	
LysoPI22:0	PI31:1	NA	

LysoPI22:1	PI31:1	NA	
LysoPI22:2	PI31:1	NA	
LysoPS14:0	PS31:1	NA	
LysoPS14:1	PS31:1		3.885
LysoPS14:2	PS31:1	NA	
LysoPS16:0	PS31:1	NA	
LysoPS16:1	PS31:1	NA	
LysoPS16:2	PS31:1	NA	
LysoPS18:0	PS31:1		17.185
LysoPS18:1	PS31:1		0.965
LysoPS18:2	PS31:1	NA	
LysoPS20:0	PS31:1	NA	
LysoPS20:1	PS31:1	NA	
LysoPS20:2	PS31:1	NA	
LysoPS22:0	PS31:1	NA	
LysoPS22:1	PS31:1	NA	
LysoPS22:2	PS31:1	NA	
PC(O-)30:0	DLPC		2345.49
PC(O-)30:1	DLPC		1409.54
PC(O-)30:2	DLPC		28.73
PC(O-)30:3	DLPC		7.29
PC(O-)30:4	DLPC		3.28
PC(O-)30:5	DLPC		1.76
PC(O-)30:6	DLPC		105.38
PC(O-)32:0	DLPC		6683.55
PC(O-)32:1	DLPC		9539.54
PC(O-)32:2	DLPC		1614.41
PC(O-)32:3	DLPC		20.89
PC(O-)32:4	DLPC		3.64
PC(O-)32:5	DLPC		16.33
PC(O-)32:6	DLPC		1622.29
PC(O-)34:0	DLPC		7001.45
PC(O-)34:1	DLPC		40029.67
PC(O-)34:2	DLPC		11427.47
PC(O-)34:3	DLPC		464.97
PC(O-)34:4	DLPC		21.86
PC(O-)34:5	DLPC		43.09
PC(O-)36:0	DLPC		2242.74
PC(O-)36:1	DLPC		11636.25
PC(O-)36:2	DLPC		12237.89
PC(O-)36:3	DLPC		2000.19
PC(O-)36:4	DLPC		488.58
PC(O-)36:5	DLPC		320.95
PC(O-)36:6	DLPC		1329.47
PC(O-)38:1	DLPC		2855.32
PC(O-)38:2	DLPC		4102.92

PC(O-)38:3	DLPC	859.11
PC(O-)38:4	DLPC	541.41
PC(O-)38:5	DLPC	987.54
PC(O-)38:6	DLPC	857.98
PC(O-)40:2	DLPC	979.87
PC(O-)40:3	DLPC	300.91
PC(O-)40:4	DLPC	207.74
PC(O-)40:5	DLPC	408.48
PC(O-)40:6	DLPC	431.66
PC(O-)42:1	DLPC	552.61
PC(O-)42:2	DLPC	1497.84
PC(O-)42:3	DLPC	301.71
PC(O-)42:4	DLPC	105.56
PC(O-)42:5	DLPC	165.66
PC(O-)42:6	DLPC	191.14
PC(O-)44:1	DLPC	69.81
PC(O-)44:2	DLPC	188.85
PC(O-)44:3	DLPC	92.52
PC(O-)44:4	DLPC	69.78
PC(O-)44:5	DLPC	122.86
PC(O-)44:6	DLPC	65.4
PC28:0	DLPC	2230.67
PC28:1	DLPC	225.72
PC28:2	DLPC	6.17
PC28:3	DLPC	0.78
PC28:4	DLPC	0.85
PC28:5	DLPC	0.72
PC28:6	DLPC	13.68
PC30:0	DLPC	36766.02
PC30:1	DLPC	9564.58
PC30:2	DLPC	327.81
PC30:3	DLPC	11.16
PC30:4	DLPC	8.46
PC30:5	DLPC	4.3
PC30:6	DLPC	119.6
PC32:0	DLPC	56043.03
PC32:1	DLPC	122677.84
PC32:2	DLPC	2771.67
PC32:3	DLPC	50.23
PC32:4	DLPC	10.65
PC32:5	DLPC	29.27
PC32:6	DLPC	526.79
PC34:0	DLPC	43865.82
PC34:1	DLPC	576777.15
PC34:2	DLPC	63811.81
PC34:3	DLPC	805.26

PC34:4	DLPC	117.69
PC34:5	DLPC	61.01
PC34:6	DLPC	801.74
PC36:0	DLPC	10750.1
PC36:1	DLPC	173611.58
PC36:2	DLPC	440640.88
PC36:3	DLPC	11113.1
PC36:4	DLPC	4275.28
PC36:5	DLPC	598.69
PC36:6	DLPC	303.08
PC38:0	DLPC	922.03
PC38:1	DLPC	7653.87
PC38:2	DLPC	52062.84
PC38:3	DLPC	8291.51
PC38:4	DLPC	5527.3
PC38:5	DLPC	8800.22
PC38:6	DLPC	3511.63
PC40:0	DLPC	313.81
PC40:1	DLPC	986.78
PC40:2	DLPC	3048.96
PC40:3	DLPC	1599.96
PC40:4	DLPC	1316.94
PC40:5	DLPC	3873.62
PC40:6	DLPC	4854.7
PC42:0	DLPC	180.2
PC42:1	DLPC	775.69
PC42:2	DLPC	1595.27
PC42:3	DLPC	574.01
PC42:4	DLPC	240.6
PC42:5	DLPC	807.02
PC42:6	DLPC	1168.02
PC44:0	DLPC	102.67
PC44:1	DLPC	351.55
PC44:2	DLPC	790.61
PC44:3	DLPC	457.44
PC44:4	DLPC	68.89
PC44:5	DLPC	128.38
PC44:6	DLPC	137.16
PE(O-)30:0	PE31:1	12.47
PE(O-)30:1	PE31:1	4.92
PE(O-)32:2	PE31:1	11
PE(O-)32:5	PE31:1	NA
PE(O-)34:0	PE31:1	252.06
PE(O-)34:1	PE31:1	631.42
PE(O-)34:2	PE31:1	167.23
PE(O-)34:3	PE31:1	28.65

PE(O-)34:4	PE31:1		144.75
PE(O-)34:5	PE31:1		2.96
PE(O-)36:3	PE31:1		153
PE(O-)36:4	PE31:1		62.12
PE(O-)36:5	PE31:1		81.14
PE(O-)36:6	PE31:1		78.07
PE(O-)38:4	PE31:1		260.81
PE(O-)38:5	PE31:1		336.26
PE(O-)38:6	PE31:1		373
PE(O-)40:6	PE31:1		310.05
PE28:0	PE31:1		17.27
PE28:1	PE31:1		30.08
PE28:2	PE31:1	NA	
PE28:3	PE31:1	NA	
PE28:4	PE31:1	NA	
PE28:5	PE31:1	NA	
PE28:6	PE31:1	NA	
PE30:0	PE31:1		99.48
PE30:1	PE31:1		43.01
PE30:2	PE31:1	NA	
PE30:3	PE31:1	NA	
PE30:4	PE31:1	NA	
PE30:5	PE31:1	NA	
PE30:6	PE31:1	NA	
PE32:0	PE31:1		552.39
PE32:1	PE31:1		1902.83
PE32:2	PE31:1		91.02
PE32:3	PE31:1		4.11
PE32:4	PE31:1	NA	
PE32:5	PE31:1	NA	
PE32:6	PE31:1		10.61
PE34:0	PE31:1		1813.85
PE34:1	PE31:1		17808.58
PE34:2	PE31:1		5817.39
PE34:3	PE31:1		99.32
PE34:4	PE31:1		35.24
PE34:5	PE31:1		5.13
PE34:6	PE31:1		16.16
PE36:0	PE31:1		6047.82
PE36:1	PE31:1		106707.13
PE36:2	PE31:1		118974.4
PE36:3	PE31:1		3012.05
PE36:4	PE31:1		1480.39
PE36:5	PE31:1		247.52
PE36:6	PE31:1		33.89
PE38:0	PE31:1		306.5

PE38:1	PE31:1		2097.58
PE38:2	PE31:1		11357.91
PE38:3	PE31:1		4585.37
PE38:4	PE31:1		14958.17
PE38:5	PE31:1		8548.76
PE38:6	PE31:1		1530.41
PE40:0	PE31:1		81.61
PE40:1	PE31:1		404.93
PE40:2	PE31:1		1692.32
PE40:3	PE31:1		1032.88
PE40:4	PE31:1		2175.04
PE40:5	PE31:1		7452.42
PE40:6	PE31:1		13345.59
PE42:0	PE31:1		43.43
PE42:1	PE31:1		264.37
PE42:2	PE31:1		423.24
PE42:3	PE31:1		240.36
PE42:4	PE31:1		251.13
PE42:5	PE31:1		742.33
PE42:6	PE31:1		708.83
PE44:0	PE31:1		11.77
PE44:1	PE31:1		37.82
PE44:2	PE31:1		81.26
PE44:3	PE31:1		65.77
PE44:4	PE31:1		46.86
PE44:5	PE31:1		105.16
PE44:6	PE31:1		96.16
PI(O-)30:0	PI31:1		0.925
PI(O-)30:1	PI31:1		26.755
PI(O-)30:2	PI31:1		1.005
PI(O-)30:3	PI31:1	NA	
PI(O-)30:5	PI31:1	NA	
PI(O-)30:6	PI31:1		2.64
PI(O-)32:2	PI31:1		30.34
PI(O-)32:3	PI31:1	NA	
PI(O-)32:4	PI31:1	NA	
PI(O-)32:5	PI31:1		8.725
PI(O-)32:6	PI31:1		7.765
PI(O-)34:2	PI31:1		1.94
PI(O-)34:5	PI31:1	NA	
PI(O-)34:6	PI31:1		5.825
PI(O-)36:1	PI31:1		90.92
PI(O-)36:2	PI31:1		68.63
PI(O-)36:3	PI31:1		5.765
PI(O-)36:4	PI31:1	NA	
PI(O-)36:5	PI31:1	NA	

PI(O-)38:1	PI31:1		118.885
PI(O-)38:2	PI31:1		384.88
PI(O-)38:3	PI31:1		75.27
PI(O-)38:4	PI31:1		23.72
PI(O-)38:5	PI31:1		18.465
PI(O-)40:2	PI31:1		109.715
PI(O-)40:3	PI31:1		160.605
PI(O-)40:4	PI31:1		52.86
PI(O-)40:5	PI31:1		19.57
PI(O-)42:1	PI31:1		5.085
PI(O-)42:2	PI31:1		44.745
PI(O-)42:3	PI31:1		35.78
PI(O-)42:6	PI31:1		22.99
PI(O-)44:1	PI31:1		1.23
PI(O-)44:4	PI31:1		5.2
PI28:0	PI31:1	NA	
PI28:1	PI31:1		4.885
PI28:2	PI31:1	NA	
PI28:3	PI31:1	NA	
PI28:4	PI31:1	NA	
PI28:5	PI31:1	NA	
PI28:6	PI31:1	NA	
PI30:0	PI31:1		4.245
PI30:1	PI31:1		110.445
PI30:2	PI31:1		2.52
PI30:3	PI31:1	NA	
PI30:4	PI31:1	NA	
PI30:5	PI31:1		1.3
PI30:6	PI31:1	NA	
PI31:1	PI31:1		10000
PI32:0	PI31:1		128.255
PI32:1	PI31:1		260.565
PI32:2	PI31:1		94.705
PI32:3	PI31:1	NA	
PI32:4	PI31:1	NA	
PI32:5	PI31:1	NA	
PI32:6	PI31:1	NA	
PI34:0	PI31:1		958.785
PI34:1	PI31:1		8438.245
PI34:2	PI31:1		1958.265
PI34:3	PI31:1		5.645
PI34:4	PI31:1	NA	
PI34:5	PI31:1	NA	
PI34:6	PI31:1	NA	
PI36:0	PI31:1		1459.715
PI36:1	PI31:1		31473.82

PI36:2	PI31:1		31667.205
PI36:3	PI31:1		479.085
PI36:4	PI31:1		236.82
PI36:5	PI31:1		13.865
PI36:6	PI31:1		28.34
PI38:0	PI31:1		172.575
PI38:1	PI31:1		2628.85
PI38:2	PI31:1		12790.015
PI38:3	PI31:1		8095.195
PI38:4	PI31:1		21938.685
PI38:5	PI31:1		5761.465
PI38:6	PI31:1		53.43
PI40:0	PI31:1		128.175
PI40:1	PI31:1		358.845
PI40:2	PI31:1		1490.57
PI40:3	PI31:1		1169.345
PI40:4	PI31:1		1024.54
PI40:5	PI31:1		1813.045
PI40:6	PI31:1		936.54
PI42:0	PI31:1		9.065
PI42:1	PI31:1		121.665
PI42:2	PI31:1		495.195
PI42:3	PI31:1		417.15
PI42:4	PI31:1		68.205
PI42:5	PI31:1		65.62
PI42:6	PI31:1		35.41
PI44:0	PI31:1	NA	
PI44:1	PI31:1		5.39
PI44:2	PI31:1		21.93
PI44:3	PI31:1		56.005
PI44:4	PI31:1		42.87
PI44:5	PI31:1		77.585
PI44:6	PI31:1		21.75
PS(O-)30:0	PS31:1		0.905
PS(O-)30:1	PS31:1	NA	
PS(O-)30:2	PS31:1	NA	
PS(O-)30:6	PS31:1	NA	
PS(O-)32:2	PS31:1	NA	
PS(O-)34:0	PS31:1		1.06
PS(O-)34:1	PS31:1		17.435
PS(O-)34:2	PS31:1	NA	
PS(O-)34:3	PS31:1		5.06
PS(O-)34:5	PS31:1	NA	
PS(O-)36:0	PS31:1		15.825
PS(O-)36:1	PS31:1		136.615
PS(O-)36:2	PS31:1		16.895

PS(O-)36:3	PS31:1	NA	
PS(O-)36:4	PS31:1	NA	
PS(O-)36:5	PS31:1	NA	
PS(O-)38:0	PS31:1		20.175
PS(O-)38:1	PS31:1		41.445
PS(O-)38:2	PS31:1		16.115
PS(O-)38:3	PS31:1	NA	
PS(O-)38:4	PS31:1	NA	
PS(O-)38:5	PS31:1		0.425
PS(O-)38:6	PS31:1		17.27
PS(O-)40:1	PS31:1		3.13
PS(O-)40:2	PS31:1		5.045
PS(O-)40:5	PS31:1		2.35
PS(O-)40:6	PS31:1		3.525
PS(O-)42:2	PS31:1		10.015
PS(O-)44:6	PS31:1	NA	
PS28:0	PS31:1		1.935
PS28:1	PS31:1	NA	
PS28:2	PS31:1	NA	
PS28:3	PS31:1	NA	
PS28:4	PS31:1	NA	
PS28:5	PS31:1	NA	
PS28:6	PS31:1	NA	
PS30:0	PS31:1	NA	
PS30:1	PS31:1		3.61
PS30:2	PS31:1	NA	
PS30:3	PS31:1	NA	
PS30:4	PS31:1	NA	
PS30:5	PS31:1	NA	
PS30:6	PS31:1	NA	
PS31:1	PS31:1		33000
PS32:0	PS31:1		23.46
PS32:1	PS31:1		95.82
PS32:2	PS31:1	NA	
PS32:3	PS31:1	NA	
PS32:4	PS31:1	NA	
PS32:5	PS31:1	NA	
PS32:6	PS31:1		7.16
PS34:0	PS31:1		194.75
PS34:1	PS31:1		3100.06
PS34:2	PS31:1		125.64
PS34:3	PS31:1	NA	
PS34:4	PS31:1	NA	
PS34:5	PS31:1	NA	
PS34:6	PS31:1	NA	
PS36:0	PS31:1		1764.57

PS36:1	PS31:1		31866.25
PS36:2	PS31:1		3965.26
PS36:3	PS31:1		38.635
PS36:4	PS31:1		23.115
PS36:5	PS31:1	NA	
PS36:6	PS31:1	NA	
PS38:0	PS31:1		35.01
PS38:1	PS31:1		545.03
PS38:2	PS31:1		718.145
PS38:3	PS31:1		283.315
PS38:4	PS31:1		391.93
PS38:5	PS31:1		48.525
PS38:6	PS31:1		10.865
PS40:0	PS31:1		3.165
PS40:1	PS31:1		119.73
PS40:2	PS31:1		387.73
PS40:3	PS31:1		55.195
PS40:4	PS31:1		386.16
PS40:5	PS31:1		1233.695
PS40:6	PS31:1		1984.805
PS42:0	PS31:1		1.38
PS42:1	PS31:1		38.08
PS42:2	PS31:1		73.06
PS42:3	PS31:1		12.29
PS42:4	PS31:1		23.56
PS42:5	PS31:1		84.025
PS42:6	PS31:1		38.065
PS44:0	PS31:1	NA	
PS44:1	PS31:1	NA	
PS44:2	PS31:1		0.41
PS44:3	PS31:1	NA	
PS44:4	PS31:1	NA	
PS44:5	PS31:1	NA	
PS44:6	PS31:1		0.865
SM32:0	C12SM		2.025
SM32:1	C12SM		55
SM32:2	C12SM		0.485
SM34:0	C12SM		557.9
SM34:1	C12SM		18148.135
SM34:2	C12SM		245.51
SM36:0	C12SM		9.565
SM36:1	C12SM		106.015
SM36:2	C12SM		13.535
SM38:1	C12SM		9.79
SM38:2	C12SM		1.425
SM38:3	C12SM		0.015

SM40:0	C12SM	7.415
SM40:1	C12SM	67.26
SM40:2	C12SM	11.775
SM40:3	C12SM	0.31
SM42:0	C12SM	13.74
SM42:1	C12SM	433.295
SM42:2	C12SM	2211.875
SM42:3	C12SM	143.565
SM44:0	C12SM	0.195
SM44:1	C12SM	2.89
SM44:2	C12SM	9.905
SM44:3	C12SM	2.065

Day3_control 2	Day3_control 3	Day3_Myriocin 1	Day3_Myriocin 2	Day3_Myriocin 3
25000	25000	25000	25000	25000
NA	NA	NA	NA	NA
5000	5000	5000	5000	5000
NA	NA	NA	NA	NA
1000	1000	1000	1000	1000
NA	NA	NA	NA	NA
37.23	34.29	3.84	5.675	5.795
0.49	0.82	0.84	0.985	1.235
NA	NA	NA	NA	NA
2403.42	1843.055	82.09	93.26	141.82
NA	NA	NA	NA	NA
68.335	54.365	8.73	10.7	18.92
1.235	1.625	0.66	1.415	1.64
NA	NA	NA	NA	NA
13.725	12.835	2.67	7.045	4.98
0.745	0.565	0.54	1.885	0.82
NA	NA	NA	NA	NA
132.26	109.015	8.23	12.655	14.865
NA	NA	NA	NA	NA
40.075	31.505	20.15	30.74	21.43
NA	NA	NA	NA	NA
811.64	744.31	11.88	17.605	16.15
152.7	130.605	20.9	22.245	27.015
2004.84	2141.37	28.65	31.43	34.17
NA	NA	NA	NA	NA
20.04	19.995	1.97	4.03	6.695
3.54	3.915	0.86	2.105	3.65
48.95	45.64	2.83	3.21	4.425
NA	NA	NA	NA	NA
4.265	4.355	1.31	2.18	1.68
5.94	5.34	1.68	1.805	2.185
16.9	15.64	1.19	1.525	1.355
1.23	0.905	0.46	1.365	0.89
3.41	3.985	0.85	1.075	1.145
1.125	2.64	0.52	0.56	0.875
109.355	97.045	NA	96.315	75.72
203.185	189.84	99.34	147.11	139.335
679.495	627.19	453.57	665.85	668.04
NA	NA	NA	NA	NA
2.585	NA	NA	NA	NA
1438.32	1259.605	910.25	1244.035	1285.94
1841.16	1600.46	1242.02	1676.58	1567.785
13.755	13.95	NA	20.635	14.91
NA	NA	NA	NA	NA
137.015	131.45	117.36	159.685	107.615

66.245	62.83	62.84	63.84	43.635
39.43	43.785	NA	43.64	28.52
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
19.515	16.4	NA	21.82	9.26
16.94	10.9	NA	25.48	10.36
75.54	58.49	NA	78.79	62.155
NA	NA	NA	NA	NA
90.39	75.48	NA	99.095	61.625
908.355	825.8	622.6	869.12	807.09
18.335	20.32	NA	28.48	16.66
4949.15	4789.955	4516.56	5304.7	4633.565
43.675	28.695	NA	45.685	33.98
NA	NA	NA	NA	NA
434.39	326.49	293.4	452.48	500.745
1322.82	1087.73	962.2	1455.015	1182.59
368.85	325.19	242.3	400.92	307.155
NA	NA	NA	NA	NA
31.725	20.57	NA	26.605	21.605
32.65	33.235	NA	47.715	21.44
28.435	23.08	NA	32.825	17.005
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
1996.87	2007.7	1917.62	2437.36	2486.405
NA	NA	NA	NA	NA
1507.695	1282.335	1329.19	1851.665	2031.655
214.34	251.1	233.4	318.71	276.715
238.72	182.95	211.96	349.58	281.09
108.41	93.865	96.31	136.335	94.93
13.245	11.04	NA	17.87	8.05
NA	NA	NA	7.07	4.08
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
9.47	12.6	NA	20.955		3.06
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
26.15	24.335	NA	36.845		30.2
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
11.475	8.5	NA	19.23		13.3
NA	NA	NA	2.09	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
1.385	NA	NA	4.7	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	1.37	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	

NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
5.19	6.95	5.85	10.52	6.975
1.06	1.63	1.06	1.695	1.015
0.875	0.535	0.85	1.34	0.62
41.345	35.24	2.9	6.56	4.92
NA	NA	NA	NA	NA
7.65	6.505	1.97	3.975	2.83
0.62	0.805	0.99	1.905	1.235
17.625	14.23	2.83	5.36	3.155
2.45	2.895	1.68	3.28	3.035
53.115	50.63	5.14	8.815	6.45
3.915	3.63	0.54	1.48	1.905
134.65	128.75	12.93	11.34	13.1
3.71	3.925	1.16	1.235	1.745
4000	4000	4000	4000	4000
NA	NA	NA	NA	NA
0.795	0.765	0.52	0.825	1.78
1.145	0.755	0.52	0.905	0.49
3.735	3.775	1.29	2.09	1.155
1.87	1.32	2.395	1.635	1.615
19.23	12.79	1.195	2.165	1.28
2.88	2.585	0.475	1.055	0.6
1836.075	1403.21	55.815	52.94	55.21
3.545	3.585	0.415	0.885	0.835
52.375	47.935	2.525	1.88	2.39
2.315	1.63	NA	0.18	0.245
17.575	12.425	0.505	0.425	0.91
4.005	4.47	NA	0.285	0.165
139.85	101.005	1.415	1.585	2.345
14.695	12.22	0.36	0.385	0.395
606.455	534.805	8.175	8.975	7.345
1537.595	1452.98	18.415	15.13	17.945
19.59	20.3	0.695	0.72	0.545
0.335	0.755	0.365	0.92	0.805
0.775	1.095	0.52	0.605	0.335
0.53	1.025	0.12	0.49	0.4
2.005	1.625	0.46	0.17	0.445

	1.16	0.64	0.385	0.46	NA
	4.715	6.065	0.42	NA	NA
	24.895	17.8	NA	0.23	0.185
	6.75	3.85	5.89	6	6.22
	0.19	0.17	NA	NA	0.085
	0.06	NA	NA	NA	NA
	157.625	122.4	223.5	203.41	154.61
	12.73	8.51	11.46	9.93	9.635
	0.61	0.56	0.64	0.68	0.715
	110.665	91.56	257.33	195.63	176.905
	199.17	155.16	300.74	244.97	192.995
	1.21	0.74	1.35	1.48	1.1
	6.39	5.96	6.99	7.72	8.735
	50.45	44.18	76.94	70.65	73.385
	4.57	3.14	5.64	5.39	4.32
	7.335	7.01	3.18	3.285	6.58
	6.94	4.5	6.84	5.375	6.525
	1.395	1.23	1.74	1.505	1.325
	1.59	2.54	2.7	4.285	1.945
NA	NA		2.91	NA	2.565
NA	NA	NA	NA	NA	
	107.53	105.97	167.32	116.28	94.37
	29.98	29.62	36.75	22.81	22.635
NA	NA	NA	NA	NA	
	598.565	656.61	1161.04	935.32	762
	634.185	653.1	987.49	693.485	569.285
	16.48	11.74	21.51	13.725	14.5
	8.21	18.47	14.52	16.44	13.935
	226.675	359.23	288.48	315.395	296.89
	20.61	20.98	20.5	21.74	20.6
	4.195	4.42	3.69	6.265	6.395
	33.915	48.72	35.82	31.82	29.62
	25.58	24.53	33.36	25.425	22.555
NA	NA	NA	NA	NA	
NA		0.515	NA	NA	NA
NA	NA	NA	NA	NA	
NA		0.54	NA	NA	NA
	1.355	NA	NA	NA	NA
NA	NA	NA	NA	NA	
	45.255	57.02	142.5	97.655	135.305
	13.085	10.815	13.93	13.06	9.72
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA		0.82	NA
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	

NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
4.535	2.78	4.245	2.27	3.94	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
14.055	17.025	29.345	19.055	17.5	
1.845	0.18	1.47	1.015	0.425	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
1635.89	1464.15	1513.39	1497.23	1517.015	
1029.39	913.07	1426.17	1453.48	1437.95	
24.315	22.16	25.52	27.61	25.92	
5.085	7.04	2.74	2.6	2.005	
2.72	4.05	2.67	3.03	2.44	
2.645	3.6	1.59	2.945	2.065	
84.455	84.84	85.21	85.995	83.065	
5689.135	4332.88	4605.64	4742.61	4724.13	
8825.895	6762.77	8896.14	8891.085	8894.165	
1389.685	1158.17	1642.49	1559	1491.6	
17.55	20.77	19.7	19.95	19.885	
3.865	4.74	4.05	4.75	3.87	
12.89	12.22	12.27	11.67	11.325	
1228.7	959.7	1083.36	1084.875	1050.82	
4954.445	3993.36	4740.17	4495.545	4884.8	
31495.65	27087.88	26733.62	27091.995	26661.435	
8692.925	7169.85	9917.33	9790.265	9980.875	
341.625	394.57	438.89	501.43	424.985	
17.745	17.24	16.72	19.435	20.64	
29.29	25.13	29.26	26.415	27.08	
1878.04	1482.71	1724.14	1855.04	1905.045	
9118.64	7058.78	10112.42	9382.88	10901.325	
9508.14	8591.52	10775.43	10002.87	10678.145	
1668.82	1398.43	2010.54	1810.965	2022.03	
414.92	339.22	453.86	415.06	453.685	
262.9	217.65	340.75	338.825	357.53	
899.49	702.96	997.02	892.86	1015.215	
1216.495	1064.67	1540.8	1456.775	1591.145	
2663.255	2219.67	2887.58	3063.275	2991.305	

685.21	953.99	686.35	738.64	774.185
424.235	347.48	473.93	509.025	546.42
701.24	622.5	771.16	824.16	845.32
595.755	481.63	691.11	751.53	769.655
828.865	1122.96	855.08	939.765	953.145
326.285	1489.92	291.61	423.205	409.55
200.815	183.82	205.37	237.575	236.585
351.925	288.82	379.76	395.455	403.125
372.465	310.87	448.97	469.11	516.475
381.38	314	469.17	405.335	445.745
1005.42	951.25	1225.78	1331.185	1384.215
263.025	387.5	299.51	385.685	310.985
104.125	126.12	107.42	156.705	100.945
115.045	103.01	129.58	155.34	146.57
145.985	120.55	148.38	177.675	155.815
50.54	44.54	56.7	62.76	58.42
155.975	122.21	162.62	162.705	164.855
73.76	66.73	79.38	94.195	81.665
54.17	52.89	61.05	81.795	68.325
101.055	96.88	113.22	131.915	127.285
134.675	71.75	53.54	77.15	71.08
1592.345	1442.24	1604.81	1679.04	1484.14
208.87	161.5	151.99	151.665	138.925
5.58	6.26	4.14	5.16	3.665
0.96	3.08	0.37	0.89	0.84
1.185	4.05	0.73	1.035	0.545
1.36	1.42	0.77	1.235	0.605
14.145	12.54	12.18	12.765	12.01
27535.205	21912.95	22960.09	23518.745	23154.27
6835.715	4482.39	2971.89	2709.305	2663.955
210.69	144.92	60.17	64.575	60.88
11.485	14.47	7.98	10.95	8.285
9.25	22.44	7	6.815	6.33
4.235	4.51	3.11	4.29	3.105
87.89	77.86	75.42	79.585	77.75
38866.21	29857.4	35163.92	34192.13	36034.535
102128.83	78293.44	81950.34	82358.455	80047.68
2600.97	1988.08	1750.82	1746.36	1662.795
41.975	50.98	39.29	37.29	44.085
11.47	15.15	12.15	12.97	10.635
27.075	26.82	23.39	27.5	22.32
454.935	351.47	371.13	353.27	347.48
33159.35	26636.24	28307.93	31817.655	32809.62
400232.625	331256.08	333207.68	365153.64	368395.08
52354.015	42349.02	37483.6	37354.74	38010.385
697.195	562.75	549.56	569.295	562.69

119.675	87.52	85.67	99.97	101.02
54.105	42.65	46.41	50.245	51.765
603.175	480.91	561.2	508.72	574.445
7623.345	5326.1	8572.76	8300.01	9279.035
134470.765	97105.73	138504.27	133763.835	146732.845
309159.43	256876.82	272283.75	277125.225	296864.58
8560.87	6836.36	7753.94	8748.22	8265.95
3741.255	3127.58	3481.29	3743.44	3766.295
561.05	501.43	510.53	532.445	500.94
285.005	221.64	266.53	262.76	276.495
709.635	530.69	801.35	799.915	794.44
5593.93	4582.81	6133.24	5537.725	6131.09
34821.26	28708.06	33021.58	31990.165	35951.355
5820.765	5546.2	5738.91	6050.05	5728.17
5106.11	3718.98	4877.5	5169.56	5496.15
7735.125	5691.02	6654.16	7142.54	7207.195
3173.485	2646.27	3216.46	3176.33	3322.875
227.05	152.11	221.11	254.77	242.25
663.345	516.47	646.62	621.465	750.26
1894.43	1800.34	2126.91	2164.545	2365.055
1213.7	1187.92	1118.55	1183.64	1227.205
928.305	759.25	930.46	1110.855	1035.545
2884	2324.12	2930.57	3084.135	3249.03
3624.825	3066.63	3839.27	3916.635	4177.73
157.255	114.49	132.85	156.87	149.08
564.48	438.84	610.51	617.205	657.57
1143.48	963.51	1150.9	1221.75	1267.26
447.135	399.01	421.69	463.7	450.4
186.205	164.46	204.96	231.88	224.95
667.04	543.13	740.44	702.155	771.035
920.015	790.35	930.77	955.73	1041.955
117.98	71.31	115.29	110.195	116.915
271.61	194.22	262.95	271.22	298.645
554.33	462.07	497.07	494	572.43
321.22	252.14	248.78	274.8	270.085
49.375	51.41	55	65.62	57.525
97.8	117.35	97.84	122.925	106.22
108.075	139.37	108.07	143.475	118.985
12.24	10.82	11.9	12.46	12.01
3.91	4.3	4.21	5.66	4.705
19.2	14.88	13.38	14.09	11.915
NA	NA	NA	NA	NA
153.935	119.43	125.34	173.69	225.245
468.535	404.25	392.56	458.475	556.19
117.85	102.28	88.74	107.86	105.39
28.52	53.3	20.44	16.29	25.13

106.995	113.9	99.99	99.755	141.88
2.28	5.68	NA	3.765	3.725
143.94	122.2	85.26	112.145	126.415
59.21	51.96	45.39	56.39	64.285
64.585	51.69	39.57	56.505	70.965
70.035	47.57	38.89	55.45	69.425
194.595	163.41	150.59	210.09	208.35
199.215	173.16	177.68	220.025	240.005
216.03	179.87	178.71	223.845	229.015
207.905	177.7	194.22	252.715	232.55
41.975	58.63	35.59	51.425	37.36
55.405	46.14	57.04	59.015	44.835
2.115	3.69	NA	NA	NA
NA	2.65	NA	2.095	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	2.23	NA	NA	NA
82.22	65.89	72.65	73.55	78.015
47.18	50.13	34.75	37.105	35.7
2.46	5.45	NA	1.485	NA
1.525	5.64	NA	NA	NA
2.3	4.48	3.36	4.19	NA
NA	NA	NA	NA	NA
2.845	3.52	NA	3.61	3.255
441.73	315.45	306.68	393.955	442.83
1675.865	1333.59	1130.55	1298.28	1369.83
83.675	98.41	51.83	61.225	59.435
3.61	13.68	2.4	4.995	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
11.52	8.19	8.62	9.98	8.825
1584.585	1168.36	969.66	1198.005	1523.88
17535.21	13312.61	11967.05	13174.435	16053.255
6142.45	5150.61	3793.38	4197.415	4167.29
82.43	61	65.02	68	72.57
27.635	25.36	18.58	22.925	32.75
2.455	4.6	3.43	3.22	1.32
11.36	8.58	6.08	9.555	14.185
3641.09	2582.71	2677.12	3580.825	3869.85
60789.94	43991.64	41293.89	58235.87	59797.96
99533.475	82367.74	62980.9	82975.45	77630.02
2801.105	2317.69	2327.03	2559.08	2312.94
1230.38	944.83	779.63	1092.715	977.965
198.215	183.43	131.95	178.555	187.505
25.015	23.97	22.19	24.235	25.685
173.255	183.03	138.42	205.38	196.145

1502.365	1306.41	1025.94	1692.84	1307.725
7970.065	6732.87	5063.98	6255.045	5409.595
3435.27	2902.8	2626.14	3348.66	3097.41
11393.74	9144.97	9951.47	13353.72	11495.11
7520.875	5817.65	5441.86	6582.69	6831.985
1392.09	1160.59	1140.33	1300.585	1275.515
54.425	42.74	44.38	59.26	60.73
300.675	190.19	182.5	256.135	210.515
1267.485	974.65	731.07	986.18	756.89
794.25	653.07	440.27	631.8	543.505
1809.53	1418.82	1225.84	1708.17	1555.285
5941.91	5444.94	4667.17	5642.53	5651.04
12015.425	9989.29	9953.2	12602.045	11421.86
24.915	18.39	16.86	31.92	30.16
182.12	131.58	117.03	199.335	179.57
329.93	223.71	182.68	268.165	210.395
172.01	163.71	80.43	117.11	108.92
195.98	155.72	135.44	175.535	169.99
627.105	509.61	435.38	580.54	545.195
616.02	491.96	397.61	520.935	497.91
10.555	8.09	5.98	12.045	10.44
28.135	20.22	14.96	25.895	18.015
57.37	36.47	19.14	32.465	33.655
37.36	25.76	13.16	23.345	22.225
31.525	25.81	17.72	35.975	31.215
81.495	79.36	46.34	81.255	68.07
57.75	63	34.07	55.295	49.21
1.83	2.455	1.45	0.665	0.725
27.845	38.145	18.97	17.18	12.585
2.24	2.955	1.765	1.895	3.935
NA	NA	NA	NA	NA
3.065	1.345	NA	NA	0.67
1.805	2.66	1.55	2.49	4.025
19.595	27.165	15.345	21.005	14.21
NA	NA	NA	NA	NA
1.04	0.5	NA	NA	NA
4	5.425	1.965	3.605	6.67
2.655	10.82	3.975	4.705	4.23
4.7	3.37	1.025	3.25	NA
1.155	1.27	NA	NA	NA
16.795	9.45	12.97	11.87	11
134.685	108.1	127.54	141.86	101.54
94.06	70.365	48.79	74.935	45.12
2.64	2.8	2.095	3.9	3.82
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

107.945	91.905	95.725	132.575	90.515
457.375	393.195	423.815	434.765	413.705
82.57	49.205	59.48	73.79	43.8
28.715	21.62	28.115	33.97	33.115
23.34	25.045	14.285	21.625	16.75
102.225	69.1	99.85	126.845	99.975
162.045	144.455	161.25	220.635	160.645
74.57	73.955	45.235	74.99	54.59
29.76	17.475	14.93	25.405	16.315
7.81	7.705	9.02	7.41	7.99
37.185	46.39	30.8	27.875	20.535
29.64	37.53	14.955	35.995	13.255
42.17	23.425	29.905	29.88	48.73
2.23	NA	2.46	1.19	7.44
5.175	8.405	5.34	6.94	5.92
NA	0.65	0.48	0.775	0.56
6.385	9.645	4.855	6.3	3.355
NA	NA	NA	2.62	0.71
NA	NA	NA	NA	0.865
0.83	NA	NA	NA	1.18
NA	NA	NA	NA	NA
NA	NA	NA	0.5	NA
6.935	7.41	8.885	5.36	5.925
99.36	97.57	74.535	83.1	77.04
6.715	10.635	5.4	6.51	3.04
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
1.3	NA	1.625	1.64	NA
NA	NA	NA	NA	NA
10000	10000	10000	10000	10000
170.255	130.12	118.195	105.64	129.435
316.515	271.845	159.225	194.825	215.33
85.13	80.22	62.98	90.175	81.795
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	1.25	NA	NA	NA
2.16	2.05	1.29	2.005	NA
965.83	796.6	756.18	867.135	640.365
8801.64	7087.935	5770.915	6102.61	4902.665
1970.745	1633.845	939.945	1014.59	777.295
5.74	8.315	3.55	4.9	5.2
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
3.365	2.165	0.685	1.11	0.785
1570.405	1404.005	1387.815	1894.41	1305.14
29815.67	26065.82	31230.27	35945.755	25680.48

31190.91	26189.115	20380.545	24501.79	18538.685
499.5	443.4	310.94	340.935	241.77
267.51	235.37	199.995	255.085	231.835
14.535	15.49	11.25	13.635	13.355
34.625	36.53	25.2	26.04	53.71
177.835	136.7	155.21	156.265	178.84
2554.725	2222.575	3297.605	3345.395	2495.55
13286.74	11733.875	14822.03	16491.485	10791.15
7904.39	7277.24	8092.525	9836.18	6282.515
19240.845	17173.135	25203.66	31136.35	21396.98
5466.095	4791.715	4619.79	5315.88	4423
66.265	55.815	38.885	56.31	59.94
141.015	122.625	174.995	163.115	202.535
363	318.05	358.48	398.07	417.455
1450.975	1247.8	1306.075	1814.565	1183.965
1077.36	1063.79	1054.85	1130.4	866.065
1073.775	973.755	1289.905	1419.655	1020.8
1546.2	1335.61	1442.77	1902.36	1435.145
793.485	788.94	886.105	969.08	786.47
24.38	13.915	22.09	18.755	38.265
134.185	96.185	140.905	152.1	178.54
468.47	414.8	482.08	443.88	503.18
445.895	434.315	452.135	404.44	528.595
77.06	65.92	70.66	66.995	72.855
98.735	55.12	92.775	98.94	71.595
30.89	22.055	29.545	41.135	49.725
2.26	NA	NA	0.59	2.845
8.945	9.825	8.925	7.655	11.31
30.275	32.4	22.645	22.855	22.455
62.65	79.905	87.235	73.2	78.37
49.32	57.78	47.225	56.5	44.305
100.78	99.805	160.99	139.025	142.05
35.435	26.86	20.855	29.01	20.96
1.11	0.985	0.565	1.525	0.535
0.77	NA	NA	NA	0.68
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
0.71	0.48	0.65	0.785	0.295
2.82	2.06	0.625	0.82	0.735
16.935	22.515	9.315	9.065	7.5
2.215	2.02	1.15	1.38	0.495
9.465	17.415	11.91	8.09	17.23
NA	NA	NA	NA	NA
12.105	15.51	4.575	6.7	6.435
134.375	115.715	83.6	103.515	87.17
20.845	12.84	11.305	14.445	7.55

	0.515	0.48	NA	0.16	NA
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	15.47	13.565	4.805	4.35	3.39
	51.625	37.175	29.43	26.71	20.89
	12.25	11.25	6.405	10.84	6.61
	1.195	0.95	0.495	0.26	0.76
	0.785	1.125	0.415	0.565	NA
	0.705	0.375	0.795	0.485	0.3
	11.295	16.45	8.845	11.185	7.995
	1.23	1.66	1.065	1.01	0.215
	6.905	5.805	3.2	3.015	2.005
	2.075	3.205	1.175	2.17	1.005
	3.89	2.315	1.46	3.665	2.18
	11	9.655	5.865	6.39	8.475
NA	NA	NA	NA	NA	
	1.34	1.47	NA	NA	0.23
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	0.935	2.05	NA	0.44	NA
	6.695	6.55	2.12	4.06	4.275
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	33000	33000	33000	33000	33000
	20.14	25.85	9.475	13.82	11.39
	89.87	94.28	46.325	37.03	51.43
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	10.23	7.5	10.22	8.21	3.875
	163.77	128.71	83.215	78.555	86.445
	2350.45	2266.91	1115.52	1242.1	1218.385
	107.95	91.64	51.04	52.565	35.19
	0.745	NA	0.99	0.87	2.2
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	1444.135	1309.15	912.76	1123.855	997.315

27380.42	24379.47	18618.375	20641.725	19471.76
3486.635	3320.515	2166.86	2090.345	1853.83
31.775	31.475	15.485	17.825	11.305
19.05	18.56	7.735	8.445	6.62
NA	0.49	NA	0.15	NA
0.595	NA	NA	0.165	NA
30.425	26.345	28.54	27.19	26.33
595.95	455.11	362.225	443.61	379.21
672.345	604.275	390.23	436.525	422.665
269.915	237.485	160.035	205.51	184.56
393.385	316.51	268.355	275.98	280.07
56.215	47.44	28.5	36.655	22.695
18.07	10.3	4.225	5.82	5.49
5.185	4.145	5.405	3.765	4.17
122.855	103.385	104.025	112.395	79.315
373.52	311.55	261.555	276.975	208.245
67.05	65.175	41.03	50.47	29.395
330.14	322.095	286.52	299.99	215.095
1145.665	966.89	829.525	1006.135	797.145
1833.07	1493.755	1337.185	1616.87	1065.21
0.88	0.83	0.96	1.965	0.425
44.935	43.425	42.005	56.535	24.195
80.37	69.05	53.725	66.97	36.49
14.025	11.5	4.24	8.81	4.25
36.44	23.135	13.135	23.63	14.495
78.215	70.065	59.81	85.105	35.015
36.44	32.74	20.78	35.945	19.86
NA	NA	NA	NA	NA
0.755	0.645	NA	0.425	NA
1.155	1.41	0.395	1.745	NA
0.62	NA	NA	0.165	NA
NA	NA	NA	NA	NA
0.605	0.23	0.235	0.42	NA
2.225	1.785	3.145	1.415	1.275
1.67	1.375	0.16	0.225	0.235
42.37	36.185	1.145	1.195	0.945
0.465	0.475	0.1	0.095	0.09
346.73	270.39	8.24	7.85	7.37
12030.255	9920.36	261.71	255.35	251.095
211.255	178.74	9.745	9.74	8.925
5.24	5.03	2.14	2.63	1.81
79.42	57.745	3.19	2.685	2.59
9.09	7.26	0.82	0.705	0.585
5.625	5.955	1.045	1.315	0.95
0.835	0.915	0.095	0.1	0.09
0.015	0.025	0.02	0.025	0.02

4.135	5.81	3.45	3.47	2.87
35.39	37.08	4.07	4.61	3.18
8.01	8.18	0.375	0.37	0.365
0.155	0.21	0.02	0.065	0.035
6.31	6.855	0.26	0.3	0.22
263.625	246.775	4.405	3.77	3.5
1468.14	1765.37	18.83	15.83	12.93
111.255	123.465	1.855	1.99	1.445
0.125	0.13	0.035	0.03	0.025
1.695	1.45	0.065	0.085	0.075
5.135	4.45	0.055	0.055	0.055
1.035	1.085	0.02	0.015	0.02

LipidName	standard_ion	Vehicle_Calu6_1	Vehicle_Calu6_2	Vehicle_Calu6_3
C12SM	C12SM	25000	25000	25000
C17Cer	C17Cer	5000	5000	5000
C17Cer(-H2O)	C17Cer	5000	5000	5000
C8GC	NA	NA	NA	NA
C8GC(-H2O)	C8GC	1000	1000	1000
Cer32:1	C17Cer	4.755	5.65	3.46
Cer32:1(-H2O)	C17Cer	41.55	42.76	57.195
Cer32:2	C17Cer	NA	NA	NA
Cer34:1	C17Cer	424.59	633.2	546.59
Cer34:1(-H2O)	C17Cer	995.58	1314.815	1241.91
Cer36:1	C17Cer	10.6	19.5	11.78
Cer36:1(-H2O)	C17Cer	86.035	97.21	99.11
Cer36:2	C17Cer	2.775	3.13	2.6
Cer38:1	C17Cer	2.22	3.105	0.67
Cer38:1(-H2O)	C17Cer	20.455	21.83	25.325
Cer38:2	C17Cer	1.16	0.51	0.95
Cer40:1	C17Cer	40.765	53.435	48.905
Cer40:1(-H2O)	C17Cer	198.5	230.955	228.71
Cer40:2	C17Cer	6.52	7.115	8.015
Cer40:2(-H2O)	C17Cer	69.4	77.375	73.13
Cer42:1	C17Cer	229.31	280.78	292.225
Cer42:1(-H2O)	C17Cer	629.61	660.885	724.01
Cer42:2	C17Cer	1171.835	1532.3	1781.935
Cer42:2(-H2O)	C17Cer	1901.435	2012.5	2373.605
Cer44:1	C17Cer	2.99	1.64	1.71
Cer44:1(-H2O)	C17Cer	18.195	18.725	23.03
Cer44:2	C17Cer	9.53	6.865	13.88
Cer44:2(-H2O)	C17Cer	53.29	63.26	72.69
CerP32:1	C17Cer	25.05	21.355	32.665
CerP34:1(-H2O)	C17Cer	7.81	9.94	8.715
CerP36:1	C17Cer	26.185	30.655	38.39
CerP36:1(-H2O)	C17Cer	42.165	45.89	46.67
CerP38:1	C17Cer	1.41	2.07	4.515
CerP38:1(-H2O)	C17Cer	18.575	12.685	16.225
CerP42:1(-H2O)	C17Cer	2.045	1.67	1.26
CL68:3_C16:0	CL56:0	49.075	58.715	57.105
CL68:3_C16:1	CL56:0	62.505	81.89	83.745
CL68:3_C18:1	CL56:0	218.685	251.705	273.95
CL68:3_C18:2	CL56:0	0.285	0.17	0.29
CL68:4_C16:0	CL56:0	6.205	3.565	3.03
CL68:4_C16:1	CL56:0	274.715	338.55	334.66
CL68:4_C18:1	CL56:0	365.4	476.56	432.63
CL68:4_C18:2	CL56:0	6.685	7.91	6.075
CL68:5_C16:0	CL56:0	NA	NA	NA
CL68:5_C16:1	CL56:0	61.52	61.54	64.78

CL68:5_C18:1	CL56:0	46.195	40.88	38.6	
CL68:5_C18:2	CL56:0	17.23	22.045	17.835	
CL68:6_C16:1	CL56:0	4.18	3.565	2.985	
CL68:6_C18:2	CL56:0	1.205	1.49	1.02	
CL70:2_C16:0	CL56:0	48.255	12.6	8.375	
CL70:2_C18:0	CL56:0	7.175	8.345	5.88	
CL70:2_C18:1	CL56:0	64.98	38.24	32.94	
CL70:2_C20:1	CL56:0	NA	NA	NA	
CL70:3_C16:0	CL56:0	63.545	82.43	68.055	
CL70:3_C18:1	CL56:0	465.92	595.995	552.47	
CL70:4_C16:0	CL56:0	20.46	18.8	20.83	
CL70:4_C18:1	CL56:0	1615.295	2016.71	1792.115	
CL70:4_C18:2	CL56:0	22.065	21.115	28.055	
CL70:5_C16:0	CL56:0	2.765	3.55	3.505	
CL70:5_C16:1	CL56:0	162.1	184.795	184.455	
CL70:5_C18:1	CL56:0	518.01	580.51	572.34	
CL70:5_C18:2	CL56:0	134.59	161.35	170.13	
CL70:6_C16:0	CL56:0	1.155	1.055	0.905	
CL70:6_C16:1	CL56:0	25.685	22.465	26.75	
CL70:6_C18:1	CL56:0	44.145	38.605	34.225	
CL70:6_C18:2	CL56:0	28.455	28.98	26.64	
CL70:7_C16:1	CL56:0	6.045	6.11	5.49	
CL70:7_C18:2	CL56:0	1.06	0.925	1.08	
CL72:10_C16:1	CL56:0	NA	NA	NA	
CL72:10_C20:4	CL56:0	0.48	NA	NA	
CL72:11_C16:1	CL56:0	NA	NA	NA	
CL72:11_C18:2	CL56:0	NA	NA	NA	
CL72:11_C20:4	CL56:0	NA	NA	NA	
CL72:11_C22:6	CL56:0	NA	NA	NA	
CL72:4_C18:1	CL56:0	994.555	1081.28	1219.91	
CL72:5_C18:0	CL56:0	1.23	2.675	3.11	
CL72:5_C18:1	CL56:0	796.825	858.755	860.87	
CL72:5_C18:2	CL56:0	124.855	139.905	142.635	
CL72:6_C18:1	CL56:0	214.1	185.905	214.23	
CL72:6_C18:2	CL56:0	83.625	79.345	98.795	
CL72:7_C18:1	CL56:0	33.675	27.12	37.55	
CL72:7_C18:2	CL56:0	14.43	10.92	12.82	
CL72:8_C18:2	CL56:0	3.555	1.935	1.41	
CL72:9_C16:0	CL56:0	NA	NA	NA	
CL72:9_C16:1	CL56:0	1.2	0.51	0.735	
CL72:9_C18:2	CL56:0	0.115	NA	NA	
CL72:9_C18:3	CL56:0	NA	NA	NA	
CL72:9_C20:4	CL56:0	NA	NA	NA	
CL74:10_C16:0	CL56:0	NA	NA	NA	
CL74:10_C16:1	CL56:0	NA	NA	NA	
CL74:10_C18:1	CL56:0	0.895	0.96	1.47	

CL74:10_C18:2	CL56:0	0.14	NA	NA	
CL74:10_C20:3	CL56:0	NA	NA	NA	
CL74:10_C20:4	CL56:0	NA	NA	NA	
CL74:10_C22:6	CL56:0	NA	NA	NA	
CL74:5_C18:1	CL56:0	10.66	11.595	9.085	
CL74:5_C18:2	CL56:0	1.54	NA	NA	
CL74:5_C20:1	CL56:0	NA	0.395	NA	
CL74:6_C18:1	CL56:0	30.23	36.81	31.675	
CL74:6_C18:2	CL56:0	7.11	0.81	1.335	
CL74:6_C20:1	CL56:0	NA	NA	NA	
CL74:6_C20:2	CL56:0	0.3	0.44	NA	
CL74:7_C18:1	CL56:0	26.215	26.745	30.085	
CL74:7_C18:2	CL56:0	3.045	2.675	3.67	
CL74:7_C20:1	CL56:0	NA	NA	NA	
CL74:7_C20:2	CL56:0	NA	NA	NA	
CL74:8_C18:2	CL56:0	3.29	3.015	2.055	
CL74:8_C20:2	CL56:0	NA	NA	NA	
CL74:9_C18:1	CL56:0	5.04	5.97	6.615	
CL74:9_C18:2	CL56:0	1.96	2.515	1.78	
CL74:9_C20:3	CL56:0	NA	NA	NA	
CL74:9_C20:4	CL56:0	NA	NA	NA	
CL76:10_C18:1	CL56:0	0.65	1.04	0.51	
CL76:10_C18:2	CL56:0	NA	0.205	NA	
CL76:10_C20:3	CL56:0	NA	NA	NA	
CL76:10_C20:4	CL56:0	0.635	NA	NA	
CL76:10_C22:5	CL56:0	NA	NA	NA	
CL76:10_C22:6	CL56:0	NA	NA	NA	
CL76:11_C18:1	CL56:0	0.375	2.77	6.04	
CL76:11_C18:2	CL56:0	NA	NA	NA	
CL76:11_C22:5	CL56:0	NA	NA	NA	
CL76:11_C22:6	CL56:0	NA	NA	NA	
CL76:12_C18:2	CL56:0	NA	NA	NA	
CL76:12_C22:6	CL56:0	NA	NA	NA	
CL76:9_C18:0	CL56:0	NA	0.7	1.285	
CL76:9_C18:1	CL56:0	2.61	4.03	6.31	
CL76:9_C18:2	CL56:0	NA	NA	NA	
CL76:9_C20:1	CL56:0	NA	NA	NA	
CL76:9_C20:4	CL56:0	0.09	NA	NA	
CL76:9_C22:6	CL56:0	NA	NA	NA	
CL78:12_C18:1	CL56:0	0.465	NA	NA	
CL78:12_C18:2	CL56:0	NA	NA	NA	
CL78:12_C20:2	CL56:0	NA	NA	NA	
CL78:12_C20:3	CL56:0	NA	NA	NA	
CL78:12_C22:6	CL56:0	NA	NA	NA	
CL78:13_C18:2	CL56:0	NA	NA	NA	
CL78:13_C20:3	CL56:0	NA	NA	NA	

CL78:13_C22:6	CL56:0	NA	NA	NA	
CL78:14_C18:2	CL56:0	NA	NA	NA	
CL78:14_C20:4	CL56:0	NA	NA	NA	
CL78:14_C22:6	CL56:0	NA	NA	NA	
CL78:15_C18:2	CL56:0		0.58	NA	NA
CL78:15_C18:3	CL56:0	NA	NA	NA	
CL78:15_C20:4	CL56:0	NA	NA	NA	
CL78:15_C22:6	CL56:0	NA	NA	NA	
CL80:14_C18:2	CL56:0	NA	NA	NA	
CL80:14_C22:6	CL56:0	NA	NA	NA	
DHCer28:1(-H2O)	C17Cer		21.075	10.535	17.995
DHCer30:1	C17Cer	NA		1.4	1.565
DHCer32:1	C17Cer		1.005	NA	NA
DHCer34:0(-H2O)	C17Cer		20.535	23.505	24.985
DHCer36:0	C17Cer	NA		1.61	0.975
DHCer36:0(-H2O)	C17Cer		3.7	3.525	4.395
DHCer38:1(-H2O)	C17Cer		1.645	3.475	2.945
DHCer40:0(-H2O)	C17Cer		11.785	11.74	15.715
DHCer40:1(-H2O)	C17Cer		5.395	9.515	11.025
DHCer42:0(-H2O)	C17Cer		23.735	15.885	33.305
DHCer42:1	C17Cer		9.28	15.305	15.2
DHCer42:1(-H2O)	C17Cer		59.015	70.585	74.735
DHCer44:1(-H2O)	C17Cer		4.325	4.99	5.97
DLPC	DLPC		4000	4000	4000
GlcCer28:1	NA	NA	NA	NA	
GlcCer28:1(-H2O)	C8GC		4.69	2.835	3.45
GlcCer28:2(-H2O)	C8GC		3.325	2.095	2.015
GlcCer30:1(-H2O)	C8GC		11.48	10.33	10.81
GlcCer30:2(-H2O)	C8GC		9.245	10.855	3.715
GlcCer32:1(-H2O)	C8GC		12.835	13.72	9.535
GlcCer32:2(-H2O)	C8GC		5.92	7.895	6.65
GlcCer34:1(-H2O)	C8GC		275.99	421.275	251.05
GlcCer34:2(-H2O)	C8GC		7.08	11.015	6.01
GlcCer36:1(-H2O)	C8GC		21.075	33.005	16.685
GlcCer36:2(-H2O)	C8GC		3.07	3.185	2.16
GlcCer38:1(-H2O)	C8GC		7.4	12.64	8.26
GlcCer38:2(-H2O)	C8GC		14.78	19.87	10.025
GlcCer40:1(-H2O)	C8GC		91	126.11	72.465
GlcCer40:2(-H2O)	C8GC		11.41	14.18	10.345
GlcCer42:1(-H2O)	C8GC		235.19	299.72	242.51
GlcCer42:2(-H2O)	C8GC		528.185	757.425	549.28
GlcCer44:2(-H2O)	C8GC		15.57	22.425	15.8
GlcDHCer28:0(-H2O)	C8GC		2.09	1.61	1.075
GlcDHCer36:0(-H2O)	C8GC		2.915	4.05	5.245
GlcDHCer38:0(-H2O)	C8GC		2.105	1.495	1.85
GlcDHCer40:0(-H2O)	C8GC		2.425	4.615	2.995

GlcDHCer40:1(-H2O)	C8GC		2.72		2.335		1.01
GlcDHCer42:0(-H2O)	C8GC		3.63		16.11		3.665
GlcDHCer42:1(-H2O)	C8GC		7.66		13.355		9.075
LysoPC14:0	DLPC		0.815		0.97		0.91
LysoPC14:1	DLPC		0.745		0.785		0.795
LysoPC14:2	DLPC		0.285		0.23		0.225
LysoPC16:0	DLPC		50.025		64.305		58.03
LysoPC16:1	DLPC		5.06		6.95		5.65
LysoPC16:2	DLPC		0.675		0.53		0.63
LysoPC18:0	DLPC		21.05		24.105		21.345
LysoPC18:1	DLPC		104.23		136.365		115.235
LysoPC18:2	DLPC		0.49		0.705		0.615
LysoPC20:0	DLPC		1.795		1.17		1.315
LysoPC20:1	DLPC		15.71		13.745		15.02
LysoPC20:2	DLPC		2.515		2.67		2.435
LysoPC22:0	DLPC		2.71		1.975		2.525
LysoPC22:1	DLPC		1.73		1.43		1.895
LysoPC22:2	DLPC		1.04		1.04		0.995
LysoPE14:0	PE31:1		2.085	NA			0.96
LysoPE14:1	PE31:1		6.275		3.055		5.185
LysoPE14:2	PE31:1	NA		NA		NA	
LysoPE16:0	PE31:1		13.505		15.015		13.91
LysoPE16:1	PE31:1		3.545		2.565		3.195
LysoPE16:2	PE31:1	NA		NA		NA	
LysoPE18:0	PE31:1		23.305		37.22		35.13
LysoPE18:1	PE31:1		92.43		100.25		98.09
LysoPE18:2	PE31:1		1.565		1.115	NA	
LysoPE20:0	PE31:1	NA		NA		NA	
LysoPE20:1	PE31:1		22.305		20.58		21.125
LysoPE20:2	PE31:1		0.875		0.895		2.375
LysoPE22:0	PE31:1		2.375		2.62		3.925
LysoPE22:1	PE31:1		6.625		6.88		4.745
LysoPE22:2	PE31:1		5.52		4.91		3.625
LysoPI14:0	PI31:1	NA		NA		NA	
LysoPI14:1	PI31:1		1.26		1.09		0.255
LysoPI14:2	PI31:1	NA		NA		NA	
LysoPI16:0	PI31:1		0.365		1.495	NA	
LysoPI16:1	PI31:1		1.62		0.91		1.685
LysoPI16:2	PI31:1	NA		NA		NA	
LysoPI18:0	PI31:1		135.885		278.505		135.625
LysoPI18:1	PI31:1		17.52		57.22		36.795
LysoPI18:2	PI31:1		0.545	NA			0.23
LysoPI20:0	PI31:1	NA		NA		NA	
LysoPI20:1	PI31:1		0.215	NA		NA	
LysoPI20:2	PI31:1		1.14		1.46		1.205
LysoPI22:0	PI31:1		1.26		0.175		0.775

LysoPI22:1	PI31:1	1.155	NA	NA	
LysoPI22:2	PI31:1	0.2	1.26	1.225	
LysoPS14:0	PS31:1	NA	NA	NA	
LysoPS14:1	PS31:1	10.155	19.065	13.13	
LysoPS14:2	PS31:1	NA	NA	NA	
LysoPS16:0	PS31:1	0.92	3.235	0.195	
LysoPS16:1	PS31:1	NA	NA	NA	
LysoPS16:2	PS31:1	NA	NA	NA	
LysoPS18:0	PS31:1	5.94	9.915	4.365	
LysoPS18:1	PS31:1	13.56	35.885	28.54	
LysoPS18:2	PS31:1	NA	NA	NA	
LysoPS20:0	PS31:1	NA	NA	NA	
LysoPS20:1	PS31:1	0.25	NA	NA	
LysoPS20:2	PS31:1	NA	NA	NA	
LysoPS22:0	PS31:1	NA	NA	NA	
LysoPS22:1	PS31:1	NA	NA	NA	
LysoPS22:2	PS31:1	NA	NA	NA	
PC(O-)30:0	DLPC	525.015	682.15	631.865	
PC(O-)30:1	DLPC	197.25	247.9	236.13	
PC(O-)30:2	DLPC	15.135	16.755	15.095	
PC(O-)30:3	DLPC	5.47	5.28	5.495	
PC(O-)30:4	DLPC	2.21	2.425	2.665	
PC(O-)30:5	DLPC	1.985	1.71	1.92	
PC(O-)30:6	DLPC	25.515	27.385	25.035	
PC(O-)32:0	DLPC	5818.76	7995.055	7611.285	
PC(O-)32:1	DLPC	4888.395	6213.565	5742.205	
PC(O-)32:2	DLPC	742.085	941.19	852.21	
PC(O-)32:3	DLPC	57.405	66.96	66.61	
PC(O-)32:4	DLPC	23.635	26.44	23.65	
PC(O-)32:5	DLPC	19.725	21.675	19.715	
PC(O-)32:6	DLPC	300.24	402.01	351.65	
PC(O-)34:0	DLPC	8417.84	11069.275	10839.785	
PC(O-)34:1	DLPC	49582.01	63181.025	60329.93	
PC(O-)34:2	DLPC	7553.315	9653.33	8914.455	
PC(O-)34:3	DLPC	598.665	727.22	675.885	
PC(O-)34:4	DLPC	65.895	80.295	69.45	
PC(O-)34:5	DLPC	66.38	84.44	71.075	
PC(O-)36:0	DLPC	1527.795	1848.705	1765.785	
PC(O-)36:1	DLPC	8613.085	11459.245	10267.65	
PC(O-)36:2	DLPC	15758.08	20203.185	18517.785	
PC(O-)36:3	DLPC	4691.21	6039.855	5431.46	
PC(O-)36:4	DLPC	6288.705	8076.555	7106.305	
PC(O-)36:5	DLPC	3209.36	4122.315	3680.92	
PC(O-)36:6	DLPC	1019.05	1320.205	1206.2	
PC(O-)38:1	DLPC	1399.315	1816.97	1645.035	
PC(O-)38:2	DLPC	3159.265	4138.315	3763.245	

PC(O-)38:3	DLPC	3853.525	5093.315	4585.1
PC(O-)38:4	DLPC	8833.5	11405.25	9886.64
PC(O-)38:5	DLPC	17203.055	21759.39	18703.305
PC(O-)38:6	DLPC	10678.79	13688.17	11793.03
PC(O-)40:2	DLPC	668.38	853.88	927.135
PC(O-)40:3	DLPC	1127.29	1394.03	1843.265
PC(O-)40:4	DLPC	2451.87	3070.13	2811.25
PC(O-)40:5	DLPC	5053.42	6365.975	5535.57
PC(O-)40:6	DLPC	8858.28	11578.615	9684.94
PC(O-)42:1	DLPC	197.295	226.27	235.51
PC(O-)42:2	DLPC	343.4	403.785	415.995
PC(O-)42:3	DLPC	271.365	297.085	424.255
PC(O-)42:4	DLPC	344.51	374.55	550.305
PC(O-)42:5	DLPC	464.735	564.935	545.895
PC(O-)42:6	DLPC	558.165	687.84	654.535
PC(O-)44:1	DLPC	38.105	43.035	57.015
PC(O-)44:2	DLPC	60.405	66.91	82.94
PC(O-)44:3	DLPC	74.735	84.34	116.18
PC(O-)44:4	DLPC	130.25	157.89	176.505
PC(O-)44:5	DLPC	214.615	256.08	288.645
PC(O-)44:6	DLPC	161.94	201.02	241.15
PC28:0	DLPC	116.965	124.465	124.64
PC28:1	DLPC	146.37	142.545	140.09
PC28:2	DLPC	6.845	6.305	5.765
PC28:3	DLPC	1.65	1.09	1.58
PC28:4	DLPC	0.575	0.475	0.575
PC28:5	DLPC	0.925	0.56	0.765
PC28:6	DLPC	9.165	8.345	7.725
PC30:0	DLPC	2953.895	3867.995	3549.445
PC30:1	DLPC	1985.935	2758.455	2504.815
PC30:2	DLPC	144.66	183.145	168.185
PC30:3	DLPC	9.52	9.8	10.775
PC30:4	DLPC	3.8	4.09	4.515
PC30:5	DLPC	2.735	2.23	3.695
PC30:6	DLPC	34.605	40.145	37.23
PC32:0	DLPC	18140.275	23103.175	21951.455
PC32:1	DLPC	29471.395	37983.8	34069.95
PC32:2	DLPC	3762.425	4805.525	4315.03
PC32:3	DLPC	247.305	302.86	277.79
PC32:4	DLPC	22.295	24.57	25.45
PC32:5	DLPC	19.83	19.275	20.225
PC32:6	DLPC	369.23	463.19	422.105
PC34:0	DLPC	20347.48	26255.43	24655.63
PC34:1	DLPC	252455.35	321628.48	300124.955
PC34:2	DLPC	60855.35	73832.445	67288.955
PC34:3	DLPC	3319.1	4228.505	3868.235

PC34:4	DLPC	301.67	370.695	333.14
PC34:5	DLPC	165.36	202.39	172.455
PC34:6	DLPC	586.48	724.7	700.265
PC36:0	DLPC	3464.765	4368.405	4040.98
PC36:1	DLPC	36658.125	48117.425	43068.695
PC36:2	DLPC	205095.24	268895.835	236932.115
PC36:3	DLPC	14050.665	18660.74	16024
PC36:4	DLPC	5319.035	6987.91	5856.12
PC36:5	DLPC	2047.72	2680.195	2281.09
PC36:6	DLPC	510.6	625.575	544.145
PC38:0	DLPC	6023.195	7392.71	6350.665
PC38:1	DLPC	2614.84	3168.42	2887.31
PC38:2	DLPC	8228.98	10146.61	9382.49
PC38:3	DLPC	5717.475	7346.84	6855.11
PC38:4	DLPC	8730.645	11181.145	9676.735
PC38:5	DLPC	10843.265	13870.165	11546.87
PC38:6	DLPC	6755.685	8760.68	7491.225
PC40:0	DLPC	422.04	474.81	470.865
PC40:1	DLPC	277.035	325.67	302.035
PC40:2	DLPC	554.505	658.965	636.52
PC40:3	DLPC	664.35	814.385	804.105
PC40:4	DLPC	1297.385	1646.61	1599.72
PC40:5	DLPC	2357.16	3037.295	2595.165
PC40:6	DLPC	5043.91	6560.81	5545.98
PC42:0	DLPC	92.375	109.365	122.475
PC42:1	DLPC	124.67	141.425	160.55
PC42:2	DLPC	230.35	286.505	287.32
PC42:3	DLPC	216.855	263.04	262.57
PC42:4	DLPC	204.575	263.76	257.84
PC42:5	DLPC	193.585	246.785	254.82
PC42:6	DLPC	298.795	370.325	377.46
PC44:0	DLPC	70.805	82.635	93.905
PC44:1	DLPC	38.025	40.75	52.145
PC44:2	DLPC	80.26	85.2	95.76
PC44:3	DLPC	81.55	96.72	101.28
PC44:4	DLPC	46.205	53.915	70.28
PC44:5	DLPC	59.465	60.475	105.76
PC44:6	DLPC	59.285	60.21	143.905
PE(O-)30:0	PE31:1	4.145	6.17	5.75
PE(O-)30:1	PE31:1	4.115	3.455	2.705
PE(O-)32:2	PE31:1	11.465	3.32	5.985
PE(O-)32:5	PE31:1	NA	NA	NA
PE(O-)34:0	PE31:1	32.995	47.905	43.06
PE(O-)34:1	PE31:1	168.165	194.52	192.1
PE(O-)34:2	PE31:1	54.975	63.765	49.03
PE(O-)34:3	PE31:1	10.925	13.325	17.1

PE(O-)34:4	PE31:1		120.55	186.105	175.97
PE(O-)34:5	PE31:1	NA	NA		1.085
PE(O-)36:3	PE31:1		54.98	70.975	81.72
PE(O-)36:4	PE31:1		82.435	99.885	85.835
PE(O-)36:5	PE31:1		54.505	72.51	54.235
PE(O-)36:6	PE31:1		30.635	36.195	43.66
PE(O-)38:4	PE31:1		469.775	531.805	490.24
PE(O-)38:5	PE31:1		458.165	514.52	444.285
PE(O-)38:6	PE31:1		332.395	390.52	327.61
PE(O-)40:6	PE31:1		463.315	565.635	477.935
PE28:0	PE31:1		9.91	8.525	8.435
PE28:1	PE31:1		14.85	8.31	9.83
PE28:2	PE31:1	NA		2.195	0.845
PE28:3	PE31:1	NA	NA	NA	
PE28:4	PE31:1	NA	NA	NA	
PE28:5	PE31:1		0.91	1.115	4.41
PE28:6	PE31:1	NA		0.995	NA
PE30:0	PE31:1		14.425	16.635	17.445
PE30:1	PE31:1		18.545	25.375	20.135
PE30:2	PE31:1	NA	NA	NA	
PE30:3	PE31:1	NA	NA	NA	
PE30:4	PE31:1		2	3.49	2.27
PE30:5	PE31:1	NA	NA	NA	
PE30:6	PE31:1	NA	NA		2.725
PE32:0	PE31:1		124.79	148.11	140.61
PE32:1	PE31:1		428.43	494.905	479.14
PE32:2	PE31:1		56.125	69.445	55.95
PE32:3	PE31:1		2.26	5.125	5.81
PE32:4	PE31:1	NA		0.87	2.335
PE32:5	PE31:1	NA	NA	NA	
PE32:6	PE31:1		4.375	5.115	5.06
PE34:0	PE31:1		633.7	815	705.9
PE34:1	PE31:1		6320.36	7450.83	7120.985
PE34:2	PE31:1		2288.135	2837.49	2505.84
PE34:3	PE31:1		120.785	154.275	145.025
PE34:4	PE31:1		13.255	20.31	21.43
PE34:5	PE31:1		2.685	3.18	3.87
PE34:6	PE31:1		4.45	4.915	6.26
PE36:0	PE31:1		991.73	1191.26	1097.395
PE36:1	PE31:1		14595.975	16851.845	14778.785
PE36:2	PE31:1		21835.08	25426.89	23382
PE36:3	PE31:1		1181.22	1365.43	1337.225
PE36:4	PE31:1		578.36	740.715	648.545
PE36:5	PE31:1		169.09	225.56	204.62
PE36:6	PE31:1		29.105	30.96	36.58
PE38:0	PE31:1		264.695	313.69	273.875

PE38:1	PE31:1	360.405	438.7	410.14
PE38:2	PE31:1	1371.07	1543.435	1410.285
PE38:3	PE31:1	3129.16	3681.13	3200.39
PE38:4	PE31:1	13307.06	15488.46	14015.835
PE38:5	PE31:1	6729.32	8290.26	7443.325
PE38:6	PE31:1	1132.88	1378.695	1211.045
PE40:0	PE31:1	48.01	55.84	53.675
PE40:1	PE31:1	148.565	155.46	151.065
PE40:2	PE31:1	389.47	481.67	400.495
PE40:3	PE31:1	477.18	552.365	543.765
PE40:4	PE31:1	1204.31	1430.14	1264.63
PE40:5	PE31:1	2688.445	3300.505	2824.045
PE40:6	PE31:1	3950.385	4750.53	4456.19
PE42:0	PE31:1	15.66	17.01	23.145
PE42:1	PE31:1	127.515	127.565	113.975
PE42:2	PE31:1	152.33	154.2	142.615
PE42:3	PE31:1	92.685	109.195	102.08
PE42:4	PE31:1	108.37	128.325	116.1
PE42:5	PE31:1	178.685	208.73	195.025
PE42:6	PE31:1	130.285	159.65	143.07
PE44:0	PE31:1	3.355	2.37	6.365
PE44:1	PE31:1	9.825	10.5	14.455
PE44:2	PE31:1	25.52	21.67	23
PE44:3	PE31:1	19.645	21.35	24.37
PE44:4	PE31:1	40.83	39.795	39.935
PE44:5	PE31:1	80.37	100.8	84.02
PE44:6	PE31:1	50.405	60.65	66.01
PI(O-)30:0	PI31:1	4.545	1.37	1.015
PI(O-)30:1	PI31:1	13.815	13.35	12.92
PI(O-)30:2	PI31:1	1.875	2.605	0.97
PI(O-)30:3	PI31:1	0.165	NA	NA
PI(O-)30:5	PI31:1	0.605	NA	0.3
PI(O-)30:6	PI31:1	3.64	4.14	1.23
PI(O-)32:2	PI31:1	21.405	23.105	28.865
PI(O-)32:3	PI31:1	NA	NA	NA
PI(O-)32:4	PI31:1	0.25	NA	0.39
PI(O-)32:5	PI31:1	1.02	0.18	NA
PI(O-)32:6	PI31:1	2.18	1.815	0.875
PI(O-)34:2	PI31:1	11.655	23.1	10.18
PI(O-)34:5	PI31:1	0.37	NA	NA
PI(O-)34:6	PI31:1	1.855	2.28	1.04
PI(O-)36:1	PI31:1	72.16	97.005	72.61
PI(O-)36:2	PI31:1	135.145	218.015	156.92
PI(O-)36:3	PI31:1	15.385	30.075	22.055
PI(O-)36:4	PI31:1	8.155	10.835	7.895
PI(O-)36:5	PI31:1	0.895	0.975	1.045

PI(O-)38:1	PI31:1	50.31	61.615	59.595
PI(O-)38:2	PI31:1	445.675	611.545	487.93
PI(O-)38:3	PI31:1	271.04	365.715	284.135
PI(O-)38:4	PI31:1	179.86	254.315	215.74
PI(O-)38:5	PI31:1	105.7	143.955	128.23
PI(O-)40:2	PI31:1	102.3	169.575	99.06
PI(O-)40:3	PI31:1	555.6	865.43	606.775
PI(O-)40:4	PI31:1	242.625	404.655	280.8
PI(O-)40:5	PI31:1	77.855	101.455	76.835
PI(O-)42:1	PI31:1	17.335	26.76	16.455
PI(O-)42:2	PI31:1	18.855	27.51	17.865
PI(O-)42:3	PI31:1	24.62	51.075	20.515
PI(O-)42:6	PI31:1	29.225	37.265	26.265
PI(O-)44:1	PI31:1	6.505	4.445	1.43
PI(O-)44:4	PI31:1	16.715	17.17	10.96
PI28:0	PI31:1	0.705	NA	0.565
PI28:1	PI31:1	2.32	2.59	3.195
PI28:2	PI31:1	1.5	1.06	4.315
PI28:3	PI31:1	1.785	0.405	0.665
PI28:4	PI31:1	2.35	0.24	0.41
PI28:5	PI31:1	0.88	0.505	NA
PI28:6	PI31:1	1.95	0.3	1.06
PI30:0	PI31:1	9.015	7.425	2.95
PI30:1	PI31:1	44.605	39.31	63.185
PI30:2	PI31:1	8.65	8.87	11.78
PI30:3	PI31:1	0.965	0.435	0.615
PI30:4	PI31:1	0.84	0.295	0.5
PI30:5	PI31:1	2.045	0.9	0.93
PI30:6	PI31:1	0.865	0.4	1.425
PI31:1	PI31:1	10000	10000	10000
PI32:0	PI31:1	12.11	18.77	12.22
PI32:1	PI31:1	57.35	90.64	72.6
PI32:2	PI31:1	129.15	163.14	173.83
PI32:3	PI31:1	1.455	1.06	1.36
PI32:4	PI31:1	0.17	1.65	NA
PI32:5	PI31:1	0.205	NA	NA
PI32:6	PI31:1	2.735	0.885	0.99
PI34:0	PI31:1	56.01	77.56	50.045
PI34:1	PI31:1	966.125	1297.285	1025.36
PI34:2	PI31:1	1133.825	1465.025	1366.005
PI34:3	PI31:1	42.51	49.165	39.56
PI34:4	PI31:1	1.555	1.31	2.39
PI34:5	PI31:1	1.05	NA	0.205
PI34:6	PI31:1	0.505	NA	0.18
PI36:0	PI31:1	298.96	314.395	312.035
PI36:1	PI31:1	5864.61	7081.295	6934.395

PI36:2	PI31:1	13019.74	17129.55	15666.575
PI36:3	PI31:1	1043.305	1444.03	1259.38
PI36:4	PI31:1	285.605	393.12	316.29
PI36:5	PI31:1	36.875	55.39	48.52
PI36:6	PI31:1	62.955	81.32	46.95
PI38:0	PI31:1	25.71	45.75	37.28
PI38:1	PI31:1	211.955	270.77	249.91
PI38:2	PI31:1	3303.785	4387.205	3957.425
PI38:3	PI31:1	20065.86	27073.81	23710.035
PI38:4	PI31:1	22578.76	29565.22	27124.655
PI38:5	PI31:1	4747.905	6751.62	5899.015
PI38:6	PI31:1	243.54	316.845	320.3
PI40:0	PI31:1	118.715	218.12	107.42
PI40:1	PI31:1	166.08	277.755	210.325
PI40:2	PI31:1	234.61	312.375	244.865
PI40:3	PI31:1	1233.04	1697.295	1498.495
PI40:4	PI31:1	1977.94	2904.425	2456.16
PI40:5	PI31:1	2757.99	4578.17	3482.585
PI40:6	PI31:1	1951.46	3393.01	2357.21
PI42:0	PI31:1	9.38	17.92	6.97
PI42:1	PI31:1	120.2	158.43	112.64
PI42:2	PI31:1	404.78	745.08	466.75
PI42:3	PI31:1	542.07	921.775	599.875
PI42:4	PI31:1	115.99	141.41	121.31
PI42:5	PI31:1	32.08	31.175	24.8
PI42:6	PI31:1	18.3	46.76	17.62
PI44:0	PI31:1	6.045	19.51	11.425
PI44:1	PI31:1	11.865	16.795	8.535
PI44:2	PI31:1	26.39	43.52	32.445
PI44:3	PI31:1	79.2	112.945	92.615
PI44:4	PI31:1	252.485	384.105	358.17
PI44:5	PI31:1	313.34	412.145	355.26
PI44:6	PI31:1	71.97	72.85	95.62
PS(O-)30:0	PS31:1	2.105	3.71	1.485
PS(O-)30:1	PS31:1	0.51	0.06	0.23
PS(O-)30:2	PS31:1	NA	NA	NA
PS(O-)30:6	PS31:1	NA	NA	NA
PS(O-)32:2	PS31:1	1.475	1.325	0.87
PS(O-)34:0	PS31:1	62.805	74.975	66.89
PS(O-)34:1	PS31:1	174.195	218.185	208.4
PS(O-)34:2	PS31:1	13.865	14.74	16.295
PS(O-)34:3	PS31:1	14.295	20.835	17.665
PS(O-)34:5	PS31:1	NA	NA	NA
PS(O-)36:0	PS31:1	61.35	77.075	95.925
PS(O-)36:1	PS31:1	819.715	1006.965	1049.42
PS(O-)36:2	PS31:1	144.815	180.695	165.22

PS(O-)36:3	PS31:1		8.46	6.93	7.02
PS(O-)36:4	PS31:1		2.455	2.715	3.445
PS(O-)36:5	PS31:1		0.54	0.245	0.76
PS(O-)38:0	PS31:1		23.5	39.575	32.56
PS(O-)38:1	PS31:1		152.37	186.865	175.785
PS(O-)38:2	PS31:1		95.455	138.875	115.21
PS(O-)38:3	PS31:1		45.705	64.61	67.765
PS(O-)38:4	PS31:1		69.12	93.195	71.855
PS(O-)38:5	PS31:1		49.09	69.675	61.97
PS(O-)38:6	PS31:1		26.66	28.615	32.185
PS(O-)40:1	PS31:1		20.895	37.545	26
PS(O-)40:2	PS31:1		54.15	66.735	72.63
PS(O-)40:5	PS31:1		267.48	394.995	338.055
PS(O-)40:6	PS31:1		86.115	141.8	113.3
PS(O-)42:2	PS31:1		30.815	47.235	36.1
PS(O-)44:6	PS31:1		0.935	1.495	0.23
PS28:0	PS31:1		0.21	0.18	0.2
PS28:1	PS31:1	NA	NA	NA	
PS28:2	PS31:1		0.2	NA	NA
PS28:3	PS31:1	NA	NA	NA	
PS28:4	PS31:1	NA	NA	NA	
PS28:5	PS31:1	NA	NA	NA	
PS28:6	PS31:1	NA	NA		0.065
PS30:0	PS31:1		1.305	1.58	1.05
PS30:1	PS31:1		8.515	6.33	3.435
PS30:2	PS31:1	NA	NA	NA	
PS30:3	PS31:1	NA	NA	NA	
PS30:4	PS31:1	NA	NA	NA	
PS30:5	PS31:1	NA	NA	NA	
PS30:6	PS31:1		0.145	NA	0.27
PS31:1	PS31:1		33000	33000	33000
PS32:0	PS31:1		80.32	89.925	97.625
PS32:1	PS31:1		55.75	61.965	63.635
PS32:2	PS31:1		0.445	0.215	0.86
PS32:3	PS31:1		0.06	NA	NA
PS32:4	PS31:1	NA	NA	NA	
PS32:5	PS31:1	NA	NA	NA	
PS32:6	PS31:1		10.08	9.58	10.67
PS34:0	PS31:1		1208.26	1466.51	1550.16
PS34:1	PS31:1		3671.15	4651.77	4789.325
PS34:2	PS31:1		269.925	344.65	322.095
PS34:3	PS31:1		4.25	5.835	5.985
PS34:4	PS31:1		0.365	0.245	1.08
PS34:5	PS31:1		0.05	0.105	0.17
PS34:6	PS31:1		3.55	2.025	2.43
PS36:0	PS31:1		1462.46	1741.95	1751.94

PS36:1	PS31:1	24932.845	28962.17	29217.02
PS36:2	PS31:1	6555.61	8416.975	8450.995
PS36:3	PS31:1	107.83	149.38	147.19
PS36:4	PS31:1	56.16	82.075	76.245
PS36:5	PS31:1	5.265	3.5	9.555
PS36:6	PS31:1	2.695	5.36	3.68
PS38:0	PS31:1	52.425	84.565	72.705
PS38:1	PS31:1	567.43	724.485	606.795
PS38:2	PS31:1	988.975	1521.28	1152.39
PS38:3	PS31:1	713.045	1025.665	816.875
PS38:4	PS31:1	858.93	1375.285	1141.985
PS38:5	PS31:1	238.915	388.415	292.2
PS38:6	PS31:1	30.94	47.45	38.185
PS40:0	PS31:1	26.76	44.095	39.745
PS40:1	PS31:1	349.775	488.97	405.92
PS40:2	PS31:1	790.21	1178.535	1063.24
PS40:3	PS31:1	445.135	666.85	562.225
PS40:4	PS31:1	894.655	1436.11	1115.995
PS40:5	PS31:1	1692.29	2956.595	2125.795
PS40:6	PS31:1	1116.675	1595.435	1377.705
PS42:0	PS31:1	7.985	18.04	9.99
PS42:1	PS31:1	136.82	182.385	155.88
PS42:2	PS31:1	225.3	282.13	249.97
PS42:3	PS31:1	105.025	132.01	149.82
PS42:4	PS31:1	55.96	73.34	56.68
PS42:5	PS31:1	49.835	74.45	55.76
PS42:6	PS31:1	57.115	75.225	62.5
PS44:0	PS31:1	0.215	0.38	NA
PS44:1	PS31:1	3.18	2.795	1.515
PS44:2	PS31:1	9.145	14.065	9.77
PS44:3	PS31:1	5.285	13.925	7.13
PS44:4	PS31:1	5.67	10.17	4.65
PS44:5	PS31:1	7.19	15.265	11.345
PS44:6	PS31:1	7.625	17.18	9.9
SM32:0	C12SM	5.525	7.98	6.13
SM32:1	C12SM	104.31	145.41	116.91
SM32:2	C12SM	0.855	0.885	1.005
SM34:0	C12SM	329.555	507.125	318.815
SM34:1	C12SM	5960.23	9202.24	5619.34
SM34:2	C12SM	127.235	163.905	133.105
SM36:0	C12SM	21.795	33.09	23.93
SM36:1	C12SM	75.415	117.38	74.97
SM36:2	C12SM	13.47	16.28	14.08
SM38:1	C12SM	29.85	43.74	32.68
SM38:2	C12SM	3.66	4.05	3.65
SM38:3	C12SM	0.46	0.61	0.36

SM40:0	C12SM	17.325	25.685	20.605
SM40:1	C12SM	193.18	297.355	223.35
SM40:2	C12SM	72.045	84.61	89.65
SM40:3	C12SM	5.99	6.92	6.67
SM42:0	C12SM	30.645	40.445	32.595
SM42:1	C12SM	672.825	1002.08	798.655
SM42:2	C12SM	3355.93	4644.96	4227.3
SM42:3	C12SM	206.37	226.69	220.895
SM44:0	C12SM	0.72	0.995	0.855
SM44:1	C12SM	2.47	3.74	3.245
SM44:2	C12SM	12.82	14.57	14.095
SM44:3	C12SM	4.405	6.165	6.215

myriocin_Calu6_1	myriocin_Calu6_2	myriocin_Calu6_3
25000	25000	25000
5000	5000	5000
5000	5000	5000
NA	NA	NA
1000	1000	1000
2.37	2.12	1.465
19.695	23.455	23.795
1.595	NA	NA
229.105	247.59	197.1
662.325	649.685	611.395
11.655	9.97	9.135
66.495	70.7	60.705
4.885	6.93	4.025
2	2.19	1.205
23.845	18.395	28.68
2.135	2.345	1.68
21.555	18.635	16.72
116.82	109.125	133.36
8.64	5.88	4.67
93.76	97.26	162.24
70.995	57.02	60.93
227.265	210.775	210.11
441.655	417.75	363.095
744.9	676.195	630.03
NA	1.39	2.26
10.95	9.86	15.78
2.06	2.295	6.965
15.625	13.83	16.445
53.92	51.455	69.93
8.65	9.52	11.555
10.595	7.96	16.17
22.78	13.71	15.45
2.24	3.66	3.5
3.27	2.94	4.35
3.165	2.32	2.44
75.55	76.23	79.29
101.765	98.99	99.105
362.72	296.235	313.29
NA	0.29	NA
7.48	4.045	3.935
473.37	431.145	467.44
587.46	544.255	595.14
8.055	9.62	7.725
NA	NA	NA
76.32	81.06	79.705

43.95	43.715	37.975
26.79	23.62	27.31
5.975	3.2	3.265
1.08	0.985	0.3
20.105	12.405	11.23
10.88	9.865	9.225
50.74	56.63	43.62
NA	NA	NA
109.935	102.695	99.74
824	722.4	850.82
26.93	25.5	22.375
2490.78	2211.385	2286.14
41.995	32.805	36.35
3.135	4.285	1.135
212.945	210.42	222.255
718.645	633.29	691.275
206.235	181.11	211.045
0.985	0.585	0.71
37.515	22.87	27.485
40.475	46.205	42.58
37.28	36.265	32.705
9.15	7.965	7.515
1.23	1.15	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
1711.335	1606.71	1471.225
3.145	2.635	5.365
1279.335	1110.515	1144.02
205.185	186.18	193.025
273.545	247.63	246.855
115.71	94.82	105.8
44	42.3	49.37
14.565	14.9	12.12
3.67	2.805	2.22
NA	NA	NA
1.025	NA	NA
0.335	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
1.695	1.36	0.345

NA		0.25	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	14.545	12.705	9.87
NA	NA	NA	
NA	NA	NA	
	38.115	32.315	37.24
	1.745	2.52	0.485
NA	NA	NA	
NA	NA	NA	
	34.61	42.35	37.95
	3.88	3.635	1.38
NA	NA	NA	
NA	NA	NA	
	3.375	3.275	1.89
NA	NA	NA	
	5.92	7.375	9.91
	2.455	1.59	0.88
NA	NA	NA	
NA	NA	NA	
	0.945	0.23	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA		3.515
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	2.95	4.325	5.795
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	

NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
17.95	18.13	12.85
2.555	NA	NA
2.555	0.61	2.015
19.63	16.59	22.27
4.865	5.1	3.135
4.09	5.48	4.455
6.115	4.145	3.925
18.525	13.285	18.705
16.925	11.95	13.445
46.325	35.97	33.295
11.39	10.49	11.01
68.64	57.965	62.56
4.475	5.825	10.87
4000	4000	4000
NA	NA	NA
1.435	2.425	1.31
1.96	1.775	1.165
5.94	4.76	6.925
6.56	7.3	12.545
5.425	4.095	6.305
3.035	2.475	2.505
85.015	87.43	95.21
2.81	4.96	5.51
4.005	3.925	6.2
1.21	1.51	1.17
2.78	1.83	2.565
6.765	6.055	6.705
9.415	11.39	14.225
2.52	2.235	2.665
45.19	46.63	47.015
97.245	95.08	93.52
1.53	3.09	3.035
3.525	3.34	3.735
3.57	4.13	5.42
2.58	2.45	1.705
2.475	2.03	2.07

3.095	2.535	2.6
2.455	2.845	3.28
2.66	3.245	4.355
0.835	0.85	0.865
0.585	0.595	0.685
0.235	0.29	0.185
54.855	51.475	59.69
6.78	6.49	6.39
0.61	0.68	0.585
26.64	25.655	25.03
103.355	103.7	105.655
0.565	0.915	0.505
1.685	1.63	1.09
19.245	16.23	13.505
3.05	2.645	2.905
2.855	2.36	2.23
1.98	1.765	1.81
0.875	1.05	0.835
NA	NA	0.89
3.53	3.905	4.665
NA	NA	NA
8.215	10.72	13.83
4.445	3.415	3.97
NA	NA	NA
32.61	39.58	32.485
133.76	110.8	117.675
1.23	2.62	2.88
NA	NA	NA
25.145	23.415	21.605
1.78	1.005	2.11
6.125	3.5	4.41
6.935	5.255	6.64
3.585	3.53	3.475
NA	NA	NA
0.87	0.28	2.165
NA	NA	NA
0.77	0.72	NA
NA	1.335	1.03
NA	NA	NA
204.26	202.47	250.97
23.885	20.775	37.485
NA	NA	NA
NA	NA	NA
0.52	NA	NA
0.385	0.53	0.695
NA	NA	1.555

NA	NA	NA	
NA	0.695	0.94	
NA	0.13	NA	
19.845	17.65	41.355	
NA	NA	NA	
0.605	0.425	0.535	
0.21	NA	0.475	
NA	NA	NA	
12.22	15.285	13.525	
43.885	46.805	58.61	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
752.175	740.5	809.395	
278.47	279.29	288.205	
18.915	15.045	16.32	
4.985	4.27	3.625	
2.44	1.885	1.775	
2.27	1.82	1.36	
28.29	25.985	26.225	
10400.455	10512.74	11033.77	
7458.025	7150.225	7479.165	
1074.885	1057.61	1069.605	
79.13	74.835	79.955	
24.825	23.375	24.525	
22.57	21.025	22.15	
415.94	395.61	415.765	
13993.475	14009.1	14686.425	
72131.035	69099.805	73247.505	
11071.58	10185.13	11119.885	
815.255	762.88	815.505	
82.455	77.2	85.61	
84.705	82.18	79.83	
2385.54	2251.135	2388.585	
13400.545	13553.93	13566.5	
22722.555	22666.705	23344.835	
6199.215	5977.985	6370.49	
6933.52	6657.84	6717.405	
3416.745	3185.375	3256.74	
1389.765	1335.375	1367.955	
2213.635	2181.135	2204.885	
4599.565	4553.74	4595.81	

5028.33	4947.645	5068.24
11168.505	10524.2	10968.565
20153.205	18906.965	20156.52
12378.475	11616.855	12435.855
1044.53	1052.685	1122.84
1441.005	1508.715	1543.98
3128.005	2879.58	3182.62
6541.1	6219.165	6507.285
11292.985	10913.125	12027.445
308.055	305.38	333.19
608.95	584.26	644.87
326.715	329.02	354.375
387.11	392.645	448.705
569.675	538.895	565.45
724.745	671.26	714.335
52.97	50.535	59.855
86.48	84.775	96.21
96.365	92.655	106.59
179.545	170.61	203.465
315.905	310.35	341.205
228.895	225.835	251.585
135.59	125.535	130.215
148.67	131.16	123.215
5.64	5.65	5.135
1.115	0.925	1.045
0.49	0.35	0.655
0.615	0.53	0.435
9.855	8.865	9.325
3670.03	3643.97	3706.77
1986.835	1842.405	1935.86
195.595	179.775	198.52
10.515	10.805	10.42
3.735	3.42	3.025
3.1	2.26	2.52
48.28	42.935	49.96
26424.485	26875.72	27508.46
38595.325	37342.685	38645.65
4808.365	4515.715	4829.18
273.365	242.03	260.465
24.005	22.35	22.99
26.225	21.28	23.84
620.04	585.565	655.915
29347.415	28909.61	29562.305
326883.43	323574.125	330511.09
77368.625	75557.35	78312.35
3950.535	3704.97	3961.63

	330.375	312.51	319.835
	218.77	189.45	206.265
	967.65	970.635	992.17
	4736.315	4646.17	4594.825
	53099.995	52159.395	53314.355
	295338.62	288425.13	297976.515
	17497.105	17092.075	17376.83
	5632.725	5354.21	5484.625
	2025.375	1858.85	1945.67
	596.605	537.215	583.375
	7301.25	7136.615	7601.415
	3177.735	3169.32	3361.185
	9782.05	9772.83	10526.92
	6874.55	6617.92	7334.52
	9404.77	9316.11	9685.765
	10827.14	10552.225	10879.435
	6733.59	6765.24	6591.175
	558.125	544.36	590.98
	484.71	466.755	494.825
	818.48	805.71	883.415
	809.985	775.565	855.355
	1540.6	1458.415	1595.22
	2736.395	2698.935	2761.37
	5913.855	5675.845	5777.645
	140.08	134.46	155.74
	259.69	259.73	281.07
	446.225	454.24	475.175
	296.445	285.335	308.86
	261.485	240.45	277.68
	255.185	241.245	259.31
	380.165	361.94	391.995
	136.645	139.08	147.965
	76.515	73.24	82.48
	156.645	160.55	173.595
	111.87	113.48	121.37
	64.1	67.46	69.07
	74.48	78.425	85.005
	72.385	73.57	88.19
	3.53	3.58	3.56
	2.635	2.6	2.4
	6.49	4.28	5.245
NA	NA	NA	
	46.655	47.735	39.21
	211.57	220.64	206.8
	58.675	57.685	60.76
	13.815	13.545	12.395

	169.14	154.925	190.9
NA		0.755	NA
	77.98	77.07	70.29
	89.8	93.4	84.11
	57.285	58.11	63.185
	29.31	39.45	33.99
	577.32	521.215	574.4
	550.165	493.745	524.325
	381.58	351.255	351.845
	563.535	526.205	540.365
	6.145	4.755	7.74
	9.075	7.68	7.755
	0.955	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA		0.885
NA	NA	NA	NA
	13.255	11.565	12.775
	16.325	14.995	18.87
NA	NA	NA	NA
NA	NA	NA	NA
	2.355	NA	0.935
NA	NA	NA	NA
NA	NA	NA	NA
	146.645	137.91	145.415
	498.3	514.76	489.405
	67.86	59.4	73.005
	2.58	4.685	3.91
NA	NA	NA	NA
NA	NA	NA	NA
	4.925	6.66	5.315
	774.85	781.45	779.775
	8013.465	8601.36	8281.475
	3201.64	3006.52	3230.295
	143.72	138.295	148.195
	21.74	16.16	19.91
	3.25	2.895	3.545
	5.315	3.78	5.335
	1410.235	1387.93	1428.675
	20042.46	20182.72	19881.96
	31558.525	31519.8	33139.55
	1624.375	1512.31	1648.97
	775.115	731.93	804.585
	234.455	208.465	243.47
	29.84	29.67	27.055
	316.575	298.86	327.39

	458.555	441.315	490.895
	1638.71	1706.105	1777.32
	3885.815	3946.715	3959.925
	17879.31	17166.38	18004.14
	9805.89	9612.205	10079.145
	1482.67	1465.6	1441.795
	74.42	56.535	61.645
	193.03	179.125	187.3
	507.575	472.195	485.15
	598.265	588.84	602.81
	1504.71	1366.73	1467.965
	3764.975	3644	3693.955
	5755.875	5507.225	5643.59
	32.085	25.615	31.01
	235.35	233.715	237.67
	281.345	272.235	280.645
	113.61	116.05	105.39
	132.105	137.29	133.04
	204.14	201.27	201.84
	148.365	142.495	161.815
	4.31	4.785	5.805
	22.02	20.88	20.525
	47.46	43.965	44.47
	28.89	28.04	33.32
	54.265	53.96	63.935
	140.515	142.305	143.55
	67.815	65.86	62.455
	2.815	2.89	1.665
	25.235	18.685	18.075
	1.62	1.525	3.175
NA	NA	NA	
	1.015	0.61	NA
	1.455	4.78	1.66
	32.83	23.935	28.645
NA		0.61	NA
NA	NA	NA	
	0.29	0.74	NA
	2.175	0.765	0.955
	13.365	9.24	16.285
NA		0.24	NA
	2.185	1.095	4.73
	140.915	141.67	118.27
	220.475	219.905	224.87
	24.135	21.96	26.785
	7.64	7.47	5.65
	1.57	1	NA

	82.575	89.435	70.065
	615.055	580.93	594.49
	471.395	392.75	389.75
	253.84	221.515	278.74
	143.28	154.34	125.63
	165.42	171.17	163.74
	818.96	773.04	679.875
	364.42	343.32	384.825
	90.345	84.225	93.415
	11.305	23.04	25.39
	22.02	24.895	25.215
	34.765	33.49	33.845
	42.11	38.715	32.185
	3.44	3.935	2.46
	15.52	15.255	11.795
	0.215	0.6	NA
	5.295	1.665	3.245
	3.74	1.445	0.79
	5.76	2.765	4.075
NA		0.745	0.31
NA	NA	NA	
	1.14	0.8	2.365
	8.305	2.915	3.945
	72.145	50.975	67.015
	10.915	8.14	4.535
	0.97	0.61	NA
NA		0.795	NA
	1.015	0.34	0.27
	1.06	1.005	0.56
	10000	10000	10000
	17.07	13.345	14.125
	100.275	85.02	92.885
	186.535	168.37	174.88
	1.635	0.79	3.825
NA	NA	NA	
NA	NA		0.255
	1.12	1.495	1.82
	95.42	87.86	76.095
	1560.36	1630.535	1697.285
	1804.9	1718.455	2046
	31.745	35.26	36.665
	3.01	0.9	2.13
	0.75	0.245	NA
	0.185	0.55	NA
	587.01	522.765	538.175
	11992.865	11425.18	11065.48

23806.47	22725.185	24518.775
1557.105	1611.62	1648.375
335.595	322.465	404.035
34.45	43.615	48.925
46.615	50.435	49.075
31.005	39.055	34.215
420.99	392.385	420.93
5809.105	5797.35	6069.955
30815.75	28326.83	31634.02
30751.995	29334.82	29429.5
6821.865	6188.44	6778.135
343.15	364.1	350.26
169.685	166.47	159.97
238.965	255.66	276.61
398.77	362.85	321.295
1877	1779.26	1883.81
2751.28	2823.855	2841.06
4119.705	4078.995	3976.705
3152.405	2971.79	3123.485
11.26	15.45	9.48
100.8	148.68	138.22
541.88	582.655	541.945
726.42	683.03	715.72
122.01	145.08	135.49
31.73	33.63	33.545
27.93	39.79	29.685
10.19	11.375	10.525
9.425	9.625	7.73
28.495	33.19	29.1
113.24	90.015	91.32
409.165	321.305	341.205
440.115	318	339.745
79.71	83.615	64.86
0.985	1.89	0.51
0.3	0.11	0.45
NA	NA	NA
NA	NA	NA
1.01	0.72	0.225
69.845	72.34	78.245
293.99	265.585	239.85
21.97	17.525	20.595
19.57	16.565	18.115
NA	NA	NA
127.915	105.225	105.12
1555.5	1428.88	1160.975
264.295	266.075	235.435

	16.75	10.365	10.07
	3.395	2.165	1.735
	1.99	0.325	1.14
	38.72	40.84	37.955
	232.705	217.7	192.945
	170.535	163.465	154.095
	95.135	76.76	89.35
	114.635	111.205	85.3
	90.22	81.58	83.815
	48.435	47.53	35.545
	36.01	27.685	25
	78.125	80.27	79.58
	559.53	486.935	527.075
	197.59	172.245	178.665
	60.1	49.72	37.1
	0.89	1.725	1.815
	0.07	NA	NA
NA	NA	NA	
NA		0.295	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	2.285	2.13	0.355
	5.16	7.895	3.64
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	33000	33000	33000
	96.515	101.31	80.28
	68.33	66.105	63.885
	0.155	0.25	0.175
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	11.265	12.955	9.2
	1134.81	1006.405	840.865
	5414.75	4894.195	4801.855
	457.31	424.305	417.32
	9.075	4.3	4.115
	0.415	0.9	NA
	0.14	0.355	0.24
	4.11	3.18	2.035
	2536.115	2354.755	1971.22

41961.765	39789.895	33966.37
11789.35	11343.26	10344.95
159.815	134.54	158.11
57.39	60.22	59.03
6.015	4.105	4.845
5.9	7.785	3.38
86.965	68.15	63.565
716.91	665.93	689.33
1391.345	1308.55	1284.94
1070.215	968.735	958.88
1511.775	1256.655	1197.985
457.805	384.46	362.625
41.495	44.985	43.345
60.27	55.86	59.735
588.05	512.535	463.065
1198.865	1108.99	1001.005
721.06	674.495	664.925
1343.705	1157.8	1180.57
2932.595	2741.64	2522.005
1822.665	1647.495	1727.945
30.035	30.64	17.295
468.2	435.735	386.325
674.765	607.24	526.805
151.315	155.955	125.92
59.18	67.115	61.35
67.915	71.485	54.925
81.72	83.15	72.125
1.26	0.355	0.31
7.865	5.645	4.84
26.79	18.55	19.045
9.98	8.96	9.235
12.585	9.22	15.27
13.71	18.57	15.71
18.86	10.79	21.345
2.91	2.855	3.245
77.345	75.93	83.825
1.2	1.125	1.12
81.725	79.665	89.07
2987.48	2871.12	3198.07
180.64	178.94	191.765
20.57	16.485	20.005
32.79	27.575	31.89
11.1	10.22	12.37
28.87	23.065	27.095
3.07	2.29	3.14
0.39	0.385	0.31

14.105	11.305	13.135
120.325	90.21	114.99
66.12	59.51	62.81
6.38	5.14	5.725
15.18	13.285	14.365
215.495	207.83	219.975
1000.355	972.12	1084.665
176.87	165.595	183.84
0.885	0.67	0.76
1.28	0.92	1.17
2.89	2.71	2.83
1.57	1.455	1.69

LipidName	standard_ion
C12SM	C12SM
C17Cer	C17Cer
C17Cer(-H2O)	C17Cer
C8GC	NA
C8GC(-H2O)	C8GC
Cer32:1	C17Cer
Cer32:1(-H2O)	C17Cer
Cer32:2	C17Cer
Cer34:1	C17Cer
Cer34:1(-H2O)	C17Cer
Cer36:1	C17Cer
Cer36:1(-H2O)	C17Cer
Cer36:2	C17Cer
Cer38:1	C17Cer
Cer38:1(-H2O)	C17Cer
Cer38:2	C17Cer
Cer40:1	C17Cer
Cer40:1(-H2O)	C17Cer
Cer40:2	C17Cer
Cer40:2(-H2O)	C17Cer
Cer42:1	C17Cer
Cer42:1(-H2O)	C17Cer
Cer42:2	C17Cer
Cer42:2(-H2O)	C17Cer
Cer44:1	C17Cer
Cer44:1(-H2O)	C17Cer
Cer44:2	C17Cer
Cer44:2(-H2O)	C17Cer
CerP32:1	C17Cer
CerP34:1(-H2O)	C17Cer
CerP36:1	C17Cer
CerP36:1(-H2O)	C17Cer
CerP38:1	C17Cer
CerP38:1(-H2O)	C17Cer
CerP42:1(-H2O)	C17Cer
CL68:3_C16:0	CL56:0
CL68:3_C16:1	CL56:0
CL68:3_C18:1	CL56:0
CL68:3_C18:2	CL56:0
CL68:4_C16:0	CL56:0
CL68:4_C16:1	CL56:0
CL68:4_C18:1	CL56:0
CL68:4_C18:2	CL56:0
CL68:5_C16:0	CL56:0
CL68:5_C16:1	CL56:0

CL68:5_C18:1	CL56:0
CL68:5_C18:2	CL56:0
CL68:6_C16:1	CL56:0
CL68:6_C18:2	CL56:0
CL70:2_C16:0	CL56:0
CL70:2_C18:0	CL56:0
CL70:2_C18:1	CL56:0
CL70:2_C20:1	CL56:0
CL70:3_C16:0	CL56:0
CL70:3_C18:1	CL56:0
CL70:4_C16:0	CL56:0
CL70:4_C18:1	CL56:0
CL70:4_C18:2	CL56:0
CL70:5_C16:0	CL56:0
CL70:5_C16:1	CL56:0
CL70:5_C18:1	CL56:0
CL70:5_C18:2	CL56:0
CL70:6_C16:0	CL56:0
CL70:6_C16:1	CL56:0
CL70:6_C18:1	CL56:0
CL70:6_C18:2	CL56:0
CL70:7_C16:1	CL56:0
CL70:7_C18:2	CL56:0
CL72:10_C16:1	CL56:0
CL72:10_C20:4	CL56:0
CL72:11_C16:1	CL56:0
CL72:11_C18:2	CL56:0
CL72:11_C20:4	CL56:0
CL72:11_C22:6	CL56:0
CL72:4_C18:1	CL56:0
CL72:5_C18:0	CL56:0
CL72:5_C18:1	CL56:0
CL72:5_C18:2	CL56:0
CL72:6_C18:1	CL56:0
CL72:6_C18:2	CL56:0
CL72:7_C18:1	CL56:0
CL72:7_C18:2	CL56:0
CL72:8_C18:2	CL56:0
CL72:9_C16:0	CL56:0
CL72:9_C16:1	CL56:0
CL72:9_C18:2	CL56:0
CL72:9_C18:3	CL56:0
CL72:9_C20:4	CL56:0
CL74:10_C16:0	CL56:0
CL74:10_C16:1	CL56:0
CL74:10_C18:1	CL56:0

CL74:10_C18:2	CL56:0
CL74:10_C20:3	CL56:0
CL74:10_C20:4	CL56:0
CL74:10_C22:6	CL56:0
CL74:5_C18:1	CL56:0
CL74:5_C18:2	CL56:0
CL74:5_C20:1	CL56:0
CL74:6_C18:1	CL56:0
CL74:6_C18:2	CL56:0
CL74:6_C20:1	CL56:0
CL74:6_C20:2	CL56:0
CL74:7_C18:1	CL56:0
CL74:7_C18:2	CL56:0
CL74:7_C20:1	CL56:0
CL74:7_C20:2	CL56:0
CL74:8_C18:2	CL56:0
CL74:8_C20:2	CL56:0
CL74:9_C18:1	CL56:0
CL74:9_C18:2	CL56:0
CL74:9_C20:3	CL56:0
CL74:9_C20:4	CL56:0
CL76:10_C18:1	CL56:0
CL76:10_C18:2	CL56:0
CL76:10_C20:3	CL56:0
CL76:10_C20:4	CL56:0
CL76:10_C22:5	CL56:0
CL76:10_C22:6	CL56:0
CL76:11_C18:1	CL56:0
CL76:11_C18:2	CL56:0
CL76:11_C22:5	CL56:0
CL76:11_C22:6	CL56:0
CL76:12_C18:2	CL56:0
CL76:12_C22:6	CL56:0
CL76:9_C18:0	CL56:0
CL76:9_C18:1	CL56:0
CL76:9_C18:2	CL56:0
CL76:9_C20:1	CL56:0
CL76:9_C20:4	CL56:0
CL76:9_C22:6	CL56:0
CL78:12_C18:1	CL56:0
CL78:12_C18:2	CL56:0
CL78:12_C20:2	CL56:0
CL78:12_C20:3	CL56:0
CL78:12_C22:6	CL56:0
CL78:13_C18:2	CL56:0
CL78:13_C20:3	CL56:0

CL78:13_C22:6	CL56:0
CL78:14_C18:2	CL56:0
CL78:14_C20:4	CL56:0
CL78:14_C22:6	CL56:0
CL78:15_C18:2	CL56:0
CL78:15_C18:3	CL56:0
CL78:15_C20:4	CL56:0
CL78:15_C22:6	CL56:0
CL80:14_C18:2	CL56:0
CL80:14_C22:6	CL56:0
DHCer28:1(-H2O)	C17Cer
DHCer30:1	C17Cer
DHCer32:1	C17Cer
DHCer34:0(-H2O)	C17Cer
DHCer36:0	C17Cer
DHCer36:0(-H2O)	C17Cer
DHCer38:1(-H2O)	C17Cer
DHCer40:0(-H2O)	C17Cer
DHCer40:1(-H2O)	C17Cer
DHCer42:0(-H2O)	C17Cer
DHCer42:1	C17Cer
DHCer42:1(-H2O)	C17Cer
DHCer44:1(-H2O)	C17Cer
DLPC	DLPC
GlcCer28:1	NA
GlcCer28:1(-H2O)	C8GC
GlcCer28:2(-H2O)	C8GC
GlcCer30:1(-H2O)	C8GC
GlcCer30:2(-H2O)	C8GC
GlcCer32:1(-H2O)	C8GC
GlcCer32:2(-H2O)	C8GC
GlcCer34:1(-H2O)	C8GC
GlcCer34:2(-H2O)	C8GC
GlcCer36:1(-H2O)	C8GC
GlcCer36:2(-H2O)	C8GC
GlcCer38:1(-H2O)	C8GC
GlcCer38:2(-H2O)	C8GC
GlcCer40:1(-H2O)	C8GC
GlcCer40:2(-H2O)	C8GC
GlcCer42:1(-H2O)	C8GC
GlcCer42:2(-H2O)	C8GC
GlcCer44:2(-H2O)	C8GC
GlcDHCer28:0(-H2O)	C8GC
GlcDHCer36:0(-H2O)	C8GC
GlcDHCer38:0(-H2O)	C8GC
GlcDHCer40:0(-H2O)	C8GC

GlcDHCer40:1(-H2O)	C8GC
GlcDHCer42:0(-H2O)	C8GC
GlcDHCer42:1(-H2O)	C8GC
LysoPC14:0	DLPC
LysoPC14:1	DLPC
LysoPC14:2	DLPC
LysoPC16:0	DLPC
LysoPC16:1	DLPC
LysoPC16:2	DLPC
LysoPC18:0	DLPC
LysoPC18:1	DLPC
LysoPC18:2	DLPC
LysoPC20:0	DLPC
LysoPC20:1	DLPC
LysoPC20:2	DLPC
LysoPC22:0	DLPC
LysoPC22:1	DLPC
LysoPC22:2	DLPC
LysoPE14:0	PE31:1
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LysoPE14:2	PE31:1
LysoPE16:0	PE31:1
LysoPE16:1	PE31:1
LysoPE16:2	PE31:1
LysoPE18:0	PE31:1
LysoPE18:1	PE31:1
LysoPE18:2	PE31:1
LysoPE20:0	PE31:1
LysoPE20:1	PE31:1
LysoPE20:2	PE31:1
LysoPE22:0	PE31:1
LysoPE22:1	PE31:1
LysoPE22:2	PE31:1
LysoPI14:0	PI31:1
LysoPI14:1	PI31:1
LysoPI14:2	PI31:1
LysoPI16:0	PI31:1
LysoPI16:1	PI31:1
LysoPI16:2	PI31:1
LysoPI18:0	PI31:1
LysoPI18:1	PI31:1
LysoPI18:2	PI31:1
LysoPI20:0	PI31:1
LysoPI20:1	PI31:1
LysoPI20:2	PI31:1
LysoPI22:0	PI31:1

LysoPI22:1	PI31:1
LysoPI22:2	PI31:1
LysoPS14:0	PS31:1
LysoPS14:1	PS31:1
LysoPS14:2	PS31:1
LysoPS16:0	PS31:1
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LysoPS22:1	PS31:1
LysoPS22:2	PS31:1
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PC34:3	DLPC

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PC36:5	DLPC
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PC42:6	DLPC
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PC44:6	DLPC
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PE(O-)32:5	PE31:1
PE(O-)34:0	PE31:1
PE(O-)34:1	PE31:1
PE(O-)34:2	PE31:1
PE(O-)34:3	PE31:1

PE(O-)34:4	PE31:1
PE(O-)34:5	PE31:1
PE(O-)36:3	PE31:1
PE(O-)36:4	PE31:1
PE(O-)36:5	PE31:1
PE(O-)36:6	PE31:1
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PE(O-)38:5	PE31:1
PE(O-)38:6	PE31:1
PE(O-)40:6	PE31:1
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PE34:6	PE31:1
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PE36:4	PE31:1
PE36:5	PE31:1
PE36:6	PE31:1
PE38:0	PE31:1

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PE38:6	PE31:1
PE40:0	PE31:1
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PE40:3	PE31:1
PE40:4	PE31:1
PE40:5	PE31:1
PE40:6	PE31:1
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PE42:2	PE31:1
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PE42:5	PE31:1
PE42:6	PE31:1
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PE44:4	PE31:1
PE44:5	PE31:1
PE44:6	PE31:1
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PI(O-)30:3	PI31:1
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PI(O-)32:6	PI31:1
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PI(O-)36:5	PI31:1

PI(O-)38:1	PI31:1
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PI(O-)40:2	PI31:1
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PI30:6	PI31:1
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PI32:6	PI31:1
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PI34:6	PI31:1
PI36:0	PI31:1
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PI36:2	PI31:1
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PI36:6	PI31:1
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PI38:5	PI31:1
PI38:6	PI31:1
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PI42:2	PI31:1
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PI42:6	PI31:1
PI44:0	PI31:1
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PI44:5	PI31:1
PI44:6	PI31:1
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PS(O-)34:5	PS31:1
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PS(O-)36:2	PS31:1

PS(O-)36:3	PS31:1
PS(O-)36:4	PS31:1
PS(O-)36:5	PS31:1
PS(O-)38:0	PS31:1
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PS(O-)44:6	PS31:1
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PS34:2	PS31:1
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PS34:6	PS31:1
PS36:0	PS31:1

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SM32:2	C12SM
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SM34:2	C12SM
SM36:0	C12SM
SM36:1	C12SM
SM36:2	C12SM
SM38:1	C12SM
SM38:2	C12SM
SM38:3	C12SM

SM40:0	C12SM
SM40:1	C12SM
SM40:2	C12SM
SM40:3	C12SM
SM42:0	C12SM
SM42:1	C12SM
SM42:2	C12SM
SM42:3	C12SM
SM44:0	C12SM
SM44:1	C12SM
SM44:2	C12SM
SM44:3	C12SM

BV2_myriocin_1	BV2_myriocin_2
34250	34250
5000	5000
5000	5000
NA	NA
1000	1000
19.765	6.24
19.7	13.1
9.19	2.91
70.825	52.115
221.385	165.17
3.925	3.855
16.82	13.075
8.715	3.745
2.735	3.445
10.17	7.535
2.95	2.685
5.895	5.005
27.085	16.3
3.285	1.315
23.245	20.54
15.135	7.41
84.955	37.13
116.18	96.7
173.445	108.215
2.225	NA
9.21	4.395
1.925	0.855
18.275	11.52
35.46	35.665
8.48	8.42
8.07	1.535
8.995	8.52
4.645	3.765
3.4	4.175
3.415	2.605
75.935	82.59
156.54	159.3
387.85	358.74
NA	NA
3.5	5.385
1152.47	1128.175
1522.585	1537.05
11.365	3.985
NA	NA
215.6	263.135

	105.39	108.075
	72.535	67.085
	9.425	6.205
	2.205	2.99
	6.145	5.185
	3.275	NA
	18.835	18.195
NA	NA	
	37.52	30.22
	394.575	359.765
	9.29	4.79
	1899.15	1931.525
	18.085	10.085
	0.44	NA
	208.015	211.585
	660.03	714.78
	176.53	175.735
NA	NA	
	34.165	39.235
	25.675	38.9
	30.22	22.005
	10.73	6.225
	0.535	NA
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	452.7	379.765
NA		3.915
	297.215	295.935
	53.375	36.645
	94.05	64.66
	32.94	29.445
	15	11.78
	2.645	NA
	1.76	NA
NA	NA	
	2.63	NA
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	

NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	5.17	6.22
NA	NA	
NA	NA	
NA	NA	
	9.585	10.1
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	3.955	3.09
NA	NA	
NA	NA	
NA	NA	
	0.51 NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
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NA	NA	
NA	NA	
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NA	NA	
NA	NA	
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NA	NA	
NA	NA	
NA	NA	
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NA		NA	
NA		NA	
NA		NA	
	25.195		26.73
	10.315		7.035
	6.01		4.165
	17.16		11.86
	7.115		4.79
	9.575		8.27
	6.28		5.295
	10.765		7.255
	6.34		3.68
	7.49		4.135
	2.62		2.48
	11.495		10.095
	6.48		6.16
	4000		4000
NA		NA	
	5.375		3.705
	3.735		2.955
	6.13		5.255
	3.235		2.63
	4.83		3.45
	3.69		1.655
	173.18		150.535
	5.255		3.335
	3.88		3.105
	2.805		1.95
	2.11		1.26
	2.45		1.895
	22.005		12.57
	3.855		2.68
	66.3		46.34
	90.915		59.025
	3.835		2.4
	4.24		3.15
	4.395		10.455
	1.805		2.665
	3.96		8.44

	2.05		1.78
	3.9		10.88
	3.655		3.31
	3.58		4.88
	0.33		0.36
NA		NA	
	66.63		76.085
	8.95		10.11
	0.27		0.21
	18.58		20.86
	45.19		47.165
	0.34		0.425
	1.09		1.625
	5.25		5.045
	1.08		1.36
	1.03		1.645
	1.37		1.405
	0.3		0.155
	8.62		8
	3.98		3.64
NA		NA	
	119.82		100.72
	68.44		49.825
NA		NA	
	177.11		133.465
	465.77		349.305
	13.41		18.88
	7.09		5.065
	162.39		123.065
	12.91		12.595
	5.5		2.955
	25.54		18.695
	6.64		3.435
NA		NA	
	1.565		1.135
NA		NA	
	9.17		5.255
	5.42		4.34
NA		NA	
	52.87		65.02
	113.02		104.52
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NA			0.585
	1.755		2.31

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NA		0.295
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NA	NA	
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NA	NA	
NA	NA	
	3078.78	3328.21
	672.53	685.46
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	2.15	2.395
	1.43	1.525
	2.78	3.81
	216.47	219.905
	12043.18	12609.98
	11805.65	11784.98
	731.22	744.65
	14.29	15.915
	4.82	5.375
	26.52	27.25
	2168.62	2459.495
	4143.29	4353.98
	31562.04	33583.265
	7938.15	8149.645
	191.08	198.135
	24.83	24.625
	83.15	90.205
	546.1	499.56
	4113.5	4337.68
	14086.17	14765.065
	965.81	970.255
	466.26	467.035
	303.36	297.65
	384.64	398.69
	428.84	432.395
	930.6	964.59

227.56	220.2
444.99	436.245
1940.22	1942.935
704.97	697.945
164.74	175.35
90.89	85.22
119.66	110.01
386.09	379.285
1296.28	1213.235
38.05	37.3
94.26	89.17
67.04	61.97
34.68	30.685
69.37	59.21
106.52	101.4
8.53	7.61
14.71	12.385
16.1	12.23
17.44	14.375
15.15	12.08
11.37	10.205
4915.18	5326.94
407.56	423.91
10.81	12.225
0.62	0.675
0.4	0.46
0.67	0.9
12.3	14.325
46133	52574.39
15601.21	15768.69
449.6	425.045
7.82	8.075
2.76	3.02
3.86	4.99
149.33	163.025
88550.46	96736.1
120761	123092.23
12907.14	13184.425
111.23	104.73
12.39	11.88
19.89	21.05
620.84	685.605
12157.8	12633.245
145443.04	154256.06
62557.71	61910.9
1031.31	1044.66

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	53.06	50.805
	278.24	266.96
	1026.18	1062.87
	18007.64	18915.01
	84464.79	87004.725
	4020.04	4050.925
	2629.37	2669.28
	847.35	803.08
	250.33	235.885
	563.22	542.785
	743.72	727.61
	3154.87	3094.725
	693.34	686.715
	1656.55	1587.86
	4745.6	4774.77
	1736.19	1682.605
	174.83	152.165
	173.66	177.255
	361.9	347.33
	140.38	119.13
	254.4	248.525
	906.73	929.185
	1740.68	1793.915
	16.6	16.615
	71.82	71.75
	168.01	167.705
	73.01	72.54
	55.51	52.12
	141.22	134.87
	163.8	164.865
	3.37	3.41
	12.28	10.42
	30.54	28.105
	15.82	12.88
	15.66	13.24
	25.36	20.09
	17.54	13.79
	16.07	12.52
	9.57	8.75
	35.13	34.29
NA	NA	
	75.36	80.215
	455.87	440.165
	291.62	249.22
	44.19	41.915

	143.88	130.355
	6.83	6.475
	137.38	126.545
	57.37	58.995
	94.23	85.65
	40.51	41.76
	164.72	153.59
	222.39	216.85
	250.94	197.89
	236.47	225.84
	55.26	50.225
	49.45	42.695
NA		4.06
NA	NA	
NA	NA	
NA	NA	
NA	NA	
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	410.1	390.44
	47.49	55.51
	2.59	1.665
	2.19	3.055
NA	NA	
NA		2.925
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	3989.54	4136.51
	1781.86	1672.74
	21.3	19.945
	9.29	12.12
NA		1.075
	9.02	9.21
	1121.05	970.365
	14139.34	13367.18
	12279.29	11448.405
	321.61	309.495
	126.6	115.34
	50.02	38.955
	11.95	10.28
	683.23	668.43
	11063.83	10740.525
	27369.43	25657.155
	1813.61	1723.875
	2364.47	2232.98
	1200.85	1118.505
	124.32	107.575
	149.53	123.51

	216.82	207.465
	725.2	688.43
	1141.97	1070.735
	7007.32	6701.29
	10081.36	9868.765
	3034.11	2907.965
	30.08	30.985
	53.46	45.455
	132.81	132.595
	191.49	171.36
	1135.41	1114.005
	5556.41	5303.67
	8052.47	7682.665
	3.62	5.155
	28.82	23.68
	53.93	40.14
	39.32	38.79
	80.41	66.81
	192.79	157.63
	183.47	159.855
NA	NA	
NA	NA	
	9.17	3.325
	4.53	2.555
	7.75	8.405
	25.11	18.405
	14.07	8.8
	7.16	5.405
	80.44	71.975
	25.165	16.97
	2.345	1.735
	8.11	14.16
	49.61	40.58
	64.28	54.655
	0.765	0.685
	3.08	2.07
	5.185	4.755
	10.985	11.46
	88.775	77.035
	1.73	1.535
	22.505	20.93
	433.13	407.365
	617.125	549.23
	12.635	17.825
	3.085	2.125
	0.215	0.29

	78.8	73.985
	337.655	302.9
	71.04	74.135
	68.24	66.4
	155.905	118.035
	55.645	43.535
	62.1	42.83
	40.78	40.575
	115.095	94.69
	5.625	8.63
	29.74	22.265
	38.14	29.72
	89.355	70.83
	0.65	2.43
	5.415	5.35
	15.045	17.875
	98.97	84.13
	5.18	3.5
	3.365	2.245
	2.055	0.7
	0.61	1.06
	1.5	3.26
	57.045	54.07
	542.42	487.365
	127.365	131.81
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	0.78	0.505
	1.955	2.135
	1.395	0.99
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	1585.485	1488.01
	498.975	370.93
	1.405	1.615
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	0.445	0.285
	3.95	2.025
	1097.275	936.365
	15053.4	13223.835
	7586.115	6690.645
	35.12	24.35
	0.595	2.34
	0.595	0.845
	2.59	1.21
	1205.915	1001.8
	23390.31	19282.785

	33690.575	27910.01
	638.97	544.045
	277.01	251.52
	38.6	22.6
	56.305	89.115
	283.935	263.795
	453.395	392.425
	1322.37	1153.465
	1981.365	1573.905
	6738.405	5672.815
	3323.545	2964.7
	86.275	75.68
	363	348.66
	417.675	392.91
	239.235	202.805
	221.015	183.555
	360.4	308.46
	878.825	807.06
	665.29	598.395
	7.34	10.265
	55.775	41.88
	270.085	203.31
	362.795	329.905
	57.805	57.21
	32.855	22.17
	25.735	22.38
	7.585	10.89
	18.665	25.515
	16.04	19.725
	14.38	16.77
	27.965	18.355
	51.7	66
	29.66	22.43
	3.115	3.285
NA		0.495
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NA	NA	
	2.235	1.485
	23.515	14.17
	68.935	56.49
	11.94	15.19
	26.175	23.66
NA	NA	
	16.405	17.435
	147.43	154.565
	37.755	36.335

	3.05	3.795
	0.64	0.635
	1.47	1.955
	33.615	27.66
	42.47	32.51
	12.4	15.77
	1.88	3.27
	3.94	5.36
	2.835	3.32
	12.245	16.66
	2.885	2.045
	6.07	4.455
	10.935	8.245
	11.025	12.485
	11.59	10.315
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	0.125	NA
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NA	NA	
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	60.625	43.39
	16.335	17.585
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NA	NA	
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	430.565	401.565
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	0.51	NA
NA	NA	
NA	NA	
	10.395	9.92
	410.77	345.43
	3052.83	2989.555
	272.365	290.135
	6.745	10.045
	3.73	5.315
NA		0.09
	1.045	0.925
	504.215	405.045

	8232.115	6964.085
	1967.12	1794.235
	50.275	46.725
	102.715	101.54
	8.24	7.545
	0.665	1.25
	9.05	6.38
	114.05	102.83
	127.255	133.38
	126.555	117.08
	456.925	370.775
	192.71	180.345
	94.43	96.695
	1.605	1
	22.735	17.42
	43.065	28.92
	28.18	33.47
	328.985	271.005
	1357.91	1068.3
	908.585	806.67
NA		0.255
	15.905	8.82
	19.405	22.005
	4.555	5.93
	17.89	14.135
	40.76	28.82
	17.48	24.915
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NA	NA	
	0.29	0.1
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NA	NA	
	0.17	0.36
NA	NA	
	0.52	0.41
	10.745	7.46
	0.13	0.085
	67.35	51.165
	2470.94	1865.065
	5.92	4.845
	3.775	3.095
	2.96	2.14
	0.425	0.275
	2.645	1.385
	0.18	0.09
	0.055	0.025

4.615	3.285
19.34	8.905
6.935	2.94
0.285	0.145
3.7	1.435
138.235	62.27
657.96	291.36
12.125	6.965
0.045	0.01
0.17	0.055
0.79	0.235
0.19	0.06

BV2_myriocin_3	BV2_vehicle_1
34250	34250
5000	5000
5000	5000
NA	NA
1000	1000
2.71	15.38
7.59	74.01
2.69	9.285
34.84	1674.59
154.83	2457.615
NA	13.5
6.62	43.63
3.13	4.57
0.88	9.975
7.38	39.79
0.93	7.965
1.17	149.22
13.7	373.42
1.34	43.56
15.39	206.665
6.71	1748.84
37.94	2537.935
78.55	4101.35
108.64	4361.09
NA	7.675
4.37	34.33
NA	29.52
4.71	110.06
21.29	91.055
2.53	33.785
0.46	78.505
4.3	61.735
2.96	14.73
1.5	12.045
1.39	8.02
64.32	137.76
138.24	203.055
387.98	552.45
NA	NA
2.64	14.88
1103.655	2097.38
1336.76	2666.47
6.565	13.935
NA	NA
208.115	305.16

	102.365	156.7
	77.66	99.025
	6.44	22.065
	2.205	2.745
	4.695	56.135
NA		8.73
	14.395	89.965
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	30.48	44.135
	299.28	445.22
	5.825	10.19
	1595.395	3001.13
	13.985	22.585
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	157.945	276.045
	545.475	858.295
	170.075	213.07
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	32.02	47.005
	23.535	37.29
	20.26	33.2
	9.13	23.045
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	308.03	318.97
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	84.51	132.51
	31.855	35.005
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	2.295	4.07
NA		3.295
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	1.16	5.065
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NA	NA	
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	1.915	11.605
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	4.09		13.715
	8.27		55.495
	1.42		11.79
	4.13		13.705
	3.98		11.825
	4.13		18.7
	2.84		26.84
	3.08		51.92
	3.85		114.76
	5.83		101.135
	3.06		15.415
	4000		4000
NA		NA	
	2.4		6.265
	1.02		1.8
	3.24		13.895
	2.93		5.255
	3.04		7.865
	1.17		5.22
	138.93		989.95
	1.27		9.275
	1.1		13.985
	0.64		3.37
	1.16		8.31
	0.83		15.42
	8.76		216.635
	1.46		41.62
	22.09		1076.98
	41.49		1273.975
	0.73		29.17
	2.21		2.85
	2.16		6.955
	1.1		2.385
	0.41		6.91

	1.21	4.97
	1.03	15.04
	1.26	21.445
	4.36	3.46
	0.355	0.47
NA		0.09
	59.21	45.89
	7.855	11.62
	0.215	0.33
	19.385	10.98
	41.495	52.22
	0.14	0.42
	2.735	0.7
	5.24	4.48
	1.05	1.24
	3.2	0.92
	1.345	1.1
	0.235	0.48
	20.75	22.49
	3.835	4.95
NA	NA	
	78.8	181.05
	29.01	77.21
NA	NA	
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	255.705	707.42
	10.73	13.67
	8.055	16.93
	142.97	346.67
	9.575	15.15
	8.43	6.33
	18.32	59.63
	3.185	5.2
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	1.36	3.415
NA	NA	
	4.845	6.335
	4.415	11.285
NA	NA	
	45.045	27.885
	93.445	82.86
	0.67	0.32
NA		0.27
	0.895	1.235
	0.925	0.445
	2.22	1.975

	0.505	NA
NA		0.63
	0.115	NA
	12.855	13.13
NA		NA
	1.2	1.95
NA		NA
NA		NA
	17.9	35.98
	2.775	9.785
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NA		NA
NA		NA
NA		NA
NA		NA
NA		NA
NA		NA
	3168.955	2522.36
	631.515	750.96
	22.29	28.65
	2.135	12.15
	1.64	1.96
	4.075	3.72
	205.93	160.19
	11973.36	10494.05
	10539.96	12317.47
	694.22	827.74
	13.785	16.46
	4.875	4.76
	26.74	24.29
	2237.36	1839.19
	4036.515	5353.5
	30538.365	43296.79
	7166.125	8626.05
	186.19	180.01
	24.79	31.33
	82.875	66.26
	479.3	1183.25
	3840.41	6302.73
	13105.005	18293.25
	836.52	796.51
	418.015	405.3
	275.78	163.72
	358.95	449.19
	403.155	802.61
	873.45	1710.45

196.575	277.57
382.1	353.62
1679.41	995.98
574.76	378.31
152.36	303.2
76.335	141.24
100.365	131.22
330.895	265.08
1018.835	513.35
31.68	57.17
77.195	116.97
57.325	84.66
28.93	44.1
52.705	54.6
85.4	79.28
6.77	14.29
11.71	21.31
15.76	21.17
12.665	23.38
12.73	15.5
9.395	9.48
4952.64	3346.92
389.61	527.37
11.505	16.7
0.665	0.96
0.6	0.78
1.65	1.28
16.525	15.54
49044.66	38948.62
14419.82	21547.43
444.895	595.73
8.57	11.15
2.955	4.89
5.89	4.88
149.575	152.73
86367.94	72163.92
109729.63	141020.69
11736.205	20165.96
97.8	142.82
10.975	17.38
23.54	29.84
627.565	689.85
11580.895	17987.6
139607.855	243879.51
56570.915	117977.13
932.955	1597.28

	176.825	269.08
	49.26	76.15
	265.195	587.03
	988.45	2065.48
	17734.765	41524.06
	81003.165	189642.87
	3715.77	6049.8
	2307.2	3518.82
	774.605	1143.75
	215.33	409.55
	451.44	408.72
	654.59	2882.81
	2764.155	13306.04
	609.435	1279.36
	1471.215	2302.61
	4094.675	6810.75
	1461.81	2464.39
	120.97	104.88
	154.835	310.64
	326.55	751.7
	112.015	255.65
	220.34	388.81
	834.71	1401.63
	1537.525	2592.83
	13.61	20.84
	60.42	124.96
	149.745	308.14
	59.805	88.65
	47.165	75.28
	119.04	241.99
	139.825	323.43
	2.525	3.75
	7.895	23.02
	24.685	64.72
	11.745	25.93
	11.655	9.15
	19.68	22.13
	12.965	22.37
	16.775	27.64
	7.055	14.81
	31.4	63.86
NA	NA	
	78.18	204.94
	410.495	1079.89
	243.96	606.7
	37.84	87.49

	161.835	155.92
	5.355	18.07
	116.85	329.7
	54.655	112.74
	87.245	160.98
	36.3	95.97
	146.925	288.67
	201.49	295.3
	208.625	302.49
	219.94	325.82
	57.85	83.33
	42.94	86.42
	3.83	4.84
	1.215	NA
NA	NA	
NA	NA	
	1.405	2.42
	322.255	620.71
	370.14	770.59
	48.095	102.64
	1.495	7.94
	3.505	7.93
NA	NA	
	3.3	7.98
	931.695	1910.9
	3939.18	9088.62
	1523.395	3057.89
	21.56	44.75
	11.72	19.38
	2.205	NA
	8.07	13.78
	884.16	2520.31
	11732.175	32152.69
	10551.605	25395.46
	270.995	591.62
	122.98	223.34
	37.825	60.28
	8.22	36.15
	618.305	1542.92
	9422.51	27053.85
	23037.145	74542.98
	1482.17	3316.3
	2191.455	4078.44
	1035.22	1962.62
	79.38	184.48
	120.55	182.26

	173.56	678.75
	619.025	2440.57
	942.855	2076.74
	6011.37	11291.4
	8703.81	16894.18
	2670.265	4786.51
	29.22	55.21
	43.925	116.64
	114.525	348.86
	167.595	308.91
	1101.065	1833.56
	4701.66	8745.95
	7149.465	13661.94
	4.915	11.26
	20.675	45.8
	36.185	98.74
	31.84	54.04
	65.225	141.53
	151.01	410.16
	168.215	355.71
NA	NA	
NA		3.95
	3.95	10.9
	4.275	9.05
	9.54	12.72
	25.775	36.21
	13.455	17.3
	5.86	7.215
	65.11	75.96
	16.47	10.39
	3.115	3.17
	10.255	5.755
	46.325	39.215
	63.155	83.48
	1.77	1.565
	1.145	2.8
	5.605	7.81
	13.375	14.38
	81.565	145.045
NA		2.855
	14.7	16.88
	361.09	608.385
	493.295	880.47
	10.85	24.82
	3.45	4.14
	1.71	0.91

	69.8	90.615
	299.15	409.37
	63.285	54.71
	65.55	72.265
	121.24	129.11
	46.285	58.205
	67.59	59.2
	38.655	30.93
	90.77	95.575
	10.715	10.965
	25.71	32.425
	28.11	19.25
	94.365	98.05
	2.095	1.625
	4.64	4.58
	14.48	9.92
	69.685	59.795
	6.665	9.635
	1.62	7.32
	2.27	2.755
NA		1.45
	3.07	1.63
	56.505	59.535
	447.63	363.585
	98.005	111.345
NA	NA	
	0.55 NA	
	1.485	2.805
	2.085	4.46
	10000	10000
	314.33	398.18
	1354.555	2025.375
	412.405	608.42
	1.235	0.5
NA		0.25
NA		0.94
	3.435	7.24
	791.51	1168.62
	11592.435	18170.5
	6021.325	9637.705
	24.245	33.01
	0.715	1.725
	0.865	1.26
	4.935	4.805
	1090.84	1438.735
	18107.69	29828.855

	27397.96	46308.26
	518.79	671.95
	259.975	366.99
	32.365	35.095
	101.455	81.935
	286.41	384.085
	410.98	622.71
	1116.63	1483.51
	1611.405	1522.78
	5847.225	6241.37
	2961.225	2874.975
	83.175	73.135
	412.16	485.84
	536.67	602.835
	204.655	280.46
	203.74	206.38
	341.46	249.275
	761.22	503.095
	633.39	406.71
	10.08	6.12
	46.145	58.245
	209.44	242.475
	355.875	401.065
	71.16	76.635
	20.58	22.105
	15.365	27.405
	16.03	16.44
	20.285	16.08
	19.675	23.84
	16.015	20.245
	33.3	13.99
	52.01	37.575
	22.36	7.71
	2.92	3.61
	0.295	0.61
NA	NA	
NA		0.615
	1.615	2.13
	19.185	50.48
	61.435	146.275
	13.925	29.375
	27.59	29.785
NA	NA	
	17.625	74.635
	170.225	487.195
	31.835	93.815

	2.42	6.45
	0.56	1.485
	2	3.37
	26.68	188.235
	29.155	134.325
	13.84	45.3
	2.58	9
	2.175	11.105
	4.52	5.72
	14.365	29.03
	2.285	12.84
	4.91	20.955
	10.335	26.73
	6.67	17.105
	17.335	33.4
NA		0.225
	0.945	2.86
NA		0.42
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	54.05	127.23
	17.185	29.515
NA		0.305
NA	NA	
NA	NA	
NA	NA	
NA		0.455
	33000	33000
	345.07	921.12
	381.305	1167.535
	4.32	27.205
	0.285	0.615
NA	NA	
NA	NA	
	11.035	15.32
	321.49	1370.565
	2618.595	10003.94
	258.805	922.985
	7.545	22.005
	6.135	12.47
	0.09	0.63
	0.775	5.175
	439.755	1490.9

	6875.685		24423.07
	1673.87		6821.165
	42.925		140.93
	93.155		190.6
	5.255		16.62
	1.37		13.405
	9.97		29.42
	81.625		357.255
	127.175		484.315
	95.35		340.475
	372.73		879.805
	175.12		464.55
	78.375		225.91
	2.235		6.255
	16.035		71.56
	37.48		139.405
	38.275		96.605
	300.245		937.99
	1113.885		3709.035
	838.825		2398.635
	0.515		4.77
	8.745		43
	18.89		59.24
	3.445		19.46
	19.805		74.78
	33.87		148.235
	19.245		112.395
NA		NA	
NA		NA	
	0.215		0.735
NA		NA	
NA			0.515
	0.11		0.425
	0.255		1.35
	0.28		3.555
	6.6		117.635
	0.08		0.245
	31.56		1115.22
	1258		37146.72
	4.95		19.245
	3.23		8.5
	1.87		28.69
	0.22		3.605
	1.76		10.475
	0.08		1.265
	0.01		0.16

2.77	24.33
7.8	467.205
2.44	202.91
0.14	1.805
1.27	141.29
50.25	5059.845
251.76	24300.06
5.98	173.645
0.02	0.31
0.06	4.29
0.18	33.065
0.07	5.985

BV2_vehicle_2	BV2_vehicle_3
34250	34250
5000	5000
5000	5000
NA	NA
1000	1000
12.61	13.74
43.92	49.44
8.56	8.515
1651.92	2421.745
2301.59	2724.85
7.65	10.89
30.13	35.21
5.08	13.02
4.08	3.185
26.51	32.765
9.85	9.345
146.9	167.52
380.2	473.375
30.83	38.01
186.63	209.18
1683.39	2017.585
2238.4	2970.645
4055.16	4810.265
4010.45	4915
3.83	4.105
31.24	31.39
24.21	27.365
108.05	112.95
89.28	97.735
36.35	31.25
55.87	92.785
49.69	51.865
13.1	7.1
6.01	11.68
9.68	12.53
78.815	97.2
177.675	201.92
406.725	581.56
NA	NA
5.13	5.29
1676.96	2509.98
2211.77	3083.2
6.465	7.53
NA	NA
317.725	375.92

	133.675	149.86
	91.47	120.96
	14.935	9.9
	3.7	1.93
	8.11	5.59
	3.4	3.67
	27.825	38.78
NA	NA	
	36.53	31.54
	372.155	504.69
	3.05	3.01
	2210.55	3237.29
	14.11	6.81
NA	NA	
	221.87	303.87
	695.185	907.63
	188.805	249.45
NA	NA	
	40.21	44.42
	34.55	35.76
	26.59	28.16
	20.205	40.45
	0.605	NA
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	424.945	639.39
	0.81	NA
	277.415	397.69
	39.65	54.76
	71.455	101.59
	27.965	33.48
	26.865	29.55
	3.115	2.95
	2.315	3.97
NA	NA	
	5.66	4.73
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	0.365	NA

NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	5.895 NA	
NA	NA	
NA	NA	
NA	NA	
	12.395	11.15
NA	NA	
NA	NA	
NA	NA	
	0.48 NA	
NA	NA	
	6.255	9.91
	0.47 NA	
NA	NA	
NA	NA	
NA	NA	
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NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	0.73 NA	
NA	NA	
NA	NA	
NA	NA	
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NA	NA	
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NA	NA	
NA	NA	
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NA	NA	
NA	NA	
NA	NA	

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NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	35.8	33.57
	14.11	15.835
	10.38	20.6
	58.95	59.525
	5.65	7.79
	13.27	9.2
	12.18	10.39
	26.72	24.845
	21.77	20.65
	47.98	51.01
	63.34	88.05
	96.61	89.975
	14.15	12.805
	4000	4000
NA	NA	
	5.97	5.725
	2.04	2.085
	11.81	13.07
	2.35	3.745
	9.7	11.75
	4.48	6.66
	932.11	1474.105
	9.05	11.485
	14.81	25.845
	2.97	3.555
	8.94	15.225
	14.21	23.65
	223.9	355.245
	40.45	73.08
	952	1440.82
	1157.05	1677.505
	30.53	33.995
	4.56	3.68
	8.95	13.285
	2.52	2.94
	4.4	6.6

	5.16	6.75
	14.01	22.095
	18.9	31.355
	2.64	3.36
	0.28	0.36
	0.09	0.1
	41.43	52.66
	9.11	10.36
	0.24	0.3
	9.4	13.01
	41.88	54.48
	0.34	0.25
	0.36	0.87
	4.11	6.47
	0.92	1.08
	0.89	0.91
	0.74	1.35
	0.33	0.25
	25.65	20.3
	6.24	4.83
NA	NA	
	264.58	144.48
	100.23	73.69
NA	NA	
	246.95	243.71
	872.08	782.65
	23.16	14.06
	23.63	29.66
	535.75	478.82
	19.48	17.98
	7.45	11.35
	77.11	97.96
	7.77	14.81
	0.56	NA
	0.955	1.795
NA	NA	
	1.8	5.3
	6.97	3.765
NA	NA	
	22.05	26.26
	77.885	88.135
NA	NA	
NA		0.385
NA	NA	
	0.395	NA
	1.385	1.63

	0.765	NA
NA		NA
NA		NA
	13.145	14.145
NA		NA
	2.235	2.59
NA		NA
NA		NA
	29.44	35.66
	8.01	12.85
NA		NA
NA		NA
NA		0.445
NA		NA
NA		NA
NA		NA
NA		NA
	2089.37	3387.36
	655.16	911.43
	25.19	33.84
	9.09	12.18
	1.83	2.4
	2.55	3.49
	132.71	182.38
	8707.27	12041.65
	11021.29	14766.08
	750.24	874.04
	17.58	19.3
	6.07	4.78
	22.64	26.1
	1473.71	1943.69
	4663.16	6713.76
	38573.61	52868.85
	7842.07	10736.62
	168.4	203.32
	31.47	29.99
	54.75	72.9
	1004.48	1213.37
	5221.16	7130.21
	15223.29	18969.9
	729.31	833.51
	420.18	432.62
	158.22	173.72
	380.58	495.71
	630.99	891.88
	1344.38	2026.11

270.34	308.95
374.38	420.88
1116.99	1167.38
351.84	406.5
233.94	358.45
105.83	134.54
120.96	133.18
279.65	299.69
525.82	610.03
52.12	62.1
108.2	137.95
88.41	92.84
38.28	38.76
61.82	57.92
78.53	90.13
11.29	13.62
18.34	22.2
22.38	18.95
26.84	24.27
20.53	15.49
8.45	10.04
2879.42	4107.16
468.67	602.24
15.82	18.44
0.98	1.05
0.46	0.97
0.69	0.95
15.6	16.73
31152.98	46826.43
18972.01	26038.79
549.69	680.54
11.33	13.02
5.15	7.04
4.32	5.53
120.5	164.94
63020.04	80418.71
123646.44	153012.46
17331.89	21993.72
136.24	157.04
16.61	17.73
28.81	33.9
576.5	746.01
15510.24	19457.3
212703.16	276549.06
104040.68	134890.3
1560.75	1825.88

	276.36	268.63
	77.39	76.94
	461.84	562.21
	1579.79	2293.35
	32251.65	48591.62
	164475.38	224551.61
	5754.8	6856.23
	3646.33	3739.68
	1199.94	1216.82
	379.95	378.52
	390.3	514.67
	2064.63	4453.59
	10655.37	20602.14
	1131.51	1449.22
	2312.47	2493.93
	7000.99	7818.1
	2462.75	2440.76
	86.42	109.37
	224.98	337.93
	562.83	854.73
	203.86	263.22
	375.23	405.78
	1407.43	1538.43
	2720.61	3019.83
	17.25	24.44
	82.23	136.53
	217.44	315.95
	70.54	105.2
	68.4	83.76
	230.05	253.11
	299.64	339.92
	2.69	3.35
	14.67	21.23
	46.86	69.8
	18.58	27.4
	9.17	10.54
	21.01	24.19
	20.64	25.76
	27.25	28.82
	11.46	20.7
	50.65	73.65
NA	NA	
	203.95	244.97
	983.87	1076.92
	592.16	698.63
	75.04	69.29

	167.8	157.41
	11.17	14.56
	269.41	316.27
	112.51	102.9
	116.21	158.85
	85.33	80.98
	248.02	328.99
	292.99	307.36
	292.56	267.67
	372.78	365.51
	67.84	91.51
	99.68	106.84
	5.55	4.66
NA	NA	
NA	NA	
NA	NA	
	3.35	NA
	565.06	716.11
	835.91	875.19
	99.96	113.49
	4.71	3.74
	13.38	5.57
NA	NA	
	7.16	3.55
	1591.52	1992.78
	7481.25	10164.35
	2825.37	3443.5
	44.11	44.05
	34.75	26.11
	4.76	NA
	17.28	20.78
	2295.54	2577.79
	29589.27	34199.58
	22803.08	28806.45
	543.48	630.26
	234.43	284.72
	68.52	78.25
	31.57	32.34
	1238.72	1512.27
	21981.89	26718.19
	66882.28	83643.02
	3127.41	3732.32
	3861.15	3984.14
	1892.53	2159.47
	150.13	166.86
	171.52	198.15

	532.24	610.32
	2193.77	2657.07
	1982.41	2018.76
	10334.09	10819.97
	16641.94	17381.56
	4547.97	4824.95
	45.33	67.22
	96.41	158.81
	295.92	440.36
	337.51	399.6
	2034.12	2244.07
	8662.23	9847.36
	12600.16	14477.55
	6.24	12.74
	35.57	59.99
	87.27	120.05
	52	63.62
	154.81	157.31
	355.51	423
	370.42	433.61
NA	NA	
	4.6	3.05
	14.35	14.42
	7.72	6.8
	10.12	11.86
	31.71	38.5
	18.42	19.01
	8.705	4.91
	66.005	82.34
	10.33	15.79
	2.605	0.885
	8.45	6.7
	34.4	21.59
	74.415	89.29
	0.585	0.32
	0.795	2.845
	5.155	4.97
	14.62	12.33
	153.1	178.77
	3.26	0.995
	25.765	35.84
	579.145	637.39
	902.515	1040.85
	20.085	22.31
	4.285	4.565
	0.45	1.37

95.605	104.485
417.93	405.72
59.85	72.3
87.39	82.595
151.56	128.61
65.545	68.87
50.47	48.645
27.86	40.125
113.28	92.35
7.47	9.19
27.08	31.835
31.155	46.7
81.58	108.075
1.325	2.055
6.78	4.37
10.705	15.075
50.605	45.07
10.56	6.38
7.78	7.52
3.965	2.755
1.015	0.87
2.255	1.305
71.235	77.08
417.755	467.875
136.19	123.75
0.29	0.4
0.565	NA
3.235	0.94
6.115	4.34
10000	10000
545.525	614.47
2132.53	2552.815
551.985	676.785
1.53	1.915
0.745	0.41
1.085	2.24
4.9	4.495
1688.76	1724.315
19774.465	22824.485
8187.615	10354.915
43.15	38.645
1.315	1.535
2.1	1.77
4.425	6.67
1373.6	1538.68
26769.585	31636.53

	40315.21	50095.245
	634.03	693.65
	308.035	314.505
	36.07	35.94
	60.46	48.55
	275.27	334.96
	494.23	636.665
	1469.94	1814.085
	1533.635	1683.87
	6590.595	6749.475
	2871.725	2875.335
	85.125	93.58
	310.26	379.485
	422.755	449.385
	276.755	368.145
	171.47	215.005
	250.225	273.13
	526.29	620.635
	420.965	452.42
	6.82	7.2
	28.98	46.655
	184.43	240.745
	353.695	390.42
	51.8	50.34
	24.36	29.915
	21.635	13.415
	10.97	5.76
	14.25	14.995
	17.01	19.525
	9.165	7.03
	12.84	11.355
	35.77	37.225
	20.675	25.015
	1.925	2.26
	0.94	1.44
NA	NA	
	0.295	NA
	2.105	2.33
	80.19	62.435
	160.83	155.92
	34.095	31.51
	24.2	25.665
NA	NA	
	71.185	87.105
	567.58	592.225
	97.64	104.815

	7.45	9.9
	3.31	1.59
	2.29	3.185
	132.575	156.32
	146.705	155.55
	63.615	72.71
	6.525	6.475
	9.325	9.03
	8.25	13.275
	28.51	40.4
	11.105	15.58
	18.39	20.3
	38.21	30.18
	22.505	23.815
	34.215	30.445
NA	NA	
	4.785	2.61
	0.395	0.135
	0.115	NA
NA	NA	
NA	NA	
NA	NA	
	0.205	0.16
	122.815	129.02
	35.775	31.615
	0.11	NA
NA	NA	
NA	NA	
NA	NA	
	0.525	NA
	33000	33000
	1105.675	1201.77
	1088.115	1227.3
	24.37	26.87
	1.875	0.85
NA	NA	
NA	NA	
	12.17	11.545
	1643.865	1746.975
	10591.57	12108.23
	828.52	981.43
	16.67	17.755
	13.145	9.87
	0.305	0.55
	5.67	6.64
	1618.53	1846.36

	26475.505	30728.955
	7189.875	8436.105
	132.925	141.475
	209.025	234.75
	13.99	23.57
	13.365	12.86
	42.25	44.695
	403.645	434.535
	544.44	656.39
	367.67	435.59
	880.26	1112.075
	476.33	558.535
	224.64	248.155
	8.325	16.145
	84.06	92.325
	151.015	165.1
	134.585	143.285
	1182.065	1057.155
	3968.53	4099.575
	2324.075	2690.87
	1.995	1.685
	41.975	53.72
	84.07	90.5
	18.29	25.855
	86.3	80.615
	161.635	176.045
	105.53	120.595
NA	NA	
	0.22	NA
	1.81	1.32
	0.285	NA
	0.11	0.205
	0.685	1.03
	2.06	2.9
	3.26	4.435
	119.78	160.015
	0.21	0.32
	1147.56	1829.095
	40181.08	60075.505
	20.11	24.87
	7.38	8.795
	30.45	44.555
	3.29	4.815
	10.77	15.86
	1.36	1.71
	0.05	0.12

29.94	37.645
534.06	788.235
263.02	373.94
1.64	1.83
121.9	187.165
4934.12	7216.24
25498.91	36587.3
200.88	238.355
0.2	0.355
3.79	6.895
35.79	55.605
6.39	8.495

LipidName	standard_ion	Day3_D1_p2_1	Day3_D2_p2_1
C12SM	C12SM	25000	25000
C17Cer	C17Cer	5000	5000
C8GC(-H2O)	C8GC	1000	1000
Cer32:1	C17Cer	2.71	7.745
Cer32:1(-H2O)	C17Cer	44.43	33.63
Cer34:1	C17Cer	68.85	71.155
Cer34:1(-H2O)	C17Cer	262.02	231.505
Cer36:1	C17Cer	4.52	6.285
Cer36:1(-H2O)	C17Cer	61.125	45.255
Cer38:1	C17Cer	1.89	7.215
Cer38:1(-H2O)	C17Cer	22.04	17.66
Cer40:1	C17Cer	37.59	33.81
Cer40:1(-H2O)	C17Cer	266.52	203.75
Cer40:2	C17Cer	383.995	179.705
Cer40:2(-H2O)	C17Cer	213.135	201.775
Cer42:1	C17Cer	187.83	99.51
Cer42:1(-H2O)	C17Cer	575.345	444.495
Cer42:2(-H2O)	C17Cer	3212.63	2707.725
Cer44:1	C17Cer	NA	NA
CerP32:1	C17Cer	45.46	45.44
CerP34:1(-H2O)	C17Cer	14.62	7.38
CerP36:1(-H2O)	C17Cer	70.78	69.4
CerP38:1(-H2O)	C17Cer	5.8	7.54
CerP42:1(-H2O)	C17Cer	5.54	4.57
CL68:3_C16:0	CL56:0	203.77	188.15
CL68:3_C16:1	CL56:0	363.625	331.91
CL68:3_C18:1	CL56:0	1148.52	1104.98
CL68:3_C18:2	CL56:0	0.35	0.58
CL68:4_C16:0	CL56:0	39.895	33.82
CL68:4_C16:1	CL56:0	3192.89	3259.69
CL68:4_C18:1	CL56:0	3788.6	3880.12
CL68:4_C18:2	CL56:0	17.675	19.925
CL68:5_C16:0	CL56:0	1.065	1.2
CL68:5_C16:1	CL56:0	534.34	446.315
CL68:5_C18:1	CL56:0	381.935	328.27
CL68:5_C18:2	CL56:0	104.095	105.615
CL68:6_C16:1	CL56:0	49.505	41.42
CL68:6_C18:2	CL56:0	12.385	8.975
CL70:2_C16:0	CL56:0	801.865	692.87
CL70:2_C18:0	CL56:0	74.955	64.245
CL70:2_C18:1	CL56:0	1256.79	1208.22
CL70:2_C20:1	CL56:0	NA	NA
CL70:3_C16:0	CL56:0	100.81	86.625
CL70:3_C18:1	CL56:0	906.61	860.335
CL70:4_C16:0	CL56:0	21.675	20.585

CL70:4_C18:1	CL56:0	5057.34	4785.16
CL70:4_C18:2	CL56:0	29.7	30.145
CL70:5_C16:0	CL56:0	1.305	1.705
CL70:5_C16:1	CL56:0	239.72	215.58
CL70:5_C18:1	CL56:0	766.87	724.245
CL70:5_C18:2	CL56:0	144.92	142.64
CL70:6_C16:0	CL56:0	0.335	0.795
CL70:6_C16:1	CL56:0	55.05	55.66
CL70:6_C18:1	CL56:0	69.815	65.64
CL70:6_C18:2	CL56:0	33.11	25.71
CL70:7_C16:1	CL56:0	15.16	15.82
CL70:7_C18:2	CL56:0	1.435	1.24
CL72:10_C16:1	CL56:0	0.145	0.195
CL72:10_C20:4	CL56:0	2.86	1.415
CL72:11_C16:1	CL56:0	NA	NA
CL72:11_C18:2	CL56:0	NA	NA
CL72:11_C20:4	CL56:0	NA	NA
CL72:11_C22:6	CL56:0	NA	NA
CL72:4_C18:1	CL56:0	992.38	888.59
CL72:5_C18:0	CL56:0	0.305	0.21
CL72:5_C18:1	CL56:0	375.84	337.05
CL72:5_C18:2	CL56:0	37.065	33.665
CL72:6_C18:1	CL56:0	146.51	140.015
CL72:6_C18:2	CL56:0	18.235	10.525
CL72:7_C18:1	CL56:0	19.65	19.115
CL72:7_C18:2	CL56:0	2.44	1.84
CL72:8_C18:2	CL56:0	3.92	3.33
CL72:9_C16:0	CL56:0	NA	NA
CL72:9_C16:1	CL56:0	1.955	3.73
CL72:9_C18:2	CL56:0	NA	NA
CL72:9_C18:3	CL56:0	NA	NA
CL72:9_C20:4	CL56:0	0.46	0.185
CL74:10_C16:0	CL56:0	2.03	1.645
CL74:10_C16:1	CL56:0	0.705	0.355
CL74:10_C18:1	CL56:0	0.465	0.145
CL74:10_C18:2	CL56:0	NA	NA
CL74:10_C20:3	CL56:0	NA	NA
CL74:10_C20:4	CL56:0	NA	NA
CL74:10_C22:6	CL56:0	NA	NA
CL74:5_C18:1	CL56:0	29.435	30.74
CL74:5_C18:2	CL56:0	32.6	35.585
CL74:5_C20:1	CL56:0	NA	NA
CL74:6_C18:1	CL56:0	85.505	76.66
CL74:6_C18:2	CL56:0	119.55	103.275
CL74:6_C20:1	CL56:0	NA	NA
CL74:6_C20:2	CL56:0	NA	NA

CL74:7_C18:1	CL56:0		6.625	5.43
CL74:7_C18:2	CL56:0	NA	NA	
CL74:7_C20:1	CL56:0	NA	NA	
CL74:7_C20:2	CL56:0	NA	NA	
CL74:8_C18:2	CL56:0		0.6	NA
CL74:8_C20:2	CL56:0	NA	NA	
CL74:9_C18:1	CL56:0		2.435	2.135
CL74:9_C18:2	CL56:0	NA	NA	
CL74:9_C20:3	CL56:0	NA	NA	
CL74:9_C20:4	CL56:0	NA	NA	
CL76:10_C18:1	CL56:0		0.155	0.585
CL76:10_C18:2	CL56:0	NA	NA	
CL76:10_C20:3	CL56:0	NA	NA	
CL76:10_C20:4	CL56:0		0.76	1.49
CL76:10_C22:5	CL56:0	NA	NA	
CL76:10_C22:6	CL56:0	NA	NA	
CL76:11_C18:1	CL56:0		2.215	1.18
CL76:11_C18:2	CL56:0	NA	NA	
CL76:11_C22:5	CL56:0	NA	NA	
CL76:11_C22:6	CL56:0	NA	NA	
CL76:12_C18:2	CL56:0	NA	NA	
CL76:12_C22:6	CL56:0	NA	NA	
CL76:9_C18:0	CL56:0	NA	NA	
CL76:9_C18:1	CL56:0		1.415	0.59
CL76:9_C18:2	CL56:0	NA	NA	
CL76:9_C20:1	CL56:0	NA	NA	
CL76:9_C20:4	CL56:0	NA	NA	
CL76:9_C22:6	CL56:0	NA	NA	
CL78:12_C18:1	CL56:0		13.39	10.395
CL78:12_C18:2	CL56:0	NA	NA	
CL78:12_C20:2	CL56:0	NA	NA	
CL78:12_C20:3	CL56:0	NA	NA	
CL78:12_C22:6	CL56:0	NA	NA	
CL78:13_C18:2	CL56:0	NA	NA	
CL78:13_C20:3	CL56:0	NA	NA	
CL78:13_C22:6	CL56:0	NA	NA	
CL78:14_C18:2	CL56:0	NA	NA	
CL78:14_C20:4	CL56:0	NA	NA	
CL78:14_C22:6	CL56:0	NA	NA	
CL78:15_C18:2	CL56:0	NA	NA	
CL78:15_C18:3	CL56:0	NA	NA	
CL78:15_C20:4	CL56:0	NA	NA	
CL78:15_C22:6	CL56:0	NA	NA	
CL80:14_C18:2	CL56:0		6.385	1.495
CL80:14_C22:6	CL56:0	NA	NA	
DHCer28:1(-H2O)	C17Cer		11.325	11.435

DHCer34:0(-H2O)	C17Cer	19.245	17.52
DHCer36:0	C17Cer	6.52	5.925
DHCer36:0(-H2O)	C17Cer	11.6	12.65
DHCer38:1(-H2O)	C17Cer	2.77	4.49
DHCer40:0(-H2O)	C17Cer	56	38.685
DHCer40:1(-H2O)	C17Cer	21.585	21.505
DHCer42:0(-H2O)	C17Cer	60.51	55.675
DHCer42:1(-H2O)	C17Cer	396.54	325.925
DHCer44:1(-H2O)	C17Cer	10.185	7.735
DLPC	DLPC	4000	4000
GlcCer28:1	C8GC	718.805	524.525
GlcCer28:1(-H2O)	C8GC	7.58	5.085
GlcCer28:2(-H2O)	C8GC	1.395	1.49
GlcCer30:1(-H2O)	C8GC	10.36	7.72
GlcCer30:2(-H2O)	C8GC	1.645	1.79
GlcCer32:1(-H2O)	C8GC	15.77	10.915
GlcCer32:2(-H2O)	C8GC	4.025	3.865
GlcCer34:1(-H2O)	C8GC	120.79	79.1
GlcCer34:2(-H2O)	C8GC	1.415	1.665
GlcCer36:1(-H2O)	C8GC	34.13	22.915
GlcCer36:2(-H2O)	C8GC	1.89	2.17
GlcCer38:1(-H2O)	C8GC	16.325	10.235
GlcCer38:2(-H2O)	C8GC	12.48	6.04
GlcCer40:1(-H2O)	C8GC	149.975	120.43
GlcCer40:2(-H2O)	C8GC	104.05	73.9
GlcCer42:1(-H2O)	C8GC	229.805	210.785
GlcCer42:2(-H2O)	C8GC	1250.68	880.4
GlcCer44:2(-H2O)	C8GC	17.905	7.875
GlcDHCer28:0(-H2O)	C8GC	3.02	1.935
GlcDHCer36:0(-H2O)	C8GC	0.94	1.58
GlcDHCer38:0(-H2O)	C8GC	0.51	0.475
GlcDHCer40:0(-H2O)	C8GC	2.375	3.28
GlcDHCer40:1(-H2O)	C8GC	2.165	3.03
GlcDHCer42:0(-H2O)	C8GC	4.13	3.08
GlcDHCer42:1(-H2O)	C8GC	12.57	11.81
LysoPC14:0	DLPC	8.36	8.365
LysoPC14:1	DLPC	0.375	0.635
LysoPC14:2	DLPC	0.195	0.235
LysoPC16:0	DLPC	79.42	98.205
LysoPC16:1	DLPC	28.615	31.595
LysoPC16:2	DLPC	0.4	0.6
LysoPC18:0	DLPC	9.24	11.025
LysoPC18:1	DLPC	132.635	151.99
LysoPC18:2	DLPC	0.97	1.33
LysoPC20:0	DLPC	1.06	1.255
LysoPC20:1	DLPC	7.49	8.02

LysoPC20:2	DLPC		1.82	1.65
LysoPC22:0	DLPC		0.395	0.36
LysoPC22:1	DLPC		0.58	0.575
LysoPC22:2	DLPC		0.46	0.415
LysoPE14:0	PE31:1		6.795	4.735
LysoPE14:1	PE31:1		3.255	3.355
LysoPE14:2	PE31:1	NA	NA	
LysoPE16:0	PE31:1		98.345	73.635
LysoPE16:1	PE31:1		100.285	64.995
LysoPE16:2	PE31:1	NA		0.945
LysoPE18:0	PE31:1		104.58	81.2
LysoPE18:1	PE31:1		548.46	371.585
LysoPE18:2	PE31:1		14.41	6.85
LysoPE20:0	PE31:1	NA	NA	
LysoPE20:1	PE31:1		29.795	15.515
LysoPE20:2	PE31:1		3.8	NA
LysoPE22:0	PE31:1		3.58	NA
LysoPE22:1	PE31:1	NA	NA	
LysoPE22:2	PE31:1	NA	NA	
LysoPI14:0	PI31:1	NA	NA	
LysoPI14:1	PI31:1		0.17	0.325
LysoPI14:2	PI31:1	NA	NA	
LysoPI16:0	PI31:1		0.77	0.325
LysoPI16:1	PI31:1		1.38	0.685
LysoPI16:2	PI31:1	NA	NA	
LysoPI18:0	PI31:1		63.58	45.48
LysoPI18:1	PI31:1		37.985	22.475
LysoPI18:2	PI31:1		0.655	NA
LysoPI20:0	PI31:1		0.43	NA
LysoPI20:1	PI31:1		2.14	0.8
LysoPI20:2	PI31:1		11.625	3.465
LysoPI22:0	PI31:1		1.715	0.145
LysoPI22:1	PI31:1		1.12	0.76
LysoPI22:2	PI31:1		3.32	0.545
LysoPS14:0	PS31:1	NA	NA	
LysoPS14:1	PS31:1		0.51	1.38
LysoPS14:2	PS31:1	NA	NA	
LysoPS16:0	PS31:1		0.365	0.42
LysoPS16:1	PS31:1	NA		0.425
LysoPS16:2	PS31:1	NA	NA	
LysoPS18:0	PS31:1		2.49	6.945
LysoPS18:1	PS31:1		6.68	7.24
LysoPS18:2	PS31:1	NA	NA	
LysoPS20:0	PS31:1	NA		0.1
LysoPS20:1	PS31:1		0.2	1.085
LysoPS20:2	PS31:1	NA	NA	

LysoPS22:0	PS31:1	NA	NA
LysoPS22:1	PS31:1	0.34	0.525
LysoPS22:2	PS31:1	NA	NA
PC(O-)30:0	DLPC	16073.625	14343.635
PC(O-)30:1	DLPC	2652.95	2795.37
PC(O-)30:2	DLPC	62.615	61.845
PC(O-)30:3	DLPC	4.875	4.83
PC(O-)30:4	DLPC	0.82	0.805
PC(O-)30:5	DLPC	8.335	7.51
PC(O-)30:6	DLPC	354.525	323.455
PC(O-)32:0	DLPC	58347.085	61977.13
PC(O-)32:1	DLPC	53822.305	48544.39
PC(O-)32:2	DLPC	4107.42	3987.575
PC(O-)32:3	DLPC	49.13	45.385
PC(O-)32:4	DLPC	6.845	6.95
PC(O-)32:5	DLPC	54.04	52.6
PC(O-)32:6	DLPC	3334.105	3115.195
PC(O-)34:0	DLPC	23861.89	21427.19
PC(O-)34:1	DLPC	187716.9	159440.32
PC(O-)34:2	DLPC	35644.73	33150.38
PC(O-)34:3	DLPC	2361.14	2315.82
PC(O-)34:4	DLPC	43.34	39.125
PC(O-)34:5	DLPC	106.375	110.58
PC(O-)36:0	DLPC	1661.555	1683.035
PC(O-)36:1	DLPC	17887.33	16452.355
PC(O-)36:2	DLPC	43831.25	41060.91
PC(O-)36:3	DLPC	8902.865	8218.08
PC(O-)36:4	DLPC	1405.58	1334.885
PC(O-)36:5	DLPC	696.665	611.155
PC(O-)36:6	DLPC	669.685	690.625
PC(O-)38:1	DLPC	1168.25	1100.365
PC(O-)38:2	DLPC	3888.87	3760.16
PC(O-)38:3	DLPC	1168.175	1043.875
PC(O-)38:4	DLPC	694.52	654.36
PC(O-)38:5	DLPC	2370.535	2018.435
PC(O-)38:6	DLPC	1696.5	1635.725
PC(O-)40:2	DLPC	250.735	255.185
PC(O-)40:3	DLPC	254.58	227.635
PC(O-)40:4	DLPC	75.24	69.05
PC(O-)40:5	DLPC	209.74	192.395
PC(O-)40:6	DLPC	737.09	621.55
PC(O-)42:1	DLPC	15.115	13.535
PC(O-)42:2	DLPC	26.41	23.915
PC(O-)42:3	DLPC	23.32	23.895
PC(O-)42:4	DLPC	14.89	13.68
PC(O-)42:5	DLPC	14.385	14.78

PC(O-)42:6	DLPC	25.86	26.275
PC(O-)44:1	DLPC	3.255	3.02
PC(O-)44:2	DLPC	4.7	4.78
PC(O-)44:3	DLPC	5.265	5.685
PC(O-)44:4	DLPC	3.2	3.415
PC(O-)44:5	DLPC	3.6	4.68
PC(O-)44:6	DLPC	4.825	4.8
PC28:0	DLPC	4327.465	4166.59
PC28:1	DLPC	277.405	302.765
PC28:2	DLPC	7.05	6.695
PC28:3	DLPC	0.195	0.34
PC28:4	DLPC	0.085	0.085
PC28:5	DLPC	0.44	0.385
PC28:6	DLPC	21.495	18.47
PC30:0	DLPC	60812.1	63267.755
PC30:1	DLPC	14750.905	14663.12
PC30:2	DLPC	161.32	154.205
PC30:3	DLPC	4.755	4.075
PC30:4	DLPC	1.035	0.765
PC30:5	DLPC	7.98	7.395
PC30:6	DLPC	730.035	650.625
PC32:0	DLPC	71648.97	71449.865
PC32:1	DLPC	192239.865	199680.255
PC32:2	DLPC	14936.87	14709.805
PC32:3	DLPC	94.41	87.02
PC32:4	DLPC	4.545	4.475
PC32:5	DLPC	39.7	40.075
PC32:6	DLPC	2932.685	2753.155
PC34:0	DLPC	26583.345	26211.265
PC34:1	DLPC	411628.89	405072.245
PC34:2	DLPC	158526.995	148043.22
PC34:3	DLPC	2773.26	2592.205
PC34:4	DLPC	97.71	89.57
PC34:5	DLPC	83.545	74.99
PC34:6	DLPC	1044.025	1009.995
PC36:0	DLPC	1863.095	1788.835
PC36:1	DLPC	44731.255	44302.005
PC36:2	DLPC	330995.72	316539.43
PC36:3	DLPC	13944.4	13427.34
PC36:4	DLPC	1347.39	1256.375
PC36:5	DLPC	567.885	542.745
PC36:6	DLPC	226.15	200.445
PC38:0	DLPC	797.215	778.81
PC38:1	DLPC	2196.64	2566.505
PC38:2	DLPC	20902.16	22754.03
PC38:3	DLPC	3096.265	3209.93

PC38:4	DLPC		651.325	629.535
PC38:5	DLPC		1478.36	1164.655
PC38:6	DLPC		1067.88	970.245
PC40:0	DLPC		34.755	35.035
PC40:1	DLPC		100.38	101.99
PC40:2	DLPC		484.285	491.64
PC40:3	DLPC		363.69	385.76
PC40:4	DLPC		70.875	63.485
PC40:5	DLPC		187.19	179.13
PC40:6	DLPC		520.66	499.78
PC42:0	DLPC		4.09	5.07
PC42:1	DLPC		23.13	26.525
PC42:2	DLPC		93.3	88.32
PC42:3	DLPC		77.48	70.61
PC42:4	DLPC		9.695	9.965
PC42:5	DLPC		13.335	11.865
PC42:6	DLPC		34.275	30.38
PC44:0	DLPC		0.79	0.96
PC44:1	DLPC		3.585	4
PC44:2	DLPC		12.765	13.31
PC44:3	DLPC		17.59	16.195
PC44:4	DLPC		2.525	2.615
PC44:5	DLPC		2.26	2.47
PC44:6	DLPC		4.135	3.375
PE(O-)30:0	PE31:1		29.08	24.955
PE(O-)30:1	PE31:1		5.595	6.6
PE(O-)32:0	PE31:1		815.835	746.61
PE(O-)32:2	PE31:1		32.41	33.54
PE(O-)32:5	PE31:1	NA	NA	
PE(O-)34:0	PE31:1		382.43	466.05
PE(O-)34:1	PE31:1		2031.605	2376.5
PE(O-)34:2	PE31:1		560.375	639.265
PE(O-)34:3	PE31:1		57.255	74.28
PE(O-)34:4	PE31:1		189.04	233.88
PE(O-)34:5	PE31:1		9.535	26
PE(O-)36:3	PE31:1		280.04	349.795
PE(O-)36:4	PE31:1		140.56	144.38
PE(O-)36:5	PE31:1		171.04	194.19
PE(O-)36:6	PE31:1		127.06	152.78
PE(O-)38:4	PE31:1		229.3	275.04
PE(O-)38:5	PE31:1		316.41	422.165
PE(O-)38:6	PE31:1		292.64	433.205
PE(O-)40:6	PE31:1		160.915	203.055
PE28:0	PE31:1		17.015	17.62
PE28:1	PE31:1		10.355	5.45
PE28:2	PE31:1	NA	NA	

PE28:3	PE31:1	NA	NA
PE28:4	PE31:1	NA	NA
PE28:5	PE31:1	NA	NA
PE28:6	PE31:1	NA	NA
PE30:0	PE31:1	651.56	657.725
PE30:1	PE31:1	409.945	342.125
PE30:2	PE31:1	1.985	4.645
PE30:3	PE31:1	NA	NA
PE30:4	PE31:1	NA	NA
PE30:5	PE31:1	NA	NA
PE30:6	PE31:1	NA	NA
PE32:0	PE31:1	2219.835	2453.385
PE32:1	PE31:1	17199.57	17434.7
PE32:2	PE31:1	2921.655	2691.62
PE32:3	PE31:1	23.125	19.91
PE32:4	PE31:1	10.795	9.37
PE32:5	PE31:1	NA	NA
PE32:6	PE31:1	17.285	17.57
PE34:0	PE31:1	3914.5	5260.315
PE34:1	PE31:1	66557.045	74735.865
PE34:2	PE31:1	56024.12	55048.99
PE34:3	PE31:1	835.945	942.305
PE34:4	PE31:1	292.405	445.49
PE34:5	PE31:1	75.135	67.3
PE34:6	PE31:1	22.62	26.18
PE36:0	PE31:1	2520.835	2949.685
PE36:1	PE31:1	43511.5	54691.33
PE36:2	PE31:1	146552.465	160518.175
PE36:3	PE31:1	6394.78	6830.71
PE36:4	PE31:1	2535.635	2896.305
PE36:5	PE31:1	1421.525	1941.475
PE36:6	PE31:1	127.69	152.735
PE38:0	PE31:1	125.3	159.855
PE38:1	PE31:1	983.345	1304.715
PE38:2	PE31:1	6995.87	8389.76
PE38:3	PE31:1	2197.015	2790.13
PE38:4	PE31:1	5984.24	7390.215
PE38:5	PE31:1	8278.375	11272.125
PE38:6	PE31:1	2591.515	2743.785
PE40:0	PE31:1	30.54	35.26
PE40:1	PE31:1	169.645	204.44
PE40:2	PE31:1	996.825	1256.985
PE40:3	PE31:1	403.35	433.82
PE40:4	PE31:1	395	381.935
PE40:5	PE31:1	1615.28	1894.115
PE40:6	PE31:1	4310.73	5052.88

PE42:0	PE31:1	NA		7.475
PE42:1	PE31:1		53.075	61.465
PE42:2	PE31:1		180.75	264.9
PE42:3	PE31:1		100.485	142.24
PE42:4	PE31:1		36	38.085
PE42:5	PE31:1		114.605	133.575
PE42:6	PE31:1		103.945	121.225
PE44:0	PE31:1	NA	NA	
PE44:1	PE31:1	NA		0.845
PE44:2	PE31:1		14.255	13.745
PE44:3	PE31:1		10.42	16.715
PE44:4	PE31:1		13.41	7.965
PE44:5	PE31:1		68.7	38.03
PE44:6	PE31:1		26.645	33.6
PI(O-)30:0	PI31:1		26.505	14.84
PI(O-)30:1	PI31:1		523.93	705.755
PI(O-)30:2	PI31:1		104.795	92.405
PI(O-)30:3	PI31:1		9.4	3.115
PI(O-)30:5	PI31:1		18.855	4.62
PI(O-)30:6	PI31:1		65.39	20.855
PI(O-)32:0	PI31:1		391.105	434.72
PI(O-)32:2	PI31:1		310.715	375.165
PI(O-)32:3	PI31:1		5.905	7.655
PI(O-)32:4	PI31:1		4.595	1.755
PI(O-)32:5	PI31:1		3.585	1.875
PI(O-)32:6	PI31:1		10.76	1.96
PI(O-)34:2	PI31:1		96.315	96.865
PI(O-)34:5	PI31:1		0.96	0.795
PI(O-)34:6	PI31:1		4.395	7.34
PI(O-)36:0	PI31:1		295.69	208.59
PI(O-)36:1	PI31:1		1055.48	881.665
PI(O-)36:2	PI31:1		747.89	715.16
PI(O-)36:3	PI31:1		31.07	33.82
PI(O-)36:4	PI31:1		1.225	1.25
PI(O-)36:5	PI31:1		2.115	0.445
PI(O-)38:1	PI31:1		416.405	377.385
PI(O-)38:2	PI31:1		1986.155	1921.58
PI(O-)38:3	PI31:1		562.07	497.815
PI(O-)38:4	PI31:1		49.425	49.65
PI(O-)38:5	PI31:1		33.28	30.315
PI(O-)40:2	PI31:1		588.83	601.875
PI(O-)40:3	PI31:1		627.31	538.99
PI(O-)40:4	PI31:1		93.56	65.875
PI(O-)40:5	PI31:1		17.715	16.635
PI(O-)42:1	PI31:1		45.055	21.31
PI(O-)42:2	PI31:1		232.94	158.9

PI(O-)42:3	PI31:1		282.975	241.5
PI(O-)42:6	PI31:1		148.64	30.58
PI(O-)44:1	PI31:1		6.44	2.425
PI(O-)44:4	PI31:1		42.42	30.06
PI28:0	PI31:1		15.475	6.895
PI28:1	PI31:1		228.05	255.805
PI28:2	PI31:1		54.305	55.715
PI28:3	PI31:1		18.345	14.365
PI28:4	PI31:1		10.48	3.49
PI28:5	PI31:1		7.845	1.455
PI28:6	PI31:1		27.795	6.14
PI30:0	PI31:1		48.245	26.98
PI30:1	PI31:1		247.49	287.69
PI30:2	PI31:1		109.16	109.295
PI30:3	PI31:1		2.995	5.3
PI30:4	PI31:1		4.86	1.75
PI30:5	PI31:1		10.51	5.5
PI30:6	PI31:1		6.89	2.3
PI31:1	PI31:1		10000	10000
PI32:0	PI31:1		150.56	170.73
PI32:1	PI31:1		1136.4	1137.48
PI32:2	PI31:1		335.885	340.125
PI32:3	PI31:1		2.095	2.205
PI32:4	PI31:1	NA		0.355
PI32:5	PI31:1		0.85	NA
PI32:6	PI31:1		2.64	1.555
PI34:0	PI31:1		1015.955	932.245
PI34:1	PI31:1		17530.935	16978.99
PI34:2	PI31:1		14495.97	12958.05
PI34:3	PI31:1		102.065	103.395
PI34:4	PI31:1		1.345	1.18
PI34:5	PI31:1	NA		NA
PI34:6	PI31:1		8.55	12.65
PI36:0	PI31:1		3300.785	3166.09
PI36:1	PI31:1		65649.075	64660.38
PI36:2	PI31:1		95798.39	89822.49
PI36:3	PI31:1		4195.355	3960.36
PI36:4	PI31:1		192.19	203.55
PI36:5	PI31:1		34.84	35.295
PI36:6	PI31:1		55	22.75
PI38:0	PI31:1		318.07	172.96
PI38:1	PI31:1		4339.64	3882.28
PI38:2	PI31:1		29892.19	29745.725
PI38:3	PI31:1		14336.59	14348.425
PI38:4	PI31:1		6783.28	6228.79
PI38:5	PI31:1		2172.005	2218.695

PI38:6	PI31:1	191.605	183.41
PI40:0	PI31:1	746.085	170.905
PI40:1	PI31:1	1154.62	555.615
PI40:2	PI31:1	2569.535	2509.885
PI40:3	PI31:1	1808.39	1861.945
PI40:4	PI31:1	730.735	675.355
PI40:5	PI31:1	790.445	848.7
PI40:6	PI31:1	638.195	606.46
PI42:0	PI31:1	82.675	19.75
PI42:1	PI31:1	246.62	87.08
PI42:2	PI31:1	413.71	233.005
PI42:3	PI31:1	357.56	208.455
PI42:4	PI31:1	43.735	18.505
PI42:5	PI31:1	10.22	6.555
PI42:6	PI31:1	14.03	2.12
PI44:0	PI31:1	31.315	3.605
PI44:1	PI31:1	39.9	23.53
PI44:2	PI31:1	34.155	25.14
PI44:3	PI31:1	55.26	29.685
PI44:4	PI31:1	30.725	14.23
PI44:5	PI31:1	12.555	7.41
PI44:6	PI31:1	2.635	1.78
PS(O-)30:0	PS31:1	13.715	11.175
PS(O-)30:1	PS31:1	0.85	1.02
PS(O-)30:2	PS31:1	NA	NA
PS(O-)30:6	PS31:1	NA	NA
PS(O-)32:0	PS31:1	1492.44	1432.83
PS(O-)32:2	PS31:1	5.37	3.835
PS(O-)34:0	PS31:1	290.27	320.94
PS(O-)34:1	PS31:1	1655.21	1548.7
PS(O-)34:2	PS31:1	148.01	126.445
PS(O-)34:3	PS31:1	17.82	11.155
PS(O-)34:5	PS31:1	NA	NA
PS(O-)36:0	PS31:1	288.875	316.615
PS(O-)36:1	PS31:1	2626.68	2436.385
PS(O-)36:2	PS31:1	739.595	720.5
PS(O-)36:3	PS31:1	35.53	31.09
PS(O-)36:4	PS31:1	17.555	6.07
PS(O-)36:5	PS31:1	2.86	2.46
PS(O-)38:0	PS31:1	66.295	79.015
PS(O-)38:1	PS31:1	593.135	635.475
PS(O-)38:2	PS31:1	355.485	371.85
PS(O-)38:3	PS31:1	37.535	35.885
PS(O-)38:4	PS31:1	30.785	24.78
PS(O-)38:5	PS31:1	23.535	14.87
PS(O-)38:6	PS31:1	47.45	62.485

PS(O-)40:1	PS31:1		66.105	83.565
PS(O-)40:2	PS31:1		171.455	189.665
PS(O-)40:5	PS31:1		11.34	12.935
PS(O-)40:6	PS31:1		11.625	15.535
PS(O-)42:2	PS31:1		52.815	33.1
PS(O-)44:6	PS31:1		0.1	0.225
PS28:0	PS31:1		0.755	0.685
PS28:1	PS31:1	NA	NA	
PS28:2	PS31:1	NA		0.08
PS28:3	PS31:1	NA	NA	
PS28:4	PS31:1	NA	NA	
PS28:5	PS31:1	NA	NA	
PS28:6	PS31:1	NA	NA	
PS30:0	PS31:1		135.835	107.61
PS30:1	PS31:1		15.415	13.145
PS30:2	PS31:1	NA	NA	
PS30:3	PS31:1	NA	NA	
PS30:4	PS31:1	NA	NA	
PS30:5	PS31:1	NA	NA	
PS30:6	PS31:1	NA		0.17
PS31:1	PS31:1		33000	33000
PS32:0	PS31:1		788.24	685.11
PS32:1	PS31:1		2313.84	2179.515
PS32:2	PS31:1		12.75	13.24
PS32:3	PS31:1		0.525	0.205
PS32:4	PS31:1	NA	NA	
PS32:5	PS31:1	NA	NA	
PS32:6	PS31:1		20.755	16.75
PS34:0	PS31:1		2046.09	2187.64
PS34:1	PS31:1		30156.53	29734.895
PS34:2	PS31:1		3830.12	3555.805
PS34:3	PS31:1		29.13	25.225
PS34:4	PS31:1		18.425	7.705
PS34:5	PS31:1		0.43	0.105
PS34:6	PS31:1		11.76	12.72
PS36:0	PS31:1		3771.425	4030.785
PS36:1	PS31:1		71908.585	74415.35
PS36:2	PS31:1		33925.395	33632.71
PS36:3	PS31:1		492.3	445.775
PS36:4	PS31:1		316.91	176.76
PS36:5	PS31:1		38.6	25.215
PS36:6	PS31:1		14.46	14.835
PS38:0	PS31:1		131.93	145.995
PS38:1	PS31:1		2340.68	2367.335
PS38:2	PS31:1		7104.615	7205.73
PS38:3	PS31:1		740.19	678.905

PS38:4	PS31:1		861.135	580.28
PS38:5	PS31:1		443.21	274.165
PS38:6	PS31:1		51.475	57.09
PS40:0	PS31:1		36.125	39.21
PS40:1	PS31:1		826.425	831.14
PS40:2	PS31:1		3872.99	3819.13
PS40:3	PS31:1		458.695	419.365
PS40:4	PS31:1		136.205	129.72
PS40:5	PS31:1		489.285	472.89
PS40:6	PS31:1		739.54	764.8
PS42:0	PS31:1		6.235	6.915
PS42:1	PS31:1		136.685	155.115
PS42:2	PS31:1		604.49	578.64
PS42:3	PS31:1		215.855	257.69
PS42:4	PS31:1		11.335	8.32
PS42:5	PS31:1		27.705	25.375
PS42:6	PS31:1		16.885	17.99
PS44:0	PS31:1	NA	NA	
PS44:1	PS31:1		0.91	0.52
PS44:2	PS31:1		7.735	7.005
PS44:3	PS31:1		2.6	5.22
PS44:4	PS31:1		0.785	0.08
PS44:5	PS31:1		2.995	3.12
PS44:6	PS31:1		4.83	4.005
SM32:0	C12SM		16.21	12.62
SM34:0	C12SM		283.9	238.445
SM36:0	C12SM		47.44	43.535
SM36:1	C12SM		455.85	363.05
SM36:2	C12SM		32.36	33.065
SM38:1	C12SM		78.53	73.42
SM38:2	C12SM		25.51	22.45
SM38:3	C12SM		0.455	0.395
SM40:0	C12SM		48.97	43.295
SM40:1	C12SM		1228.02	1056.125
SM40:2	C12SM		1529.36	1316.925
SM40:3	C12SM		26.26	19.42
SM42:0	C12SM		46.375	36.34
SM42:1	C12SM		2469.43	2230.125
SM42:2	C12SM		29661.995	26765.26
SM42:3	C12SM		1322.39	1314.425
SM44:0	C12SM		0.12	0.225
SM44:1	C12SM		1.92	1.72
SM44:2	C12SM		21.56	22.465
SM44:3	C12SM		7.6	8.765

Day3_D3_p2_1	Day3_M1_p2_1	Day3_M2_p2_1	Day3_M3_p2_1
25000	25000	25000	25000
5000	5000	5000	5000
1000	1000	1000	1000
7.355	0.58	1.135	NA
45.25	3.87	12.525	7.27
78.62	6.045	13.31	13.74
290.03	35.81	62.335	33.42
12.13	1.295	7.57	NA
53.8	11.905	23.39	14.59
4.445	0.415	NA	NA
24.675	4.155	8.475	6.96
54.07	2.6	2.995	NA
252.28	16.12	39.685	25.23
315.28	15.845	29.16	18.7
234.19	16.48	27.63	26.36
190.635	5.56	25.49	6.975
560.285	37.285	89.12	42.4
3210.58	192.115	216.45	196.43
1.19	NA	8.465	NA
32.375	12.145	53.005	36.97
8.24	1.795	3.38	1.84
75.085	7.125	11.49	6.32
7.595	0.82	1.855	0.48
2.32	0.975	1.16	0.77
195.4	181.49	201.03	183.45
348.89	355.38	375.16	335.595
1063.375	1021.74	1203.245	1063.915
0.52	0.93	0.565	1.18
30.465	19.175	18.27	15.3
3048.285	3079.19	3377.955	2917
3775.58	3759.58	4328.725	3735.265
22.785	19.14	22.19	20.105
0.595	0.365	0.16	0.49
444.55	463.765	510.135	432
334.105	353.74	384.43	334.525
100.16	99.855	120.59	94.035
36.645	39.37	47.73	36.065
9.21	10.54	13.425	9.675
647.1	515.795	703.395	610.45
62.55	45.52	60.725	56.245
1051.56	914.935	1226.415	1044.18
NA	NA	NA	NA
86.175	79.05	99.2	88.83
844.395	872.235	968.295	875.34
18.59	15.73	19.355	17.63

4805.205	4614.9	5320.445	4796.185
26.91	30.74	32.96	29.455
2.035	0.87	1.995	0.98
227.135	231.765	250.285	228.795
712.87	738.625	903.81	741.025
157.55	166.705	186.665	159.83
0.335	NA	0.31	0.7
54.985	47.075	60.885	50.41
69.515	59.895	72.33	61.66
28.965	27.15	35.805	27.085
16.315	15.055	15.78	12.955
0.985	1.49	1.65	1.415
0.33	NA	0.325	0.14
2.47	2.08	2.32	2.115
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
899.115	892.99	1074.3	895.58
0.47	NA	NA	0.14
362.02	400.09	425.865	339.245
38.725	41.055	49.565	39.215
137.07	151.975	189.06	142.855
14.365	14.81	19.125	16.64
19.085	14.53	19.7	17.76
2.37	1.945	4.185	1.91
3.725	4.055	4.815	4.42
NA	NA	NA	NA
2.215	3.085	3.21	1.775
NA	0.29	0.245	NA
NA	NA	NA	NA
0.215	NA	0.235	NA
1.2	0.905	1.225	1.52
0.495	0.525	1.115	0.48
0.73	0.365	0.78	0.875
NA	NA	NA	NA
NA	NA	NA	NA
0.17	NA	0.37	NA
NA	NA	NA	NA
30.485	23.33	30.345	31.545
26.92	27.215	28.845	28.48
NA	NA	NA	NA
68.95	58.46	79.17	74.775
94.475	86.135	121.49	105.31
NA	NA	NA	NA
NA	0.205	0.165	0.155

	6.42	5.96	8.655	6.46
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA		0.73	0.525
NA	NA	NA	NA	
	2.35	3.01	1.805	2.635
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	1.05	0.555	0.355	0.34
NA	NA	NA	NA	
NA	NA		0.575	0.315
	0.545	0.98	0.99	0.83
NA	NA	NA	NA	
NA	NA	NA	NA	
	0.89	0.67	1.09	1.505
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	1.025	0.725	1.055	0.82
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	8.51	9.445	12.395	11.14
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	2.535	2.6	7.18	5.7
NA	NA	NA	NA	
	11.34	4.67	13.65	9.69

	12.03	5.265	6.94	8.36
NA		0.57	NA	NA
	10.25	2.155	6.015	4.47
	2.15	0.935	1.315	1.19
	55.61	5.83	7.57	5.55
	22.76	3.81	5.005	5.26
	58.46	12.365	20.385	12.71
	457.365	40.37	64.925	52.55
	7.1	1.24	4.455	2.5
	4000	4000	4000	4000
	805.71	127.855	99.955	77.23
	4.555	1.085	1.565	2.315
	1.005	0.37	0.895	1.415
	5.715	2.485	2.7	1.965
	2.96	0.735	2.37	2.585
	11.67	3.52	3.345	3.39
	3.34	0.665	1.69	0.72
	108.82	35.03	37.465	23.595
	1.125	1.355	2.32	1.18
	25.435	8.225	7.72	6.9
	2.7	0.985	2.31	0.64
	15.155	2.335	2.72	1.565
	9.195	1.23	1.94	0.955
	158.65	19.03	17.25	15.26
	110.935	8.205	9.945	8.59
	257.705	35.73	38.8	31.075
	1190.52	154.44	143.47	131.845
	14.67	1.515	2.215	1.345
	1.775	0.85	5.575	3.235
	1.53	1.19	2.47	1.46
	0.525	0.445	2.285	0.455
	2.165	1.01	2.31	2.7
	2.62	1.275	1.28	0.49
	2.72	1.055	1.26	0.74
	15.66	3.03	1.87	1.775
	8.21	10.545	10.285	12.06
	0.55	0.625	0.62	0.615
	0.18	0.195	0.215	0.2
	84.7	114.305	114.08	100.5
	29.97	31.34	31.015	33.155
	0.75	0.71	0.655	0.775
	9.36	12.235	14.175	10.94
	135.17	172.905	168.805	158.605
	1.41	1.36	1.29	1.42
	0.92	0.99	1.565	1.27
	6.52	10.025	10.93	9.79

1.41	1.795	1.83	1.54
0.44	0.565	0.955	0.665
0.58	0.775	1.055	0.835
0.29	0.38	0.58	0.415
5.74	3.145	5.965	6.045
9.05	5.225	7.105	8.395
NA	NA	NA	NA
114.13	94.12	134.63	108.985
90.89	79.27	122.67	129.285
NA	NA	NA	NA
83.6	104.095	128.2	108.7
583.44	545.49	685.695	720.715
13.8	15.54	23.075	23.81
NA	NA	3.58	1.04
36.91	21.59	70.16	39.85
2.99	NA	6.5	8.09
3.34	2.83	5.965	3.445
NA	3.79	4.925	3.79
NA	NA	2.195	7.67
NA	NA	NA	NA
NA	NA	NA	0.435
NA	NA	NA	NA
0.17	0.265	0.415	1.49
0.635	0.195	1.43	0.945
NA	NA	NA	NA
56.475	69.435	93.48	79.875
36.18	32.67	66.07	68.86
0.355	NA	0.19	1.915
NA	NA	NA	NA
0.805	NA	0.39	0.995
3.95	1.805	3.825	8.035
0.225	NA	0.3	0.275
0.285	NA	0.865	NA
1.44	0.915	1.955	1.575
NA	NA	NA	NA
0.21	0.225	0.41	2.24
NA	NA	NA	NA
NA	0.4	0.49	0.87
NA	0.54	0.175	1.2
NA	NA	NA	NA
4.385	11.575	11.985	14.91
7.505	19.62	8.875	26.34
NA	NA	NA	NA
NA	NA	NA	NA
0.3	0.355	0.46	1.14
NA	NA	NA	NA

NA	0.185	0.78	0.35
NA	0.725	0.96	1.26
NA	NA	NA	NA
14162.68	15316.4	16425.455	15399.875
2516.43	2498.955	2697.1	2482.01
59.2	62.475	64.905	54.225
4.11	3.11	2.935	2.525
0.82	0.585	0.805	0.985
8.64	7.735	8.48	8.13
366.03	330.205	374.03	338.225
51427.27	73772.37	76931.01	72587.095
49993.38	53395.79	55346.16	51868.345
3913.28	4145.855	4293.425	3952.245
44.52	44.03	47.555	40.15
7.06	4.3	5.505	4.84
51.16	54.325	60.97	51.695
3198.12	3503.28	3605.59	3293.68
20650.94	24629.675	26930.36	24209.385
167371.96	184951.88	189038.055	180612.345
33297.44	35405.2	37660.5	34274.02
2313.01	2382.2	2455.58	2183.97
48.46	41.805	46.015	37.18
103.2	103.29	111.8	108.985
1431.12	1441.915	1729.035	1555.15
15902.64	17165.495	17523.89	16339.055
41941.83	48220.93	50351.265	46883.83
8199.59	8590.13	9164.55	8093.715
1387	1012.975	1095.215	941.815
691.88	462.495	497.62	459.725
605.38	685.45	764.25	698.655
1085.36	938.175	1086.93	1083.275
3594.16	3579.14	3836.23	3438.285
1105.25	1071.265	1169.055	1055.5
711.27	575.84	609.075	518.9
2373.74	1697.925	1797.49	1584.54
1694.52	1301.06	1386.755	1192.915
224.04	202.285	224.92	207.565
208.25	243.34	276.715	254.525
66.8	62.45	77.26	70.695
210.97	162.91	191.75	157.39
744.8	588.41	646.08	554.975
13.2	14.925	15.305	15.765
21.85	24.765	28.845	26.65
21.63	21.77	30.38	26.59
11.72	8.705	15.47	19.82
14.92	10.45	18.725	12.845

25.01	19.595	28.665	20.245
3.5	2.265	4.94	3.555
3.5	4.565	7.39	5.05
5.31	3.725	8.63	5.89
3.47	2.265	3.915	2.995
3.57	2.57	6.67	3.915
3.68	2.92	7.6	3.96
4116.34	4087.745	4286.88	4110.265
261.54	113.585	129.21	122.15
6.44	3.18	3.995	3.85
0.27	0.265	0.405	0.245
0.08	0.04	0.18	0.215
0.58	0.36	0.905	0.535
19.24	23.25	25.33	21.115
54518.03	61985.39	65072.125	60367.435
13554.87	11527.94	11848.61	11424.485
150.88	117.405	125.665	115.63
4.89	4.215	4.58	4.065
0.87	0.785	1.52	1.475
7.74	6.36	8.385	7.7
709.85	694.305	752.315	697.39
84634.01	88984.67	96381.27	89122.595
224952.56	173288.19	181213.855	172533.125
16976.28	12283.89	12797.015	12164.28
106.76	81.685	83.055	79.665
5.33	4.13	4.955	4.465
37.33	42.49	46.965	44.345
2533.97	3578.555	3748.055	3639.245
24548.91	27385.875	29926.56	27190.515
377533.15	391545.585	419773.615	385756.595
147870.86	137075.635	141762.71	132823.09
2630.68	2233	2313	2191
98.62	71.655	79.28	70.575
87.32	76.845	95.935	83.81
951.97	1137.205	1231.01	1098.695
1821.4	1705.64	2014.845	1635.535
42526.74	40969.945	43916.88	38507.635
318304.1	308944.46	318379.49	296399.7
13749.17	12085.585	12480.325	11527.88
1335.2	867.84	923.115	809.745
591.31	323.925	367.29	298.275
223.53	178.185	213.125	186.475
879.53	689.535	781.26	648.525
2013.31	1584.875	1723.305	1441.31
18960.66	12466.695	13219.31	11745.17
2986.69	2324.285	2416.78	2230.89

	706.55	493.805	517.8	474.025
	1506.21	865.88	939.515	799.045
	1104.8	643.735	719.15	608.09
	34.34	34.035	55.64	33.17
	92.41	124.29	143.45	113.055
	423.05	491	513.82	465.025
	350.68	360.015	371.84	353.03
	56.41	49.2	59.225	58.52
	197.19	116.045	132.765	121.56
	526.06	328.49	361.54	307.155
	4.24	5.015	7.495	4.955
	22.69	31.175	38.68	27.755
	87.12	125.925	134.59	109.245
	73.36	75.84	84.195	72.96
	8.57	7.64	11.65	8.815
	13.55	9.785	16.86	10.57
	36.47	22.945	27.825	23.16
	0.78	0.385	1.86	1.1
	3.83	2.635	5.41	2.92
	12.83	12.87	18.025	13.11
	16.82	14.26	16.07	14.32
	2.37	1.575	4.5	2.055
	2.15	1.895	6.115	2.615
	4.07	2.55	7.03	3.115
	42.11	18.115	21.795	23.795
	7.01	5.385	7.505	4.6
	735.11	708.075	701.575	679.96
	24.63	34.395	34.065	27.9
NA	NA	NA	NA	
	469.3	297.31	345.035	314.935
	2217.15	1694.235	1782.725	1618.185
	689.37	534.17	588.35	483.17
	54.58	64.71	71.31	69.515
	97.12	105.4	121.22	84.63
	7.71	9.665	9.89	5.66
	329.89	298.65	341.22	271.795
	121.06	105.28	108.09	93.9
	139.14	109.925	132.905	112.685
	137.61	124.3	143.09	112.945
	254.83	222.73	279.245	240.25
	319.5	321.96	351.91	287.495
	291.73	329.46	365.89	279.045
	160.46	158.195	192.5	160.14
	14.88	15.98	17.915	17.325
	4.24	6.77	12.345	13.27
NA	NA	NA	NA	

NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	2.05	NA	
NA	NA	NA	NA	
648.9	398.61	421.315	394.545	
401.55	316.905	340.99	322.16	
4.2	3.69	6.11	4.045	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
2118.15	1625.655	1699.465	1589.615	
16416.91	14469.77	15414.655	14247.65	
2913.07	2528.47	2597.08	2439.855	
13.2	8.97	14.31	9.525	
5.02	4.51	5	3.265	
NA	NA	NA	NA	
27.47	14.39	16.89	13.175	
3995.31	3462.415	3791.28	3443.94	
64036.55	54910.215	60446.705	53396.46	
54094.93	49684.005	53533.915	46739.415	
933.1	730.46	863.625	775.69	
188.63	182.17	222.255	150.99	
44.58	35.175	56.045	25.63	
26.2	16.49	16.845	13.755	
2435.32	2129.905	2137.28	1929.515	
44224.68	38029.22	40996.38	36200.6	
153569.04	141385.49	150633.275	133902.67	
7046.9	6910.31	7278.155	6468.015	
2050.96	2004.21	2312.87	1969.695	
1229.9	1087.83	1269.25	1009.255	
154.4	117.705	135.925	107.29	
127.63	125.535	135.99	119	
856.91	808.84	883.175	711.115	
6512.64	5770.055	5795.865	5525.035	
2305.2	2318.195	2703.445	2221.125	
6147.63	7071.675	8408.055	6969.135	
7771.85	8562.775	10346.295	8132.865	
2716.76	2734.975	3099.12	2327.725	
22.78	33.54	37.77	25.305	
168.23	141.91	182.73	135.115	
916.02	822.22	847.27	714.405	
399.89	334.78	368.825	292.34	
340.09	290.995	352.215	275.63	
1582.19	1520.07	1553.82	1279.075	
4900.79	4150.725	4497.325	3711.855	

NA		4.855	5.08	6.22
	34.59	65.3	59.59	61.82
	180.83	195.31	177.135	168
	114.77	101.375	99.76	82.69
	44.54	47.775	46.795	35.935
	100.84	139.11	126.93	113.495
	112.04	97.45	115.51	92.175
NA	NA	NA	NA	
NA	NA		1.33	NA
	12.68	9.99	10.26	8.145
	11.14	6.3	8.915	4.855
	5.61	12.22	15.32	12.415
	44.49	82.665	87.105	54.275
	22.58	36.895	47.265	30.29
	13.835	13.855	21.185	20.37
	660.31	663.675	652.755	498.505
	88.49	71.46	115.455	73.155
	3.56	1.18	4.135	4.335
	5.68	4.275	9.2	9.17
	29.315	19.875	31.01	55.435
	420.93	397.585	407.98	450.045
	437.03	329.575	336.08	256.76
	3.005	5.105	4.07	4.31
	2.07	0.695	2.235	0.97
	2.885	0.265	2.17	1.425
	2.895	1.995	2.43	11.255
	82.535	86.855	99.36	86.075
	0.79	NA	1.175	0.625
	4.765	2.165	6.31	5.63
	238.265	194.595	240.635	240.4
	972.635	779.15	929.66	854.5
	766.645	668.145	780.77	688.56
	41.89	26.805	33.25	26.625
	1.62	0.595	0.94	NA
	1.785	NA	3.535	0.75
	435.355	387.34	487.585	377.815
	1984.225	1859.165	2293.24	2004.275
	523.025	517.415	614.215	556.715
	47.675	30.01	49.74	39.87
	35.935	23.31	31.43	18.965
	657.205	562.95	693.005	613.12
	699.435	636.965	686.62	624.335
	90.635	77.725	102.99	82.84
	19.44	10.13	19.525	21.915
	35.705	16.18	33.69	21.395
	279.165	147.88	268.23	130.01

338.525	171.575	252.915	136.035
57.225	43.965	87.21	105.695
5.46	2.8	5.47	5.125
39.39	21.105	24.365	14.95
5.77	4.1	8.6	6.355
237.825	185.005	244.475	169.49
68.425	45.265	58.795	40.815
19.68	10.37	13.935	11.6
5.235	1.325	5.6	2.28
2.935	0.985	2.495	6.69
8.78	4.045	13.66	27.865
38.405	18.04	31.985	53.72
241.72	236.75	270.115	239.815
130.055	135.445	139.245	103.085
4.255	5.67	3.025	3.155
3.655	1.075	4.36	2.36
11.005	1.33	7.31	2.155
5.5	1.845	3.69	6.29
10000	10000	10000	10000
132.86	139.01	167.09	136.745
1139.05	962.11	980.99	1010
334.925	259.29	302.415	270.465
6.28	1.44	0.89	0.91
0.325	NA	0.345	0.18
0.885	0.315	0.62	0.545
2.285	1.955	1.505	2.165
978.3	800.345	944.475	801.48
15963.595	15778.125	17232.485	16245.665
13424.5	11887.625	12532.01	11905.7
98.365	67.33	73.355	71.765
0.28	0.755	0.205	1.12
0.21	NA	0.25	0.155
7.99	3.97	5.9	5
3419.945	3229.44	3850.33	3455.645
66946.69	70367.275	76681.79	68964.32
94828.64	90931.675	102574.785	94831.045
4201.245	3402.575	4242.015	3925.745
192.045	142.02	179.72	150.115
32.405	23.52	27.615	7.705
32.965	19.39	37.34	33.98
222.935	189.01	274.21	285.695
4108.895	3884.32	5046.07	4370.76
30097.685	29567.145	35913.33	31339.785
14769.695	13912.235	17298.78	15319.61
7089.38	5568.17	5967.485	5389.14
2270.275	1693.635	1855.535	1671.8

153.19	152.255	134.185	156.055
289.705	181.14	393.185	481.215
726.825	542.965	858.05	897.97
2549.16	2185.96	2962.445	2712.105
1848.655	1729.52	2220.625	1862.375
717.39	596.97	802.745	699.5
905.59	738.105	909.745	796.62
704.045	581.53	723.865	683.98
31.385	23.07	52.655	67.845
142.635	119.385	186.345	227.435
296.525	221.32	332.57	289.25
313.085	187.42	293.87	255.1
20.5	10.81	15.98	24.22
3.43	1.185	7.18	4.445
6.045	3.52	7.86	7.47
7.32	2.44	14.575	19.235
29.415	14.265	22.685	32.09
24.875	20.44	29.98	28.64
49.825	19.405	53.485	31.16
22.155	10.745	28.905	14.895
6.385	2.415	7.12	8.725
1.42	1.04	2.67	1.11
12.78	1.615	2.37	2.84
0.585	0.395	0.66	0.94
NA	NA	NA	NA
NA	NA	NA	0.15
1503.345	1360.155	1438.51	1331.42
4.865	6.21	7.065	5.55
308.65	199.87	219.89	195.75
1489.045	1288.225	1440.435	1329.19
138.26	159.92	159.73	135.17
17.505	7.39	14.24	9.95
NA	NA	NA	NA
327.805	284.745	275.865	283.53
2561.66	2811.635	2786.37	2432.54
699.425	879.85	871.305	810.31
39.535	39.35	49.92	38.85
10.975	6.215	7.98	7.9
2.325	2.15	1.965	3.31
90.305	40.85	58.215	70.81
637.2	486.315	462.92	459.56
352.16	360.465	378.085	375.01
33.72	32.095	41.615	26.11
27.785	15.93	24.985	17.7
23.66	15.895	14.14	18.74
50.915	43.605	44.645	46.05

	76.135	66.035	67.175	70.11
	195.205	152.55	178.645	169.51
	12.71	12.105	14.03	18.5
	12.385	10.915	15.115	16.99
	48.195	44.045	45.655	43.23
	0.105	0.07	NA	0.48
	0.125	0.105	NA	0.5
NA	NA	NA	NA	
NA	NA	NA		0.14
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	120.425	28.235	30.44	33.78
	11.05	17.03	15.305	14.02
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	0.075	NA	NA	NA
	33000	33000	33000	33000
	729.01	275.825	288.185	262.26
	2108.805	2388.02	2409.21	2314.78
	11.81	11.46	17.795	13.15
	0.795	NA	NA	NA
NA	NA	NA	NA	
NA	NA	NA	NA	
	19.51	10.955	11.58	10.75
	2087.535	1576.825	1580.605	1461.63
	29635.94	26177.41	29540.965	27391.24
	3482.885	3825.355	4204.27	4109.67
	24.815	22.39	21.75	19.39
	18.335	9.06	22.12	12.39
	0.21	0.115	0.31	0.15
	12.92	7.34	8.725	8.94
	3916.855	3059.4	3430.155	3138.74
	72363.745	62599.56	64518.895	55112.09
	32468.265	34371.395	37789.54	34875.81
	462.435	524.39	471.985	439.01
	279.4	187.675	232.695	180.97
	42.515	23.65	36.82	25.94
	14.48	11.775	10.145	11.99
	140.95	75.095	98.83	93.26
	2386.665	1650.605	1693.365	1644.66
	7498.615	6675.925	6866.67	6252.11
	753.415	664.415	741.845	666.5

	802.42	692.195	713.965	522.38
	418.815	346.88	446.705	362.63
	63.26	55.435	61.24	54.67
	42.105	40.78	56.62	50.74
	852.965	957.85	1041.62	923.47
	3880.425	3540.67	3888.17	3481.36
	403.63	424.18	435.165	429.17
	138.36	105.255	108.005	85.86
	495.74	370.32	451.605	397.5
	826.665	688.52	819.1	765.63
	8.42	16.58	16.415	14.68
	171.52	262.37	315.095	260.72
	636.01	818.86	917.195	828.72
	243.08	182.125	215.58	205.03
	12.725	5.915	14.735	10.01
	34.27	16.36	26.64	18.23
	24.74	19.86	23.42	25.08
NA	NA	NA	NA	0.15
	0.635	1.05	0.515	0.82
	10.815	8.525	11.56	16.13
	3.62	6.145	2.34	4.71
	1.635	1	0.7	2.02
	3.01	3.14	1.655	2.17
	3.005	3.65	5.16	5.73
	13.78	0.795	1	0.645
	251.145	20.31	20.99	17.955
	42.4	21.355	18.39	14.49
	377.025	41.13	43.12	33.19
	37.22	5.695	5.955	4.76
	80.685	12.675	12.4	10.4
	27.825	1.45	1.505	1.215
	0.365	0.06	0.055	0.045
	49.165	4.865	5.13	4.385
	1182.745	58.83	52.78	45.29
	1512.225	56.935	54.4	41.61
	25.755	1.155	1.36	1.175
	42.645	2.92	3.43	2.38
	2688.875	137.45	139.335	114.465
	30743.455	1297.81	1280.145	1024.35
	1443.47	152.35	146.43	119.57
	0.205	0.045	0.055	0.02
	1.955	0.1	0.15	0.105
	23.95	0.615	0.575	0.37
	9.445	0.185	0.155	0.135

LipidName	standard_ion	ELOVL5_myriocin_1	ELOVL5_myriocin_2	ELOVL5_myriocin_3
C12SM	C12SM	34250	34250	34250
C17Cer	C17Cer	5000	5000	5000
C17Cer(-H2O)	C17Cer	5000	5000	5000
C8GC(-H2O)	C8GC	1000	1000	1000
Cer32:1	C17Cer	0.55	0.935	NA
Cer32:1(-H2O)	C17Cer	6.08	15.595	8.33
Cer32:2	C17Cer	0.37	0.23	NA
Cer34:1	C17Cer	5.745	6.83	4.745
Cer34:1(-H2O)	C17Cer	25.13	21.72	25.25
Cer36:1	C17Cer	0.55	0.6	NA
Cer36:1(-H2O)	C17Cer	7.465	9.665	6.98
Cer36:2	C17Cer	0.85	1.14	1.315
Cer38:1	C17Cer	0.25	0.565	0.565
Cer38:1(-H2O)	C17Cer	10.255	12.685	9.455
Cer38:2	C17Cer	0.655	0.87	NA
Cer40:1	C17Cer	1.53	2.05	3.505
Cer40:1(-H2O)	C17Cer	30.205	27.815	20.81
Cer40:2	C17Cer	3.27	3.21	3.16
Cer40:2(-H2O)	C17Cer	60.41	65.87	51.855
Cer42:1	C17Cer	6.875	4.735	3.515
Cer42:1(-H2O)	C17Cer	52.86	36.29	38.72
Cer42:2	C17Cer	121.95	91.055	123.925
Cer42:2(-H2O)	C17Cer	123.525	100.61	97.88
Cer44:1	C17Cer	0.335	NA	NA
Cer44:1(-H2O)	C17Cer	4.525	4.375	3.915
Cer44:2	C17Cer	1.04	NA	NA
Cer44:2(-H2O)	C17Cer	5.395	8.025	4.805
CerP32:1	C17Cer	25.66	82.835	31.685
CerP34:1(-H2O)	C17Cer	2	7.055	3.985
CerP36:1	C17Cer	6.07	2.85	7.755
CerP36:1(-H2O)	C17Cer	5.615	3.3	4.575
CerP38:1	C17Cer	1.16	1.005	NA
CerP38:1(-H2O)	C17Cer	1.375	2.285	1.66
CerP42:1(-H2O)	C17Cer	0.62	1.75	0.68
CL68:3_C16:0	CL56:0	30.975	25.9	28.84
CL68:3_C16:1	CL56:0	118.9	106.44	105.91
CL68:3_C18:1	CL56:0	216.12	206.705	211.585
CL68:3_C18:2	CL56:0	NA	NA	NA
CL68:4_C16:0	CL56:0	2.73	2.115	1.41
CL68:4_C16:1	CL56:0	1587.725	1587.22	1612.29
CL68:4_C18:1	CL56:0	1800.78	1798.135	1872.915
CL68:4_C18:2	CL56:0	6.48	7.425	6.44
CL68:5_C16:0	CL56:0	0.15	0.14	NA
CL68:5_C16:1	CL56:0	323.19	327.755	336.68
CL68:5_C18:1	CL56:0	136.105	140.55	137.975

CL68:5_C18:2	CL56:0		101.995	92.625	104.875
CL68:6_C16:1	CL56:0		22.62	22.13	21.045
CL68:6_C18:2	CL56:0		7.305	9.15	5.925
CL70:2_C16:0	CL56:0		7.8	4.185	0.6
CL70:2_C18:0	CL56:0		1.735	0.7	0.645
CL70:2_C18:1	CL56:0		7.96	6.675	5.955
CL70:2_C20:1	CL56:0	NA	NA	NA	
CL70:3_C16:0	CL56:0		4.545	3.51	0.735
CL70:3_C18:1	CL56:0		75.045	80.315	60.735
CL70:4_C16:0	CL56:0		0.71	0.61	0.25
CL70:4_C18:1	CL56:0		861.995	823.755	741.955
CL70:4_C18:2	CL56:0		4.01	4.385	2.865
CL70:5_C16:0	CL56:0	NA	NA	NA	
CL70:5_C16:1	CL56:0		77.32	80.685	68.715
CL70:5_C18:1	CL56:0		239.5	265.745	259.42
CL70:5_C18:2	CL56:0		62.255	70.445	62.09
CL70:6_C16:0	CL56:0	NA	NA	NA	
CL70:6_C16:1	CL56:0		11.875	13.875	12.61
CL70:6_C18:1	CL56:0		17.23	14.41	14.725
CL70:6_C18:2	CL56:0		11.3	12.835	8.42
CL70:7_C16:1	CL56:0		7.875	7.79	7.51
CL70:7_C18:2	CL56:0		0.19	0.305	0.385
CL72:10_C16:1	CL56:0	NA	NA	NA	
CL72:10_C20:4	CL56:0	NA	NA	NA	
CL72:11_C16:1	CL56:0	NA	NA	NA	
CL72:11_C18:2	CL56:0	NA	NA	NA	
CL72:11_C20:4	CL56:0	NA	NA	NA	
CL72:11_C22:6	CL56:0	NA	NA	NA	
CL72:4_C18:1	CL56:0		71.685	67.585	62.285
CL72:5_C18:0	CL56:0	NA		0.515	5.13
CL72:5_C18:1	CL56:0		46.45	37.585	53.15
CL72:5_C18:2	CL56:0		6.69	6.23	5.175
CL72:6_C18:1	CL56:0		12.28	13.12	9.565
CL72:6_C18:2	CL56:0		2.96	4.43	1.24
CL72:7_C18:1	CL56:0		4.225	4.125	4.685
CL72:7_C18:2	CL56:0		0.435	0.37	NA
CL72:8_C18:2	CL56:0		0.38	0.095	NA
CL72:9_C16:0	CL56:0	NA	NA	NA	
CL72:9_C16:1	CL56:0		0.735	1.5	0.985
CL72:9_C18:2	CL56:0	NA	NA	NA	
CL72:9_C18:3	CL56:0	NA	NA	NA	
CL72:9_C20:4	CL56:0	NA	NA	NA	
CL74:10_C16:0	CL56:0	NA	NA	NA	
CL74:10_C16:1	CL56:0	NA	NA	NA	
CL74:10_C18:1	CL56:0	NA	NA	NA	
CL74:10_C18:2	CL56:0	NA	NA	NA	

CL74:10_C20:3	CL56:0	NA	NA	NA		
CL74:10_C20:4	CL56:0	NA	NA	NA		
CL74:10_C22:6	CL56:0	NA	NA	NA		
CL74:5_C18:1	CL56:0	NA	NA	NA		
CL74:5_C18:2	CL56:0	NA	NA	NA		
CL74:5_C20:1	CL56:0	NA	NA	NA		
CL74:6_C18:1	CL56:0	NA		0.475	NA	
CL74:6_C18:2	CL56:0	NA	NA	NA		
CL74:6_C20:1	CL56:0	NA	NA	NA		
CL74:6_C20:2	CL56:0	NA	NA	NA		
CL74:7_C18:1	CL56:0		0.685	0.49	NA	
CL74:7_C18:2	CL56:0	NA	NA	NA		
CL74:7_C20:1	CL56:0	NA	NA	NA		
CL74:7_C20:2	CL56:0	NA	NA	NA		
CL74:8_C18:2	CL56:0	NA	NA	NA		
CL74:8_C20:2	CL56:0	NA	NA	NA		
CL74:9_C18:1	CL56:0		0.805	0.465		0.3
CL74:9_C18:2	CL56:0	NA	NA	NA		
CL74:9_C20:3	CL56:0	NA	NA	NA		
CL74:9_C20:4	CL56:0	NA	NA	NA		
CL76:10_C18:1	CL56:0	NA	NA	NA		
CL76:10_C18:2	CL56:0	NA	NA	NA		
CL76:10_C20:3	CL56:0	NA	NA	NA		
CL76:10_C20:4	CL56:0	NA	NA	NA		
CL76:10_C22:5	CL56:0	NA	NA	NA		
CL76:10_C22:6	CL56:0	NA	NA	NA		
CL76:11_C18:1	CL56:0		0.845	NA		5.065
CL76:11_C18:2	CL56:0	NA	NA	NA		
CL76:11_C22:5	CL56:0	NA	NA	NA		
CL76:11_C22:6	CL56:0	NA	NA	NA		
CL76:12_C18:2	CL56:0	NA	NA	NA		
CL76:12_C22:6	CL56:0	NA	NA	NA		
CL76:9_C18:0	CL56:0	NA	NA			1.335
CL76:9_C18:1	CL56:0		0.185	NA	NA	
CL76:9_C18:2	CL56:0	NA	NA	NA		
CL76:9_C20:1	CL56:0	NA	NA	NA		
CL76:9_C20:4	CL56:0	NA	NA	NA		
CL76:9_C22:6	CL56:0	NA	NA	NA		
CL78:12_C18:1	CL56:0	NA	NA	NA		
CL78:12_C18:2	CL56:0	NA	NA	NA		
CL78:12_C20:2	CL56:0	NA	NA	NA		
CL78:12_C20:3	CL56:0	NA	NA	NA		
CL78:12_C22:6	CL56:0	NA	NA	NA		
CL78:13_C18:2	CL56:0	NA	NA	NA		
CL78:13_C20:3	CL56:0	NA	NA	NA		
CL78:13_C22:6	CL56:0	NA	NA	NA		

CL78:14_C18:2	CL56:0	NA	NA	NA	
CL78:14_C20:4	CL56:0	NA	NA	NA	
CL78:14_C22:6	CL56:0	NA	NA	NA	
CL78:15_C18:2	CL56:0	NA	NA	NA	
CL78:15_C18:3	CL56:0	NA	NA	NA	
CL78:15_C20:4	CL56:0	NA	NA	NA	
CL78:15_C22:6	CL56:0	NA	NA	NA	
CL80:14_C18:2	CL56:0	NA	NA	NA	
CL80:14_C22:6	CL56:0	NA	NA	NA	
DHCer28:1(-H2O)	C17Cer	9.025	19.68	11.89	
DHCer30:1	C17Cer	1.245	2.045	NA	
DHCer32:1	C17Cer	0.555	0.84	NA	
DHCer34:0(-H2O)	C17Cer	6.545	7.625	5.405	
DHCer36:0	C17Cer	0.595	NA	0.54	
DHCer36:0(-H2O)	C17Cer	4.375	4.48	2.42	
DHCer38:1(-H2O)	C17Cer	1.765	4.575	2.08	
DHCer40:0(-H2O)	C17Cer	9.99	13.525	10.005	
DHCer40:1(-H2O)	C17Cer	7.56	9.295	5.05	
DHCer42:0(-H2O)	C17Cer	17.125	23.67	13.22	
DHCer42:1	C17Cer	1.47	0.95	0.245	
DHCer42:1(-H2O)	C17Cer	39.45	43.69	31.8	
DHCer44:1(-H2O)	C17Cer	3.77	3.76	3.225	
DLPC	DLPC	4000	4000	4000	
GlcCer28:1	NA	NA	NA	NA	
GlcCer28:1(-H2O)	C8GC	2.145	2.04	1.94	
GlcCer28:2(-H2O)	C8GC	1.28	0.97	0.655	
GlcCer30:1(-H2O)	C8GC	2.875	2.26	3.61	
GlcCer30:2(-H2O)	C8GC	3.485	3.745	4.09	
GlcCer32:1(-H2O)	C8GC	6.025	4.14	3.345	
GlcCer32:2(-H2O)	C8GC	1.765	0.46	0.495	
GlcCer34:1(-H2O)	C8GC	23.02	14.475	19.27	
GlcCer34:2(-H2O)	C8GC	1.455	1.145	1.865	
GlcCer36:1(-H2O)	C8GC	4.71	3.5	4.565	
GlcCer36:2(-H2O)	C8GC	1.545	1.81	0.69	
GlcCer38:1(-H2O)	C8GC	1.45	1.53	1.555	
GlcCer38:2(-H2O)	C8GC	1.255	1.235	1.49	
GlcCer40:1(-H2O)	C8GC	16.455	11.785	11.31	
GlcCer40:2(-H2O)	C8GC	9.16	4.83	8.88	
GlcCer42:1(-H2O)	C8GC	35.95	26.745	33.26	
GlcCer42:2(-H2O)	C8GC	73.435	48.825	64.855	
GlcCer44:2(-H2O)	C8GC	4.83	3.92	4.71	
GlcDHCer28:0(-H2O)	C8GC	2.71	1.54	2.14	
GlcDHCer36:0(-H2O)	C8GC	2.8	6.62	3.4	
GlcDHCer38:0(-H2O)	C8GC	1.09	2.01	1.395	
GlcDHCer40:0(-H2O)	C8GC	2.34	2.76	1.27	
GlcDHCer40:1(-H2O)	C8GC	2.245	2.27	1.965	

GlcDHCer42:0(-H2O)	C8GC	1.575	1.655	1.23
GlcDHCer42:1(-H2O)	C8GC	2.94	2.4	1.155
LysoPC14:0	DLPC	3.9	3.775	3.09
LysoPC14:1	DLPC	0.515	0.335	0.37
LysoPC14:2	DLPC	0.09	0.15	0.11
LysoPC16:0	DLPC	75.06	87.18	70.86
LysoPC16:1	DLPC	57.735	57.675	50.73
LysoPC16:2	DLPC	0.76	0.66	0.64
LysoPC18:0	DLPC	11.725	9.4	7.49
LysoPC18:1	DLPC	147.24	166.995	133.2
LysoPC18:2	DLPC	1.645	1.525	1.31
LysoPC20:0	DLPC	0.27	0.365	0.26
LysoPC20:1	DLPC	4.315	2.24	1.72
LysoPC20:2	DLPC	1.545	1.535	1.27
LysoPC22:0	DLPC	0.53	0.34	0.28
LysoPC22:1	DLPC	0.325	0.445	0.35
LysoPC22:2	DLPC	0.245	0.235	0.25
LysoPE14:0	PE31:1	3.28	0.88	1.58
LysoPE14:1	PE31:1	19.27	4.915	5.49
LysoPE14:2	PE31:1	NA	NA	NA
LysoPE16:0	PE31:1	56.135	50.79	53.98
LysoPE16:1	PE31:1	174.11	116.095	133.76
LysoPE16:2	PE31:1	15.78	NA	NA
LysoPE18:0	PE31:1	86.17	68.88	79.09
LysoPE18:1	PE31:1	555.575	400.235	457.73
LysoPE18:2	PE31:1	13.55	11.335	13.05
LysoPE20:0	PE31:1	2.1	NA	1.89
LysoPE20:1	PE31:1	27.315	10.42	19.81
LysoPE20:2	PE31:1	2.08	2.09	1.81
LysoPE22:0	PE31:1	3.07	2.115	4.32
LysoPE22:1	PE31:1	2.505	0.84	1.85
LysoPE22:2	PE31:1	0.955	NA	3.94
LysoPI14:0	PI31:1	NA	0.13	0.38
LysoPI14:1	PI31:1	1.08	1.3	2.4
LysoPI14:2	PI31:1	0.38	NA	11.635
LysoPI16:0	PI31:1	6.735	9.415	10.7
LysoPI16:1	PI31:1	13.33	16.84	29.11
LysoPI16:2	PI31:1	0.7	NA	6.91
LysoPI18:0	PI31:1	105.52	91.905	114.065
LysoPI18:1	PI31:1	61.665	72.22	82.43
LysoPI18:2	PI31:1	0.77	0.845	5.26
LysoPI20:0	PI31:1	0.245	0.745	3.18
LysoPI20:1	PI31:1	0.37	1.565	2.24
LysoPI20:2	PI31:1	2.115	1.33	3.43
LysoPI22:0	PI31:1	1.115	1.93	1.58
LysoPI22:1	PI31:1	0.935	0.485	2.365

LysoPI22:2	PI31:1	2.645	1.62	8.2
LysoPS14:0	PS31:1	NA	NA	0.095
LysoPS14:1	PS31:1	24.915	18.135	26.89
LysoPS14:2	PS31:1	NA	0.185	NA
LysoPS16:0	PS31:1	1.655	2.61	2.45
LysoPS16:1	PS31:1	2.54	3.62	2.525
LysoPS16:2	PS31:1	NA	NA	NA
LysoPS18:0	PS31:1	18.595	15.58	18.705
LysoPS18:1	PS31:1	19.825	23.375	22.54
LysoPS18:2	PS31:1	NA	0.13	0.165
LysoPS20:0	PS31:1	0.05	0.05	0.235
LysoPS20:1	PS31:1	0.105	0.18	0.1
LysoPS20:2	PS31:1	NA	NA	NA
LysoPS22:0	PS31:1	0.255	0.275	0.305
LysoPS22:1	PS31:1	0.38	0.39	0.22
LysoPS22:2	PS31:1	NA	NA	NA
PC(O-)30:0	DLPC	7436.225	7114.68	7340.3
PC(O-)30:1	DLPC	1304.56	1183.1	1161.71
PC(O-)30:2	DLPC	23.32	25.845	23.55
PC(O-)30:3	DLPC	1.44	1.465	1.02
PC(O-)30:4	DLPC	0.875	0.94	0.69
PC(O-)30:5	DLPC	1.43	1.89	1.11
PC(O-)30:6	DLPC	64.8	55.615	56.46
PC(O-)32:0	DLPC	55191.455	58081.385	54476.8
PC(O-)32:1	DLPC	36257.155	39693.815	39160.12
PC(O-)32:2	DLPC	3892.515	3923.51	3859.27
PC(O-)32:3	DLPC	45.1	52.91	50.76
PC(O-)32:4	DLPC	3.54	4.22	3.47
PC(O-)32:5	DLPC	17.525	20.765	17.13
PC(O-)32:6	DLPC	1299.575	1363.415	1183.97
PC(O-)34:0	DLPC	13565.775	14763.54	13051.36
PC(O-)34:1	DLPC	79841.2	86059.7	81437.95
PC(O-)34:2	DLPC	23651.21	24552.51	24803.92
PC(O-)34:3	DLPC	2147.6	2138.92	2117.3
PC(O-)34:4	DLPC	43.705	45.455	44.98
PC(O-)34:5	DLPC	67.435	75.99	76.01
PC(O-)36:0	DLPC	659.845	843.52	733.47
PC(O-)36:1	DLPC	6172.725	6910.85	6670.35
PC(O-)36:2	DLPC	12666.85	14387.695	14134.16
PC(O-)36:3	DLPC	2665.1	3075.945	2953.7
PC(O-)36:4	DLPC	608.355	671.56	763.25
PC(O-)36:5	DLPC	325.11	376.94	376.04
PC(O-)36:6	DLPC	390.935	452.915	395.33
PC(O-)38:1	DLPC	361.165	448.83	425.85
PC(O-)38:2	DLPC	589.75	789.45	767.07
PC(O-)38:3	DLPC	190.875	358.88	253.62

PC(O-)38:4	DLPC	302.365	414.105	389.94
PC(O-)38:5	DLPC	1207.945	1533.795	1684.04
PC(O-)38:6	DLPC	996.84	1198.305	1253.42
PC(O-)40:2	DLPC	47.53	99.715	75.85
PC(O-)40:3	DLPC	36.145	157.37	66.27
PC(O-)40:4	DLPC	26.47	96.175	49.26
PC(O-)40:5	DLPC	100.595	142.01	148.91
PC(O-)40:6	DLPC	369.675	502.38	531.74
PC(O-)42:1	DLPC	10.22	15.8	13.57
PC(O-)42:2	DLPC	13.135	24.53	17.02
PC(O-)42:3	DLPC	13.585	42.64	23.7
PC(O-)42:4	DLPC	9.185	57.43	17.2
PC(O-)42:5	DLPC	9.745	23.475	15.12
PC(O-)42:6	DLPC	15.625	29.63	26.73
PC(O-)44:1	DLPC	2.275	5.265	3.43
PC(O-)44:2	DLPC	2.975	7.39	5.35
PC(O-)44:3	DLPC	3	9.715	5.11
PC(O-)44:4	DLPC	3.83	8.665	5.72
PC(O-)44:5	DLPC	4.62	15.955	8.64
PC(O-)44:6	DLPC	3.38	17.935	6.71
PC28:0	DLPC	1398.22	1337.75	1172.37
PC28:1	DLPC	94.2	81.63	76.83
PC28:2	DLPC	3.32	2.715	3.06
PC28:3	DLPC	0.41	0.435	0.57
PC28:4	DLPC	0.25	0.42	0.28
PC28:5	DLPC	0.32	0.275	0.33
PC28:6	DLPC	8.61	8.35	7.48
PC30:0	DLPC	29628.12	29637.14	25225.88
PC30:1	DLPC	9830.685	9744.295	8720.67
PC30:2	DLPC	120.775	126.42	111.57
PC30:3	DLPC	3.62	3.995	3.75
PC30:4	DLPC	1.34	1.465	1.08
PC30:5	DLPC	4.2	4.41	3.58
PC30:6	DLPC	340.125	323.15	306.57
PC32:0	DLPC	91053.265	89851.745	86772.45
PC32:1	DLPC	152311.955	164061.45	158241.88
PC32:2	DLPC	29157.1	32377.86	33330.67
PC32:3	DLPC	124.43	139.95	142.33
PC32:4	DLPC	4.8	5.385	4.81
PC32:5	DLPC	31.74	31.755	27.76
PC32:6	DLPC	2657.7	2820.03	2575.38
PC34:0	DLPC	13362.405	15451.255	13697.77
PC34:1	DLPC	187121.755	216611.39	193460.4
PC34:2	DLPC	111906.13	129469.965	121391.86
PC34:3	DLPC	2085.805	2385.41	2308.92
PC34:4	DLPC	97.075	113.835	111.81

PC34:5	DLPC	26.785	31.445	28.36
PC34:6	DLPC	660.95	727.02	654.12
PC36:0	DLPC	898.465	1131.005	1099.97
PC36:1	DLPC	14243.3	17136.865	15956.47
PC36:2	DLPC	85517.61	106270.68	101649.34
PC36:3	DLPC	4343.025	5519.16	5094.23
PC36:4	DLPC	743.765	887.645	837.82
PC36:5	DLPC	415.9	472.52	480.17
PC36:6	DLPC	156.15	188.875	184.28
PC38:0	DLPC	441.19	612.225	656.52
PC38:1	DLPC	473.355	630.805	631.57
PC38:2	DLPC	1722.295	2226.16	2130.4
PC38:3	DLPC	369.29	596.44	505.5
PC38:4	DLPC	272.95	410.96	366.37
PC38:5	DLPC	777.395	978.36	971.66
PC38:6	DLPC	651.875	751.545	800.82
PC40:0	DLPC	22.115	40.355	33.97
PC40:1	DLPC	58.965	86.615	90.01
PC40:2	DLPC	115.325	166.96	182.96
PC40:3	DLPC	51.105	90.425	75.5
PC40:4	DLPC	19.41	57.675	30.7
PC40:5	DLPC	66.575	97.785	97.82
PC40:6	DLPC	217.98	302.35	296.75
PC42:0	DLPC	3.96	8.145	6.57
PC42:1	DLPC	23.99	36.375	31.85
PC42:2	DLPC	56.195	75.575	75.19
PC42:3	DLPC	17.445	29.475	28.95
PC42:4	DLPC	6.015	11.295	9.51
PC42:5	DLPC	5.505	17.32	11.63
PC42:6	DLPC	9.48	22.42	16.25
PC44:0	DLPC	0.495	2.53	1.15
PC44:1	DLPC	2.805	5	4.5
PC44:2	DLPC	8.475	14.655	14.25
PC44:3	DLPC	5.225	8.745	7.76
PC44:4	DLPC	1.32	5.87	2.7
PC44:5	DLPC	1.61	13.535	3.83
PC44:6	DLPC	1.925	19.575	4.83
PE(O-)30:0	PE31:1	13.06	10.15	13.25
PE(O-)30:1	PE31:1	5.025	5.915	5.83
PE(O-)32:2	PE31:1	47.88	48.835	46.25
PE(O-)32:5	PE31:1	NA	NA	NA
PE(O-)34:0	PE31:1	214.29	223.31	173.3
PE(O-)34:1	PE31:1	1288.77	1308.735	1272.26
PE(O-)34:2	PE31:1	654.35	663.42	640.48
PE(O-)34:3	PE31:1	70.45	80.865	75.88
PE(O-)34:4	PE31:1	127.99	131.45	154.64

PE(O-)34:5	PE31:1		13.32	12.025	13.33
PE(O-)36:3	PE31:1		189.99	203.185	186.89
PE(O-)36:4	PE31:1		104.215	91.9	97.32
PE(O-)36:5	PE31:1		146.915	154.925	150.17
PE(O-)36:6	PE31:1		104.56	105.355	106.05
PE(O-)38:4	PE31:1		205.85	243.49	230.25
PE(O-)38:5	PE31:1		287.07	298.615	341.52
PE(O-)38:6	PE31:1		317.3	349.78	376.41
PE(O-)40:6	PE31:1		127.145	137.16	143.93
PE28:0	PE31:1		11.075	7.235	12.64
PE28:1	PE31:1		12.71	7.615	9.99
PE28:2	PE31:1		0.715	2.335	2.03
PE28:3	PE31:1		0.92	NA	NA
PE28:4	PE31:1	NA		NA	1.02
PE28:5	PE31:1		2.92	1.445	2.44
PE28:6	PE31:1	NA		NA	NA
PE30:0	PE31:1		196.41	172.125	155.19
PE30:1	PE31:1		221.04	176.02	194.71
PE30:2	PE31:1		3.685	4.63	3.25
PE30:3	PE31:1	NA		NA	NA
PE30:4	PE31:1		2.51	NA	2.36
PE30:5	PE31:1	NA		NA	NA
PE30:6	PE31:1	NA		NA	1.16
PE32:0	PE31:1		1436.485	1339.805	1310.92
PE32:1	PE31:1		10985.06	10463.915	10123.77
PE32:2	PE31:1		3746.745	3558.615	3621.94
PE32:3	PE31:1		14.74	15.485	16.17
PE32:4	PE31:1		5.83	4.965	4.87
PE32:5	PE31:1	NA		NA	NA
PE32:6	PE31:1		11.485	13.835	9.42
PE34:0	PE31:1		1956.24	1929.245	1871.37
PE34:1	PE31:1		31161.19	30617.58	29330.05
PE34:2	PE31:1		35193.06	34677.085	33801.34
PE34:3	PE31:1		744.63	769.93	735.9
PE34:4	PE31:1		215.825	193.685	206.17
PE34:5	PE31:1		62.29	66.355	63.84
PE34:6	PE31:1		9.92	11	7.8
PE36:0	PE31:1		1010.615	1137.41	1125.87
PE36:1	PE31:1		16774.04	17773.5	16933.62
PE36:2	PE31:1		53966.69	55781.025	61957.49
PE36:3	PE31:1		3548.03	3949.63	3979.8
PE36:4	PE31:1		2172.11	2233.88	2211.31
PE36:5	PE31:1		1207.21	1318.07	1269.9
PE36:6	PE31:1		139.355	159.315	171.16
PE38:0	PE31:1		101.745	113.955	113.58
PE38:1	PE31:1		321.385	333.75	317.94

PE38:2	PE31:1	1153.185	1294.385	1155.97
PE38:3	PE31:1	1010.435	1139.495	1096.62
PE38:4	PE31:1	5587.985	6299.325	6619.01
PE38:5	PE31:1	6743.955	7794.375	7623.83
PE38:6	PE31:1	2028.01	2438.095	2370.18
PE40:0	PE31:1	20.005	31.12	32.68
PE40:1	PE31:1	138.695	146.88	197.63
PE40:2	PE31:1	371.21	371.235	431.27
PE40:3	PE31:1	118.575	137.605	134.97
PE40:4	PE31:1	211.13	253.395	303.64
PE40:5	PE31:1	1253.605	1407.005	1674.21
PE40:6	PE31:1	3457.01	3960.055	4134.11
PE42:0	PE31:1	9.34	15.43	12.33
PE42:1	PE31:1	77.57	110.11	127.54
PE42:2	PE31:1	126.385	157.71	191.88
PE42:3	PE31:1	38.815	44.35	50.5
PE42:4	PE31:1	46.69	57.07	59.42
PE42:5	PE31:1	83.265	110.755	130.62
PE42:6	PE31:1	46.51	75.675	76.03
PE44:0	PE31:1	NA	3.47	2.64
PE44:1	PE31:1	2.44	6.335	5.22
PE44:2	PE31:1	12.77	16.355	21.12
PE44:3	PE31:1	6.02	10.385	11.69
PE44:4	PE31:1	26.405	34.765	42.11
PE44:5	PE31:1	68.955	88.78	105.65
PE44:6	PE31:1	28.89	47.465	48.54
PI(O-)30:0	PI31:1	24.6	20.175	17.085
PI(O-)30:1	PI31:1	441.385	446.23	389.805
PI(O-)30:2	PI31:1	97.175	121.385	82.055
PI(O-)30:3	PI31:1	1.985	3.235	4.38
PI(O-)30:5	PI31:1	23.905	10.97	12.255
PI(O-)30:6	PI31:1	78.135	59.635	35.235
PI(O-)32:2	PI31:1	149.77	190.315	168.215
PI(O-)32:3	PI31:1	9.12	8.205	12.22
PI(O-)32:4	PI31:1	3.885	1.965	3.64
PI(O-)32:5	PI31:1	5.19	4.22	4.6
PI(O-)32:6	PI31:1	7.965	9.625	6.1
PI(O-)34:2	PI31:1	177.74	168.415	194.47
PI(O-)34:5	PI31:1	0.885	1.46	1.82
PI(O-)34:6	PI31:1	28.585	30.2	29.095
PI(O-)36:1	PI31:1	823.96	863.745	914.51
PI(O-)36:2	PI31:1	532.455	595.89	646.35
PI(O-)36:3	PI31:1	23.425	24.415	23.675
PI(O-)36:4	PI31:1	1.63	1.575	4.105
PI(O-)36:5	PI31:1	1.605	1.765	2.02
PI(O-)38:1	PI31:1	138.25	118.34	125.21

PI(O-)38:2	PI31:1	452.14	343.855	385.345
PI(O-)38:3	PI31:1	120.05	87.025	104.905
PI(O-)38:4	PI31:1	29.675	32.155	40.785
PI(O-)38:5	PI31:1	24.02	28.89	41.57
PI(O-)40:2	PI31:1	119.16	122.095	127.975
PI(O-)40:3	PI31:1	87.505	122.945	111.125
PI(O-)40:4	PI31:1	21.39	23.275	21.285
PI(O-)40:5	PI31:1	16.99	15.5	11.315
PI(O-)42:1	PI31:1	12.625	13.63	18.295
PI(O-)42:2	PI31:1	50.19	35.87	51.06
PI(O-)42:3	PI31:1	19.06	16.37	25.875
PI(O-)42:6	PI31:1	80.69	72.765	64.395
PI(O-)44:1	PI31:1	4.925	3.28	5.81
PI(O-)44:4	PI31:1	4.69	4.915	7.075
PI28:0	PI31:1	22.4	23.76	10.06
PI28:1	PI31:1	96.56	97.535	80.68
PI28:2	PI31:1	16.185	14.53	17.29
PI28:3	PI31:1	9.59	12.2	10.895
PI28:4	PI31:1	1.86	2.25	3.265
PI28:5	PI31:1	3.29	4.38	3.125
PI28:6	PI31:1	26.52	28	18.755
PI30:0	PI31:1	97.9	69.395	81.025
PI30:1	PI31:1	662.255	825.93	664.245
PI30:2	PI31:1	220.94	255.325	269.265
PI30:3	PI31:1	2.32	4.33	3.25
PI30:4	PI31:1	2.625	1.375	1.91
PI30:5	PI31:1	2.57	2.35	3.61
PI30:6	PI31:1	8.235	5.45	4.69
PI31:1	PI31:1	10000	10000	10000
PI32:0	PI31:1	554.555	571.53	609.69
PI32:1	PI31:1	2874.87	2724.13	2827.57
PI32:2	PI31:1	864.295	881.785	832.875
PI32:3	PI31:1	4.705	5.94	6.94
PI32:4	PI31:1	0.37	0.54	1
PI32:5	PI31:1	0.445	0.435	0.71
PI32:6	PI31:1	3.125	3.07	7.845
PI34:0	PI31:1	2203.905	2474.485	2570.12
PI34:1	PI31:1	29599.2	31264.74	31389.435
PI34:2	PI31:1	22649.215	20317.805	21217.08
PI34:3	PI31:1	222.43	187.34	190.665
PI34:4	PI31:1	2.64	3.065	2.41
PI34:5	PI31:1	0.43	0.77	1.6
PI34:6	PI31:1	8.8	11.86	8.54
PI36:0	PI31:1	1180.54	1407.2	1561.115
PI36:1	PI31:1	25390.07	26084.05	27783.08
PI36:2	PI31:1	26668.74	26611.5	27974.935

PI36:3	PI31:1	1442.075	1206.225	1243.085
PI36:4	PI31:1	134.18	154.18	133.675
PI36:5	PI31:1	52.315	39.985	44.095
PI36:6	PI31:1	78.925	72.69	56.185
PI38:0	PI31:1	340.32	353.72	353.225
PI38:1	PI31:1	1048.88	1077.765	1125.11
PI38:2	PI31:1	2532.545	2466.72	2687.145
PI38:3	PI31:1	2129.595	1999.345	2066.23
PI38:4	PI31:1	2825.775	2579.06	2767.205
PI38:5	PI31:1	1526.13	1284.48	1323.13
PI38:6	PI31:1	158.62	152.685	160.57
PI40:0	PI31:1	249.975	242.62	252.445
PI40:1	PI31:1	383.63	332.135	342.92
PI40:2	PI31:1	561.545	585.54	558.55
PI40:3	PI31:1	438.19	383.795	411.02
PI40:4	PI31:1	117.56	155.655	140.935
PI40:5	PI31:1	321.54	352.355	347.13
PI40:6	PI31:1	354.32	382.91	384.305
PI42:0	PI31:1	13.36	18.83	25.31
PI42:1	PI31:1	78.525	49.815	61.805
PI42:2	PI31:1	244.455	240.795	238.205
PI42:3	PI31:1	211.255	233.77	268.35
PI42:4	PI31:1	23.41	25.88	31.82
PI42:5	PI31:1	4.385	3.82	5.235
PI42:6	PI31:1	6.275	8.8	4.225
PI44:0	PI31:1	13.245	16.83	11.395
PI44:1	PI31:1	23.02	27.295	35.205
PI44:2	PI31:1	32.405	22.295	28.785
PI44:3	PI31:1	32.545	18.555	27.275
PI44:4	PI31:1	23.925	20.825	25.215
PI44:5	PI31:1	23.2	21.95	18.04
PI44:6	PI31:1	12.55	11.265	14.165
PS(O-)30:0	PS31:1	2.325	3.1	6.36
PS(O-)30:1	PS31:1	0.57	1.54	0.66
PS(O-)30:2	PS31:1	NA	NA	NA
PS(O-)30:6	PS31:1	NA	NA	NA
PS(O-)32:2	PS31:1	2.035	4.485	5.6
PS(O-)34:0	PS31:1	87.26	95.99	94.73
PS(O-)34:1	PS31:1	567.445	540.045	539.23
PS(O-)34:2	PS31:1	80.41	74.905	60.815
PS(O-)34:3	PS31:1	20.83	18.715	18.395
PS(O-)34:5	PS31:1	NA	0.265	NA
PS(O-)36:0	PS31:1	134.365	119.09	128.76
PS(O-)36:1	PS31:1	851.755	771.835	834.65
PS(O-)36:2	PS31:1	341.255	258.16	231.74
PS(O-)36:3	PS31:1	8.09	7.085	12.165

PS(O-)36:4	PS31:1		5.425		3.66		4.24
PS(O-)36:5	PS31:1		3.54		2.195		0.705
PS(O-)38:0	PS31:1		37.21		30.655		30.96
PS(O-)38:1	PS31:1		256.425		171.48		176.375
PS(O-)38:2	PS31:1		58.42		60.595		65.435
PS(O-)38:3	PS31:1		9.635		6.855		7.58
PS(O-)38:4	PS31:1		12.73		6.88		10.355
PS(O-)38:5	PS31:1		11.805		11.105		11.76
PS(O-)38:6	PS31:1		27.76		23.615		24.365
PS(O-)40:1	PS31:1		27.605		23.86		22.43
PS(O-)40:2	PS31:1		41.595		40.485		36.59
PS(O-)40:5	PS31:1		22.82		12.375		17.38
PS(O-)40:6	PS31:1		22.52		21.79		18.865
PS(O-)42:2	PS31:1		22.005		22.82		14.665
PS(O-)44:6	PS31:1		0.4		0.27		0.095
PS28:0	PS31:1		0.185		0.14		0.195
PS28:1	PS31:1	NA			0.105	NA	
PS28:2	PS31:1		0.15		0.46		0.595
PS28:3	PS31:1	NA		NA		NA	
PS28:4	PS31:1	NA		NA		NA	
PS28:5	PS31:1	NA		NA		NA	
PS28:6	PS31:1	NA		NA		NA	
PS30:0	PS31:1		22.6		21.325		16.17
PS30:1	PS31:1		14.045		11.64		12.665
PS30:2	PS31:1	NA		NA		NA	
PS30:3	PS31:1	NA		NA		NA	
PS30:4	PS31:1	NA		NA		NA	
PS30:5	PS31:1	NA		NA		NA	
PS30:6	PS31:1	NA		NA		NA	
PS31:1	PS31:1		33000		33000		33000
PS32:0	PS31:1		292.185		295.51		294.82
PS32:1	PS31:1		1500.235		1474.615		1418.285
PS32:2	PS31:1		16.61		19.145		19.315
PS32:3	PS31:1		0.16	NA		NA	
PS32:4	PS31:1	NA		NA		NA	
PS32:5	PS31:1		0.205		0.05		0.93
PS32:6	PS31:1		12.61		14.065		14.595
PS34:0	PS31:1		838.945		725.43		686.015
PS34:1	PS31:1		12414.485		11687.495		11613.245
PS34:2	PS31:1		2431.05		2041.395		1894.2
PS34:3	PS31:1		18.005		13.235		13.1
PS34:4	PS31:1		13.35		11.8		17.075
PS34:5	PS31:1	NA			0.24		0.2
PS34:6	PS31:1		2.655		3.485		3.18
PS36:0	PS31:1		980.265		975.65		986.81
PS36:1	PS31:1		19437.825		16684.755		15950.54

PS36:2	PS31:1	8301.565	7052.435	7270.37
PS36:3	PS31:1	173.14	143.06	123.55
PS36:4	PS31:1	161.92	131.585	129.51
PS36:5	PS31:1	32.925	20.45	21.295
PS36:6	PS31:1	7.8	5.95	6.42
PS38:0	PS31:1	53.32	38.76	40.08
PS38:1	PS31:1	419.045	358.03	367.175
PS38:2	PS31:1	804.37	693.435	747.425
PS38:3	PS31:1	135.385	136.06	115.805
PS38:4	PS31:1	414.805	256.13	282.635
PS38:5	PS31:1	207.55	149.655	164.765
PS38:6	PS31:1	46.28	34.395	29.625
PS40:0	PS31:1	23.36	24.51	19.99
PS40:1	PS31:1	388.115	320.635	331.435
PS40:2	PS31:1	633.145	583.38	655.415
PS40:3	PS31:1	55.21	55.21	53.41
PS40:4	PS31:1	66.7	55.705	60.985
PS40:5	PS31:1	377.98	354.54	350.63
PS40:6	PS31:1	617.52	483.385	540.22
PS42:0	PS31:1	7.18	9.455	9.035
PS42:1	PS31:1	148.24	136.775	142.685
PS42:2	PS31:1	260.26	225.59	257.42
PS42:3	PS31:1	33.12	24.865	22.225
PS42:4	PS31:1	7.875	3.715	3.07
PS42:5	PS31:1	10.705	9.235	9.39
PS42:6	PS31:1	11.05	10.69	4.8
PS44:0	PS31:1	0.12	0.23	NA
PS44:1	PS31:1	0.115	1.475	0.155
PS44:2	PS31:1	10.365	9.05	7.905
PS44:3	PS31:1	0.68	1.11	0.26
PS44:4	PS31:1	0.285	1.185	0.42
PS44:5	PS31:1	3.475	1.955	2.025
PS44:6	PS31:1	3.665	3.67	3.935
SM32:0	C12SM	0.765	0.635	0.615
SM32:1	C12SM	17.38	14.885	15.21
SM32:2	C12SM	0.225	0.215	0.17
SM34:0	C12SM	20.64	16.045	20.395
SM34:1	C12SM	231.88	199.42	224.265
SM34:2	C12SM	2.84	2.42	2.115
SM36:0	C12SM	67.88	67.04	56.92
SM36:1	C12SM	22.365	20.305	23.86
SM36:2	C12SM	1.265	1.225	0.975
SM38:1	C12SM	16.92	23.11	20.935
SM38:2	C12SM	1.36	1.42	1.325
SM38:3	C12SM	0.045	0.03	0.07
SM40:0	C12SM	4.745	6.175	5.325

SM40:1	C12SM	40.195	39.96	34.32
SM40:2	C12SM	26.2	19.965	21.955
SM40:3	C12SM	0.715	0.52	0.48
SM42:0	C12SM	3.81	2.755	3.26
SM42:1	C12SM	97.56	82.405	87.205
SM42:2	C12SM	603.185	440.375	406.93
SM42:3	C12SM	29.355	25.235	23.565
SM44:0	C12SM	0.095	0.07	0.055
SM44:1	C12SM	0.28	0.19	0.155
SM44:2	C12SM	1.155	0.93	0.86
SM44:3	C12SM	0.245	0.2	0.265

ELOVL5_1	ELOVL5_2	ELOVL5_3	ELOVL6_myriocin_1	ELOVL6_myriocin_2
34250	34250	34250	34250	34250
5000	5000	5000	5000	5000
5000	5000	5000	5000	5000
1000	1000	1000	1000	1000
4.33	9.74	10.765	2.295	2.895
74.59	63.48	52.295	12.3	12.98
1.71	2.615	2.545	0.855	0.62
106.28	77.365	56.025	16.26	12.475
250.935	266.815	237.42	45.635	54.99
2.52	3.035	3.925	0.905	1.495
86.34	58.92	69.255	11.815	21.495
11.38	5.925	4.495	1.59	2.355
3.53	1.775	2.245	1.73	1.725
41.89	24.225	30.625	15.365	13.265
39.79	34.12	22.8	2.145	13.12
24.43	32.63	30.295	1.285	1.91
235.78	200.93	243.54	21.99	29.395
97.41	82.32	108.89	6.5	5.345
304.97	204.245	265.49	103.84	97.945
104.31	108.92	154.83	4.1	4.46
510.935	471.79	421.335	40.835	38.995
1063.04	937.615	1121.74	123.23	148.795
1689.685	1533.74	1528.38	234.36	260.16
1.42	0.525	2.065	0.545	NA
15.125	13.01	16.395	4.285	4.735
16.47	8.69	6.525	1.045	0.75
76.395	52.115	63.665	8.645	15.815
19615.2	17221.545	9605.345	21.845	4254.865
14.375	7.82	11.7	9.28	6.37
159.81	108.325	150.22	11.455	11.225
63.175	53.035	44.71	14.145	16.295
5.17	7.15	4.675	0.315	2.09
16.99	11.995	9.755	3.12	4.095
4.29	3.395	2.625	0.945	1.645
38.405	23.15	21.08	21.41	20.96
118.305	97.41	99.18	91.255	93.66
273.9	191.55	189.445	180.87	180.265
NA	NA	NA	NA	NA
2.095	1.42	1.975	2.235	1.875
2008.255	1639.625	1554.17	1381.205	1306.645
2433.07	1839.045	1802.77	1656.81	1513.26
6.47	5.16	7.2	7.94	7.98
NA	NA	NA	NA	NA
283.21	289.855	303.07	322.86	343.3
143.26	121.88	137.78	133.55	156.545

	111.57	84.365	99.06	92.57	103.475
	22.785	18.955	24.1	24.72	22.525
	3.805	7.16	6.835	8.9	12.48
	1.555	0.73	0.745	0.72	0.28
	0.94	1.125	0.42	0.34	NA
	2.495	2.345	2.545	2.265	2.89
NA	NA	NA	NA	NA	
	3.68	1.765	2.02	4.53	5.4
	93.19	55.895	58	77.93	75.68
NA	NA	NA	NA	NA	
	1347.29	688.93	695.765	735.725	771.145
	3.67	0.915	1.46	0.765	3.255
NA	NA	NA	NA	NA	
	77.305	66.19	58.28	76.815	74.16
	289.05	181.63	195.97	219.35	223.515
	67.785	46.885	44.07	58.71	63.935
NA	NA	NA	NA	NA	
	9.03	10.215	11.295	8.87	11.81
	13.995	10.795	11.165	11.63	14.68
	10.42	7.105	11.15	17.16	16.195
	7.88	8.915	8.845	4.545	6.28
NA	NA		0.265	NA	NA
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	89.305	46.62	50.295	59.83	80.835
	3.15	1.32	0.8	1.51	NA
	38.53	32.775	31.87	36.76	35.29
	3.165	1.685	3.51	2.37	3.345
	9.33	4.055	4.02	5.365	6.995
NA	NA		1.28	3.19	1.99
	4.56	3.105	1.675	2.865	1.685
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	0.425	NA	NA	NA	NA
	2.555	1.17	0.55	0.895	0.895
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	

NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
1.435	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA		0.24 NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
0.475	0.99	NA		1.64 NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
1.725	NA	NA		1.27 NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	19.495	13.875	16.675	23.965	15.18
	4.58	4.065	2.67	1.935	4.955
	1.76	1.905	1.75	0.85	1.445
	16.94	14.515	16.925	7.985	10.815
	1.37	1.255	1.865	1.21	2.83
	8.96	6.405	9.59	3.385	6.165
	5.12	5.985	3.145	2.64	4.94
	95.575	83.09	62.765	9.875	33.555
	31.235	20.72	22.735	17.32	15.75
	86.05	55.225	55.83	16.285	16.14
	6.39	4.8	9.555	1.93	2.495
	209.365	143.64	147.205	102.025	110.04
	11.32	8.03	9.54	3.74	3.785
	4000	4000	4000	4000	4000
NA	NA	NA	NA	NA	
	4.47	2.67	4.105	1.505	2.68
	1.07	0.975	0.68	1.88	1.655
	8.35	6.495	6.58	5.535	5.275
	4.54	5.275	4.35	2.96	2.57
	18.1	11.59	13.91	4.34	7.27
	3.39	3.005	2.85	2.11	1.33
	89.92	85.5	89.2	24.2	26
	2.39	2.465	1.485	2.4	1.925
	14.95	12.835	13.805	4.455	3.485
	2.3	2.985	2.085	1.275	1.735
	8.21	5.82	6.12	1.585	1.99
	3.83	2.91	4.46	1.37	2.385
	99.98	86.455	93.74	12.355	10.425
	57.09	56.755	53.7	19.355	18.36
	202.15	178.25	197.57	23.015	24.375
	548.49	452.76	476.45	111.105	107.82
	25.32	19.65	22.42	7.195	5.975
	2.91	2.345	2.835	3.225	3.99
	3.6	4.04	4.575	5.52	8.48
	1.03	1.185	1.43	1.96	2.37
	2.75	2.49	4.3	3.73	4.4
	3.85	4.35	2.285	2.195	2.475

4.88	7.05	6.15	2.735	3.475
8.86	9.9	7.925	4.58	3.415
4.93	3.885	3.89	4.025	5.22
0.39	0.59	0.51	0.26	0.305
0.09	0.245	0.07	0.075	0.165
85.19	99.27	93.485	63.995	98.71
74.49	62.44	50.86	26.88	35.925
0.82	0.83	0.73	0.47	0.66
12.85	16.535	15.39	11.285	9.275
186.71	181.37	172.025	123.7	156.335
2.17	2.03	1.72	2.105	3.06
0.41	0.74	1.065	0.365	0.525
6.26	5	5.865	8.31	6.855
2.37	2.225	2.19	3.54	4.03
0.47	0.9	0.96	0.255	0.495
0.44	0.535	0.57	0.535	0.495
0.43	0.405	0.37	0.645	0.59
5.8	6.01	6.555	1.66	5.97
4.72	3.595	3.995	4.16	6.905
NA	NA	NA	NA	NA
115.1	107.695	88.445	56.545	72.11
240.98	148.915	125.97	73.955	126.41
NA	NA	0.575	NA	NA
103.76	129.08	112.29	43.09	42.775
798.33	649.525	530	433.48	601.34
22.26	21.965	15.17	11.835	27.235
1.87	1.845	1.87	1.34	NA
61.11	97.41	44.16	81.705	36.88
4.68	8.77	5.495	9.47	19.375
3.19	2.515	4.19	3.155	2.75
3	1.53	1.945	4.975	2.94
5.28	4.01	3.5	4.745	6.305
1.995	2.65	0.435	1.095	1.015
5.68	3.55	5.125	1.785	1.96
16.58	19.825	9.295	5.575	9.475
10.85	16.21	12.64	23.99	25.905
49.14	56.285	30.2	28.1	22.03
14.2	17.81	3.775	6.105	3.95
138.665	126.08	104.285	130.725	164.54
77.15	74.135	60.545	69.24	80.12
3.65	2.795	3.035	2.95	4.055
2.485	1.825	NA	4.2	1.01
0.935	2.8	1.18	3.54	6.145
6.49	5.405	2.405	10.805	27.025
2.65	2.565	1.335	0.84	1.74
7.15	7.925	1.56	3.71	3.78

9.57	5.6	2.995	4.29	1.91
NA	NA	0.07	0.085	NA
21.81	44.44	27.28	27.64	24.75
NA	NA	0.09	0.12	NA
1.81	3.255	3.26	7.49	3.72
1.91	3.52	5.445	2.19	2.955
NA	NA	NA	NA	NA
13.5	14.37	10.32	18.165	14.385
17.03	29.405	18.36	21.115	28.81
NA	0.33	NA	0.09	NA
NA	NA	0.13	0.075	NA
0.31	0.225	0.295	1.11	0.275
NA	NA	NA	NA	0.375
NA	NA	NA	NA	NA
NA	0.295	NA	0.62	0.805
NA	NA	NA	NA	NA
7851.42	7191.18	6862.23	15755.395	16102.685
1120.83	1055.385	983.695	2094.36	2104.685
29.22	23.96	23.015	25.725	26.925
3.19	2.285	2.365	1.67	2.06
1.18	1.1	1.085	0.475	0.64
1.86	1.865	2.115	1.605	2.025
63.36	49.26	47.435	101.66	102.385
50244.81	52256.76	43835.96	67398.525	62299.575
40029.7	42743.465	35717.19	45204.1	45778.66
3922.78	4281.51	3654.455	3548.395	3572.22
48.38	51.315	43.295	38.25	38.66
4.09	4.92	4.22	3.35	4.305
23.45	20.355	19.965	27.745	29.4
1352.99	1139.125	1074.48	2137.65	2149.39
14324.23	15062.24	12100.01	12734.95	13241.28
96043.42	94350.6	74141.545	119622.885	119482.63
26380.17	30471.15	22716.35	28197.86	28785.335
2314.83	2493.99	2037.765	2862.045	2998.715
48.16	51.79	42.35	43.22	47.835
85.32	83.035	80.46	87.595	93.315
999.74	1030.44	890.77	634.57	718.22
8555.49	9584.625	7590.98	7310.515	7439.41
16255.98	18027.61	14634.525	20138.56	21189.175
3369.9	3824.405	3088.52	7294.675	7464.205
807.35	1047.32	919.7	1923.13	2203.475
430.16	599.265	531.725	639.285	736.175
424.35	505.935	431.795	345.575	363.55
600.69	673.605	552.195	550.47	547.49
1022.35	1053.575	871.705	1920.815	1885.885
349.76	380.515	292.78	1087.485	1190.61

430.36	537.36	480.485	871.615	926.88
2051.12	2618.42	2132.415	3491.9	4250.23
1479.23	1878.165	1554.305	2122.695	2519.16
133.32	154.63	119.37	141.015	206.665
87.66	131.13	89.295	178.21	389.86
52.82	70.28	49.055	97.175	115.98
165.62	197.945	157.25	274.285	311.8
562.86	727.335	587.265	1269.045	1247.785
15.19	16.345	16.81	21.625	26.645
24.65	25.215	25.465	31.29	37.11
23.54	44.335	45.145	35.375	55.065
21.17	33.11	41.235	18.835	42.88
17.8	31.485	27.53	19.67	26.62
30.11	45.865	38.01	36.98	49.33
3.14	4.73	6.435	3.38	6.485
4.99	8.125	9.015	6.65	9.185
5.3	12.475	16.7	6.66	12.595
5.09	10.12	13.25	7.035	16.07
9.14	18.035	20.69	8.835	39.66
7.27	18.095	18.675	6.875	49.16
1217.59	1039.155	972.035	2332.735	2267.21
276.47	232.505	218.17	79.295	88.675
6.72	5.63	6.5	2.76	3.14
0.4	0.785	0.745	0.39	0.765
0.3	0.425	0.52	0.22	0.54
0.48	0.835	1.03	0.205	0.52
8.1	7.63	7.445	6.73	9.735
26426.17	26289.815	21610.18	45724.92	45090.355
12112.12	10746.525	9407.395	7650.935	7152.07
173.08	151.625	127.655	69.77	73.505
5.1	4.625	4.27	3.28	4.445
2.96	2.535	2.605	1.045	1.985
5.79	6.615	5.87	6.23	6.375
353.39	336.885	322.09	720.03	723.355
78299.58	87690.71	76047.755	69656.69	71497.73
171613.09	169750.69	164993.475	112712.42	121901.905
39891.49	38694.195	31829.1	9280.455	9837.025
142.66	158.91	132.43	57.325	60.085
5.35	6.855	5.865	3.445	3.975
34.48	38.845	32.64	31.71	34.485
2501.41	2583.025	2355.375	3391.87	3050.195
14270.45	15527.76	13484.28	13708.26	13681.215
219905.18	232971.575	187829.825	218699.095	200220.69
142200.16	151532.345	113417.135	87581.615	80431.905
3161.92	3247.075	2533.335	2285.89	2213.035
124.18	136.16	110.585	61.57	66.605

34.31	40.18	38.07	25.495	30.155
695.73	741.875	612.245	501.15	507.22
1113.77	1404.405	1157.63	1013.035	1047.83
16515.4	19220.425	15298.195	14709.36	14912.54
113557.29	121872.625	92587.87	104203.255	107160.5
6722.34	7053.305	5472.645	8560.545	8739.93
940.52	1129.94	989.165	925.695	1049.085
561.16	651.64	576.765	325.49	373.445
220.44	231.095	192.845	110.795	145.01
666.37	840.635	727.78	1128.685	1317.415
988.39	1125.835	999.805	1030.8	980.66
5487.05	5533.285	4700.95	5741.18	5103.34
946.56	963.15	828.865	1971.905	2048.64
383.68	483.66	405.085	506.255	569.745
1031.34	1271.175	1116.595	1049.72	1222.8
789.55	916.87	824.11	658.41	751.29
45.83	58.47	46.5	59.755	62.365
73.99	82.91	69.88	105.035	89.36
197.7	211.84	192.06	241.98	268.75
117.69	116.015	103.385	193.045	199.585
37.98	45.11	44.435	58.305	71.26
110.58	111.74	96.98	133.54	153.865
299.58	317.365	284.53	354.885	371.57
7.22	7.8	7.925	7.41	9.5
27.37	24.295	22.125	22.365	24.85
67.65	69.355	59.565	78.805	80.82
35.98	41.625	35.015	44.355	52.735
15.5	19.86	18.725	18.22	24.935
11.27	22.205	21.79	16.35	29.605
16.92	26.515	22.74	24.415	47.015
0.93	1.56	3.55	0.965	3.62
3.36	4.9	6.205	2.575	5.4
14.9	13.905	11.75	12.22	13.945
10.61	10.64	9.235	10.055	12.42
3.01	4.815	5.415	3.56	13.23
4.2	9.165	9.56	4.725	37.87
4.12	12.655	12.915	3.105	52.28
25.21	20.305	17.34	16.335	26.645
12.21	11.495	13.03	5.695	11.045
78.06	71.39	66.545	46.825	47.54
NA	NA	NA	NA	NA
459.08	334.43	314.425	209.27	270.395
2427.41	2030.27	1760.74	1264.54	1462
1248.39	1001.325	883.545	534.615	627.06
119.7	111.285	108.375	102.115	104.925
103.88	117.94	90.88	107.59	107.095

17.52	10.47	11.78	10.65	6.435
303.08	273.645	230.835	321.82	401.09
135.48	131.85	115.555	160.375	176.66
198.82	174.63	174.41	154.885	168.27
165.73	129.825	118.845	72.61	82.235
251.77	227.33	182.315	182.09	225.975
357.77	342.03	314.66	358.54	393.12
374.07	353.78	357.455	407.165	438.78
154.82	170.66	145.205	156.41	177.355
24.06	17.49	22.52	10.46	14.075
46.13	17.345	17.515	7.275	10.715
5.8	5.105	4	3.19	3.945
NA	1.65	NA	NA	NA
NA	NA	NA	NA	NA
1.95	1.655	2.41	1.38	1.745
NA	2.11	1.925	NA	NA
345.59	231.82	228.26	278.055	315.165
325.09	242.305	212.08	172.15	184.075
6.49	3.535	4.81	2.1	3.56
2.57	1.855	NA	NA	NA
4.54	3.27	2.33	1.14	2.63
NA	NA	NA	NA	NA
2.06	1.635	1.82	0.635	NA
2529.33	1909.335	1832.675	1196.365	1406.565
16467.76	11877.98	11372.03	9300.645	9643.52
6758.83	4930.875	4343.905	2211.13	2393.82
21.59	21.765	16.355	10.915	14.53
6.85	9.95	6.07	3.345	5.735
NA	0.855	0.675	NA	NA
15.14	15.57	12.755	15.95	15.53
3340.53	2370.955	2156.39	1289.795	1497.815
45082.34	34430.845	32098.36	22759.785	25083.805
56853.6	44783.87	38440.425	30130.8	32042.7
1234.42	1011.105	824.16	781.955	850.2
237.66	185.36	134.865	136.785	149.195
78.22	73.66	47.405	33.315	35.04
22.11	16.61	15.26	13.265	13.86
1376.44	1155.285	1116.75	520.56	560.245
24606.4	18602.87	17305.845	8954.535	10004.555
79745.11	66231.83	59033.56	58123.285	65103.17
5283.97	4226.7	3792.6	5082.505	5931.01
1905.15	1726.465	1496.43	1894.31	2048.71
1630.12	1171.94	1026.36	764.085	826.75
169.1	151.175	159.895	66.485	79.385
111.04	133.19	120.755	150.845	164.385
477.92	450.48	389.57	402.3	439.075

2052.59	1893.605	1562.755	2804.55	2988.16
1153.33	1097.79	1014.715	2009.49	2162.085
4747.57	4360.85	4252.245	3399.055	3779.02
6139.66	5839.905	5493.79	6466.5	6458.74
2019.84	2048.395	1780.3	1792.55	1821.84
33.42	22.415	21.19	23.795	28.15
143.84	113.76	109.15	84.15	86.475
535.85	450.51	397.36	509.185	502.605
181.75	162.865	148.245	256.61	292.08
252.3	278.84	240.98	304.695	374.485
1269.43	1256.315	1196.77	1356.75	1651.76
3915.09	3494.245	3362.955	3362.62	3732.32
7.38	5.49	4.815	5.615	8.075
54.68	45.33	43.28	27.745	34.215
205.01	167.485	135.185	167.38	197.73
49.54	56.915	50.055	62.21	77.13
48.4	49.47	35.625	63.205	53.755
98.69	115.225	102.54	172.545	163.705
75.38	72.59	62.175	131.43	123.615
2.31	0.705	2.35	1.42	3.18
4.84	3.275	3.765	2.835	5.56
20.64	18.955	16	19.49	22.245
8.16	9.405	9.935	10.52	9.105
15.22	15.525	15.46	20.255	25.115
49.94	67.575	57.21	121.695	132.965
34.85	41.66	40.25	48.325	72.785
22.645	22.66	23.05	34.62	29.03
713.18	523.47	526.955	732.485	826.695
151.195	120.695	117.15	122.855	120.335
6.8	5.935	5.16	5.885	7.135
23.795	12.745	10.305	10.455	16.21
64.52	41.67	44.815	52.25	60.3
338.04	223.37	202	282.745	317.34
12.92	9.47	8.515	17.815	15.55
4.53	5.195	4.42	6.155	2.26
10.105	6.705	7.9	7.01	7.66
10.18	9.83	14.305	16.83	7.715
370.64	213.475	247.965	162.395	194.19
2.7	3.375	2.075	1.15	2.685
38.165	33.93	46.155	41.71	37.885
1433.545	1142.35	1083.69	840.92	905.66
879.7	811.235	701.775	563.135	676.01
44.205	30.33	27.94	38.96	50.07
4.73	2.88	3.465	2.805	5.475
2.265	0.945	2.93	0.75	1.55
183.49	129.165	122.755	166.305	182.375

405.695	366.485	366.41	569.425	657.565
153.65	98.365	87.69	194.64	202.645
36.465	31.855	50.215	51.685	39.13
26.645	29.26	32.34	32.19	34.665
192.96	131.045	123.185	222.205	224.615
121.63	86.7	99.345	215.64	216.935
37.755	30.975	28.375	60.71	60.67
11.21	19.76	20.945	8.915	18.18
14.585	12.92	11.85	12.275	17.15
50.555	26.12	34.07	37.26	40.115
30.455	18.905	20.555	27.79	35.98
37.065	38.3	33.245	37.87	17.835
4.465	4.765	2.92	7.135	4.665
4.64	6.475	6.8	9.44	11.84
25.52	13.335	18.425	10.545	13.125
202.07	99.715	111.975	173.39	186.415
49.99	47.095	22.805	23.61	34.14
29.885	21.255	18.27	16.505	18.84
5.675	4.43	3.565	4.015	8.59
18.16	7.645	7.25	12.2	7.34
23.835	19.205	21.67	37.87	30.6
85.705	74.83	107.145	122	135.045
1513.33	925.58	828.555	936.3	1025.39
619.76	352.47	334.975	207.465	226.69
4.205	2.365	2.71	3.53	4.3
2.05	1.88	4.265	4.24	2.91
4.68	1.52	6.67	3.765	1.095
8.51	9.73	10.36	6.965	6.385
10000	10000	10000	10000	10000
824.945	782.16	834.69	975.32	1002.53
4280.04	3478.725	3512.805	3882.745	4410.655
1692.21	1392.11	1071.235	857.29	830.9
14.835	6.085	7.285	10.56	10.57
1.185	NA	0.59	1.855	NA
0.28	0.57	1.09	0.645	0.335
4.625	4.005	4.73	12.595	8.13
3874.08	3523.4	3205.955	2921.21	3506.435
46655.92	37187.02	36984.355	30988.67	37203.755
35492.165	26618.365	24952.23	19249.45	20287.39
465.82	337.75	285.305	471.05	522.805
4.565	4.9	3.39	4.33	2.825
1.76	0.695	1.67	1.19	1.05
18.975	22.42	19.97	10.2	18.34
1705.575	1341.675	1381.26	778.24	930.32
30629.595	22891.95	24116.445	14971.585	17927.16
33244.26	25355.035	24250.12	27502.375	31457.41

	1941.025	1382.115	1271.715	2466.875	2813.885	
	196.975	174.835	171.965	256.895	318.38	
	47.34	73.64	45.455	37.86	33.29	
	48.37	52.735	73.775	49.76	51.055	
	285.29	302.49	299.9	337.87	285.36	
	1171.905	1040.27	1090.83	1683.695	1851.75	
	3858.6	2955.515	2939.13	8226.945	8871.935	
	2945.84	2306.415	2322.265	5186.86	5721.495	
	3455.385	3032.32	3533.985	2338.525	2907.3	
	1591.33	1594.29	1579.175	1365.715	1448.325	
	181.585	157.1	160.005	143.065	118.66	
	130.54	149.92	150.505	149.455	112.35	
	260.99	281.915	233.805	349.885	280.13	
	671.6	619.625	645.99	886.74	918.45	
	485.505	416.8	423.44	693.205	707.79	
	155.58	124.915	115.445	307.04	294.535	
	245.28	221.87	211.775	371.985	413.62	
	272.4	229.35	271.025	345.6	404.62	
	13.2	12.425	11.62	16.99	14.6	
	34.175	45.445	41.305	81.2	57.035	
	282.78	203.03	213.44	173.945	194.005	
	285.04	235.935	220.475	254.655	261.885	
	28.04	33.015	18.105	22.08	32.205	
	3.71	4.335	3.305	7.555	5.655	
	7.08	2.78	3.935	6.68	2.515	
	3.845	8.775	10.44	11.485	5.875	
	27.575	24.19	21.655	31.61	17.615	
	19.995	25.7	28.82	29.91	24.785	
	31.78	21.795	26.235	52.735	48.22	
	21.685	18.355	24.935	45.88	37.15	
	26.93	21.255	19.52	20.385	23.735	
	8.39	10.25	14.115	15.785	11.495	
	10.84	13.315	6.54	10.05	7.205	
	0.74	2.895	0.69	0.575	0.45	
NA	NA	NA	NA	NA		
NA	NA	NA	NA	NA		
	4.37	4.56	4.26	5.105	8.265	
	262.76	227	192.52	113.56	121.04	
	981.19	821.59	702.115	695.92	727.045	
	117.39	82.11	87.96	101.71	104.52	
	17.33	26.285	17.77	21.975	19.945	
	0.69	0.135	0.495	NA	NA	
	220.94	231.93	183.795	73.505	101.47	
	1158.19	1164.305	1062.92	627.935	697.095	
	354.23	300.68	267.775	328.33	377.67	
	14.64	18.365	12.85	28.43	30.95	

	2.39	2.805	3.895	5.78	9.365
	5.43	4.07	3.795	4.56	4.44
	41.29	46.145	37.765	28.22	37.795
	291.84	300.94	260.235	250.33	266.42
	70.97	98.075	72.93	208.55	221.285
	5.56	9.88	7.89	21.78	17.675
	12.22	7.89	12.415	15.585	16.245
	17.42	11.125	13.635	24.525	33.56
	22	43.825	29.79	28.32	39.59
	50.96	29.18	27.825	28.03	39.58
	43.05	53.62	46.775	110.955	112.595
	7.04	14.84	9.88	15.52	13.995
	18.58	24.32	24.92	22.72	21.295
	29.64	19.67	23.275	28.065	32.66
NA	NA	NA		0.42	0.355
	0.2	0.4	NA	0.345	0.8
	0.27	NA	NA	NA	0.22
	0.56	0.53	0.675	NA	0.41
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA		0.12	NA	NA
	59.05	37.605	34.99	50.69	53.265
	14.28	12.135	12.175	14.9	16.025
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	0.18	0.145	0.235	NA	0.235
	33000	33000	33000	33000	33000
	1005.67	860.44	796.64	382.74	430.45
	1923.27	1538.67	1505.01	2033.615	2033.83
	21.75	13.91	22.575	8.61	11.62
NA		0.125	0.21	0.31	0.215
NA	NA	NA	NA	NA	
	2.26	2.735	0.75	0.465	4.255
	22.68	12.96	19.265	18.39	15.475
	1642.31	1653.19	1401.195	653.02	718.815
	18024.59	15036.665	13917.645	11016.715	11731.08
	2647.85	2372.925	2168.49	2516.41	2538.64
	27	13.275	17.98	19.21	23.955
	19.35	10.67	9.54	16.15	20.815
	0.18	0.09	0.215	NA	NA
	8.19	9.92	10.56	2.525	4.705
	1320.29	1342.375	1332.6	510.3	560.56
	23280.37	23007.505	21582.875	9349.995	10007.015

	9565.35	8841.785	7808.775	12007.56	12788.045
	154.81	180.775	158.42	318.99	356.545
	133.95	123.255	151.995	137.63	151.195
	16.72	19.265	21.785	27.305	23.435
	8.97	8.19	6.01	2.95	3.595
	57.15	62.395	53.08	34.37	52.81
	636.95	583.635	533.895	447.365	518.13
	1329.81	1195.295	1015.51	2658.625	2782.16
	183.24	191.875	179.135	497.155	470.95
	270.3	276.39	328.525	245.35	299.57
	131.27	141.07	139.265	252.92	254.135
	32.41	32.555	30.605	59.205	54.945
	18.17	24.915	17.06	8.33	11.52
	226.14	260.39	252.815	192.33	175.005
	648.45	701.365	640.275	1157.965	1231.28
	46.11	70.57	60.485	219.445	189.75
	54.54	58.21	71.315	75.555	84.82
	305.26	316.165	339.95	305.055	374.82
	470.32	449	433.94	415.53	436.39
	2.24	2.63	3.47	1.395	1.415
	55.79	59.41	67.365	61.51	66.825
	169.59	198.845	191.27	365.945	335.215
	31.13	34.485	31.5	67.39	61.52
	2.27	3.52	5.53	3.515	7.255
	6.33	5.745	7.06	13.57	21.87
	5.31	12.09	10.94	20.935	25.78
NA	NA		0.08	NA	NA
	0.23	0.405	0.73	0.54	0.265
	6.09	6.02	5.28	6.51	5.175
	1.21	0.915	0.855	4.58	2.095
	0.71	0.6	0.225	0.59	0.91
	0.7	0.65	0.63	1.915	3.205
	1.59	0.965	4.03	2.815	6.515
	20.965	17.975	14.795	1.175	1.455
	531.56	432.86	412.06	28.48	37.19
	3	2.285	2.24	0.455	0.535
	246.84	202.955	183.05	25.95	28.94
	4666.66	3933.93	3617.28	323.8	400.245
	22.14	19.21	17.475	4.055	4.705
	88.555	65.57	61.3	72.215	58.235
	233.805	184.46	174.645	15.39	15.915
	17.505	13.675	12.705	1.615	1.81
	69.26	52.69	51.53	17.125	14.065
	12.22	9.68	9.755	2.8	2.755
	0.185	0.26	0.215	0.1	0.125
	36.645	28.955	28.615	5.475	4.975

727.19	580.64	579.705	34.125	33.17
761.8	594	535.335	83.595	84.36
9.365	8.115	7.36	2.655	2.68
27.945	23.05	26.445	2.97	2.745
1261.935	926.51	1002.07	96.685	83.815
9788.205	7130.86	7961.28	1189.905	1136.02
356.92	269.595	289.435	84.695	80.49
0.81	1.1	0.465	0.155	0.215
4.675	3.26	2.775	0.415	0.46
22.91	18.42	18.83	2.305	2.385
5.135	4.135	4.19	0.52	0.505

ELOVL6_myriocin_3	ELOVL6_1	ELOVL6_2	ELOVL6_3	ETNK_myriocin_1
34250	34250	34250	34250	34250
5000	5000	5000	5000	5000
5000	5000	5000	5000	5000
1000	1000	1000	1000	1000
4.59	5.275	10.155	10.23	2.675
18.845	38.16	57.49	56.09	15.355
2.2	1.32	3.69	1.98	1.165
44.01	39.38	126.59	73.995	17.3
149.695	174.54	311.01	248.095	58.015
3.425	2.34	2.325	2.49	1.235
32.185	14.66	28.225	26.69	21.94
7.305	0.97	15.635	4.7	1.505
3.675	1.345	2.095	1.165	0.87
17.915	15.38	32.505	30.87	16.62
32.94	1.23	4.85	3.885	8.13
6.05	7.69	23.025	12.475	2.915
36.025	71.915	94.215	78.96	38.295
8.645	85.12	98.35	101.155	3.73
100.18	324.88	395.935	451.23	110.805
4.415	28.31	143.335	49.325	10.745
31.025	164.135	325.555	240.13	56.46
144.94	845.54	2060.98	1486.835	137.55
215.61	1851.275	2372.755	2493.7	273.87
0.425	NA	68.155	1.1	3.725
7.66	11.02	170.275	11.28	26.11
6.13	8.515	212.19	11.705	6.12
10.48	71.625	80.61	98.94	9.355
16424.24	19.765	48.175	61.395	1190.955
18.05	8.015	21.745	13.235	4.985
15.515	188.745	451.155	168.45	10.35
12.665	54.62	91.705	87.465	12.46
2.98	4.99	46.02	3.73	2.325
5.475	7.005	16.17	10.08	3.495
2.775	1.045	9.17	3.16	2.065
25.45	40.69	38.56	38.91	26.255
100.22	115.03	104.69	135.365	93.445
187.04	295.695	259.3	276.47	214.45
NA	NA	NA	NA	NA
1.99	2.705	3.525	3.34	2.53
1357.43	1609.285	1612.195	2001.9	1402.24
1672.08	1940.445	1963.82	2331.325	1630.2
6.4	10.13	11.07	12.89	9.42
NA	NA	0.12	NA	NA
359.66	297.09	356.135	459.805	257.785
157.045	122.395	146.235	193.075	128.67

	102.79	82.505	116.145	132.45	85.205
	30.71	16.175	26.88	32.46	15.29
	7.9	5.93	7.35	11.61	5.475
NA		0.68	1.11	0.965	3.1
NA		0.255	0.865	NA	1.535
	3.975	5.39	4.97	7.18	8.625
NA	NA	NA	NA	NA	
	6.285	8.12	8.5	8.13	10.34
	69.115	112.96	97.305	126.485	132.78
NA		1.07	1.385	0.48	1.65
	809.665	1003.16	906.355	1151.2	1454.495
	1.91	1.945	3.75	4.205	6.99
NA	NA	NA	NA	NA	
	81.02	87.135	82.295	99.76	123.755
	218.82	214.01	226.86	304.105	340.765
	70.715	65.18	68.275	70.38	104.88
NA	NA	NA	NA	NA	
	15.77	9.295	13.655	20.315	16.07
	11.505	8.535	15.81	14.635	20.125
	7.09	8.585	12.645	16.635	18.995
	4.625	8.79	8.065	14.665	5.235
NA	NA		0.745	0.35	0.685
NA	NA		0.14	NA	NA
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	71.54	86.945	92.525	97.97	241.445
	1.05	4.245	0.66	4.83	0.35
	48.365	49.485	49.705	73.535	120.125
	4.59	8	6.055	5.69	21.71
	9.045	5.59	12.645	15.495	22.895
	0.73	1.69	3.245	1.805	9.315
	1.59	3.53	4.125	4.355	5.695
NA	NA		0.34	0.23	0.635
NA	NA	NA	NA		0.41
NA	NA	NA	NA	NA	
NA		1.74	1.075	0.395	0.695
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	

NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA		0.21	0.51
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA		0.345	0.2	1.205
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA		0.265	0.64	0.545	1.44
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA		0.7	0.3	0.305
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	0.675	2.21	0.925	8.965	NA
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	0.82	1.465	NA	0.175	NA
NA		0.66	0.24	2.465	NA
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	

NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
15.41	7.915	18.22	16.605	23.215
4.85	1.455	5.76	3.49	3.645
2.545	1.67	NA	2.09	1.55
13.78	8.155	18.8	17.045	10.79
4.56	0.96	2.72	0.405	1.01
7.75	3.59	6.785	8.025	7.98
8.735	4.895	5.825	5.365	6.185
58.14	7.6	17.79	17.32	34.05
16.36	21.59	38.87	35.355	13.7
22.58	15.585	39.21	26.535	19.715
3.57	7.38	33.435	14.045	4.105
91.27	164.325	245.47	295.455	105.16
6.77	6.125	9.355	10.59	4.935
4000	4000	4000	4000	4000
NA	NA	NA	NA	NA
2.775	6.32	4.445	5.845	2.105
1.33	1.65	1.32	0.825	1.245
7.91	8.03	13.135	9.715	4.965
3.385	5.425	6.4	5.595	3.6
7.995	17.875	17.355	16.255	5.6
2.72	2.93	6.67	4.385	1.76
24.53	84.855	88.055	81.045	31.605
2.095	2.465	9.29	1.545	2.775
4.225	10.24	10.34	9.905	4.565
1.91	2.515	5.53	4.195	1.21
1.19	4.74	5.61	5.265	2.43
2.375	8.245	6.67	6.01	1.335
7.125	54.07	36.92	43.2	12.275
10.665	156.77	124.425	133.97	10.28
15.395	178.89	109.405	110.6	25.78
75.735	1163.945	939.29	889.47	121.98
3.99	31.905	27.195	28.175	3.315
3.89	3.785	3.88	3.27	3.29
6.11	5.035	7.805	7.77	4.93
1.555	0.665	3.245	2.68	2.24
4.15	2.15	3.21	2.61	1.99
2.245	2.855	3.83	3.31	2.36

4.44	3.06	3.96	2.355	1.81
4.27	14.755	14.18	14.985	3.225
6.25	4.855	4.27	4.14	3.19
0.48	0.355	0.355	0.495	0.195
0.16	0.095	0.175	0.15	0.15
83.91	75.485	79.725	88.28	108.385
31.64	27.84	36.67	29.84	25.955
0.64	0.485	0.73	0.58	0.565
8.035	12.635	14.87	19.73	15.52
127.095	117.745	147.525	145.38	258.75
2.375	2.045	2.605	2.44	2.375
0.535	0.565	0.395	0.715	0.65
5.19	11.17	9.58	14.19	8.885
3.365	3.91	4.35	5.24	3.44
0.575	0.5	0.335	0.785	0.525
0.71	0.755	0.745	1.085	0.865
0.33	0.765	0.97	0.85	1.24
8.99	4.835	5.185	5.635	2.33
9.41	4.755	6.64	5.165	5.02
NA	NA	NA	NA	NA
64.015	101.255	107.405	108.34	51.7
88.505	70.525	81.895	96.535	52.155
NA	0.545	NA	NA	NA
39.765	77.365	74.925	100.575	72.605
418.095	429.51	513.78	569.14	581.53
18.32	16.1	15.505	17.7	16.645
NA	2.34	2.07	3.975	1.485
18.955	110.395	113.055	192.985	35.48
11.71	13.51	10.74	17.08	10.175
5.9	2.85	2.555	3.965	3.49
1	7.46	6.97	10.195	5.26
5.01	8.33	5.86	10.22	8.2
0.69	0.35	0.495	NA	0.185
4.695	2.63	1.175	3.215	2.22
13.94	1.7	0.275	NA	4.095
27.515	9	13.025	16.37	21.23
28.915	17.71	15.87	17.17	19
7.07	1.98	NA	NA	4.455
149.095	58.57	68.815	88.57	282.49
79.82	39.67	50.52	82.865	184.52
3.055	7.26	3.015	5.47	3.075
2.38	2.17	1.89	1.35	1.82
6.605	3.64	2.015	3.675	9.58
31.255	21.11	13.81	26.535	34.52
1.145	NA	1.915	1.895	4.385
2.07	1.88	3.065	2.435	5.34

14.685	2.67	3.24	5.335	11.625
0.22	0.51	NA	NA	NA
33.785	32	22.25	34.54	16.98
NA	NA	NA	NA	NA
4.045	6.245	6.47	6.915	2.545
0.76	1.515	1.47	1.705	1.315
NA	NA	NA	NA	NA
16.825	8.15	9.56	8.64	17.94
23.675	28.34	14.81	33.105	33.695
NA	NA	0.14	NA	NA
0.66	NA	NA	NA	NA
1.27	0.975	0.91	1	0.34
NA	NA	NA	0.085	0.1
NA	NA	NA	NA	NA
1.43	0.25	0.4	0.61	0.695
NA	NA	NA	NA	0.315
16054.205	12537.88	14466.9	16283.425	14695.215
2072.85	1855.715	1937.28	2169.105	1389.99
24.57	26.905	26.425	31.38	21.305
1.915	2.58	2.605	3.14	1.825
0.715	0.855	0.91	1.135	0.585
1.565	1.915	2	2.74	1.37
106.53	114.6	106.74	130.71	42.63
59015.055	44066.31	53032.215	62640.51	70742.965
41453.8	37400.345	45590.005	49180.545	48168.69
3170.365	3233.19	3827.12	3937.455	3059.67
33.42	32.82	41.73	42.72	38.535
3.215	4.22	4.255	5.905	4.67
27.365	26.275	32.74	35.43	22.525
1965.365	2010.38	2310.68	2266.66	1187.195
11592.87	9590.36	13650.21	14360.015	22108.025
110512.865	87142.94	127204.1	128672.56	181742.335
25277.315	21449.275	29852.87	29171.445	34300.035
2551.745	2376.605	3276.92	3135.935	2491.975
43.2	38.375	53.165	59.66	45.93
88.51	71.08	102.365	116.655	96.515
645.985	679.83	753.785	863.66	1134.785
6803.59	6563.85	8830.12	9382.18	13935.815
17903.21	15090.95	20226.855	22728.525	48489.185
6502.86	5460.44	7260.565	8449.965	11362.235
1717.19	1485.065	2148.37	2460.81	2473.91
589.86	521.975	807.575	887.66	745.275
307.645	309.075	382.155	434.83	523.695
487.715	560.48	658.82	735.17	885.63
1579.96	1756.58	1940.935	2293.28	3454.005
915.865	945.105	1013.31	1461.975	1808.53

781.49	657.765	890.635	1088.31	1809.23
3342.755	2741.34	3962.715	4874.425	7422.76
1940.35	1798.915	2522.64	3046.58	3345.72
111.635	198.045	185.29	249.885	321.535
131.55	236.13	166.375	228.195	610.975
72.56	101.965	99.82	134.705	271.715
230.445	238.82	286.18	372.9	890.44
966.79	853.46	1338.83	1445.19	3065.175
16.825	27.59	25.65	37.13	31.68
28.585	32.32	30.27	40.985	64.64
25.95	53.42	33.93	64.34	62.62
15.105	47.24	21.815	41.9	38.1
13.185	27.555	23.07	32.605	38.55
33.075	44.76	41.935	63.015	87.92
3.75	6.42	3.8	7.535	6.875
6.465	11.295	6.535	13.385	13.225
9.93	13.945	8.12	20.83	15.74
7.1	16.415	10.36	16.63	11.9
9.56	20.475	12.915	23.71	11.065
6.6	19.75	8.215	16.66	13.815
2435.17	2789.345	2634.395	2610.695	885.295
86.81	213.98	215.435	250.045	47.87
2.765	5.855	6.25	6.775	2.68
0.405	0.855	0.72	0.685	0.58
0.605	0.42	0.3	0.39	0.365
0.615	0.635	0.455	0.605	0.42
10.195	7.235	9.195	11.44	6.955
44024.52	42953.045	51240.945	49462.415	24519.36
6779.24	11057.61	12072.12	11233.66	3438.775
73.335	116.21	109.42	115.115	50.415
3.635	4.685	4.77	5.36	3.185
0.96	1.67	1.495	2.665	1.015
6.085	5.555	4.85	7.77	6.23
726.95	563.06	595.625	704.135	644.685
77175.74	59162.625	81055.585	86524.86	57795.405
108557.175	123748.35	146110.11	159409.17	73841.555
8433.435	14038.475	16107.96	15715.755	4757.525
50.945	76.06	86.45	89.88	48.335
4.005	5.465	4.1	5.64	3.96
33.92	27.48	29.87	38.97	37.235
2950.015	2297.4	2616.795	3044.55	3380.1
11410.97	11707.63	15731.535	17040.175	16406.725
183779.675	199683.1	261402.12	286726.915	231476.12
70108.71	96034.7	116108.61	112918.235	56424
1772.18	2775.225	3393.48	3580.05	1152.25
55.48	79.765	104.82	114.845	42.58

	28.545	30.13	41.105	44.24	30.005
	474.92	450.045	567.585	633.195	816.255
	900.675	907.97	1100.51	1358.245	1684.455
	12771.105	13994.71	17848.935	19337.32	25570.755
	89076.845	107368.055	135079.965	141894.52	154976.605
	7140.1	10321.205	12706.83	12789.835	7099.51
	870.905	1153.035	1588.755	1766.9	840.485
	326.595	476.04	597.905	657	314.755
	119.46	173.925	169.675	190.865	143.715
	994.345	849.78	1118.655	1496.575	2268
	873.925	1071.18	1284.14	1498.655	1325.425
	4536.38	8535.955	10647.73	11417.7	6001.61
	1637.42	2519.7	2831.455	3563.55	1862.245
	454.165	618.795	805.89	947.315	606.63
	1007.635	1490.035	2055.56	2278.945	1186.375
	631.62	900.035	1095.06	1391.2	662.37
	43.105	64.915	66.665	82.83	149.98
	78.48	93.225	98.53	132.71	141.295
	205.925	294.3	356.07	444.89	430.035
	150.12	228.15	241.195	330.62	366.275
	50.465	80.825	84.23	113.27	92.43
	122.95	193.96	222.235	312.67	205.905
	288.025	504.35	602.18	760.165	424.935
	6.465	10.54	7.31	11.955	17.35
	18.575	25.08	22.26	32.38	38.1
	60.16	88.37	87.1	110.065	115.985
	32.635	61.46	57.755	84.65	112.5
	14.63	24.94	23.555	35.505	44.405
	12.045	31.15	24.49	33.875	26.88
	19.53	46.845	44.635	59.555	32.025
	0.905	3.465	0.85	3.455	2.655
	2.69	6.14	2.635	6.365	5.23
	10.685	16.22	14.24	22.21	16.855
	8.58	14.07	12.125	18.155	18.54
	2.87	8.14	4.195	8.845	8.28
	4.165	12.935	5.6	12.53	9.04
	2.96	16.735	5.94	14.45	6.5
	22.04	30.955	33.46	29.855	14.13
	7.645	12.92	13.03	9.87	7.64
	49.785	51.345	47.655	51.23	23.565
NA		0.65	NA	1.56	NA
	260.135	283.63	371.545	362.56	171.795
	1446.005	1626.6	1989.08	2058.2	1014.095
	606.97	692.34	847.845	820.48	313.76
	117.365	88.86	105.95	101.735	51.28
	119.445	109.205	140.505	154.99	147.215

12.225	8.555	9.26	19.235	4.335
387.505	308.79	352.08	419.43	295.485
160.325	133.145	183.225	216.565	153.6
176.135	123.56	241.285	225.12	131.855
93.065	73.965	100.025	106.76	56.945
205.25	194.645	240.94	289.195	288.41
408.265	250.3	407.755	476.05	529.18
452.33	290.39	422.025	495.92	455.46
179.95	150.83	203.7	249.07	227.04
13.63	23.55	20.945	25.985	8.05
9.56	16.405	11.45	19.06	7.36
5.565	2.625	2.305	4.125	2
0.885	0.385	NA	1.77	NA
NA	0.42	NA	1.255	NA
NA	1.235	4.4	3.425	2.895
NA	0.875	1.075	2	1.655
344.57	634.28	585.23	689.535	99.54
188.055	379.475	313.775	370.755	56.48
2.87	8.03	4.82	7.35	2.06
NA	1.775	1.01	0.555	NA
2.63	1.73	2.68	2.76	0.845
NA	NA	NA	NA	NA
1.42	2.51	3.94	2.37	NA
1507.975	2026.015	2305.08	2674.41	560.86
9790.41	13699.745	13023.465	14744.145	3297.8
2245.035	4178.845	3797.87	3841.715	437.255
11.625	24.87	21.205	24.41	4.875
3.74	11.33	7.36	9.515	2.095
NA	1.885	0.81	2.375	NA
18.96	17.58	18	18.485	9.425
1623.55	1787.175	2000.07	2391.935	1158.46
26198.59	28457.91	33776.465	37575.595	17270.73
30380.485	42335.925	46107.58	47093.64	11950.365
809.905	1232.335	1371.955	1380.11	246.71
142.94	182.295	247.66	272.405	60.76
34.075	53.88	82.15	70.905	11.925
17.1	15.23	16.47	26.96	9.39
613.2	501.735	703.9	805.24	922.705
10631.95	10321.865	13064.2	14319.775	14623.485
65782.885	70340.065	98807.705	88444.715	56748.32
5381.435	6138.855	7337.165	8026.81	3053.345
2182.76	1873.04	2638.175	2913.705	1298.555
838.4	1077.92	1362.2	1502.89	402.81
73.835	115.75	143.68	146.275	35.07
171.34	119.075	174.345	204.275	205.8
477.46	459.74	625.87	679.84	440.02

	3104.785	3741.395	4353.44	4486.11	2741.7
	2096.625	2116.78	3034.97	3023.115	1505.045
	3891.29	2933.155	3993.105	4170.435	4159.48
	6246.635	5361.38	7679.995	8359.1	5184.675
	1768.67	2136.365	3079.51	3058.085	1094.795
	27.08	34.875	38.915	52.405	26.17
	78.88	86.12	99.25	111.225	93.945
	556.155	556.25	664.94	770.8	514.06
	318.825	304.63	364.67	464.07	285.32
	387.785	305.33	437.045	557.98	361.85
	1594.51	1367.93	2095.045	2330.21	1597.335
	3689.405	3802.255	5205.63	6323.475	3097.845
	6.765	6.515	5.025	16.08	7.455
	39.645	28.625	33.235	56.68	41.21
	190.215	199.075	267.145	302.305	167.91
	85.925	85.64	113.04	118.23	88.035
	39.815	55.22	73.755	83.545	53.84
	150.965	156.03	203.57	249.3	135.165
	121.77	139.305	180.185	230.44	92.55
NA		2.57	2.57	5.66	0.82
	4.675	4.955	5.395	5.41	2.55
	22.82	24.63	28.005	42.23	12.75
	14.575	17.69	17.255	18.26	9.89
	15.48	19.755	20.26	27.51	18.71
	97.635	96	122.465	174.115	111.355
	46.87	53.515	54.76	76.47	55.48
	33.79	27.56	38.13	37.055	48.485
	798.53	660.98	797.7	919.455	817.065
	118.67	131.17	151.935	176.46	92.04
	2.46	10.94	13.445	11.665	4.76
	18.375	14.41	19.16	30.45	18.65
	74.475	60.54	84.65	124.185	54.755
	337.255	258.22	348.395	401.95	374.19
	12.66	12.21	18.635	24.81	23.565
	4	8.7	11.125	7.405	3.155
	2.105	13.15	12.97	12.215	3.53
	8.95	13.94	20.185	16.525	11.305
	157.695	163.59	215.325	269.34	123.36
	3.115	2.19	3.06	3.75	1.78
	40.81	32.59	53.26	53.13	28.14
	737.84	652.38	993.795	948.72	914.695
	483.81	495.95	736.97	776.73	674.56
	46.38	34.5	55.065	51.675	36.66
	0.935	3.47	4.345	5.025	3.1
NA		1.65	4.685	1.675	1.04
	147.6	137.86	193.435	171.505	186.575

	543.785	558.74	605	713.285	806.455
	227.125	171.1	223.21	225.635	223.985
	19.91	60.48	60.36	57.775	52.155
	27.32	28.8	45.41	46.69	58.36
	195.615	228.33	216.08	249.575	285.755
	193.555	221.23	254.12	268.61	268.01
	44.545	69.25	86	75.8	41.37
	11.45	34.16	34.275	26.32	21.625
	17.055	23.4	25.12	20.165	31.78
	20.255	21.85	41.72	40.92	60.245
	18.465	32.61	39.18	43.105	45.51
	32.865	19.39	31.99	50.49	97.265
	5.335	8.79	7.54	6.785	7.785
	7.87	4.66	12.38	14.88	12.71
	13.42	18.11	25.275	26.995	6.78
	209.43	179.19	236.825	249.52	152.42
	19.505	19.49	22.315	26.49	30.305
	21.12	22.33	24.735	27.56	11.42
	9.355	7.79	9.815	4.865	3.27
	6.815	12.04	9.1	27.265	15.84
	45.305	27.89	31.945	49.86	66.51
	119.605	105.17	153.055	187.42	78.795
	913.805	1140.88	1422.955	1680.205	673.035
	230.25	289.04	320.27	328.575	140.375
	2.73	2.47	8.22	4.965	6.17
	2.685	4.15	4.75	5.545	5.11
	3.365	8.18	5.695	3.31	2.75
	7.275	12.11	12.515	10.025	11.32
	10000	10000	10000	10000	10000
	996.72	653.28	1056.705	1186	612.995
	3957.585	3781.7	4987.35	5405.645	1850.21
	766.965	1141.69	1333.93	1504.985	462.415
	5.125	13.8	36.34	27.525	4.09
NA		1.46	2.02	1.165	1.045
	0.45	0.65	1.295	2.495	1.955
	2.395	5.06	7.785	4.71	7.71
	2995.675	2145.61	3026.765	3075.315	2544.72
	31400.425	26076.22	35082.845	37705.66	25202.605
	18665.515	22279.18	25678.42	27492.745	9307.765
	454.7	739.5	751.335	801.67	114.475
	1.08	4.92	5.885	3.875	0.805
	1.83	1.63	1.81	2.61	2.35
	15.14	10.27	18.55	24.725	19.44
	753.005	612.65	852.52	781.15	1646.105
	13754.055	11512.62	15137.97	16313.845	32323.045
	24424.22	22807.28	30360.25	32199.1	36683.92

	2203.485	2601.47	3370	3536.945	1603.34
	242.71	253.88	364.28	413.76	116.345
	25.5	48.75	45.57	63.195	32.15
	50.55	61.68	61.49	82.57	75.265
	344.12	335.04	397.41	540.945	371.46
	1644.05	1497.27	1876.76	2134.345	1937.585
	7880.41	7878.43	9525.68	9410.75	9204.91
	4955.865	5675.45	6444.495	6947.71	4674.135
	2418.155	2381.36	3227.37	3376.75	2828.05
	1125.915	1496.64	1803.35	1995.77	1236.005
	135.01	166.5	191.475	221.315	97.67
	148.685	136.34	173.955	215.81	317.415
	325.585	328.82	405.495	438.34	520.345
	782.32	748.3	989.47	1006.3	1089.58
	692.41	773.65	838.455	1005.6	658.505
	293.89	267.18	346.745	375.865	379.665
	373.025	339.29	506.435	533.16	461.02
	417.45	357.35	460.315	490.57	371.425
	24.39	25.64	42.82	45.455	44.09
	72.365	84.77	98.92	99.4	130.335
	157.405	136.68	188.75	234	394.51
	254.025	256.29	289.275	335.84	385.28
	40.66	46.35	47.75	76.79	36.25
	4.445	8.59	13.27	15.405	8.035
	4.765	3.64	11.72	10.32	8.03
	6.87	10.04	17.3	17.25	21.995
	32.26	25.35	38.605	44.955	30.485
	12.95	45.46	44.57	40.955	33.28
	50.485	52	70.38	57.29	80.68
	30.975	71.66	52.745	61.66	43.88
	15.6	18	28.275	29.36	33.125
	4.275	15.07	16.09	30.35	18.215
	7.175	19.25	20.34	17.24	7.34
	1.265	1.075	1.41	1.185	0.745
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	4.4	3.635	5.94	6.73	2.815
	116.8	187.94	193.65	184.57	109.485
	670.615	619.23	798.85	814.765	800.41
	93.21	82.605	103.97	98.965	73.28
	18.685	22.66	24.82	23.695	22.585
NA		0.4	0.11	NA	NA
	88.82	134.565	114.29	109.105	111.265
	614.56	645.34	742.14	692.37	1050.97
	350.555	241.215	325.38	301.155	423.18
	27	25.54	31.73	29.315	25.555

	4.105	5.27	6.9	8.94	6.265
	7.365	4.505	5.87	4.75	4.595
	24.35	39.535	37.81	32.725	38.28
	252.26	242.695	352.55	305.575	218.795
	190.225	166.92	222.74	210.86	190.195
	24.61	24.435	23.99	32.875	20.895
	10.795	12.405	18.56	18.605	30.665
	28.145	26.37	35.71	36.65	40.09
	27	27.865	40.14	37.715	34.975
	27.465	36.23	45.06	47.41	28.37
	81.62	96.155	125.95	99.76	87.07
	15.425	8.735	21.01	16.525	44.56
	15.01	22.595	34.5	25.94	42.285
	27.05	28.885	40.98	37.87	26.87
NA		0.83	0.29	0.17	0.205
NA		0.845	0.56	0.45	0.07
NA		0.355	0.11	NA	NA
	0.245	0.075	0.32	0.215	0.415
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	47.04	165.62	179.76	171.88	17.145
	14.685	17.56	18.73	14.97	8.94
NA		0.065	NA	0.165	NA
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	0.115	0.96	0.66	0.5	NA
	33000	33000	33000	33000	33000
	401.385	1078.735	1307.38	1306.405	169.905
	2165.66	2060.845	2476.47	2384.95	559.56
	12.15	14.82	19.69	20.69	2.71
NA		0.435	0.95	0.895	NA
	0.22	NA	NA	NA	0.185
	1.97	0.565	NA	NA	0.825
	14.395	28.12	26.76	25.62	16.885
	685.185	916.525	1072.51	1156.03	502.715
	11064.24	11294.145	14350.98	14992.935	7383.88
	2684.87	2263.335	2496.73	2555.665	769.725
	24.08	28.215	32.98	38.405	6.98
	11.165	14.955	19.21	21.8	3.585
NA		0.24	0.39	0.155	0.22
	2.955	6.335	10.9	8.995	3.505
	524.65	572.98	718.37	700.27	1062.96
	9128.29	9565.03	12657.41	12371.78	19051.43

	11938.005	11024.735	12791.72	13200.075	9222.295
	304.13	339.85	394.21	375.24	139.765
	163.435	126.375	163.71	179.93	86.36
	21.125	28.185	32.13	32	7.69
	2.03	10.635	4.92	5.18	4.455
	46.945	80.355	74.58	75	59.285
	440.06	641.47	855.99	804.68	511.49
	2677.625	2733.99	3674.13	3623.785	1866.805
	438.275	370.89	560.83	592.51	305.955
	274.555	176.455	270.58	263.975	397.085
	279.105	160.67	233.5	276.985	186.47
	45.68	60.665	83.25	69.775	24.42
	8.485	16.08	15.89	23.015	12.925
	176.575	194.995	269.48	236.19	239.335
	1059.23	1146.49	1453.69	1309.06	1058.625
	168.07	196.53	250.16	229.385	165.15
	74.67	73.295	111.82	129.46	117.72
	337.58	292.13	389.54	456.935	420.11
	427.08	423.255	539.46	555.075	384.1
	1.26	1.78	1.86	1.63	2.41
	51.57	41.035	57.53	55.58	72.945
	349.275	300.26	459.46	415.435	318.51
	69.33	66.925	80	69.715	68.995
	3.815	5.21	10.58	9.45	5.3
	7.375	22.175	18.95	23.215	11.095
	14.74	23.31	38.94	37.275	13.29
NA		0.53	NA	0.08	NA
	0.15	0.58	2.15	0.57	0.565
	8.955	12.095	17.25	12.625	4.96
	1.24	2.39	4.02	1.9	1.57
	0.34	0.485	1.11	0.415	0.71
	1.275	0.91	5.29	3.415	3.06
	5.345	6.095	5.45	7.905	3.17
	2.43	12.475	12.605	17.335	1.035
	45.92	321.96	350.595	411.23	23.08
	0.57	2.085	2.63	3.355	0.39
	614.675	176.16	157.385	182.785	27.665
	10787.03	2942.55	2867.185	3439.195	375.73
	5.7	13.47	19.46	25.555	4.4
	62.61	52.965	62.46	82.145	94.23
	162.33	68.09	53.27	70.095	20.14
	2.18	9.27	10.295	11.595	1.795
	27.415	32.62	28.755	36.44	31.225
	2.455	18.625	17.14	20.135	2.3
	0.385	0.34	0.405	0.485	0.095
	7.52	14.15	12.295	14.875	7.43

63.645	294.205	234.76	283.335	48.215
61.935	1484.965	1146.32	1479.185	42.205
2.23	22.91	21.385	26.02	1.66
2.635	13.045	11.99	14.395	3.445
81.355	718.78	686.975	935.15	95.91
791.95	10325.115	11262.86	14688.05	1155.24
65.34	617.98	588.525	718.83	75.9
0.37	0.835	0.85	0.63	0.25
0.57	3.06	3.425	3.135	0.46
1.675	20.32	22.805	26.105	1.14
0.495	5.135	5.025	6.785	0.43

ETNK_myriocin_2	ETNK_myriocin_3	ETNK_1	ETNK_2	ETNK_3	Hela_myriocin_1
34250	34250	34250	34250	34250	34250
5000	5000	5000	5000	5000	5000
5000	5000	5000	5000	5000	5000
1000	1000	1000	1000	1000	1000
3.075	2.215	9.605	8.845	5.16	0.71
10.745	11.035	50.91	44.665	50.56	7.19
1.295	0.84	2.48	1.405	2.215	0.675
19.12	7.16	75.725	70.12	78.485	5.26
58.29	48.405	276.395	250.715	244.86	32.37
0.995	1.805	4.98	1.74	3.59	0.86
17.76	23.39	29.545	25.94	25.71	8.435
3.48	1.765	5.115	3.64	3.32	1.235
0.81	0.625	2.245	2.3	2.08	0.42
10.845	8.215	29.985	26.93	26.16	13.26
9.75	15.725	4.67	3.06	2.81	0.63
2.355	1.235	16.93	14.205	14.19	0.995
33.405	29.8	127.1	117.975	110.24	19.87
6.555	2.795	46.635	33.87	29.175	3.96
119.62	59.22	339.73	276.855	244.33	101.775
6.295	4.555	74.255	69.295	67.17	3.01
39.86	35.745	323.15	342.005	281.22	23.15
155.28	109.61	1766.895	2034.695	1699.565	119.835
269.72	247.42	2694.71	2814.96	2530.49	218.575
0.455	0.255	2.295	0.885	0.695	NA
5.145	3.335	17.01	10.11	10.92	2.54
1.73	0.645	6.515	4.26	7.565	0.72
8.47	5.48	48	36.855	37.19	6.345
5202.18	7243.9	52.315	66.34	35.675	26.145
5.01	3.715	17.26	11.865	9.69	6.045
10	5.395	94.745	107.64	75.085	7.63
12.065	9.075	85.24	77.57	71.52	8.73
0.775	0.7	3.595	2.755	3.2	0.81
2.94	1.94	11.875	8.915	7.75	2.5
1.44	0.995	3.4	1.58	3.32	1.255
32.34	28.94	65.37	38.21	45.41	67.535
107.72	104.525	177.435	142.325	134.03	117.36
282.52	240.82	487.94	321.7	347.08	333.045
NA	NA	0.355	NA	0.42	0.66
2.67	1.84	9.105	6.34	5.2	5.59
1659.54	1492.795	2339.605	1827.52	1838.41	876.705
2102.05	1778.445	2828.33	2405.18	2342.82	1110.435
9.54	9.77	11.865	11.825	9.62	7.565
NA	NA	NA	NA	NA	0.12
312.61	240.37	301.2	302.045	317.71	173.27
125.62	113.84	137.8	167.255	188.81	83.295

102.12	84.56	100.765	98.045	101.23	55.64
14.66	16.47	20.71	23.35	17.92	12.14
3.55	2.735	5.635	7.425	3.77	3.79
NA	0.565	23.55	9.085	12.04	8.825
2.48	0.18	3.28	2.125	4.15	3.265
6.42	6.51	49.7	16.045	29.7	24.25
NA	NA	NA	NA	NA	NA
9.45	9.53	25.815	15.145	12.35	27.24
172.6	152.075	314.01	201.685	206.09	263.9
1.6	1.355	4.77	2.95	3.49	4.29
1997.41	1662.655	3009.865	2165.395	2176.03	1194.615
7.66	4.42	9.64	9.165	6.45	10.645
NA	NA	NA	NA	NA	0.395
156.66	110.56	157.36	161.895	169.85	100.255
475.19	372.115	510.33	491.87	459.18	321.85
137.59	96.31	118.395	137.8	146.35	89.26
NA	NA	NA	NA	NA	NA
18.92	11.4	18.725	22.8	15.94	14.855
23.06	17.745	23.795	28.415	27.72	19.715
24.91	13.765	16.335	19.62	19.92	14.83
9.62	4.21	5.585	11.32	8.45	3.67
1.41	NA	0.26	0.795	NA	0.415
NA	NA	NA	NA	NA	NA
NA	NA	0.15	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
323.56	250.385	443.215	331.665	394.52	207.625
1.46	0.185	0.85	2.56	0.73	0.375
174.27	148.19	209.495	163.175	163.62	131.825
25.47	22.155	37.135	23.8	25.87	18.775
23.24	20.35	42.365	36.485	34.19	29.575
7.21	7.025	6.185	9.09	10.92	10.75
7.54	5.96	13.02	9.68	10	4.005
1.44	NA	1.11	1.235	0.37	0.48
NA	NA	0.255	0.405	NA	0.155
NA	NA	NA	NA	NA	NA
NA	0.485	1.17	1.335	0.82	1.015
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA		1.455	0.745	0.91	0.32
NA	NA		0.385	NA	NA	NA
NA	NA	NA	NA	NA	NA	
	0.98	0.325	3.725	2.475	2.38	1.635
NA	NA		1.79	NA	0.45	0.825
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
	1.53	2.33	2.55	1.91	1.95	1.69
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
	1.25	0.61	1.165	1.165	1.5	0.44
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA		0.59	NA	NA	NA
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
	3.26	NA	2.565	0.95	NA	NA
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
	1.85	NA	0.95	NA	NA	NA
	1.4	NA	0.21	0.87	NA	0.315
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA		0.135	NA	NA	0.14
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	

NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	
	12.18	6.715	20.205	12.3	23.2	18.02
	3.06	1.49	1.19	2.395	3.755	2.105
NA		0.595	2.5	1.115	0.67	NA
	9.98	5.35	19.465	15.34	19.35	5.575
	0.975	0.15	3.155	2.175	1.915	0.59
	5.87	5.005	6.285	7.735	7.65	3.38
	2.245	2.165	5.605	3.765	2.93	2.365
	36.15	39.96	28.34	18.905	18.06	9.015
	14.485	8.255	28.89	20.45	22.5	8.33
	19.16	14.75	44.055	38.44	39.77	13.755
	1.29	1.07	17.37	14.63	12.19	1.81
	117.3	71.215	382.11	301.035	291.73	85.55
	4.435	3.41	9.125	6.385	6.53	2.87
	4000	4000	4000	4000	4000	4000
NA	NA	NA	NA	NA	NA	
	2.515	2.17	5.92	3.68	4.385	1.455
	1.635	0.635	1.81	1.305	2.79	1.15
	3.205	2.945	10.94	8.715	8.225	3.84
	3.805	4.19	6.37	5.45	4.815	2.73
	5.135	4.56	16.345	16.115	16.25	3.175
	1.675	2.005	6.265	2.955	2.37	0.905
	31.435	41.715	122.95	130.995	119.09	21.935
	2.395	1.115	3.485	2.655	2.615	0.915
	5.03	4.52	16.475	17.255	16.185	3.215
	1.665	1.33	3.905	3.54	3.06	0.785
	1.505	1.905	8.52	5.27	4.955	1.775
	1.38	0.795	6.685	6.85	6.64	1.045
	9.195	11.06	76.01	69.56	65.9	5.6
	11.54	10.88	74.17	80.7	66	7.11
	29.55	27.26	180.02	176.32	174.255	12.74
	132.855	148.555	1205.32	1545.595	1112.935	86.265
	3.6	2.605	17.455	19.46	18.035	3.815
	2.275	2.27	4.48	3.075	4.14	1.94
	6.27	1.56	6.845	2.515	10.165	3.775
	1.82	0.77	3.085	1.34	3.635	1.76
	2.265	1.235	5.925	3.615	3.16	2.41
	2.13	0.99	5.06	2.3	4.245	2.715

2.22	2.605	3.22	3.765	4.265	2.195
3.59	3.085	18.76	15.15	18.79	2.275
4.01	3.92	4.125	4.05	2.865	2.85
0.435	0.69	0.295	0.36	0.425	0.295
0.13	0.16	0.165	0.095	0.115	0.13
110.445	103.045	101.765	108.125	77.79	49.38
35.66	24.205	26.505	36.675	21.28	12.245
1.02	0.82	0.625	0.9	0.61	0.625
20.26	16.145	13.77	13.86	10.895	4.8
344.015	220.335	234.155	350.265	172.775	69.335
3.58	2.55	2.305	3.405	1.695	0.515
0.845	1.16	0.69	0.405	0.625	0.165
10.575	7.045	8.71	8.405	7.61	2.575
4.82	4.665	3.745	4.515	3.36	1.605
0.575	0.745	0.85	0.385	0.505	0.225
0.95	0.825	1.24	0.845	0.845	0.28
1.31	1.05	1.36	1.51	1.065	0.24
2.15	3.85	7.31	5.51	2.83	3.03
5.89	6.05	6.86	4.455	3.865	16.435
NA	NA	NA	NA	NA	0.835
58.74	56.81	151.135	87.045	74.64	49.12
74.585	62.555	80.135	65.585	43.045	54.115
NA	1.225	NA	1.105	1.7	19.68
89.125	60.585	113.125	65.705	64.435	51.23
751.165	564.355	793.64	739.73	466.905	282.07
15.79	18.72	23.66	15.96	15.385	8.21
1.67	NA	NA	NA	0.62	NA
67.78	22.975	42.38	17.715	25.18	11.76
8.745	9.085	14.305	9.875	7.06	NA
2.325	4.325	2.685	3.175	3.795	4.14
3.05	4.99	4.48	2.43	3.33	NA
6.52	15.43	12.535	9.685	6.63	1.85
1.665	1.53	NA	NA	0.2	0.8
1.645	2.605	1.725	1.5	1.445	2.835
20.31	11.14	NA	NA	NA	5.695
37.35	19.02	10.3	13.23	11.155	2.46
39.47	15.145	14.165	24.295	5.5	1.36
12.61	6.145	NA	NA	NA	6.265
419.125	277.08	223.175	166.94	206.4	72.38
176.45	151.25	132.06	148.04	108.315	50.13
7.785	5.315	6.075	4.1	2.46	2.19
4.845	0.68	0.995	1.225	0.69	0.385
10.8	5.66	2.3	6.955	6.825	1.31
34.93	28.16	30.83	34.99	29.185	4.775
5.585	2.645	2.9	2.675	0.595	0.6
3.87	4.28	1.555	1.905	1.02	1.455

13.84	9.4	10.155	6.395	5.835	1.8
0.28	NA	NA	NA	NA	0.045
28.69	23.355	10.27	26.87	22.185	16.08
0.06	NA	NA	NA	NA	NA
2.26	2.13	2.935	3.09	1.47	1.37
1.23	1.595	0.655	2.04	1.085	0.665
NA	NA	NA	NA	NA	NA
22.255	22.715	15.025	16.175	16.92	11.55
27.025	35.08	25.39	44.105	26.125	14.945
0.08	NA	NA	0.115	NA	NA
NA	0.23	NA	NA	NA	NA
0.155	0.705	1.18	0.585	0.74	0.355
NA	NA	NA	0.145	0.075	NA
NA	NA	NA	NA	NA	0.045
1.255	0.425	0.54	0.15	0.6	0.38
NA	0.235	0.2	0.19	NA	NA
17574.86	13555.445	16695.375	14949.535	13553.865	3309.82
1655.305	1314.79	1758.955	1540.735	1390.665	995.135
23.73	19.925	26.85	21.49	20.365	23.545
1.825	1.92	3.25	3.33	2.51	1.36
0.595	0.815	0.725	0.61	0.71	0.57
1.4	1.745	2.175	1.35	1.56	1.55
51.99	47.52	71.085	51.48	50.095	66.235
87261.735	66706.825	70226.585	66395.465	64249.09	18977.44
56713.06	42352.045	49227.325	48640.125	43869.995	13991.695
3487.065	2690.5	3367.515	3361.63	3030.91	2037.97
45.79	31.57	43.505	43.315	39.165	33.975
4.015	2.985	4.97	4.865	4.375	4.445
26.31	21.61	29.49	24.87	23.285	21.855
1563.305	1259.9	1634.875	1361.57	1330.695	1160.13
28224.645	17942.535	23942.35	22973.08	20292.87	6996.095
234691.03	149240.7	208424.88	193163.55	169371.975	43410.87
40488.655	27360.655	38384.545	36495.55	31567.755	9908.42
2993.01	2032.21	3046.41	2924.08	2526.435	1220.355
52.865	35.795	57.025	57.32	47.4	30.945
115.585	91.63	129.175	116.93	102.18	66.04
1316.505	970.075	1617.03	1235.825	1272.1	440.41
16562.255	11337.73	17572.97	15242.16	14878.7	4344.09
59308.08	37385.385	52095.195	47319.875	44951.09	8970.245
13383.095	8344.685	12845.175	12270.84	10688.255	3081.035
2836.905	1595.7	2564.045	2751.36	2439.115	646.78
868.1	527.365	847.925	944.345	808.38	344.115
632.39	443.69	634.85	597.645	537.675	346.765
986.925	740.925	1316.515	1167.635	1055.765	308.625
3987.91	2670.93	4693.975	4278.83	3789.04	816.5
1931.51	1371.425	2116.76	1987.105	1841.2	289.73

2122.74	1217.06	1882.895	2098.93	1734.315	324.675
8893.33	4955.205	7619.66	8791.585	7380.725	1257.835
3831.74	2219.97	3627.955	3809.31	3473.58	1061.385
325.705	258.875	464.385	410.255	387.8	64.075
613.13	493.84	667.495	550.145	622.645	51.925
258.06	169.61	266.52	256.68	263.94	38.74
942.545	538.935	824.975	882.425	840.215	124.55
3615.44	1931.62	3133.04	3207.44	3195.96	479.795
32.275	23.655	47.68	37.58	39.47	9.965
64.79	44.42	71.905	63.235	62.085	14.945
71.435	50.625	81.52	62.98	77.41	14.795
42.57	32.265	58.19	41.14	60.22	10.845
41.52	26.675	56.51	45.19	50.93	12.17
92.22	57.18	110.54	104.195	105.875	19.61
7.225	5.845	10.825	7.45	10.1	1.92
14.925	9.48	18.325	11.965	17.585	3.135
16.415	12.675	24.165	16.645	21.79	3.22
12.585	9.32	17.575	14.48	20.285	4.34
16.145	18.315	24.385	12.89	22.555	6.325
14.96	22.255	22.795	13.26	21.52	3.46
1099.9	933.77	1485.675	1084.73	1087.645	1364.885
54.11	55.1	183.655	167.785	154.59	58.13
2.3	2.825	5.405	4.41	4.435	1.97
0.565	0.825	1.49	1.01	1.095	0.375
0.255	0.325	0.525	0.41	0.405	0.155
0.33	0.475	0.69	0.33	0.48	0.145
7.875	8.925	8.08	6.525	6.315	8.135
31017.615	25405.715	34479.535	28338.14	26584.935	25525.97
4251.705	3429.15	7015.695	5871.32	5520.085	4608.385
61.525	50.65	97.405	85.3	76.43	68.875
2.785	2.865	4.9	4.125	3.745	3.25
1.015	0.99	1.68	1.32	1.27	0.78
6.905	5.725	7.56	5.82	6.665	2.22
757.52	620.48	729.73	651.315	611.19	159.28
73032.27	57246.18	74700.34	76996.905	66467.02	54997.3
92499.635	67702.725	107628.545	98130.045	90566.995	73168.065
5311.47	4399.42	9831.41	7996.635	7293.72	5238.68
51.25	39.59	70.365	68.985	64.395	51.52
3.61	2.97	5.415	4.37	4.135	3.405
41.005	34.475	39.125	35.41	33.25	17.485
4199.78	3239.095	3691.96	3544.025	3249.39	996.78
20638.145	14466.555	20874.58	20220.55	18383.675	11983.71
281183.225	193635.22	308800.57	273983.72	261823.465	172673.485
63019.645	47131.415	100553.785	83067.28	77973.065	48535.445
1311.48	913.925	2267.175	1831.56	1748.395	911.66
45.005	31.865	77	66.455	62.345	46.44

32.655	25.31	45.775	35.505	34.245	20.12
1003.995	691.985	964.285	899.655	785.385	356.725
1965.965	1284.925	1972.125	1847.69	1763.13	883.6
31069.505	19877.165	33455.57	31239.935	26093.125	12850.39
164072.35	115871.27	230193.56	201617.745	181507.16	88149.16
7913.455	5511.3	12752.04	9915.83	10015.235	3827.975
901.62	555.485	1324.05	1334.475	1160.21	654.28
339.895	232.9	519.405	522.525	428.54	323.12
154.11	138.32	265.86	200	183.75	103.28
2640.54	1395.58	2220.3	2331.335	2252.72	538.025
1540.055	1011.995	2142.255	2104.85	1884.61	643.595
7349.38	5132.4	15038.08	13943.105	12451.135	3447.3
2000.505	1489.4	3632.52	3032.925	3028.27	614.245
638.77	400.225	938.955	925.325	878.015	323.94
1234.175	802.525	2149.45	2248.5	1780.745	899
713.125	459.605	1087.215	1121.735	940.89	705.365
159.95	92.255	193.895	157.305	176.66	26.34
154.6	96.775	203.785	187.545	170.765	73.67
476.725	288.98	677.41	590.52	549.78	172.39
364.62	245.73	615.705	530.38	509.76	100.965
86.215	61.635	147.275	119.075	133.255	34.195
192.295	119.955	348.595	333.73	309.32	109.13
407.395	276.555	834.4	777.75	664.055	346.795
17.71	12.865	24.975	18.545	22.77	3.97
36.715	22.385	48.255	43.6	41.215	20.395
131.115	79.98	183.245	157.08	146.925	62.085
114.05	72.82	187.035	157.525	151.41	29.92
47.17	26.96	56.96	54.08	59.855	9.48
26.72	17.935	45.81	37.47	44.5	12.51
28.64	24.045	66.32	53.56	54.375	22.73
2.285	2.385	4.445	2.605	4.03	0.575
5.905	4.875	8.25	6.005	7.515	2.15
16.885	12.475	28.52	23.17	23.58	10.21
19.11	14.96	38.82	29.025	34.895	6.985
8.48	8.755	13.305	9.755	13.18	1.89
9.66	18.74	13.565	8.78	12.335	2.855
6.235	21.97	11.98	7.86	10.99	2.61
18.99	21.57	36.65	19.475	21.69	8.93
7.59	10.07	12.85	7.98	5.23	5.58
30.9	30.385	39.33	25.69	35.38	18.055
NA	NA	NA	NA	NA	NA
245.73	232.555	346.665	304.525	303.16	160.29
1325.6	1284.115	1719.78	1452.08	1412.47	747.265
401.31	381.605	595.175	483.92	451.285	282.26
67.675	72.16	70.205	60.9	58.555	34.07
165.995	92.725	132.265	129.71	105.86	100.155

7.88	5.745	6.93	7.485	6.335	3.245
366.205	393.125	389.42	303.98	316.515	162.27
198.81	146.735	183.57	157.835	159.25	73.845
147.42	133.925	152.855	151.16	137.88	84.285
65.425	63.39	86.285	88.675	80.8	69.85
375.725	288.385	343.51	300.42	288.905	131.395
691.5	544.105	480.925	483.905	469.985	215.43
584.67	455.43	421.82	418.11	408.525	234.685
292.16	245.535	275.44	259.425	256.445	125.135
8.84	10.14	16.835	9.085	9.305	9.475
8.07	9.125	15.575	7.59	7.74	5.345
1.9	7.34	3.81	2.21	2.945	2.385
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
7.625	NA	4.445	2.365	2.07	1.265
NA	1.79	1.15	0.585	0.51	NA
119.765	150.345	357.4	258.385	269.29	209.885
61.665	72.55	174.68	108.4	105.345	151.13
1.895	4.39	4.41	2.145	2.34	1.57
NA	NA	1.735	NA	NA	NA
2.395	2.92	2.51	1.915	1.885	3.3
NA	NA	NA	NA	NA	NA
NA	1.51	2.305	1.285	2.215	NA
689.81	751.625	1802.485	1518.75	1448.325	938.46
4195.895	3865.335	8212.42	5935.295	5925.735	5637.425
520.785	473.11	1411.21	805.67	822.855	929.08
4.765	6.95	17.295	10.085	10.02	9.67
1.755	2.495	4.54	3.365	3.245	1.96
NA	0.78	NA	NA	0.91	NA
15.17	12.48	17.835	14.09	16.765	8.175
1442.225	1491.34	2515.425	2311.685	2194.035	1421.655
22173.38	21980.93	36398.19	32066.205	29896.75	22753.58
13829.69	14034.31	29826.785	20857.595	20500.23	17463.54
271.9	262.3	646.27	445.695	446.7	391.055
67.935	51.47	149.165	101.26	85.715	89.315
12.205	9.695	26.16	17.475	12.92	16.3
9.285	12.325	20.93	18.675	12.295	7.69
1198.03	1077.39	1507.605	1279.17	1251.6	837.93
19445.785	17909.645	26696.145	22317.135	21915.265	13783.615
69921.955	66108.27	107726.325	86952.35	88790.76	47631.555
3683.91	3376.805	6032.045	5106.53	4546.62	2744.74
1532.325	1258.035	1857.895	1776.265	1490.195	1261.385
470.98	343.215	823.79	671.915	579.13	586.1
44.765	37.435	79.62	65.025	56.53	69.87
256.92	181.045	223.445	200.495	224.07	93.615
621.695	561.665	896.375	805.325	799.635	367.905

3632.54	3279.11	5656.8	4833.45	4339.58	2040.725
1959.55	1653.83	2708.41	2231.625	2215.1	1072.16
5263.06	4272.775	5463.4	4853.265	4765.495	4068.77
6326.18	4941.18	7302.86	6554.455	6365.23	5010.965
1349.075	1018.545	1950.785	1783.365	1712.135	1685.61
32.63	29.945	43.3	41.72	40.54	19.315
123.6	118.445	173.025	156.185	138.62	96.815
731.855	634.515	1073.315	939.725	896.27	449.445
366.31	338.185	518.9	405.845	441.465	143.49
470.555	379.41	536.365	496.67	482.33	242.325
1882.67	1639.045	2422	2351.855	2103.78	1174.505
4020.175	3025.565	5582.58	5345.055	4991.975	3028.32
7.295	9.22	9.345	7.485	8.28	6.19
57.31	46.56	65.64	72.49	62.875	52.55
224.145	209.69	323.32	295.955	263.255	141.375
136.005	110.9	198.3	159.87	150.63	48.875
90.35	52.75	74.29	76.795	68.955	32.035
213.305	123.28	213.615	174.505	165.08	82.91
117.56	88.985	163.51	140.635	148.255	78.59
1.85	NA	2.34	NA	1.18	NA
2.595	1.69	5.53	6.3	5.08	0.835
15.25	13.285	28.925	26.635	23.505	8.99
11.8	15.48	21.725	20.555	23.28	6.23
25.305	13.57	25.91	16.535	16.22	12.15
158	71.05	123.885	105.43	82.82	50.86
68.49	46.91	60.755	43.585	53.535	29.245
43.995	28.785	40.425	38.34	44.335	8.555
875.23	827.85	850.56	772.47	1048.36	152.145
115.125	108.11	112.515	109.875	112.905	35.065
7.905	3.705	6.305	8.825	3.94	2.89
18.655	9.145	30.71	14.49	6.905	8.185
64.505	24.995	53.495	41.43	50.745	31.6
398.76	366	466.575	408.3	450.345	91.225
36.27	24.42	23.2	27.225	20.35	5.825
2.39	2.47	2.745	3.925	2.62	3.3
3.245	2.815	8.385	6.06	7.275	2.895
11.31	2.89	12.915	11.165	12.71	7.08
141.23	140.6	228.71	176.735	131.735	33.21
1.21	0.34	2.48	1.775	3.18	0.685
24.245	21.07	27.29	27.5	23.72	7.22
1092.51	963.48	1196.54	943.675	947.06	313.78
763.595	762.175	951.005	802.185	789.65	243.56
44.055	46.71	59.9	51.14	65.125	13.86
3.45	1.715	3.815	5.79	2.555	1.11
0.545	1.29	2.46	1.465	1.91	0.43
208.64	199.23	231.69	197.42	165.045	127.26

806.085	792.695	1034.435	771.94	668.585	653.27
238.6	241.035	363.59	253.545	236.135	148.485
43.53	35.615	52.415	41.845	33.905	29.695
56.08	53.09	72.48	76.93	53.195	29.175
317.44	306	369.975	306.935	203.38	179.97
300.36	213.085	357.54	259.765	226.81	207.89
53.54	52.24	52.075	56.105	52.375	42.86
10.79	9.69	21.8	26.34	13.11	19.265
16.97	11.735	29.77	27.48	11.12	11.165
54.795	31.22	49.875	57.31	40.01	36.215
51.62	37.435	30.605	33.36	40.58	31.74
74.535	20.23	82.105	44.68	30.69	36.215
9.89	5.84	5.16	6.45	4.53	4.765
13.04	4.875	11.775	5.775	2.895	6.095
11.835	5.48	15.985	10.125	6.9	3.135
194.935	126.34	141.88	136.905	177.74	45.145
44.4	18.125	16.345	23.85	32.64	13.89
12.635	5.475	24.35	13.74	10.63	4.95
8.845	2.31	7.17	4.53	2.37	2.21
17.18	8.555	17.55	14.51	7.99	1.195
72.745	27.3	50.255	34.87	54.965	8.24
81.055	54.955	123.325	80.19	87.475	25.47
662.78	649.695	1020.89	810.895	897.99	414.67
173.84	170.64	204.315	179.6	227.4	76.585
8.785	3.395	6.665	2.985	7.46	1.11
2.185	3.285	2.515	5.615	3.505	1.52
2.01	1.065	4.215	2.61	2.07	1.35
8.605	3.99	8.685	10.415	12.715	4.675
10000	10000	10000	10000	10000	10000
670.5	628.12	591.69	537.945	530.535	113.02
2105.915	1853.65	2774.875	2462.29	2496.69	628.775
484.85	476.88	906.14	735.085	973.5	311.2
6.785	5.395	13.505	10.445	17.365	1.495
0.69	0.28	0.48	2.145	0.63	0.23
2.155	2.585	0.84	1.995	1.765	0.29
6.63	2.035	7.96	6.91	6.085	4.53
2865.815	2520.635	2243.335	2379.14	2062.68	494.41
27975.79	24812.665	28397.215	24470.4	21641.34	7619.925
10203.8	10130	18690.635	13454.545	13894.545	4879.4
132.61	141.5	231.53	205.995	203.6	36.895
0.405	1.975	3.27	1.32	2.315	0.67
0.385	0.76	0.71	1.415	0.66	0.265
11.175	14.9	15.41	18.88	17.01	2.825
1833.695	1650.8	1630.745	1403.57	1177.855	1007.995
34209.725	31898.635	31502.28	26826.28	19665.565	19112.48
41231.45	41129.145	55563.765	42150.645	34434.265	26853.78

1742.895	1589.795	2551.71	2081	2075.935	1085.535
137.54	123.295	174.895	156.095	168.47	107.48
28.045	26.62	33.545	36.89	29.78	33.83
64.55	34.925	91.385	69.82	75.89	48.585
384.01	188.23	446.89	306.84	217.67	103.57
2052.95	1858.2	2240.845	1912.75	1338.935	1068.31
9769.765	9024.455	12267.35	8893.255	7418.5	6275.825
5229.965	4647.98	7659.095	4950.94	4840.215	4350.25
3045.21	2810.885	3125.46	2876.8	2810.92	3997.94
1334.305	1099.79	1574.27	1520.935	1383.26	1726.925
117.06	83.035	155.795	132.435	110.575	138.675
277.42	105.935	456.48	228.85	168.615	164.075
444.52	276.665	767.25	449.825	390.37	291.405
1147.23	921.065	1290.42	957.92	932.13	688.525
654.86	614.34	1100.895	749.445	677.885	597.345
446.44	350.35	441.61	400.235	303.335	516.21
556.845	366.795	577.515	524.785	372.3	937.02
415.17	363.455	489.345	426.28	341.31	698.295
34.1	6.975	36.655	28.145	17.115	17.89
102.66	46.505	131.15	94.775	51.72	64.65
379.88	265.665	276.88	273.32	201.555	268.33
343.945	333.7	388.605	338.23	281.64	344.685
27.36	17.055	52.95	35.71	23.275	26.815
5.48	2.23	4.945	9.465	3.15	5.95
8.93	4.2	9.17	7.675	4.325	7.195
30.545	4.295	35.575	19.585	4.725	7.68
30.61	19.755	18.86	30.175	15.61	21.53
32.425	18.49	35.675	28.45	24.92	24.155
52.755	51.255	63.345	56.79	40.225	43.66
38.67	25.19	48.47	32.15	24.715	44.765
30.215	11.25	21.865	21.995	16.455	39.225
12.03	6.29	15.18	16.115	9.295	17.13
7.69	5.34	16.655	17.925	15.415	5.23
0.88	0.78	1.67	1.175	2.255	0.595
NA	NA	NA	NA	NA	NA
NA	0.075	NA	0.325	NA	0.035
4.155	3.79	3.01	2.485	5.02	2.665
134.615	120.33	325.125	216.085	238.035	55
962.17	815.735	1232.085	1011.58	969.46	245.17
92.775	100.035	112.465	81.02	92.335	35.47
15.585	15.785	24.44	24.75	18.565	16.75
NA	NA	0.05	0.115	0.285	0.075
140.1	136.23	230.425	164.72	161.805	63.605
1121.59	1042.715	1496.29	1180.07	1123.26	452.09
481.02	397.6	542.62	421.125	384.2	155.945
21.38	22.37	26.365	25.94	27.25	15.385

3.995	2.4	8.155	7.83	7.35	4.77
2.985	3.57	2.885	4.435	3.5	2.96
18.935	36.245	70.935	64.34	40.555	19.73
196.34	259.69	395.12	349.755	339.875	118.95
182.18	178.84	286.765	205.785	222.16	76.36
17.15	19.15	33.53	29.04	21.99	8.82
19.47	17.925	21.73	23.625	30.13	8.185
34.44	44.09	42.025	42	43.775	11.975
25.76	40.18	48.91	45.195	40.23	25.815
22.695	28.71	66.1	49.505	30.97	18.755
78.775	110.14	138.26	114.525	86.345	47.04
36.78	53.045	50.86	52.705	51.055	10.86
29.02	54.26	59.93	62.45	53.205	12.495
22.9	24.475	41.005	30.44	20.62	26.86
NA	0.225	0.42	1.175	0.275	0.185
NA	0.175	0.21	0.285	0.125	0.12
NA	0.095	0.05	NA	0.07	NA
0.38	0.585	NA	0.155	0.155	0.43
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	0.21	0.055	0.205	NA	NA
16.76	24.2	94.155	63.405	68.94	16.25
10.545	9.73	10.32	13.13	9.13	9.665
NA	NA	0.055	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	0.25	1.185	1.11	0.25	0.14
33000	33000	33000	33000	33000	33000
201.015	206.16	965.815	735.975	729.95	212.92
679.97	638.19	966.935	733.54	785.95	670.875
2.02	2.64	6.75	4.005	6.9	4.615
0.13	NA	0.225	0.445	0.215	0.05
NA	NA	NA	NA	NA	0.21
2.37	2.025	NA	NA	NA	3.545
15.04	13.185	22.07	24.385	25.24	17.82
546.785	499.855	1547.46	1245.51	1124.755	518.95
9098.705	7110.76	11312.975	10402.625	10418.1	7152.44
1057.47	790.865	1263.28	967.375	958.72	894.39
7.91	5.575	18.53	14.595	13.44	7.145
3.38	1.7	4.59	6.085	6.6	5.67
NA	0.06	0.335	0.145	0.205	0.325
2.345	3.29	11.645	9.095	11.525	1.965
1161.35	1141.005	1421.92	1283.89	1151.885	756.915
19313.74	18759.23	24281.715	22304.685	19353.475	12987.215

9052.035	9567.575	12635.94	10559.15	9948.58	6462.86
141.665	185.27	237.425	176.475	218.475	132.26
87.52	82.175	105.825	107.985	109.34	112.75
7.23	5.62	14.865	11.705	14.745	11.445
4.065	3.56	13.415	7.18	8.66	2.65
47.74	68.855	110.905	111.985	89.94	35.325
471.25	525.965	1003.355	783.42	743.17	403.84
1766.69	1940	2961.39	2350.375	2279.825	1155.64
278.585	286.79	412.72	368.03	330.75	159.585
338.06	316.195	275.49	282.265	309.56	301.14
188.235	150.27	166.915	155.995	183.125	208.94
21.215	22.1	52.195	41.565	39.77	46.32
10.22	17.345	26.065	19.955	20.585	16.795
170.055	199.295	298.6	269.99	218.55	262.825
1047.285	1065.925	1634.36	1258.3	1058.225	900.095
185.19	147.215	255.235	201.42	188.445	89.085
92.19	93.535	131.52	135.54	122.36	73.895
344.735	328.145	510.955	541.23	505.98	282.545
332.095	337.74	615.905	589.375	516.635	464
2.035	4.62	4	4.76	2.275	5.62
55.975	80.59	66.99	62.175	47.8	95.8
257.975	332.78	307.17	299.315	186.335	288.43
66.96	83.285	121.98	105.86	82.59	48.925
3.59	6.38	6.46	7.375	6.135	7.26
6.995	14.73	15.16	17.705	12.8	10.795
10.77	9.53	19.79	18.76	14.05	11.72
NA	NA	NA	0.06	NA	NA
0.06	NA	0.445	1.145	0.905	0.2
3.01	6.185	7.63	6.505	5.435	6.575
0.69	2.135	2.855	5.02	2.79	0.925
0.69	0.935	0.83	1.31	0.185	0.385
0.785	2.375	1.795	2.215	1.66	3.455
3.16	3.095	4.745	6.475	2.87	3.165
1.585	1.015	17.265	14.35	14.39	0.805
32.63	29.215	414.46	372.89	307.365	13.575
0.4	0.315	3.29	2.33	2.19	0.13
28.445	24.625	248.745	237.26	188.9	20.745
486.85	433.02	4343.99	3933.97	3400.465	316.955
5.675	4.415	28.005	21.99	21.395	2.08
105.865	67.72	137.695	164.12	122.605	22.07
23.965	19.78	145.595	146.48	113.275	11.485
1.85	1.385	11.795	11.57	9.555	0.78
27.98	18.51	65.835	63	54.775	10.105
2.23	1.675	14.13	13.4	10.65	1.095
0.095	0.05	0.37	0.35	0.295	0.045
7.92	6.015	27.1	23.32	22.61	4.155

50.32	37.715	431.1	398.56	358.165	21.8
51.22	37.965	678.32	518.86	541.645	19.95
1.605	1.265	11.755	10.73	9.7	0.33
3.28	2.39	27.74	27.25	23.015	1.79
107.57	79.905	1650.685	1563.18	1268.07	66.32
1230.015	963.01	22195.36	22992.11	16613.715	786.03
80.305	59.99	839.15	761.89	653.545	31.01
0.265	0.19	3.195	2.1	1.245	0.055
0.355	0.27	5.84	4.27	3.285	0.2
1.015	0.745	23.845	15.8	14.48	0.81
0.41	0.25	8.395	5.33	5.23	0.16

Hela_myriocin_2	Hela_myriocin_3	Hela_1	Hela_2	Hela_3
34250	34250	34250	34250	34250
5000	5000	5000	5000	5000
5000	5000	5000	5000	5000
1000	1000	1000	1000	1000
0.575	3.325	6.96	5.485	3.03
6.67	8.205	38.49	31.95	34.79
0.79	0.65	3.875	1.33	NA
7.01	6.97	64.7	43.67	33.34
28.89	27.69	167.215	162.675	169.005
0.895	1.575	3.78	3.135	0.535
8.25	10.145	48.16	53.56	39.93
0.945	0.97	4.32	4.11	NA
0.185	0.595	1.93	NA	1.865
11.56	10.695	19.655	18.285	24.35
0.64	0.62	32.175	13.795	6.115
1.12	1.355	9.92	8.5	8.275
20.8	22.3	98.86	106.345	104.315
2.845	5.88	55.345	45.56	44.25
74.92	73.6	175.91	199.66	194.595
2.775	3.66	34.815	39.69	35.815
22.12	29.65	170.56	184.495	211.365
109.995	115.02	1047.215	972.555	887.725
198.305	258.83	1466.515	1602.04	1873.52
NA	0.405	1.535	NA	NA
4.12	4.5	12.315	9.305	8.335
0.68	1.225	4.805	5.68	3.78
6.99	5.57	38.58	35.855	35.195
18.015	21.84	18014.675	5982.645	2775.825
4.38	5.5	10.245	11.845	8.35
10.25	12.58	152.925	129.93	180.88
7.425	9.795	51.565	48.005	57.48
1.28	1.225	3.465	4.57	4.17
3.905	2.97	11.155	9.17	5.46
1.85	1.495	1.84	3.66	2.09
66.12	81.715	64.835	89.85	69.93
116.62	143.955	161.69	182.505	139.2
340.99	420.365	431.79	440.045	351.76
NA	0.51	NA	0.375	NA
4.85	7.14	5.72	8.025	6.305
932.29	1046.835	1586.375	1387.81	1414.34
1156.33	1309.905	1812.735	1640.08	1671.6
8.49	14.37	10.65	10.295	10.18
NA	NA	NA	NA	NA
178.34	208.945	260.905	212.27	248.74
80.89	95.675	135.88	112.785	125.765

59.32	62.7	84.055	71.095	76.145
12.11	13.67	14.705	15.675	14.68
2.4	3.905	4.41	4.585	3.115
26.41	21.48	34.645	21.72	18.64
3.54	3.27	5.745	5.235	2.545
37.13	35.925	50.835	55.3	34.29
NA	NA	NA	NA	NA
28.53	41.57	30.79	44.245	24.605
288.9	314.165	278.28	331.115	272.105
3.83	9.15	5.89	6.07	6.07
1289.04	1415.595	1936.205	1717.05	1718.535
9.93	15.215	11.135	13.735	11.32
NA	0.435	NA	NA	0.205
109.03	127.405	130.06	125.465	119.385
330.97	401.325	421.505	394.57	414.1
92.42	103.79	113.095	92.805	102.23
NA	NA	NA	NA	NA
18.24	17.05	20.76	13.63	19.075
17.69	22.75	24.515	21.78	22.56
14.57	16.625	19.09	14.65	17.865
3.98	4.25	5.115	4.315	6.455
0.46	0.52	0.92	0.495	0.25
NA	NA	NA	NA	NA
NA	NA	NA	NA	0.175
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
228.01	252.45	278.285	310.1	282.41
0.63	0.27	0.84	0.3	0.75
156.96	149.32	161.615	137.7	157.9
28.98	27.065	21.17	24.83	25.665
29.14	36.915	33.095	30.715	35.405
9.61	12.835	7.86	9.645	11.43
7.86	5.835	5.125	7.17	8.36
1.73	1.3	NA	1.36	1.4
NA	0.395	0.34	0.145	0.52
NA	NA	NA	NA	NA
1.97	0.755	1.05	1.785	2.885
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
0.56	0.125	NA	0.145	NA
NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	0.83	0.575	1.26	0.335	0.905
NA	NA		0.41	NA	NA
NA	NA	NA	NA	NA	
	2.71	1.765	3.64	2.795	2.455
	0.46	0.74	1.68	0.87	1.07
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	1.35	2.695	3.14	2.54	3.38
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	1.4	1.31	1.495	1.26	1.55
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA		0.21
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
	0.29	0.13	0.405	0.2	0.375
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	

NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
17.5	7.6	15.735	23.32	12.23
1.65	1.545	6.14	2.98	3.79
1.175	0.48	2.135	0.52	0.44
6.93	8.235	16.96	12.89	12.285
0.645	1.18	4.29	2.31	NA
3.69	4.395	7.97	6.315	5.975
2.945	3.265	4.565	4.26	3.505
11.575	13.39	72.93	54.845	27.885
8.61	9.515	14.08	18.22	10.655
17.48	19.72	37.705	36.055	30.84
1.86	1.735	3.825	10.87	3.88
90.81	96.86	212.75	214.115	200.855
3.975	3.285	7.805	7.425	2.385
4000	4000	4000	4000	4000
NA	NA	NA	NA	NA
2.12	2.03	4.18	3.91	6.99
1.355	2.34	1.545	0.88	1.425
2.585	2.695	5.665	7.115	6.57
2.16	4.08	3.4	3.705	2.225
3.22	6.755	12.09	9.82	9.315
1.38	2.17	1.85	3.395	3.135
23.88	21.49	70.945	74.47	84.545
1.115	1.47	1.71	3.25	0.695
3.645	3.73	12.59	13	13.05
1.135	1.3	2.78	1.945	0.965
1.61	2.68	4.6	4.885	5.985
1.32	1.855	2.52	3.565	1.93
7.545	10.855	44.135	46.135	58.135
7.78	11.335	40.38	47.11	55.29
18.05	21.6	84.48	89.475	130.14
89.375	122.58	515.725	520.32	779.52
4.34	4.395	9.225	10.83	12.05
2.98	3.975	2.995	2.645	1.64
5.395	3.1	5.205	8.035	4.215
1.83	1.49	2.2	2.31	2.395
2.97	2.91	3.59	3.66	1.915
2.91	2.1	2.785	3.635	2.03

2.13	1.89	5.935	4.51	2.675
2.695	2.49	7.605	10.55	8.37
3.265	4.985	4.89	4.305	4.665
0.33	0.49	0.46	0.37	0.41
0.08	0.15	0.23	0.16	0.21
70.65	101.43	83.11	81.825	87.37
19.51	25.24	29.46	23.875	26.46
0.615	0.68	0.75	0.655	0.66
7.575	9.905	10.16	9.7	10.4
132.815	153.08	170.33	142.61	157.975
0.975	0.86	1.62	1.055	1.565
0.25	0.51	0.59	0.63	0.725
3.72	5.175	7.09	6.645	5.825
1.4	1.875	2.56	2.26	2.445
0.275	0.425	0.5	0.365	0.725
0.33	0.515	0.67	0.615	0.7
0.29	0.35	0.68	0.5	0.55
0.805	0.965	3.68	5.15	3.28
2.43	3.645	11.845	6.98	5.5
NA	NA	NA	NA	NA
31.2	47.815	113.505	94.16	82
30.22	33.135	77.445	69.21	50.175
NA	NA	NA	NA	NA
47.295	58.92	99.84	75.94	73.17
233.19	304.325	609.24	530.105	481.06
5.41	7.775	18.095	12.22	14.525
NA	NA	NA	NA	0.8
8.255	12.175	41.22	31.125	27.945
1.05	2.185	7.4	4.49	3.49
1.645	3.205	3.69	2.785	2.995
1.45	1.64	3.21	3.265	2.035
0.91	0.975	4.545	2.815	1.97
NA	NA	NA	0.47	0.17
1.6	0.46	1.915	2.165	0.82
0.38	4.485	8.775	7.885	7.585
1.61	1.55	5.785	5.55	3.155
0.84	1.985	2.725	8.09	5.74
2.82	2.505	1.8	5.7	4.515
125.26	97.515	45.74	77.23	51.25
78.84	62.93	37.21	58.355	47.825
0.97	1.43	2.295	1.52	1.925
0.53	0.395	0.28	0.92	0.5
1.61	4.38	1.4	2.3	0.785
3.19	3.855	5.67	5.46	5.175
0.53	0.68	0.415	0.555	1.41
0.87	0.705	2.875	0.965	1.58

1.24	0.77	0.795	2.995	3.22
NA	0.04	NA	NA	0.05
16.76	16.295	20.05	24.955	20.35
NA	0.035	0.11	0.16	NA
1.13	1.67	3.42	3.285	2.1
0.99	0.505	0.385	1.415	0.35
NA	NA	NA	NA	NA
18.15	16.995	6.355	6.955	8.86
22.1	18.485	20.84	19.84	20.055
NA	NA	NA	NA	NA
0.18	0.08	NA	0.045	NA
0.33	0.67	0.24	0.4	0.485
NA	NA	NA	0.05	NA
0.22	0.225	NA	NA	0.17
0.55	0.605	NA	0.505	0.395
NA	NA	NA	NA	NA
3741.165	4475.595	3634.23	3653.17	4101.52
1148.3	1293.365	965.85	999.525	995.335
26.775	30.82	22.22	22.93	22.76
1.49	1.83	1.91	2.19	2.68
0.865	1.24	0.97	1.055	1.11
1.735	2.215	2.33	2.17	2.705
67.795	91.25	61.34	74.015	63.71
21925.97	24036.17	21599.69	20523.03	25383.725
16464.76	19164.24	15199.5	15586.89	17185.125
2391.365	2870.33	1989.1	2178.16	2107.42
36.95	48.765	33.88	34.425	34.925
4.935	6.76	5.37	4.81	5.95
24.51	30.89	26.35	24.5	26.215
1353.28	1634.225	1241.64	1286.645	1281.46
8123.995	9909.75	7389.12	7754.975	8956.345
51768.36	62138.435	49200.06	50107.93	57270.07
11730.34	14767.765	10503.9	11754.05	12515.395
1419.71	1826.935	1328.94	1388.185	1442.635
37.255	45.7	32.54	36.05	39.29
71.81	86.1	78.42	79.57	92.735
590.185	671.47	594.63	693.085	790.61
5473.665	5745.295	5160.5	5451.165	6151.98
11737.22	12942.435	10366.36	11423.025	12194.77
3932.75	4488.535	3583.93	3883.265	4221.99
807.885	947.25	866.56	880.745	952.545
448.555	539.1	462.61	483.36	513.725
422.36	500.125	369.47	408.46	464.17
409.51	495.295	369.98	479.44	524.355
1218.345	1361.1	1110.5	1252.02	1421.865
404.81	516.525	411.2	457.135	644.6

432.505	542.24	402.66	447.815	510.74
1693.285	2052.73	1607.42	1792.235	2020.4
1501.125	1909.42	1360.45	1585.84	1710.045
89.99	172.96	130.68	141.9	281.27
77.255	222.285	155.37	162	400.23
57.63	108.43	76.31	83.91	192.55
191.915	239.31	182.98	210.9	246.52
704.18	831.92	622.42	697.295	825.4
13.95	20.55	16.98	19.2	27.99
20.56	31.905	26.07	30.18	45.12
21.415	66.855	47.79	53.585	130.55
15.63	72.515	46.86	58.945	143.31
17.28	28.595	27.15	32.245	41.66
29.72	44.28	38.01	46.82	49.795
3.055	7.295	5.68	6.68	9.56
5.03	10.43	8.69	10.015	14.465
5.4	20.46	15.35	18.16	25.155
6.885	16.965	14.65	16.63	25.33
8.64	25.185	19.91	22.535	34.395
5.74	18.93	15.34	16.26	35.285
1432.695	1991.03	1280.5	1512.785	1299.625
64.41	81.2	131.1	128.83	128.735
1.975	2.84	3.15	3.34	3.545
0.335	0.505	0.47	0.76	0.685
0.15	0.34	0.4	0.365	0.59
0.155	0.305	0.42	0.495	0.765
10.2	12.265	8.58	8.79	10.02
29573.89	35981.615	25747.18	26655.76	26962.255
5277.26	6347.445	5554.37	6179.78	5745.805
81.565	100.51	73.78	82.465	78.52
3.945	5.085	4	4.39	4.755
0.91	1.915	1.42	1.52	3.335
2.59	4.26	3.65	3.965	4.9
173.64	209.485	174.95	182.13	194.04
55126.57	68358.865	53066.51	52130	68380.385
81883.515	108687.48	76359.44	82835.785	89771.85
6388.955	8266.31	6481.91	7199.635	7402.21
57.05	80.06	61.17	63.12	64.84
4.3	6.045	4.68	5.01	7.195
18.735	23.835	20.74	20.37	24.78
1092.945	1247.88	1142.07	1070.86	1323.325
14732.255	18285.865	12513.19	14669.41	16034.69
201449.275	212507.415	189044.64	218585.85	236590.85
59423.18	71791.62	58773.49	65995.15	70171.43
1101.735	1413.34	1224.6	1306.775	1413.025
57.645	77.185	63.82	67.045	72.925

27.585	35.145	29.96	32.185	37.385
435.76	517.05	409.67	410.62	476.8
1143.32	1389.125	1024.96	1279.42	1417.04
17202.54	18967.825	15244.66	17775.16	19012.305
112646.31	119306.13	99563.65	122305.365	129518.85
4826.9	5461.705	4944.05	5569.8	6086.04
830.035	1013.035	960.91	1005.595	1140.175
412.295	526.91	451.22	530.78	548.06
137.255	170.37	148.73	176.475	177.61
793.835	928.475	668.34	817.58	914.515
932.565	1144.4	989.25	1168	1286.355
4654.015	5505.26	6856.22	7376.965	8041.785
887.835	1071.745	1053.08	1144.08	1576.845
460.155	567.375	465.9	522.515	639.34
1323.43	1644.585	1421.3	1599.52	1835.27
978.47	1292.845	995.32	1177.86	1283.055
41.345	62.82	49.94	61.92	71.275
111.93	119.535	85.93	90.535	117.485
261.83	295.31	236.03	264.93	329.255
134.31	184.56	178.63	186.925	250.045
46.725	95.265	72.16	77.805	110.115
158.755	216.64	192.43	211.365	247.53
481.105	622.565	521.88	601.27	688.145
5.935	11.16	7.92	9.22	15.24
29.45	39.235	25.68	25.09	38.34
90.905	110.65	89.55	82.735	114.05
41.18	57.235	62.76	57.98	89.18
13.74	24.26	21.02	23.415	32.21
18.045	30.715	26.06	30.795	41.62
35.145	46.95	43.15	49.285	61.53
0.83	2.815	2.74	2.295	4.21
3.165	6.695	6.15	5.265	8.14
13.225	21.555	16.01	14.85	23.845
9.02	14.78	13.1	15.325	24.385
3.065	6.665	5.91	6.64	10.48
3.82	12.73	9.55	11.65	24.68
4.235	15.265	11.71	14.905	31.225
9.62	11.07	17.8	15.065	15.195
3.39	4.57	8.095	6.14	6.725
19.49	23.855	34.775	29.54	33.58
NA	NA	NA	NA	0.79
137.435	139.2	233.155	205.57	196.99
788.82	790.19	1156.825	1080.735	1102.76
279.335	294.52	415.68	388.26	379.595
41.39	41.795	50.455	46.525	46.33
96.45	88.92	64.75	113.385	115.86

2.185	3.865	4.57	5.825	6.3
182.005	197.72	250.64	209.72	218.295
81.015	86.935	87.38	80.065	84.425
101.68	109.765	117.63	95.26	108.915
72.475	82.695	107.165	86.83	88.605
156.465	175.825	180.56	162.885	178.385
260.14	279.515	279.085	222.485	274.04
275.26	311.045	306.685	282.185	309.26
151.34	153.69	180.275	151.865	178.755
11.03	13.49	24.305	22.21	16.465
4.49	6.45	23.05	17.865	15.395
1.145	1.665	5.98	3.575	2.535
NA	NA	NA	0.63	NA
NA	NA	NA	NA	NA
1.315	1.135	2.315	3.015	1.635
NA	NA	NA	NA	0.385
197.705	212.545	373.82	372.385	347.695
140.58	177.245	210.38	234.165	184.915
4.015	4.31	3.735	5.21	5.415
NA	0.825	2.06	NA	1.62
1.255	0.92	1.58	1.965	2.48
NA	NA	NA	NA	NA
0.365	0.36	NA	0.47	2
975.095	859.05	1596.715	1373.58	1565.705
6054.705	6450.36	7898.225	7962.08	7601.52
1102.58	1226.43	1448.925	1463.85	1379.57
7.805	11.565	16.625	13.285	16.07
1.635	3.705	4.93	6.18	4.36
NA	NA	1.08	0.475	0.77
8.035	8.95	14.18	11.435	16.475
1685.205	1582.53	2137.155	2090.465	2302.14
25234.88	25040.085	30957.72	29496.355	30159.72
19802.925	22725.075	24272.15	24660.12	23524.16
439.86	502.25	549.51	573.745	565.955
89.99	109.055	100.455	118.245	118.495
20.675	24.84	23.03	27.425	23.19
6.955	7.465	15.12	11.31	18.26
979.315	996.61	1122.88	1048.365	1058.27
16618.52	16881.07	17910.82	17979	18795.9
58551.43	62144.36	66914.045	65097.075	70623.155
3530.255	3769.115	4036.985	3867.115	4207.235
1460.175	1624.025	1568.645	1442.215	1560.695
661.585	680.955	799.915	783.47	815.875
80.875	93.07	117.12	99.575	105.215
114.67	121.76	139.265	124.53	133.27
423.245	424.185	561.08	539.005	540.105

2353.41	2493.87	3160.29	3094.145	3352.44
1115.505	1198.66	1318.795	1251.595	1363.945
4843.98	4904.87	4042.655	3782.38	4201.085
6580.46	6299.97	6015.45	5455.515	6519.77
2199.065	2465.855	2487.865	2160.925	2481.015
24.455	31.745	30.03	29.26	32.93
110.21	114.89	120.475	125.575	139.92
526.01	528.025	621.885	684.055	734.5
193.99	198.68	254.42	260.34	301.67
289.63	304.21	328.825	314.745	369.865
1609.825	1500.34	1627.375	1478.37	1748.995
3862.98	3845.47	4672.595	4181.395	4632.665
6.37	13.36	11.795	9.945	15.46
60.2	60.235	51.28	50.965	66.505
195.275	164.755	210.58	186.835	235.13
66.045	70.08	81.435	79.55	105.45
47.03	45.06	36.805	37.285	47.92
135.655	126.335	104.76	98.105	118.035
97.33	105.55	122.455	91.97	132.19
0.56	2.51	1.345	1.605	2.01
2.19	3.965	4.72	7.33	7.48
13.285	12.83	20.605	19.05	30.64
8.35	7.655	11.925	9.82	16.905
17.615	17.89	12.53	12.385	19.285
72.775	92.11	70.105	56.6	78.835
43.165	51.23	52.755	37.33	67.825
14.1	7.865	8.435	11.495	11.99
261.43	215.695	187.07	168.985	235.895
46.03	52.925	44.375	53.78	53.125
2.45	1.51	3.63	4.965	2.31
8.01	8.97	10.73	6.84	13.59
22.26	33.015	39.775	36.75	44.605
105.09	104.8	86.08	98.35	119.65
7.53	6.575	8.205	9.84	11.06
2.26	1.785	1.55	3.295	2.53
3.01	4.935	4	4.91	5.135
4.18	4.525	6.53	10.155	11.295
36.21	33.12	51.8	35.135	57.12
1.07	0.465	1.285	2.015	1.65
6.09	7.28	14.48	6.14	10.345
347.57	384.225	578.18	512.36	615.265
308.17	283.95	420.155	388.65	432.66
13.16	16.39	19.13	18.405	19.145
0.22	0.89	1.73	1.66	1.675
0.3	0.59	0.575	0.75	0.75
107.06	133.805	150.9	155.275	170.355

	642.86	752.785	719.12	742.135	795.115
	180.14	169.34	166.105	209.68	202.32
	22.78	38.09	30.445	30.14	34.22
	19.89	27.515	25.33	22.605	36.375
	211.27	182.005	224.18	238.04	262.635
	206.97	244.75	293.605	299.845	328.135
	53.61	47.795	57.91	69.93	65.02
	24.1	20.56	24.18	22.74	27.81
	22.58	13.265	7.6	16.195	20.66
	33.75	42.05	35.11	38.395	39.19
	23.68	36.52	24.3	42.855	36.415
	45.11	30.075	28.73	51.23	58.56
	1.46	2.87	2.255	4.43	5.8
	6.31	7.13	5.735	8.76	7.795
	4.69	6.11	5.25	2.27	9.025
	68.09	73.795	36.89	53.515	53.865
	11.2	12.49	14.16	19.77	13.47
	7.32	8.56	10.15	8.835	13.01
	1.89	2.02	3.4	2.805	3.175
	1.2	1.525	1.855	1.79	2.69
	10.84	6.435	11.49	12.245	9.895
	24.71	26.245	42.445	45.6	57.815
	499.89	527.755	529.475	465.475	578.975
	83.86	116.27	91.965	95.835	118.015
	2.38	1.25	0.945	0.99	1.85
	0.75	1.31	1.29	3.545	2.555
	2.37	1.84	2.53	2	4.88
	2.71	2.07	3.495	2.58	5.56
	10000	10000	10000	10000	10000
	119.59	102.775	223.97	135.54	230.51
	625.71	583.355	1160.43	851.455	1268.58
	347.4	385.92	504.935	496.79	542.965
	2.35	3.285	4.295	3.27	6.765
NA		0.275	0.545	0.25	0.35
NA		0.175	0.275	0.975	0.835
	2.57	2.315	7.245	4.905	2.86
	550.35	486.545	952.96	648.26	1085.95
	8945.67	8347.24	14628.77	10675.735	15265.7
	5336.65	5262.375	8910.37	7273.44	8955.015
	38.1	48.67	91.105	64.625	86.725
	1.19	1.33	0.255	0.625	1.85
	0.49	0.515	0.565	0.67	0.595
	2.03	4.375	6.64	3.29	7.18
	1182.2	1148.74	1282.68	1185.895	1317.955
	23272.75	23451.375	24191.435	23221.55	24838.29
	30439.36	31258.16	38236.555	35910.205	39519.36

1130.77	1216.7	1783.7	1599.165	1698.755
145.67	146.09	184.11	178.12	191.225
30.57	35.16	40.365	45.165	42.025
41.96	24.18	47.625	43.37	51.51
123.44	94.605	153.985	135.675	206.34
1216.46	1226.565	1382.43	1387.77	1559.52
7371.55	7564.48	8673.655	8681.005	8543.535
5020.54	4981.265	5576.895	5779.83	5786.07
4855.08	4818.03	5736.75	5270.36	5584.89
1761.3	1811.665	2412.89	2322.325	2482.905
176.59	177.325	219.145	190.12	260.015
166.39	133.925	152.1	191.16	234.66
305.83	225.63	280.045	362.655	413.175
701.5	800.38	869.365	869.855	1015.25
603.22	642.285	739.265	765.615	849.585
570.73	659.445	593.07	604.735	622.1
1154.11	1134.32	1003.635	967.7	1139.64
815.15	879.285	725.48	708.55	837.09
22.58	11.775	18.945	18.5	26.2
76.15	71.57	61.315	77.945	96.905
266.88	324.695	281.52	333.335	315.3
350.15	365.135	333.43	443.535	475.21
33.3	27.525	32.475	38.39	47.255
8.59	5.725	6.495	9.645	10.45
12.27	9.835	3.865	7.32	8.95
10.64	3.645	5.07	8.2	13.935
21.41	17.89	10.65	23.005	28.165
26.31	24.515	22.41	33.965	21.335
61.9	67.73	49.375	75.665	57.51
52.52	54.795	37.925	63.65	58.035
41.55	52.255	26.5	47.37	54.75
17.78	15.26	17.465	20.405	17.365
5.82	3.31	7.36	5.925	7.445
0.8	1.15	0.7	0.89	0.71
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
1.73	4.11	2.89	2.84	2.78
61.32	61.28	150.775	113.09	130.73
247.02	281.625	447.82	375.73	382.07
52.12	45.935	45.615	53.08	48.855
15.27	19.845	18.665	16.81	19.48
NA	0.06	0.18	0.145	0.095
72.15	82.02	94.465	94.27	97.345
510.07	541.285	676.955	596.58	618.62
185.79	175.345	198.77	176.795	194.085
12.04	19.35	23.075	18.325	20.625

2.36	2.275	3.735	3.125	3.265
1.31	3.565	5.79	3.33	3.26
27.99	27.41	34.635	37.59	35.775
119.33	143.905	205.45	184.695	183.985
80.25	85.325	116.245	101.305	114.445
10.86	10.365	16.06	9.805	9.51
6.96	7.83	11.415	8.03	9.125
11.53	10.51	13.805	15.98	18.32
16.42	25.555	30.37	28.625	28.56
22.05	24.285	37.515	27.81	28.2
52.21	55.875	74.395	64.79	72.375
10.65	9.9	17.935	9.775	14.94
13.65	13.915	25.055	18.57	19.03
26.64	21.95	24.78	23.49	32.375
0.13	0.3	0.315	0.045	0.39
0.56	NA	0.09	0.565	0.065
NA	NA	NA	NA	NA
0.54	0.43	0.67	0.665	0.74
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
24.58	19.515	69.495	68.395	70.11
11.37	11.015	10.335	14.88	9.18
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
0.11	0.055	0.15	0.115	0.035
33000	33000	33000	33000	33000
238.16	185.68	803.96	601.215	804.35
739.51	823.365	916.585	935.58	908.61
4.03	6.495	4.695	6.765	5.26
NA	NA	0.12	0.64	0.32
NA	0.155	0.07	NA	NA
0.13	1.075	2.3	2.175	2.07
11.17	19.91	19.655	18.535	16.125
525.98	534.555	1396.275	1204.295	1339.775
7351.59	7983.63	11526.215	10101.26	10744.095
1067.74	1053.935	1199.44	1118.805	1125.465
6.71	7.925	18.695	18.13	16.835
6.22	6.61	6.21	6.675	6.195
0.21	NA	0.25	0.145	0.24
1.87	3.59	5.625	7.205	5.67
821.07	914.015	1103.42	1106.08	1147.05
15228.39	15263.565	18208.895	18634.62	18865.91

7404.13	8362.905	8562.285	8445.77	8592.28
131.25	132.81	168.365	153.865	160.75
112.82	114.55	121.04	108.31	103.28
12.64	16.775	18.475	14.11	15.33
3.38	2.77	6.03	3.655	5.195
31.92	44.84	71.34	66.75	70.765
457.91	496.16	691.14	609.52	727.835
1330.34	1387.165	1918.24	1714.54	1754.18
194.56	180.59	238.82	220.84	229.31
319.64	367.165	382.045	340.275	302.62
195.66	201.02	218.055	193.86	182.77
41.03	41.955	66.78	43.97	47.545
20.09	20.06	22.69	21.74	24.09
331.49	332.2	382.475	293.27	346.845
960.03	1047.82	1272.725	1172.105	1230.07
88.1	97.43	171.14	105.995	133.415
72.14	78.48	115.605	72.94	99.755
305.08	325.865	488.57	344.465	465.345
532.54	512.82	825.21	514.78	678.39
5.67	9.485	3.045	1.74	7.11
122.77	117.845	84.395	65.155	77.235
373.08	347.625	351.615	261.18	330.61
53.23	59.1	88.01	77.41	90.865
8.78	6.135	7.855	6.275	6.41
20.81	11.075	14.95	15.4	14.88
14.95	14.765	18.48	11.195	18.975
0.1	NA	NA	0.065	0.04
0.5	0.565	0.435	0.69	0.46
7.55	4.62	6.35	4.125	5.98
1.05	0.87	2.65	2.1	2.435
1.01	1.36	0.355	0.505	0.81
2.53	2.685	2.295	3.61	4.555
4.08	3.935	7.05	1.92	6.465
0.92	0.95	5.865	5.745	6.33
15.045	16.28	163.55	149.215	170.29
0.19	0.185	0.67	0.51	0.66
18.725	22.22	113.08	113.085	140.98
300.57	367.705	2537.785	2254.53	2472.87
1.875	2.155	6.85	5.595	8.25
18.81	24.595	32.935	35.615	39.81
9.315	13.735	95.115	94.885	102.96
0.785	0.885	5.59	5.7	6.62
7.135	11.49	27.775	29.85	29.66
1.075	1.3	4.795	4.925	5.9
0.04	0.05	0.09	0.115	0.13
4.295	4.695	13.145	16.345	17.195

19.03	29.715	214.275	245.87	296.84
20.16	29.875	250.96	282.875	279.475
0.545	0.675	4.365	2.76	2.94
2.23	2.51	14.505	14.755	16.3
69.15	95.135	816.49	794	961.37
859.28	1108.925	9418.755	9659.79	10230.75
32.855	44.22	210.76	197.605	234.07
0.085	0.12	0.42	0.51	0.435
0.205	0.205	1.545	1.595	1.635
0.67	1.025	10.165	10.43	10.805
0.235	0.265	2.525	2.515	2.805

LipidName	standard_ion	AGPAT1_1_myr_p2_1
C12SM	C12SM	25000
C17Cer(-H2O)	C17Cer	5000
C8GC(-H2O)	C8GC	1000
Cer32:1(-H2O)	C17Cer	10.625
Cer32:2	C17Cer	1.215
Cer34:1(-H2O)	C17Cer	40.125
Cer36:1(-H2O)	C17Cer	10.47
Cer36:2	C17Cer	1.915
Cer38:1(-H2O)	C17Cer	14.08
Cer38:2	C17Cer	1.98
Cer40:1(-H2O)	C17Cer	29.27
Cer40:2(-H2O)	C17Cer	107.345
Cer42:1(-H2O)	C17Cer	41.665
Cer42:2	C17Cer	55.365
Cer42:2(-H2O)	C17Cer	331.185
Cer44:1(-H2O)	C17Cer	2.14
Cer44:2	C17Cer	1.05
Cer44:2(-H2O)	C17Cer	7.515
CerP34:1(-H2O)	C17Cer	3.685
CerP36:1	C17Cer	8.465
CerP36:1(-H2O)	C17Cer	8.44
CerP38:1	C17Cer	1.13
CerP38:1(-H2O)	C17Cer	1.51
CerP42:1(-H2O)	C17Cer	0.66
CL68:3_C16:0	CL56:0	81.335
CL68:3_C16:1	CL56:0	163.88
CL68:3_C18:1	CL56:0	438.07
CL68:3_C18:2	CL56:0	NA
CL68:4_C16:0	CL56:0	2.11
CL68:4_C16:1	CL56:0	1459.435
CL68:4_C18:1	CL56:0	1759.235
CL68:4_C18:2	CL56:0	5.165
CL68:5_C16:0	CL56:0	NA
CL68:5_C16:1	CL56:0	143.075
CL68:5_C18:1	CL56:0	63.81
CL68:5_C18:2	CL56:0	45.455
CL68:6_C16:1	CL56:0	8.16
CL68:6_C18:2	CL56:0	1.425
CL70:2_C16:0	CL56:0	9.385
CL70:2_C18:0	CL56:0	2.05
CL70:2_C18:1	CL56:0	22.415
CL70:2_C20:1	CL56:0	NA
CL70:3_C16:0	CL56:0	28.125
CL70:3_C18:1	CL56:0	272.9
CL70:4_C16:0	CL56:0	2.165

CL70:4_C18:1	CL56:0		1670.675
CL70:4_C18:2	CL56:0		6.59
CL70:5_C16:0	CL56:0	NA	
CL70:5_C16:1	CL56:0		63.46
CL70:5_C18:1	CL56:0		229.58
CL70:5_C18:2	CL56:0		59.695
CL70:6_C16:0	CL56:0	NA	
CL70:6_C16:1	CL56:0		6.345
CL70:6_C18:1	CL56:0		8.28
CL70:6_C18:2	CL56:0		3.86
CL70:7_C16:1	CL56:0		1.305
CL70:7_C18:2	CL56:0	NA	
CL72:10_C16:1	CL56:0	NA	
CL72:10_C20:4	CL56:0	NA	
CL72:11_C16:1	CL56:0	NA	
CL72:11_C18:2	CL56:0	NA	
CL72:11_C20:4	CL56:0	NA	
CL72:11_C22:6	CL56:0	NA	
CL72:4_C18:1	CL56:0		267.645
CL72:5_C18:0	CL56:0	NA	
CL72:5_C18:1	CL56:0		73.355
CL72:5_C18:2	CL56:0		10.79
CL72:6_C18:1	CL56:0		13.79
CL72:6_C18:2	CL56:0		2.51
CL72:7_C18:1	CL56:0		1.285
CL72:7_C18:2	CL56:0	NA	
CL72:8_C18:2	CL56:0	NA	
CL72:9_C16:0	CL56:0	NA	
CL72:9_C16:1	CL56:0		0.78
CL72:9_C18:2	CL56:0	NA	
CL72:9_C18:3	CL56:0	NA	
CL72:9_C20:4	CL56:0	NA	
CL74:10_C16:0	CL56:0	NA	
CL74:10_C16:1	CL56:0	NA	
CL74:10_C18:1	CL56:0	NA	
CL74:10_C18:2	CL56:0	NA	
CL74:10_C20:3	CL56:0	NA	
CL74:10_C20:4	CL56:0	NA	
CL74:10_C22:6	CL56:0	NA	
CL74:5_C18:1	CL56:0		0.355
CL74:5_C18:2	CL56:0	NA	
CL74:5_C20:1	CL56:0	NA	
CL74:6_C18:1	CL56:0		0.55
CL74:6_C18:2	CL56:0	NA	
CL74:6_C20:1	CL56:0	NA	
CL74:6_C20:2	CL56:0	NA	

CL74:7_C18:1	CL56:0	NA	
CL74:7_C18:2	CL56:0	NA	
CL74:7_C20:1	CL56:0	NA	
CL74:7_C20:2	CL56:0	NA	
CL74:8_C18:2	CL56:0	NA	
CL74:8_C20:2	CL56:0	NA	
CL74:9_C18:1	CL56:0		0.185
CL74:9_C18:2	CL56:0	NA	
CL74:9_C20:3	CL56:0	NA	
CL74:9_C20:4	CL56:0	NA	
CL76:10_C18:1	CL56:0	NA	
CL76:10_C18:2	CL56:0	NA	
CL76:10_C20:3	CL56:0	NA	
CL76:10_C20:4	CL56:0	NA	
CL76:10_C22:5	CL56:0	NA	
CL76:10_C22:6	CL56:0	NA	
CL76:11_C18:1	CL56:0	NA	
CL76:11_C18:2	CL56:0	NA	
CL76:11_C22:5	CL56:0	NA	
CL76:11_C22:6	CL56:0	NA	
CL76:12_C18:2	CL56:0	NA	
CL76:12_C22:6	CL56:0	NA	
CL76:9_C18:0	CL56:0	NA	
CL76:9_C18:1	CL56:0	NA	
CL76:9_C18:2	CL56:0	NA	
CL76:9_C20:1	CL56:0	NA	
CL76:9_C20:4	CL56:0	NA	
CL76:9_C22:6	CL56:0	NA	
CL78:12_C18:1	CL56:0	NA	
CL78:12_C18:2	CL56:0	NA	
CL78:12_C20:2	CL56:0	NA	
CL78:12_C20:3	CL56:0	NA	
CL78:12_C22:6	CL56:0	NA	
CL78:13_C18:2	CL56:0	NA	
CL78:13_C20:3	CL56:0	NA	
CL78:13_C22:6	CL56:0	NA	
CL78:14_C18:2	CL56:0	NA	
CL78:14_C20:4	CL56:0	NA	
CL78:14_C22:6	CL56:0	NA	
CL78:15_C18:2	CL56:0	NA	
CL78:15_C18:3	CL56:0	NA	
CL78:15_C20:4	CL56:0	NA	
CL78:15_C22:6	CL56:0	NA	
CL80:14_C18:2	CL56:0	NA	
CL80:14_C22:6	CL56:0	NA	
DHCer28:1(-H2O)	C17Cer		14.115

DHCer30:1	C17Cer	2.12
DHCer32:1	C17Cer	1.155
DHCer34:0(-H2O)	C17Cer	4
DHCer36:0(-H2O)	C17Cer	3.59
DHCer38:1(-H2O)	C17Cer	3.9
DHCer40:0(-H2O)	C17Cer	12.845
DHCer40:1(-H2O)	C17Cer	15.865
DHCer42:0(-H2O)	C17Cer	24.925
DHCer42:1	C17Cer	1.465
DHCer42:1(-H2O)	C17Cer	110.535
DHCer44:1(-H2O)	C17Cer	2.665
DLPC	DLPC	4000
GlcCer28:1(-H2O)	C8GC	2.93
GlcCer28:2(-H2O)	C8GC	1.925
GlcCer30:1(-H2O)	C8GC	3.71
GlcCer30:2(-H2O)	C8GC	5.905
GlcCer32:1(-H2O)	C8GC	4.865
GlcCer32:2(-H2O)	C8GC	1.15
GlcCer34:1(-H2O)	C8GC	36.825
GlcCer34:2(-H2O)	C8GC	1.16
GlcCer36:1(-H2O)	C8GC	4.12
GlcCer36:2(-H2O)	C8GC	0.73
GlcCer38:1(-H2O)	C8GC	2.265
GlcCer38:2(-H2O)	C8GC	1.275
GlcCer40:1(-H2O)	C8GC	11.43
GlcCer40:2(-H2O)	C8GC	14.745
GlcCer42:1(-H2O)	C8GC	29.02
GlcCer42:2(-H2O)	C8GC	178.15
GlcCer44:2(-H2O)	C8GC	4.8
GlcDHCer28:0(-H2O)	C8GC	2.28
GlcDHCer36:0(-H2O)	C8GC	1.12
GlcDHCer38:0(-H2O)	C8GC	0.915
GlcDHCer40:0(-H2O)	C8GC	0.78
GlcDHCer40:1(-H2O)	C8GC	0.455
GlcDHCer42:0(-H2O)	C8GC	0.985
GlcDHCer42:1(-H2O)	C8GC	2.525
LysoPC14:0	DLPC	6.72
LysoPC14:1	DLPC	0.625
LysoPC14:2	DLPC	0.165
LysoPC16:0	DLPC	74.385
LysoPC16:1	DLPC	16.08
LysoPC16:2	DLPC	0.59
LysoPC18:0	DLPC	14.535
LysoPC18:1	DLPC	88.97
LysoPC18:2	DLPC	0.805
LysoPC20:0	DLPC	1.32

LysoPC20:1	DLPC	9.905
LysoPC20:2	DLPC	2.175
LysoPC22:0	DLPC	1.44
LysoPC22:1	DLPC	1
LysoPC22:2	DLPC	0.485
LysoPE14:0	PE31:1	4.32
LysoPE14:1	PE31:1	5.465
LysoPE14:2	PE31:1	NA
LysoPE16:0	PE31:1	62.295
LysoPE16:1	PE31:1	74.02
LysoPE16:2	PE31:1	NA
LysoPE18:0	PE31:1	74.37
LysoPE18:1	PE31:1	437.805
LysoPE18:2	PE31:1	17.355
LysoPE20:0	PE31:1	1.695
LysoPE20:1	PE31:1	52.47
LysoPE20:2	PE31:1	6.33
LysoPE22:0	PE31:1	2.98
LysoPE22:1	PE31:1	4.35
LysoPE22:2	PE31:1	7.265
LysoPI14:0	PI31:1	NA
LysoPI14:1	PI31:1	0.735
LysoPI14:2	PI31:1	NA
LysoPI16:0	PI31:1	2.125
LysoPI16:1	PI31:1	4.15
LysoPI16:2	PI31:1	NA
LysoPI18:0	PI31:1	99.38
LysoPI18:1	PI31:1	78.385
LysoPI18:2	PI31:1	2.855
LysoPI20:0	PI31:1	0.2
LysoPI20:1	PI31:1	3.705
LysoPI20:2	PI31:1	8.18
LysoPI22:0	PI31:1	1.315
LysoPI22:1	PI31:1	0.485
LysoPI22:2	PI31:1	1.925
LysoPS14:0	PS31:1	NA
LysoPS14:1	PS31:1	8.09
LysoPS14:2	PS31:1	NA
LysoPS16:0	PS31:1	2.425
LysoPS16:1	PS31:1	1.1
LysoPS16:2	PS31:1	NA
LysoPS18:0	PS31:1	19.645
LysoPS18:1	PS31:1	21.055
LysoPS18:2	PS31:1	NA
LysoPS20:0	PS31:1	0.09
LysoPS20:1	PS31:1	0.695

LysoPS20:2	PS31:1	NA
LysoPS22:0	PS31:1	0.235
LysoPS22:1	PS31:1	1.125
LysoPS22:2	PS31:1	NA
PC(O-)30:0	DLPC	5872.67
PC(O-)30:1	DLPC	1039.565
PC(O-)30:2	DLPC	19.095
PC(O-)30:3	DLPC	1.54
PC(O-)30:4	DLPC	1.13
PC(O-)30:5	DLPC	3.06
PC(O-)30:6	DLPC	99.245
PC(O-)32:0	DLPC	34967.475
PC(O-)32:1	DLPC	21867.745
PC(O-)32:2	DLPC	2141.405
PC(O-)32:3	DLPC	27.77
PC(O-)32:4	DLPC	3.36
PC(O-)32:5	DLPC	25.07
PC(O-)32:6	DLPC	1633.02
PC(O-)34:0	DLPC	10413.725
PC(O-)34:1	DLPC	75026.555
PC(O-)34:2	DLPC	13322.415
PC(O-)34:3	DLPC	1541.225
PC(O-)34:4	DLPC	26.765
PC(O-)34:5	DLPC	86.66
PC(O-)36:0	DLPC	622.59
PC(O-)36:1	DLPC	6275.45
PC(O-)36:2	DLPC	13593.485
PC(O-)36:3	DLPC	3808.105
PC(O-)36:4	DLPC	612.78
PC(O-)36:5	DLPC	275.3
PC(O-)36:6	DLPC	420.61
PC(O-)38:1	DLPC	402.35
PC(O-)38:2	DLPC	1525.48
PC(O-)38:3	DLPC	625.745
PC(O-)38:4	DLPC	339.49
PC(O-)38:5	DLPC	1309.41
PC(O-)38:6	DLPC	874.58
PC(O-)40:2	DLPC	159.2
PC(O-)40:3	DLPC	309.04
PC(O-)40:4	DLPC	76.94
PC(O-)40:5	DLPC	140.245
PC(O-)40:6	DLPC	537.125
PC(O-)42:1	DLPC	13.49
PC(O-)42:2	DLPC	21.955
PC(O-)42:3	DLPC	32.62
PC(O-)42:4	DLPC	30.32

PC(O-)42:5	DLPC	15.87
PC(O-)42:6	DLPC	25.28
PC(O-)44:1	DLPC	3.985
PC(O-)44:2	DLPC	5.69
PC(O-)44:3	DLPC	10.39
PC(O-)44:4	DLPC	7.475
PC(O-)44:5	DLPC	15.17
PC(O-)44:6	DLPC	20.075
PC28:0	DLPC	2045.465
PC28:1	DLPC	92.535
PC28:2	DLPC	2.58
PC28:3	DLPC	0.6
PC28:4	DLPC	0.31
PC28:5	DLPC	0.555
PC28:6	DLPC	13.775
PC30:0	DLPC	33831.875
PC30:1	DLPC	6994.03
PC30:2	DLPC	70.595
PC30:3	DLPC	4.015
PC30:4	DLPC	1.645
PC30:5	DLPC	4.685
PC30:6	DLPC	252.19
PC32:0	DLPC	73923.265
PC32:1	DLPC	99813.575
PC32:2	DLPC	8811.575
PC32:3	DLPC	50.24
PC32:4	DLPC	3.905
PC32:5	DLPC	25.88
PC32:6	DLPC	1747.545
PC34:0	DLPC	16014.41
PC34:1	DLPC	230089.25
PC34:2	DLPC	75235.435
PC34:3	DLPC	1413.23
PC34:4	DLPC	41.775
PC34:5	DLPC	30.455
PC34:6	DLPC	540.32
PC36:0	DLPC	1024.845
PC36:1	DLPC	20057.015
PC36:2	DLPC	148539.57
PC36:3	DLPC	5430.97
PC36:4	DLPC	380.74
PC36:5	DLPC	157.43
PC36:6	DLPC	87.05
PC38:0	DLPC	495.425
PC38:1	DLPC	920.42
PC38:2	DLPC	6194.29

PC38:3	DLPC	1387.22
PC38:4	DLPC	286.985
PC38:5	DLPC	546.56
PC38:6	DLPC	357.91
PC40:0	DLPC	46.795
PC40:1	DLPC	104.735
PC40:2	DLPC	303.185
PC40:3	DLPC	233.7
PC40:4	DLPC	43.415
PC40:5	DLPC	78.7
PC40:6	DLPC	212.215
PC42:0	DLPC	6.615
PC42:1	DLPC	31.525
PC42:2	DLPC	106.775
PC42:3	DLPC	59.515
PC42:4	DLPC	15.59
PC42:5	DLPC	13.585
PC42:6	DLPC	22.145
PC44:0	DLPC	1.885
PC44:1	DLPC	3.615
PC44:2	DLPC	16.98
PC44:3	DLPC	12.645
PC44:4	DLPC	7.81
PC44:5	DLPC	22.63
PC44:6	DLPC	32.57
PE(O-)30:0	PE31:1	14.985
PE(O-)30:1	PE31:1	5.44
PE(O-)32:2	PE31:1	42.345
PE(O-)32:5	PE31:1	NA
PE(O-)34:0	PE31:1	175.31
PE(O-)34:1	PE31:1	998.785
PE(O-)34:2	PE31:1	400
PE(O-)34:3	PE31:1	77.235
PE(O-)34:4	PE31:1	106.12
PE(O-)34:5	PE31:1	9.45
PE(O-)36:3	PE31:1	250.92
PE(O-)36:4	PE31:1	77.55
PE(O-)36:5	PE31:1	94.55
PE(O-)36:6	PE31:1	75.12
PE(O-)38:4	PE31:1	116.745
PE(O-)38:5	PE31:1	213.455
PE(O-)38:6	PE31:1	261.49
PE(O-)40:6	PE31:1	132.61
PE28:0	PE31:1	28.775
PE28:1	PE31:1	17.69
PE28:2	PE31:1	2.15

PE28:3	PE31:1	NA
PE28:4	PE31:1	NA
PE28:5	PE31:1	0.55
PE28:6	PE31:1	1.465
PE30:0	PE31:1	293.47
PE30:1	PE31:1	232.41
PE30:2	PE31:1	4.82
PE30:3	PE31:1	NA
PE30:4	PE31:1	0.555
PE30:5	PE31:1	NA
PE30:6	PE31:1	0.93
PE32:0	PE31:1	1245.38
PE32:1	PE31:1	8745.405
PE32:2	PE31:1	1862.055
PE32:3	PE31:1	9.58
PE32:4	PE31:1	4.195
PE32:5	PE31:1	NA
PE32:6	PE31:1	12.51
PE34:0	PE31:1	1942.655
PE34:1	PE31:1	30094.51
PE34:2	PE31:1	32219.055
PE34:3	PE31:1	550.205
PE34:4	PE31:1	125.425
PE34:5	PE31:1	27.79
PE34:6	PE31:1	7.32
PE36:0	PE31:1	915.58
PE36:1	PE31:1	16890.075
PE36:2	PE31:1	73341.545
PE36:3	PE31:1	3667.945
PE36:4	PE31:1	1143.075
PE36:5	PE31:1	570.995
PE36:6	PE31:1	55.765
PE38:0	PE31:1	104.72
PE38:1	PE31:1	439.665
PE38:2	PE31:1	3035.625
PE38:3	PE31:1	1073.54
PE38:4	PE31:1	2669.71
PE38:5	PE31:1	4244.175
PE38:6	PE31:1	1279.77
PE40:0	PE31:1	19.45
PE40:1	PE31:1	115.275
PE40:2	PE31:1	509.065
PE40:3	PE31:1	261.32
PE40:4	PE31:1	236.07
PE40:5	PE31:1	929.1
PE40:6	PE31:1	2347.59

PE42:0	PE31:1	6.645
PE42:1	PE31:1	51.27
PE42:2	PE31:1	166.6
PE42:3	PE31:1	69.82
PE42:4	PE31:1	36.32
PE42:5	PE31:1	84.585
PE42:6	PE31:1	62.88
PE44:0	PE31:1	NA
PE44:1	PE31:1	3.2
PE44:2	PE31:1	13.925
PE44:3	PE31:1	9.905
PE44:4	PE31:1	15.735
PE44:5	PE31:1	68.1
PE44:6	PE31:1	43.49
PI(O-)30:0	PI31:1	4.51
PI(O-)30:1	PI31:1	125.495
PI(O-)30:2	PI31:1	30.685
PI(O-)30:3	PI31:1	2.285
PI(O-)30:5	PI31:1	6.26
PI(O-)30:6	PI31:1	16.9
PI(O-)32:2	PI31:1	55.225
PI(O-)32:3	PI31:1	3.56
PI(O-)32:4	PI31:1	1.145
PI(O-)32:5	PI31:1	3.3
PI(O-)32:6	PI31:1	4.225
PI(O-)34:2	PI31:1	38.12
PI(O-)34:5	PI31:1	0.83
PI(O-)34:6	PI31:1	8.205
PI(O-)36:1	PI31:1	392.265
PI(O-)36:2	PI31:1	311.53
PI(O-)36:3	PI31:1	11.035
PI(O-)36:4	PI31:1	0.165
PI(O-)36:5	PI31:1	0.39
PI(O-)38:1	PI31:1	100.135
PI(O-)38:2	PI31:1	558.38
PI(O-)38:3	PI31:1	137.76
PI(O-)38:4	PI31:1	14.185
PI(O-)38:5	PI31:1	17.215
PI(O-)40:2	PI31:1	143.42
PI(O-)40:3	PI31:1	145.055
PI(O-)40:4	PI31:1	25.235
PI(O-)40:5	PI31:1	6.82
PI(O-)42:1	PI31:1	8.995
PI(O-)42:2	PI31:1	14.27
PI(O-)42:3	PI31:1	18.17
PI(O-)42:6	PI31:1	34.525

PI(O-)44:1	PI31:1	1.455
PI(O-)44:4	PI31:1	1.735
PI28:0	PI31:1	3.28
PI28:1	PI31:1	34.38
PI28:2	PI31:1	6.745
PI28:3	PI31:1	3.99
PI28:4	PI31:1	0.57
PI28:5	PI31:1	2.01
PI28:6	PI31:1	8.17
PI30:0	PI31:1	27.32
PI30:1	PI31:1	314.19
PI30:2	PI31:1	57.525
PI30:3	PI31:1	0.12
PI30:4	PI31:1	0.555
PI30:5	PI31:1	0.88
PI30:6	PI31:1	1.66
PI31:1	PI31:1	10000
PI32:0	PI31:1	182.995
PI32:1	PI31:1	1045.19
PI32:2	PI31:1	350.96
PI32:3	PI31:1	2.915
PI32:4	PI31:1	0.44
PI32:5	PI31:1	0.48
PI32:6	PI31:1	2.985
PI34:0	PI31:1	778.235
PI34:1	PI31:1	11565.25
PI34:2	PI31:1	9318.91
PI34:3	PI31:1	86.235
PI34:4	PI31:1	0.945
PI34:5	PI31:1	NA
PI34:6	PI31:1	2.26
PI36:0	PI31:1	1061.7
PI36:1	PI31:1	21310.11
PI36:2	PI31:1	38728.54
PI36:3	PI31:1	1537.075
PI36:4	PI31:1	74.25
PI36:5	PI31:1	18.915
PI36:6	PI31:1	46.06
PI38:0	PI31:1	158.61
PI38:1	PI31:1	1265.17
PI38:2	PI31:1	7816.665
PI38:3	PI31:1	4653.95
PI38:4	PI31:1	1940.04
PI38:5	PI31:1	782.425
PI38:6	PI31:1	64.84
PI40:0	PI31:1	190.93

PI40:1	PI31:1	375.815
PI40:2	PI31:1	687.195
PI40:3	PI31:1	629.94
PI40:4	PI31:1	204.78
PI40:5	PI31:1	287.485
PI40:6	PI31:1	227.145
PI42:0	PI31:1	19.975
PI42:1	PI31:1	71.115
PI42:2	PI31:1	157.365
PI42:3	PI31:1	260.765
PI42:4	PI31:1	15.675
PI42:5	PI31:1	1.41
PI42:6	PI31:1	4.67
PI44:0	PI31:1	5.39
PI44:1	PI31:1	12.13
PI44:2	PI31:1	15.305
PI44:3	PI31:1	31.36
PI44:4	PI31:1	20.08
PI44:5	PI31:1	12.355
PI44:6	PI31:1	2.495
PS(O-)30:0	PS31:1	3.8
PS(O-)30:1	PS31:1	0.35
PS(O-)30:2	PS31:1	NA
PS(O-)30:6	PS31:1	NA
PS(O-)32:2	PS31:1	3.685
PS(O-)34:0	PS31:1	71.19
PS(O-)34:1	PS31:1	297.485
PS(O-)34:2	PS31:1	50.355
PS(O-)34:3	PS31:1	22.675
PS(O-)34:5	PS31:1	NA
PS(O-)36:0	PS31:1	71.045
PS(O-)36:1	PS31:1	459.36
PS(O-)36:2	PS31:1	156.67
PS(O-)36:3	PS31:1	15.41
PS(O-)36:4	PS31:1	2.2
PS(O-)36:5	PS31:1	1.4
PS(O-)38:0	PS31:1	14.265
PS(O-)38:1	PS31:1	94.99
PS(O-)38:2	PS31:1	77.16
PS(O-)38:3	PS31:1	5.77
PS(O-)38:4	PS31:1	6.055
PS(O-)38:5	PS31:1	10.63
PS(O-)38:6	PS31:1	16.92
PS(O-)40:1	PS31:1	18.33
PS(O-)40:2	PS31:1	44.42
PS(O-)40:5	PS31:1	7.925

PS(O-)40:6	PS31:1		9.815
PS(O-)42:2	PS31:1		13.295
PS(O-)44:6	PS31:1		0.105
PS28:0	PS31:1		0.215
PS28:1	PS31:1	NA	
PS28:2	PS31:1		0.07
PS28:3	PS31:1	NA	
PS28:4	PS31:1	NA	
PS28:5	PS31:1	NA	
PS28:6	PS31:1	NA	
PS30:0	PS31:1		23.925
PS30:1	PS31:1		15.525
PS30:2	PS31:1	NA	
PS30:3	PS31:1	NA	
PS30:4	PS31:1	NA	
PS30:5	PS31:1	NA	
PS30:6	PS31:1	NA	
PS31:1	PS31:1		33000
PS32:0	PS31:1		240.635
PS32:1	PS31:1		1003.615
PS32:2	PS31:1		7.98
PS32:3	PS31:1		0.12
PS32:4	PS31:1	NA	
PS32:5	PS31:1	NA	
PS32:6	PS31:1		11.855
PS34:0	PS31:1		535.515
PS34:1	PS31:1		8183.635
PS34:2	PS31:1		1319.77
PS34:3	PS31:1		8.88
PS34:4	PS31:1		8.96
PS34:5	PS31:1		0.06
PS34:6	PS31:1		1.45
PS36:0	PS31:1		721.625
PS36:1	PS31:1		12792.33
PS36:2	PS31:1		8662.795
PS36:3	PS31:1		145.33
PS36:4	PS31:1		111.085
PS36:5	PS31:1		19.615
PS36:6	PS31:1		1.895
PS38:0	PS31:1		34.775
PS38:1	PS31:1		492.715
PS38:2	PS31:1		1612.585
PS38:3	PS31:1		170.475
PS38:4	PS31:1		232.765
PS38:5	PS31:1		155.1
PS38:6	PS31:1		18.095

PS40:0	PS31:1	13.84
PS40:1	PS31:1	285.5
PS40:2	PS31:1	983.615
PS40:3	PS31:1	101.53
PS40:4	PS31:1	48.435
PS40:5	PS31:1	184.185
PS40:6	PS31:1	277.07
PS42:0	PS31:1	5.32
PS42:1	PS31:1	86.77
PS42:2	PS31:1	258.085
PS42:3	PS31:1	49.91
PS42:4	PS31:1	3.975
PS42:5	PS31:1	11.6
PS42:6	PS31:1	7.205
PS44:0	PS31:1	NA
PS44:1	PS31:1	0.295
PS44:2	PS31:1	2.945
PS44:3	PS31:1	0.91
PS44:4	PS31:1	0.45
PS44:5	PS31:1	1.185
PS44:6	PS31:1	3.1
SM32:0	C12SM	0.82
SM32:1	C12SM	12.81
SM32:2	C12SM	0.115
SM34:0	C12SM	17.6
SM34:1	C12SM	236.895
SM34:2	C12SM	1.185
SM36:0	C12SM	42.325
SM36:1	C12SM	15.105
SM36:2	C12SM	0.735
SM38:1	C12SM	20.66
SM38:2	C12SM	1.095
SM38:3	C12SM	0.05
SM40:0	C12SM	4.915
SM40:1	C12SM	48.325
SM40:2	C12SM	30.565
SM40:3	C12SM	0.61
SM42:0	C12SM	1.535
SM42:1	C12SM	55.59
SM42:2	C12SM	589.03
SM42:3	C12SM	22.87
SM44:0	C12SM	0.045
SM44:1	C12SM	0.14
SM44:2	C12SM	0.705
SM44:3	C12SM	0.175

AGPAT1_1_myr_p2_2	AGPAT1_1_myr_p2_3	AGPAT1_1_p2_1
25000	25000	25000
5000	5000	5000
1000	1000	1000
7.13	4.725	64.59
1.705	0.35	4.115
35.615	23.035	425.255
8.74	5.51	49.525
1.335	0.56	3.035
19.26	10.77	36.485
1.1	0.495	2.295
24.225	18.14	200.66
166.15	76.845	444.98
24.505	22.275	432.27
43.595	37.485	404.14
173.745	138.9	3997.385
1.945	2.095	10.075
1.535	1.645	7.245
5.435	2.67	76.42
4.425	1.585	10.01
8.925	5.365	107.215
6.51	3.745	81.385
0.57	1.19	5.715
1.845	1.385	11.57
0.75	0.09	0.76
81.905	36.67	25.795
174.715	126.29	103.215
490.2	283.36	244.325
NA	NA	NA
0.545	1.99	2.68
1982.285	1612.35	1529.945
2422.525	2035.725	1796.945
3.435	7.825	6.505
NA	NA	NA
219.395	203.665	232.465
103.01	96.57	106.655
56.21	65.38	68.625
6.475	9.37	10.67
0.51	2.375	2.825
8.805	5.385	2.81
1.21	1.475	1.19
23.555	13.81	9.545
NA	NA	NA
20.05	12.765	8.095
336.94	160.24	135.845
0.655	1.125	0.67

	2205.95	1638.81	1389.22
	2.245	3.86	3.55
NA	NA	NA	
	108.415	83.28	78.225
	319.575	273.62	244.84
	73.905	78.545	68.1
NA	NA	NA	
	9.945	7.595	8.535
	10.46	11.58	9.455
	5.845	7.115	9.165
	0.585	2.225	2.14
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	365.785	223.27	198.1
NA	NA	NA	
	112.12	86.895	65.995
	14.875	14.105	10.97
	17.815	15.86	12.92
	1.035	2.59	2.265
	1.57	2.525	2.23
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA		0.17	0.945
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA		0.16	0.165
NA	NA	NA	
NA	NA	NA	
	0.19	0.625	0.25
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	

NA	0.23	0.385
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	0.275	0.525
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	0.2	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
9.31	3.105	11.88

	2.1	1.045	4.115
	0.62	0.495	3.215
	5.55	4.045	14.16
	2.69	1.5	6.195
	4.325	1.08	3.285
	17.37	6.655	28.375
	19.82	8.725	24.75
	28.48	17.165	30.765
	2.59	1.405	11.83
	169.825	99.755	240.975
	3.945	1.32	6.745
	4000	4000	4000
	2.1	0.93	11.57
	0.59	0.625	3.75
	3.93	1.57	12.21
	6.605	4.125	8.335
	1.44	1.86	21.255
	1.29	0.61	6.545
	33.155	25.865	198.71
	0.595	0.555	2.59
	2.525	3.385	31.04
NA		0.205	2.47
	1.5	0.755	11.99
	0.21	0.685	13.445
	6.265	16.1	176.89
	6.345	9.09	160.79
	24.895	19.985	304.53
	105.05	114.085	1730.12
	4.785	3.96	30.08
	2.46	1.13	5.035
	1.41	0.61	2.68
	0.875	0.96	1.725
	0.54	NA	3.02
NA		0.55	5.68
	0.735	0.18	3.535
	1.575	1.525	21.905
	9.07	5.1	3.7
	0.695	0.525	0.53
	0.095	0.11	0.21
	145.165	79.03	54.62
	29.575	15.525	15.85
	0.545	0.6	0.4
	18.395	13.36	9.4
	165.89	105.205	85.54
	1.89	1.585	1.41
	1.25	0.94	1.04

10.575	8.13	11.9
2.26	1.96	2.2
1.16	0.565	0.54
1.285	0.965	0.85
0.625	0.58	0.91
6.31	2.36	4.92
4	4.83	4
NA	NA	NA
90.845	57.385	101.66
108.845	59.565	65.06
NA	NA	NA
92.545	57.67	72.165
759.465	468.105	529.57
21	11.395	16.9
2.115	NA	1.195
55.545	41.45	89.95
8.84	6.555	14.02
2.61	1.89	2.34
3.815	4.605	7.655
12.895	9.675	14.58
NA	NA	NA
0.81	1.155	0.595
NA	NA	NA
5.385	7.44	4.77
10.775	22.435	8.23
NA	NA	NA
215.665	216.915	46.825
175.195	194.365	63.08
3.45	4.03	0.645
0.155	0.27	NA
9.78	6.07	0.725
18.275	24.985	8.08
3.465	3.155	1.025
0.55	1.465	0.135
2.26	6.695	1.08
NA	NA	NA
14.265	13.42	9.155
NA	NA	NA
2.445	2.415	1.39
2.2	1.92	0.39
NA	NA	NA
31.17	25.385	8.315
57.97	47.255	14.06
NA	NA	NA
NA	NA	NA
1.125	0.65	0.405

NA	NA	NA
NA	0.695	NA
1.705	2.28	0.085
0.185	NA	NA
7254.585	6512.205	5650.11
1380.96	983.765	765
23.35	17.52	15.55
1.24	0.855	1.93
0.505	0.59	0.6
2.25	2.155	2.03
120.365	77.26	56.09
41178.52	40511.9	29773.77
29847.235	20810.705	20883.65
2602.635	1977.69	1643.92
31.065	23.735	20.2
2.815	2.445	3.82
31.205	23.76	24.04
2154.8	1518.295	1129.49
11178.73	9594.18	9200.83
81375.47	61812.505	66245.76
17170.46	12576.195	13983.64
1732.555	1208.7	1130.67
29.68	24.78	26.12
114.815	99.355	100.67
733.25	608.275	661.74
7259.41	5939.2	6868.73
16734.88	14758.79	14975.57
4762.215	3648.595	3825.51
760.565	592.78	866.13
350.255	280.365	368.98
524.07	396.215	352.21
521.755	395.835	542.27
1925.04	1326.365	1715.33
546.185	446.015	555.26
420.365	352.805	460.8
1720.105	1472.81	1890.28
1215.68	940.585	1255.14
114.505	98.85	140.3
150.17	146.84	167.97
64.28	59.4	73.71
167.045	167.53	195.65
735.62	640.925	768.6
17.54	10.95	12.99
22.755	15.42	21.36
21.495	17.785	26.14
16.085	15.195	21.86

16.22	14.115	17.94
23.13	24.01	35.45
2.615	2.7	4.09
5.2	5.125	7
7.455	6.885	9.61
5.035	3.83	7.25
7.765	5.25	11.29
9.28	6.09	10.66
2329.9	1490.705	1095.62
78.565	62.52	192.69
2.195	1.89	4.01
0.5	0.33	0.31
0.255	0.205	0.37
0.43	0.565	0.81
13.585	10.325	8.87
44479.065	31579.435	23444.86
7973.405	5488.535	6044.85
70.065	51.56	60.94
3.385	2.92	2.8
1.375	0.935	1.41
4.31	2.885	3.99
336.875	287.64	269.64
102902.48	81360.4	63500.17
111107.155	90279.535	93838.65
10702.195	8485.785	8299.16
60.475	42.92	50.39
3.375	2.365	3.77
32.175	28.695	23.32
2360.845	2108.735	1454.08
20947.015	15307.345	14385.56
288133.415	243257.56	216932.13
107848.215	69623.74	81522.79
1611.19	1142.49	1496.51
55.95	38.58	46.74
34.93	22.315	22.23
665.61	458.115	401.54
1562.15	1113.26	1137.53
26374.51	21194.945	22235.71
193591.53	169230.92	165115.81
7341.5	5836.085	7280.54
562.46	411.835	733.63
241.16	162.755	263.86
113.72	82.8	90.49
646.435	606.12	751.78
1125.095	1037.91	1295.65
7618.72	6536.63	10974.79

	1592.67	1094.2	1799.27
	343.89	316.065	449.3
	810.865	537	981.4
	571.865	372.355	567.44
	53.535	45.775	53.45
	143.545	112.075	88.57
	409.065	310.235	348.35
	303.525	230.82	272.16
	46.635	37.13	57.68
	106.74	89.92	144.98
	300.66	224.49	395.72
	8.51	6.705	6.4
	41.48	30.89	25.9
	133.555	109.87	104.77
	71.075	57.845	82.32
	15.89	12.745	21.64
	13.21	9.995	16.85
	22.24	15.6	28.26
	1.055	0.92	1.41
	4.445	3.895	4.86
	19.09	19.34	17.74
	13.17	12.955	22.24
	3.225	3.425	5.88
	4.8	3.795	7
	3.8	3.765	5.57
	17.975	15.62	19.065
	8.085	5.165	5.895
	41.215	37.675	36.225
NA	NA	NA	
	232.835	167.505	213.29
	1240.375	930.48	1075.985
	472.805	384.41	488.47
	106.68	76.97	70.625
	177.5	148.065	106.16
	17.905	11.68	6.41
	350.06	307.665	264.305
	107.315	86.05	86.845
	141.77	118.21	109.965
	110.62	87.325	81.265
	138.18	127.505	139.54
	327.715	276.535	253.575
	373.875	319.945	285.45
	157.295	149.475	170.56
	17.42	10.025	14.315
	12.175	12.28	23.835
	0.755	0.62	1.07

NA	NA	NA	
NA	NA	NA	
	0.76	NA	NA
	0.785	NA	0.575
	339.93	200.575	295.715
	219.445	134.62	147.35
	3.285	3.07	1.885
NA	NA	NA	
NA		0.62	2.65
NA	NA	NA	
	2.11	0.66	2.61
	1766.46	1076.62	1555.15
	10123.91	7099.36	7243.645
	2218.7	1469.185	1323.18
	15.745	7.555	11.825
	5.935	3.51	2.79
NA	NA	NA	
	14.075	13.67	12.155
	2892.005	1746.8	2240.575
	39020.6	25344.21	30513.135
	40264.75	27117.165	25929.475
	762.97	471.395	455.53
	213.455	121.1	97.85
	49.16	32.51	21.325
	13.47	8.835	10.125
	1203.365	868.05	1043.81
	24221.335	16668.395	18639.42
	101101.555	78821.295	87322.98
	5229.185	4048.4	4272.18
	1886.38	1448.94	1224.61
	999.5	721.685	521.445
	79.445	56.255	48.615
	130.92	125.64	137.96
	596.875	498.105	641.49
	3922.825	2892.835	3782.135
	1502.215	1331.89	1434.255
	3655.13	2785.04	2570.05
	5727.125	4991.97	4022.64
	1621.485	1261.15	1375.05
	27.04	21.33	25.775
	171.75	111.965	108.125
	750.21	509.375	625.805
	391.42	291.61	331.535
	354.57	292.235	302.335
	1580.125	1290.96	1381.74
	3626.31	2736.89	3287.265

	5.93	7.46	6.13
	70.08	55.97	39.05
	192.76	166.215	181.365
	95.88	61.4	106.825
	50.26	40.115	35.565
	111.98	93.48	77.305
	83.065	64.395	86.085
	0.72	NA	NA
	1.775	3.45	2.24
	15.33	17.835	21.38
	12.055	11	15.325
	20.81	16.61	7.555
	58.51	65.04	34.595
	37.26	29.665	25.455
	5.305	13.68	8.64
	207.355	159.67	196.165
	30.42	31.45	37.27
	1.66	1.305	1.905
	5.565	6.235	7.66
	21.08	17.625	23.35
	72.76	80.345	100.045
	6.12	3.275	3.165
	1.035	2.54	2.53
	1.99	1.13	4.815
	3.2	4.21	6.78
	49.235	53.41	91.02
	0.59	0.385	0.81
	9.53	16.98	18.61
	540.99	544.885	591.395
	398.465	347.88	492.3
	10.845	19.985	18.06
NA		0.87	0.925
	0.27	NA	0.53
	130.6	131.415	107.335
	612.785	562.96	466.805
	162.06	151.88	115.035
	19.85	15.64	17.84
	18.74	19.05	27.745
	177.52	152.36	131.625
	199.68	172.79	138.075
	26.23	23.1	22.485
	4.2	4.96	9.05
	7.44	8.37	9.45
	17.55	19.88	28.985
	17.21	13.625	24.5
	47.895	62.535	45.225

	1.5	1.38	1.58
	3.425	3.175	8.265
	4.01	4.745	5.11
	42.845	37.06	35.645
	6.955	6.88	9.54
	3.945	5.405	4.55
	1.56	1.22	2.425
	2.535	1.235	2.31
	5.475	5.635	7.02
	37.465	37.575	52.91
	442.835	351.34	455.99
	70.065	43.07	79.415
NA		0.545	0.155
	0.91	0.62	0.815
	0.33	0.44	1.75
	1.82	1.255	3.085
	10000	10000	10000
	281.625	370.345	514.835
	1549.535	1660.455	2346.02
	421.645	353.225	474.84
	0.655	2.475	4.005
	0.185	NA	0.375
NA		0.315	0.3
	1.265	4.075	3.44
	1167.24	1588.025	1915.36
	17018.93	20065.6	23195.885
	13341.47	12138.16	15305.98
	81.9	91.945	183.41
NA		1.085	1.58
NA		NA	0.475
	2.72	4.605	9.835
	1416.38	1560.155	1202.71
	30891.055	30818.04	22631.825
	50350.27	49011.23	40780.935
	1946.64	1547.885	1692.34
	92.275	75.71	111.26
	23.935	17.59	23.7
	54.105	52.32	45.6
	219.605	304.675	241.68
	1637.825	1617.05	1506.18
	9145.83	8826.205	6769.965
	5808.61	4894.775	3719.44
	2145.465	2068.75	2316.285
	990.385	837.815	1083.55
	71.26	77.68	80.815
	210.225	281.215	184.52

	456.01		475.645		370.58
	915.205		834.505		642.245
	782.51		627.995		545.335
	271.685		263.395		208.77
	420.615		365.225		304.05
	328.5		319.56		243.035
	22.79		27.275		20.355
	97.85		91.91		63.505
	256.395		235.76		180.675
	305.375		266.515		280.555
	19.635		18.755		21.145
	1.085		2.045		4.24
	2.7		2.695		6.87
	6.11		11.085		7.245
	8.655		18.73		13.87
	17.775		17.4		17.61
	43.3		36.03		28.33
	35.71		19.8		21.26
	6.76		7.41		11.115
	3.17		2.29		5.83
	2.29		3.22		7.74
	0.435		0.37		1.065
NA		NA		NA	
NA		NA		NA	
	4.76		3.11		3.93
	79.125		63.015		122.535
	378.855		284.535		356.31
	58.925		54.2		49.135
	13.025		17.49		19.02
NA		NA			0.08
	80.885		76.23		75.775
	573.755		462.75		532.355
	195.025		160.795		154.59
	16.02		14.775		18.055
	2.75		2.545		2.88
	1.18		2.12		1.915
	17.295		12.9		12.01
	130.05		92.155		157.515
	93.09		77.94		105.725
	6.075		8.58		9.33
	8.26		6.975		7.855
	10.265		11.69		14.115
	19.525		22.815		27.76
	20.15		17.405		17.905
	47.715		41.94		52.285
	4.01		10.05		7.785

	10.26	15.625	14.85
	15.325	12.845	18.69
	0.08	NA	0.275
NA	NA		0.065
NA	NA		0.105
NA	NA		0.185
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	27.085	21.51	52.93
	14.445	10.575	8.005
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA		0.125
	33000	33000	33000
	334.33	252.15	772.65
	1037.63	874.605	885.675
	10.265	5.55	5.01
NA	NA		0.125
NA	NA	NA	
NA	NA	NA	
	14.265	10.815	15.655
	652.56	560.035	1136.665
	10997.135	8850.885	10391.965
	1640.145	1131.985	1085.62
	8.905	8.18	14.34
	11.06	8.285	8.07
	0.16	NA	0.065
	2.425	1.825	5.465
	1021.21	787.745	1107.08
	16884.275	13582.485	19982.905
	11423.05	8627.95	9290.58
	189.47	137.085	157.8
	113.69	102.88	122.98
	15.08	15.85	13.355
	1.875	0.945	3.705
	43.49	37.335	54.32
	526.125	459.205	697.76
	1878.245	1565.195	2091.855
	213.035	184.86	235.455
	249.93	205.88	243.62
	159.985	132.615	132.335
	33.32	25.34	24.755

23.445	12.175	10.275
341.755	282.07	241.815
1294.41	1086.75	1195.725
142.065	116.495	152.65
62.45	57.24	92.18
247.355	233.445	352.72
333.835	321.35	405.43
4.435	3.96	1.775
115.2	89.09	55.11
380.02	307.86	276.59
60.735	73.38	88.155
3.995	3.81	5.42
9.965	12.085	11.445
6.385	11.68	17.11
NA	NA	NA
0.46	0.495	0.265
4.1	3.655	8.97
0.88	1.26	2.215
0.45	0.375	0.595
1.265	1.995	1.815
2.28	3.63	3.225
0.54	0.515	8.745
6.5	6.775	290.35
0.095	0.08	1.015
16.305	13.39	194.435
130.76	172.89	4203.245
1.23	1.315	10.62
59.18	38.505	60.77
13.335	10.755	189.86
0.865	0.49	8.77
30.14	14.56	58.28
1.135	0.875	11.255
0.055	0.03	0.2
6.38	4.335	23.375
60.38	37.695	542.29
16.15	16.605	742.225
0.575	0.465	6.835
1.725	1.18	14.765
49.505	39.9	891.765
440.38	483.84	13088.94
17.945	17.39	317.275
0.05	0.03	0.19
0.15	0.115	1.285
0.365	0.41	14.83
0.12	0.17	4.885

AGPAT1_1_p2_2	AGPAT1_1_p2_3	AGPAT2_1_myr_p2_1
25000	25000	25000
5000	5000	5000
1000	1000	1000
69.265	73.285	11.18
2.04	1.7	1.185
501.23	471.675	55.455
62.815	53.43	12.2
3.54	2.625	2.53
28.72	31.525	17.405
2.065	1.205	1.575
241.585	195.795	41.33
396.5	341.255	202.095
505.325	460.22	47.815
359.08	374.395	50.7
4423.995	3981.185	365.325
13.265	6.06	2.66
12.925	8.07	1.985
77.14	64.805	9.495
10.505	9.105	6.065
100.725	86	14.95
106.85	84.6	11.555
6.77	3.445	1.98
11.685	10.295	2.435
1.145	0.835	0.205
23.925	28.495	38.77
91.24	116.41	136.805
226.205	252.45	358.915
NA	NA	NA
4.3	4.39	1.5
1413.035	1667.26	2623.895
1812.34	2011.44	3159.375
4.255	6.715	5.57
NA	NA	NA
204.895	255.665	192.45
100.05	119.14	102.965
52.315	86.98	68.17
12.8	13.075	9.915
2.55	3.15	1.275
4.775	8.58	2.25
NA	0.745	1.005
10.63	19.005	9.56
NA	NA	NA
5.865	9.495	11.6
118.125	132.88	176.435
0.195	0.385	0.305

	1230.57	1390.18	1765.135
	3.23	2.31	1.8
NA	NA	NA	
	71.36	89.04	81.86
	209.555	236.225	216.43
	64.8	76.25	68.74
NA	NA	NA	
	9.26	11.12	5.47
	8.66	12.93	8.96
	6.505	9.805	3.89
	2.255	3.105	1.54
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	149.45	199.45	270.21
NA	NA	NA	
	58.545	67.675	64.8
	8.31	11.855	9.575
	13.045	14.095	10.23
	2.24	2.475	1.035
	2.25	2.11	1.635
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA		0.31
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
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NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA		1.13 NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	

NA	0.265	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
0.18	0.225	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
9.045	11.305	7.43

1.63	1.56	3.155
1.71	0.715	1.065
20.02	12.655	7.33
7.54	4.34	4.785
3.21	2.2	4.33
24.62	29.675	16.605
29.055	23.45	31.6
43.84	31.24	30.525
13.855	7.45	1.8
301.655	269.49	215.905
4.915	4.805	2.6
4000	4000	4000
10.875	10.36	1.56
1.385	1.665	0.91
12.68	16.685	6.31
5.515	7.225	6.09
23.57	17.855	6.75
3.89	5.735	2.62
140.035	167.695	37.73
0.795	1.175	NA
25.445	24.24	3.19
3.265	1.075	0.74
12.72	9.245	0.79
10.065	7.735	2.05
134.18	184.38	16.19
142.65	140.79	14.26
270.785	265.455	44.55
1473.905	1663.475	271.89
24.05	28.43	6.62
1.3	1.01	1.53
2.265	1.23	1.62
0.735	0.985	1
2.875	1.265	1.29
3.785	1.76	1.77
3.445	3.585	1.39
19.385	19.02	3.06
4.225	3.59	6.285
0.46	0.52	0.43
0.11	0.14	0.085
66.395	56.255	116.09
17.145	16.13	18.74
0.67	0.755	0.71
9.06	10.34	20.965
113.81	87.07	135.335
1.355	1.295	1.49
0.85	1.065	1.455

8.485	9	16.89
2.01	1.88	2.435
0.64	0.985	0.75
0.72	0.62	1.52
0.645	0.945	1.415
3.64	9.75	3.43
4.905	5.31	3.585
NA	NA	NA
79.395	108.845	89.035
56.38	79.805	121.935
NA	NA	1.19
59.81	63.225	107.8
446.135	478.295	922.64
10.285	15.695	29.695
1.165	1.33	3.42
56.48	53.34	206.68
9.29	12.745	22.675
1.955	1.875	4.12
4.45	4.495	13.02
10.525	11.39	22.645
NA	NA	NA
0.27	0.4	0.38
NA	NA	NA
3.055	5.35	22.12
6.96	5.02	11.11
NA	NA	NA
61.235	62.49	211.84
89.07	51.615	158.52
2.3	NA	2.31
NA	NA	0.55
1.555	1.24	22.05
2.9	4.515	18.31
1.435	0.845	0.45
0.19	0.55	1.43
1.725	1.39	9.46
NA	NA	NA
5.84	9.67	17.09
NA	NA	NA
1.28	2.24	5.03
0.2	0.405	0.585
NA	NA	NA
8.295	9.915	59.39
12.885	14.46	35.475
NA	NA	NA
NA	NA	NA
NA	0.635	2.38

NA	NA	NA
NA	NA	NA
0.33	0.505	2.87
NA	NA	NA
6365.785	5669.455	10503.865
903.125	848.025	1132.045
17.475	17.12	21.525
2.44	2.965	1.18
0.535	0.97	0.395
1.945	2.365	2.49
53.96	62.115	105.1
37560.755	32522.86	42904.79
25504.815	23072.425	36766.215
2020.52	1967.18	2405.825
25.97	25.715	29.16
3.525	4.46	2.495
29.085	29.63	32.715
1307.075	1297.45	2113.955
11661.555	10585.39	13693.735
86001.98	75207.995	108105.37
13893.29	14321.065	21842.855
1376.88	1218.355	1792.205
28.67	30.275	32.505
101.66	124.89	106.855
744.485	693.775	1103.3
8288.94	7691.425	10235.395
17750.27	16334.825	28108.82
4818.245	3955.67	6549.53
959.53	936.91	905.955
424.785	427.12	374.865
404.345	385	618.62
604.39	543.92	630.41
1886.82	1834.715	2188.345
661.58	754.085	768.845
552.355	530.235	485.415
1944.775	1984.72	2114.995
1451.175	1333.515	1328.935
153.59	198.785	177.665
158.555	294.515	276.82
73.775	101.915	75.14
212.15	208.94	189.41
787.325	768.64	882.385
13.235	18.3	18.14
21.395	27.055	30.43
19.66	37.505	29.065
15.85	27.275	17.345

15.765	20.3	13.185
36.6	38.915	34.475
3.09	5.695	3.575
5.865	9.37	6.4
7.765	18.715	8.105
5.56	15.08	3.73
7.675	12.51	6.755
7.855	17.425	8.82
1103.475	1171	2126.845
187.38	194.23	70.115
3.305	4.065	2.99
0.465	0.59	0.21
0.18	0.415	0.145
0.31	0.6	0.38
8.02	9.165	11.13
28908.405	26847.525	42194.52
6260.94	5862.305	6062.075
64.66	63.285	63.17
3.24	4.825	3.215
1.39	2.23	1.41
4.195	5.12	5.41
292.415	286.005	506.63
76365.33	67858.735	83130.895
100255.25	92653.01	122235.34
8440.525	8121.015	7269.74
51.835	49.91	57.62
3.285	6.395	3.105
25.91	33.045	25.01
1756.51	1595.66	2280.15
18658.315	16562.795	25105.47
286248.575	255763.22	347077.375
88529.61	77193.445	77715.92
1640.97	1558.805	1375.935
52.38	48.03	39.54
27.525	32.605	31.665
524.43	458.61	689.73
1278.15	1262.14	1650.945
26030.23	25477.76	31239.265
198354.325	179345.065	179497.055
8660.91	7738.225	7281.195
851.84	740.77	540.4
275.305	282.04	187.56
96.42	88.985	127.64
795.105	751.41	782.09
1514.02	1285.525	1212.59
14011.21	11105.99	7815.205

	2073.375	1942.86	1429.32
	508	480.585	325.795
	1042.69	1056.145	497.665
	618.48	594.49	387.26
	51.375	54.97	84.985
	110.38	91.64	161.325
	415.8	361.465	446.615
	315.3	300.655	327.035
	57.82	83.63	34.7
	146.74	153.455	77.125
	400.75	357.295	199.69
	6.525	7.24	10.25
	24.82	24.25	36.42
	116.805	98.95	135.505
	87.16	87.795	78.79
	20.38	25.61	17.26
	15.955	19.08	10.31
	26.34	29.28	16.63
	1.235	1.64	1.7
	3.795	5.54	4.845
	21.345	19.095	21.34
	23.335	24.92	15.16
	4.385	8.925	4.175
	5.985	17.635	5.03
	4.145	25.715	4.575
	16.005	17.68	23.415
	6.715	8.05	6.665
	30.73	37.005	62.955
NA	NA	NA	
	223.725	216.685	296.055
	1099.98	1165.785	1608.64
	480.405	466.64	689.28
	78.22	84.435	181.175
	154.93	115.23	123.14
	10.9	9.285	16.255
	307.69	308.355	799.2
	86.825	98.175	173.875
	141.4	132.905	137.995
	89.165	86.97	122.075
	147.805	134.64	170.355
	294.575	276.085	344.04
	302.305	317.13	440.76
	183.7	164.39	205.55
	12.97	19.98	15.595
	11.155	16.2	19.26
NA		2.335	1.535

NA	NA	NA
NA	NA	NA
NA	NA	0.625
NA	1.42	NA
316.27	283.535	247.53
139.475	154.04	167.295
1.325	1.885	2.97
NA	0.4	NA
0.675	1.03	2.38
NA	NA	NA
1.96	0.85	0.775
1570.135	1610.165	1243.285
7202.695	7536.035	7504.97
1338.585	1342.95	1819
11.24	9.285	11.265
2.635	4.06	2.33
NA	NA	NA
10.635	13.445	14.96
2256.995	2247.68	2032.2
33095.065	33663.335	31604.11
26748.62	25868.725	34486.92
516.63	485.475	630.605
118.52	93.09	140.415
23.035	22.915	27.4
9.7	10.42	13.185
985.315	1037.385	1076.81
19221.945	20142.955	21348.505
87183.59	89816.9	123670.885
4324.645	4621.8	5999.325
1314.595	1223.275	1374.64
624.225	624.095	658.25
51.815	57.475	58.915
136.815	140.08	194.475
594.8	640.9	733.15
4054.35	4113.68	4804.17
1517.465	1583.85	2252.535
2577.83	2705.345	3073.575
4741.115	4427.605	5857.555
1352.95	1472.735	1369.12
23.615	21.65	27.83
119.305	109.03	107.235
660.8	626.22	670.525
369.225	349.3	596.39
321.48	329.815	273.22
1488.385	1476.26	1127.335
3513.28	3523.725	2712.13

	4.05	5.28	5.675
	37.505	37.48	42.075
	175.965	192.49	159.905
	99.33	113.435	95.23
	35.68	41.42	41.39
	89.375	92.92	96.305
	92.605	92.45	63.57
NA		1.205	NA
	1.96	4.535	2.145
	17.21	27.53	9.525
	12.165	14.96	8.15
	10.355	7.255	10.345
	42.6	47.47	66.79
	33.5	29.07	36.415
	9.78	9.96	16.25
	223.425	214.11	287.83
	34.055	32.43	41.57
	1.66	1.905	3.7
	2.955	5.655	10.86
	39.18	19.165	41.62
	84.24	90.32	146.48
	2.925	1.795	8.16
	1.115	1.685	4.26
	2.11	3.445	8.09
	4.89	5.64	10.37
	60.89	84.52	80.41
NA		1.805	3.91
	23.01	20.605	44.14
	554.44	624.495	1128.94
	473.215	458.16	527.43
	20.95	23.905	25.89
NA		1.105	1.81
NA		0.645	1.23
	93.81	117.2	225.46
	524.46	455.085	720.19
	130.86	113.585	230.29
	20.18	19.54	22.15
	25.63	17.715	20.64
	152.56	128.55	219.88
	136.915	132.6	210.12
	30.89	25.38	29.33
	6.235	9.315	9.36
	5.74	7.415	17.61
	17.875	16.18	36.04
	17.7	19.695	16.72
	44.28	48.81	90.6

	2.755	1.92	4.16
	3.785	4.355	9.38
	3.24	3.805	5.74
	46.63	41.475	62.63
	7.345	6.03	8.05
	8.52	4.15	8.32
	2.295	2.01	2.76
	1.995	1.37	3.73
	5.085	5.46	15.4
	67.72	60.47	105.18
	510.045	439.83	714.14
	74.015	72.075	85.22
	0.28	0.715	0.53
	0.955	0.195	1.9
	0.4	1.07	2.77
	3.435	4.78	3.86
	10000	10000	10000
	539.835	526.68	869.13
	2617.945	2483.58	3232.62
	618.845	564.195	617.08
	3.645	3.11	6.46
NA	NA		0.44
NA	NA		0.69
	2.985	3.835	3.5
	1890.86	2231.45	5173.43
	26928.445	25938.975	43688.67
	16964.91	16060.015	14216.8
	191.485	168.765	160.19
NA		1.335	1.25
NA		0.535	0.38
	4.125	8.955	16.87
	1349.3	1206.48	2116.17
	25661.795	22501.57	38276.5
	43462.165	38966.945	52789.04
	1810.565	1679.56	3173.33
	130.35	135.295	116
	22.635	23.58	23.87
	45.295	43.455	74.59
	267.09	244.44	495.73
	1798.93	1410.845	3264.68
	7549.28	6448.6	14909.03
	4557.17	3527.49	8551.93
	2554.745	2175.24	2358.03
	1158.32	1134.91	1079.71
	82.245	85.495	106.98
	221.39	187.665	283.33

	388.9		337.62		666.86
	720.975		757.01		1627.41
	610.41		541.145		1225.51
	227.26		225.725		204.51
	266.225		315.445		322.73
	230.945		212.7		373.67
	16.88		18.905		48.05
	60.635		47.22		142.37
	224.105		162.725		348.99
	302.715		246.765		438.2
	22.48		13.125		39.04
	5.175		2.295		2.69
	1.78		1.18		3.94
	7.325		3.68		27.6
	16.475		13.99		27.3
	15.225		16.3		33.92
	35.155		34.465		62.98
	18.855		15.46		36.23
	14.985		16.25		12.28
	7.185		4.845		6.65
	5.675		7.46		5.855
	0.47		0.79		0.27
NA		NA		NA	
NA		NA		NA	
	2.36		2.01		4.705
	114.855		128.84		118.045
	395.235		362.585		536.535
	44.93		45.505		86.235
	22.13		17.61		25.705
NA			0.155	NA	
	72.16		75.295		118.505
	502.45		554.235		724.1
	196.395		179.4		332.27
	15.215		19.18		28.73
	2.82		4.355		5.555
	2.86		1.835		4.495
	16.66		12.8		21.32
	144.54		152.47		175.99
	100.855		96.4		150.5
	8.04		11.585		21.925
	5.935		6.86		8.875
	11.525		13.425		26.35
	22.895		33.21		31.635
	18.655		20.69		28.23
	66.17		67.29		81.285
	5.955		9.8		9.225

	12.215	15.365	27.81
	13.48	17.185	20.245
NA		0.085	NA
NA	NA	NA	
NA	NA	NA	
NA	NA		0.1
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	67.59	59.665	31.51
	9.91	7.815	15.305
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	0.08	0.265	NA
	33000	33000	33000
	683.555	754.43	238.65
	918.095	967.1	1453.42
	7.38	7.2	10.285
	0.275	0.095	NA
NA	NA	NA	
NA	NA	NA	
	15.645	15.225	12.665
	1199.155	1209.545	882.995
	11478.28	11267.795	14096.855
	1213.55	1225.04	2176.845
	14.68	20.12	19.34
	7.33	9.76	15.68
	0.185	NA	0.085
	3.86	4.035	3.725
	1055.135	1164.45	1208.63
	19704.695	20377.34	19969.91
	9672.945	9997.265	16466.92
	140.285	206.235	295.29
	80.725	133.295	158.195
	11.715	7.255	31.04
	2.635	2.69	3.875
	52.135	60.78	59
	642.69	787.335	837.44
	1880.565	2260.83	2603.775
	278.59	286.385	408.23
	239.94	246.565	438.595
	117.53	140.875	327.59
	18.02	23.545	21.535

9.42	13.07	22.255
189.59	271.9	396.165
1003.46	1179.32	1477.79
126.03	157.185	244.86
90.38	121.17	94.65
307.655	419.115	378.58
402.955	434.645	470.655
1.075	0.88	3.405
47.945	43.085	109.035
280.42	276.44	393.77
84.66	77.46	80.39
5.685	5.505	4.245
10.485	8.72	12.085
11.11	13.075	14.25
NA	NA	NA
0.14	0.365	0.29
3.045	6.58	4.575
1.915	2.885	2.36
NA	0.52	0.58
0.915	1.25	1.975
4.6	4.245	3.205
9.22	8.925	0.585
284.415	283.05	15.095
0.95	0.95	0.105
168.85	183.705	20.77
3652.51	4037.525	286.675
9.17	10.33	1.545
70.275	84.4	46.285
177.285	197.675	14.24
9.655	8.645	0.93
57.755	62.725	14.95
13.78	12.125	1.62
0.155	0.145	0.035
23.1	19.64	4.435
518.105	526.69	43.145
747.525	682.51	35.84
6.67	6.675	1.12
15.415	12.01	2.71
938.715	909.61	93.61
11828.305	11892.98	1256.67
325.89	343.745	49.54
0.16	0.18	0.105
1.315	1.405	0.13
14.295	17.455	0.815
4.94	4.175	0.175

AGPAT2_1_myr_p2_2	AGPAT2_1_myr_p2_3	AGPAT2_1_p2_1
25000	25000	25000
5000	5000	5000
1000	1000	1000
10.165	11.64	83
5.355	2.185	3.115
47.89	45.23	567.375
16.325	10.9	60.905
6.77	2.785	4.9
19.205	14.45	24.675
5.455	1.835	4.13
34.715	26.525	244.79
153.345	145.87	383.75
81.82	31.96	631.545
75.625	52.06	384.265
268.985	312.01	5166.5
23.34	3.14	8.195
23.405	2.39	5.255
12.485	8.23	58.31
7.685	4.86	9.73
23.345	9.805	86.5
10.255	11.44	103.65
11.095	1.9	3.58
4.575	2.05	7.9
3.695	0.21	1.47
36.38	28.9	22.665
135.755	104.65	90.985
282.53	209.835	210.875
NA	NA	NA
1.515	0.775	2.015
2281.175	1531.395	1248.73
2277.175	1756.695	1573.515
6.98	5	6.41
NA	NA	NA
196.22	176.335	196.405
85.07	77.575	93.41
58.725	60.82	64.82
9.04	9.65	14.425
1.155	1.975	3.28
1.49	1.67	2.44
1.295	0.665	0.9
7.12	5.505	8.56
NA	NA	NA
11.865	7.89	9.19
155.87	119.84	117.795
NA	0.72	0.54

	1447.045	1235.915	1137.825
	1.92	2.975	2.955
NA	NA	NA	
	62.05	65.45	66.58
	184.975	177.06	170.74
	52.635	48.45	51.74
NA	NA	NA	
	5.755	7.55	8.12
	7.905	8.645	5.94
	3.96	5.84	6.955
	1.23	1.355	1.725
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	235.59	187.37	139.755
NA	NA	NA	
	60.725	51.63	44.9
	7.85	7.16	7.68
	7.205	9.12	14.015
	0.335	1.69	1.69
	0.805	1.25	1.04
NA	NA	NA	
NA	NA	NA	
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NA		0.895 NA	
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NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
10.195	10.635	13.78

4.135	5.245	3.845
2.305	2.09	2.63
10.55	6	15.005
5.295	3.915	5.45
7.095	5.425	3.305
18.405	23.745	31.4
23.435	30.065	28.635
45.635	41.135	61.025
16.675	1.31	10.51
224.77	249.36	355
4.52	5.3	3.8
4000	4000	4000
3.23	2.33	11.24
3.585	1.135	1.64
6.31	3.53	14.01
4.89	8.525	5.85
4.815	5.03	23.5
3.35	1.425	4.18
40.11	23.705	204.45
6.98	2.95	3.27
6.635	4.105	33.85
1.55	1.235	4.72
2.385	1.815	8.2
1.86	1.885	12.13
7.865	6.405	144.49
10.15	6.37	147.86
19.415	15.715	232.69
71.915	113.39	1080.93
5.625	5.91	20.74
3.22	1.91	3.47
3.64	2.655	2.99
1.275	1.3	1.02
2.35	0.47	2.54
0.13	0.125	4.88
1.62	1.87	4.53
1.6	1.59	10.85
6.125	6.015	8.055
0.48	0.505	0.55
0.125	0.19	0.14
115	117.22	100.76
19.01	17.625	28.99
0.815	0.825	1.025
21.745	21.695	20.42
124.395	136.48	159.015
1.235	1.47	2.48
1.4	1.51	1.475

	16.085	16.3	18.825
	2.65	2.735	4.615
	1.13	0.725	1.455
	1.93	1.95	1.55
	1.45	1.535	1.6
	3.56	2.38	13.125
	4.565	3.315	4.485
NA	NA	NA	
	81.815	65.935	190.89
	125.19	102.385	169.42
NA		0.815	1.705
	108.31	99.055	118.77
	872.155	723.93	1277.05
	32.72	24.3	45.74
	6.065	2.88	5.995
	204.53	173.685	238.305
	21	18.1	42.005
	4.07	2.895	2.695
	11.51	8.38	15.66
	29.465	18.165	37.415
NA		0.285	NA
	1.47	2.36	NA
NA	NA	NA	
	17.45	48.955	22.76
	15.395	13.87	9.19
NA	NA	NA	
	167.695	219.41	107.05
	133.065	202.355	91.02
	2.02	3.675	0.7
	0.635	0.75	NA
	12.305	20.445	7.3
	13.545	24.83	15.93
	2.375	2.365	1.36
	1.83	2.81	2.46
	4.87	10.185	4.61
NA	NA	NA	
	11.605	12.67	8.84
NA	NA	NA	
	3.67	4.175	1.42
	0.61	0.555	0.16
NA	NA	NA	
	42.485	31.87	13.78
	22.04	30.36	13.09
NA	NA	NA	
NA	NA	NA	
	1.51	1.045	0.33

NA		0.075	NA
	0.36	0.07	NA
	1.34	1.01	0.26
NA		0.26	NA
	9528.555	9343.54	7654.795
	1015.815	1160.195	1009.43
	19.98	21.06	24.13
	2.835	1.03	2.98
	2.365	0.49	0.98
	3	2.2	2.96
	92.035	83.935	81.665
	39185.73	37397.455	23354.625
	32607.685	39356.7	37349.64
	2106.24	2756.515	2584.635
	35.215	30.785	34.085
	4.27	2.225	4.015
	29.845	26.48	27.175
	1830.385	1603.535	1191.275
	12383.56	11729.985	9813.81
	92791.97	98957.725	90254.955
	19742.955	23293.95	23713.225
	1675.365	1968.515	1936.715
	34.52	37.2	44.165
	100.1	96.39	106.565
	871.005	822.395	847.755
	8616.885	9179.695	9012.375
	23221.43	28239.195	27496.3
	5712.72	6960.875	7865.99
	767.345	1136.315	1533.305
	339.85	460.28	653.165
	508.225	510.505	416.04
	635.39	552.805	611.7
	2271.95	2078.71	2458.75
	1569.78	785.095	1143.55
	449.01	605.305	843.84
	1848.355	2598.89	3831.26
	1094.08	1583.1	2107.825
	714.055	152.84	241.365
	1939.055	222.465	410.195
	177.295	77.75	110.945
	171.465	212.2	299.9
	775.63	1021.82	1426.93
	24.285	13.87	17.53
	62.6	29.445	28.335
	169.72	22.375	58.91
	173.95	12.555	49.72

30.175	11.97	21.745
44.56	36.235	58.86
13.835	3.49	5.82
14.615	6.24	9.11
23.565	6.58	15.73
30.37	3.39	18.325
75.465	5.035	24.67
108.545	8.24	33.885
1920.68	1688.36	1437.16
74.08	67.675	211.21
2.185	2.135	4.91
0.83	0.185	0.665
1.68	0.205	0.965
0.845	0.4	0.705
13.045	11.195	9.04
36416.555	32581.405	23638.635
4906.635	4902.975	6140.855
58.945	57.19	79.275
6.465	3.19	4.08
8.51	0.985	1.8
5.255	4.535	4.82
425.135	419.85	328.515
70515.765	58615.055	35465.525
105231.185	105066.63	111577.91
6047.44	6674.135	7536.765
63.36	52.77	73.685
9.805	2.67	4.715
27.53	23.555	21.09
1896.1	1780.445	1161.505
20560.62	18564.07	15192.885
272429.645	262030.375	212695.6
63515.515	63776.325	62983.81
1258.185	1252.2	1469.63
38.325	39.535	56.125
34.675	28.7	30.835
592.58	573.25	411.005
1340.275	1453.665	1330.61
24357.515	24843.395	25497.005
146097.675	140830.41	150743.495
6344.935	6005.36	7111.49
452.11	548.11	869.445
160.33	200.91	314.38
111.32	106.49	120.635
727.22	959.225	1199.185
1102.44	1033.6	1301.665
7031.665	5723.46	11393.765

	2525.92	1168.765	2147.05
	335.79	314.405	530.2
	443.95	588.75	1048.46
	371.585	441.13	721.855
	73.15	72.655	89.555
	129.1	109.775	78.25
	403.135	323.435	303.63
	408.015	245.55	297.67
	104.35	33.57	61.65
	78.74	79.175	127.41
	180.085	218.325	313.32
	12.03	9.425	11.275
	38.745	26.47	19.98
	114.68	85.69	69.385
	84.16	57.215	76.175
	31.6	17.125	30.755
	36.485	8.99	21.2
	56.62	13.015	35.165
	6.75	1.41	3.44
	7.31	3.73	3.93
	23.56	13.135	10.535
	22.165	11.305	15.31
	30.085	3.87	12.115
	115.93	4.82	30.375
	152.765	3.38	41.4
	19.285	18.725	23.63
	7.59	8.315	8.785
	62.755	58.29	53.525
NA	NA	NA	
	261.58	241.795	279.22
	1320.68	1299.225	1492.08
	624.6	616.89	688.485
	231.94	167.705	154.805
	115.32	156.495	131.575
	10.13	22.74	11.875
	626.94	701.4	594.01
	140.11	181.175	173.42
	117.345	171.855	160.84
	93.14	104.385	90.065
	131.66	161.885	175.955
	321.91	376.33	450.975
	381.22	543.41	462.34
	201.295	219.105	233.96
	18.78	8.795	18.355
	25.395	14.945	18.035
	3.02	NA	3.885

	1.2	NA	NA
NA	NA	NA	NA
	0.665	0.74	1.35
	1.105	NA	1.055
	223.595	150.545	228.23
	133.22	90.83	122.12
	3.45	1.895	2.335
NA	NA	NA	NA
	2.165	2.4	1.755
NA	NA	NA	NA
	2.815	0.825	2.52
	956.66	780.12	937.57
	6698.775	5099.21	5300.55
	1434.495	924.135	926.42
	20	7.765	10.025
	3.705	2.26	2.095
NA	NA	NA	NA
	16.14	9.7	11.57
	1722	1396.385	1590.78
	26758.055	21266.45	22885.465
	30775.26	21071.315	18926.525
	555.85	412.485	398.32
	100.115	102.07	85.425
	26.07	21.69	17.815
	15.865	12.335	15.12
	880.08	903.47	929.88
	17360.13	15593.695	17797.235
	92508.405	79066.27	81692.485
	5102.605	4116.515	4029.845
	940.935	1002.47	933.385
	499.025	592.36	409.245
	53.73	43.83	46.62
	145.72	182.395	198.58
	599.225	554.815	658.685
	3579.76	3082.13	3852.11
	1827.51	1663.35	1823.89
	2475.85	2560.51	2294.29
	4523.715	4735.145	3549.345
	1036.68	991.31	1030.325
	26.45	25.935	23.305
	98.965	84.615	102.2
	585.655	499.415	626.66
	564.345	444.645	485.025
	267.885	262.895	317.585
	987.915	1026.055	1255.98
	2325.61	2210.85	2618.025

13.72	3.775	5.155
47.845	40.61	23.03
153.94	103.205	113.425
80.16	63.935	72.265
46.455	31.535	27.085
94.22	69.715	81.065
76.49	60.8	77.355
4.905 NA		1.29
5.055 NA		2.535
17.615	8.49	11.49
12.9	4.4	10.665
33.715	10.19	13.015
153.67	58.155	57.125
173.115	29.885	48.215
14.475	16.02	13.24
300.14	329.83	328.75
34.345	35.315	28.61
2.445	2.65	2.71
7.51	8.73	7.67
21.48	35.25	17.62
121.805	145.84	120.41
5.215	3.885	6.65
4.78	4	1.7
6.26	4.225	4.64
7.24	5.925	4.81
79.985	75.53	83.69
3.18	1.635	1.96
37	32.765	59.43
960.49	815.835	814.47
482.54	349.385	411.47
21.885	20.83	20.12
1.75	1.5	2.33
1.22	2.51	2.94
154.805	133.905	135.41
629.175	486.95	462.24
188.325	148.665	190.87
18.085	20.5	27.46
19.785	22.68	17.98
191.8	186.145	155.87
216.55	200.29	141.46
31.165	26.57	30.48
12.3	11.36	12.27
15.015	14.5	12.79
28.005	33.76	19.29
23.4	20.88	12.28
75.72	77.655	24.72

	5.08	3.5	2.52
	9.32	7.685	2.18
	4.005	5.505	5.85
	63.905	55.115	39.62
	7.19	5.55	9.96
	7.735	5.255	7.24
	2.66	1.515	2.29
	2.245	3.185	6.74
	7.33	16.195	9.54
	67.65	68.96	76.62
	588.64	498.445	573.33
	84.1	84.81	89.34
	1.065	0.755	0.38
	2.395	3.745	1.39
	1.9	3.18	0.86
	3.87	3.875	5.74
	10000	10000	10000
	822.13	717.84	1089.04
	2677.9	2152.36	2222.56
	472.295	426.675	505.71
	3.18	2.395	6.22
NA	NA		0.26
	1.54	0.305	1.48
	2.045	4.2	4.29
	4043.125	3672.025	4392.87
	40566.68	31002.73	34949.38
	12054.57	8325.18	8153.51
	152.94	113.68	122.86
	0.835	1.735	0.55
	0.55	NA	0.86
	18.64	13.19	17.88
	1791.02	1618.81	1454.35
	32596.005	30222.57	26265.25
	46143.555	33758.17	30492.08
	2751.085	1933.495	2063.97
	107.625	110.845	123.38
	27.86	23.295	23.61
	45.855	83.215	48.83
	387.165	432.67	294.34
	2635.46	2412.43	2298.97
	13814.06	10429.39	9332.71
	7367.96	5341	4941.44
	2043.405	2097.06	2582.04
	966.01	958.265	1344.61
	93.435	90.49	110.21
	294.71	314.315	175.54

	582.465		568.33		357.56
	1388.64		1199.855		1022.93
	1015.18		792.53		541.85
	207.375		201.535		171.54
	326.34		334.015		259.59
	309.845		334.94		264.57
	35.275		41.525		22.18
	115.13		126.035		82.05
	349.085		342.04		258.19
	353.79		279.905		234.83
	30.43		29.335		10.39
	4		3.52		3.91
	6.83		4.62		2.31
	14.325		13.15		4.21
	26.2		21.67		13.89
	32.22		32.775		22.24
	64.705		55.935		49.54
	43.35		50.6		24.61
	16.93		13.88		9.49
	7.645		4.59		5.93
	4.285		4.41		5.89
	0.665		1.23		0.57
NA		NA		NA	
NA		NA		NA	
	7.26		6.91		1.61
	106.115		86.085		125.72
	451.315		406.355		471.24
	77.3		81.395		67.52
	25.69		26.7		20.79
NA		NA		NA	
	98.195		99.655		114.51
	648.835		587.955		695.45
	290.995		318.08		245.39
	41.325		34.055		27.27
	6.785		3.4		2.22
	2.82		2.475		2.15
	11.98		10.53		17.5
	119.09		112.68		145.04
	95.445		93.69		97.39
	11.705		17.115		9.03
	6.275		12.92		12.08
	19.035		22.725		19.75
	25.31		30.415		33.37
	14.995		17.195		14.49
	55.915		52.06		67.17
	7.665		7.395		5.87

	20.575	17.535	19.47
	12.145	11.425	11.42
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	21.475	11.12	45.27
	8.255	8.065	9.75
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	33000	33000	33000
	196.73	134.3	278.67
	1196.295	997.04	884.85
	7.72	7.595	4.71
	0.07	NA	NA
NA	NA	NA	
NA	NA	NA	
	12.225	11.065	15.19
	694.26	563.96	1010
	10799.21	9420.83	10146.19
	1769.515	1546.525	1113.3
	9.815	13.84	9.63
	16.09	10.7	5.63
NA		0.205	NA
	1.39	2.885	1.89
	1003.105	902.095	1260.28
	17198.28	17170.775	22494.19
	14567.855	12176.83	10071.35
	227.43	213.41	192.85
	137.775	119.46	104.47
	20.445	17.125	13.23
	3.38	3.33	2.26
	41.545	34.02	62.69
	588.3	438.32	801.77
	1975.66	1590.34	2105.3
	282.57	241.36	317.28
	283.15	319.49	342.53
	231.255	241.745	150.61
	31.965	21.79	19.11

	9.025	11.7	10.01
	218.375	191.675	198.54
	1098.395	941.3	967.5
	176.1	137.43	142.69
	69.145	70.29	88.48
	240.47	205.445	247.67
	286.985	231.55	272.85
	2.775	1.37	0.8
	61.675	48.36	33.4
	260.87	189.04	154.89
	56.86	37.98	38.77
	3.075	3.715	3.72
	9.755	6.44	9.42
	9.505	5.79	6.93
NA	NA	NA	
	0.26	0.225	NA
	4.105	1.915	0.96
	1.425	0.695	0.28
	0.175	0.31	0.15
	1.14	1.345	0.79
	2.035	1	1.72
	0.6	0.73	8.915
	8.92	8.69	268.76
	0.15	0.15	0.88
	14.45	15.705	154.145
	170.185	179.89	2980.495
	1.515	1.335	8.525
	51.785	53.495	60.86
	9.68	9.345	110.815
	0.61	0.755	7.455
	18.37	14.57	46.125
	1.115	0.775	11.075
	0.1	0.045	0.23
	4.715	5.225	14.625
	30.89	30.41	291.295
	16.895	19.56	526.905
	0.52	0.785	5.325
	2.14	1.455	11.825
	58.365	65.79	886.7
	868.49	650.525	12627.435
	31.01	32.36	314.605
	0.14	0.07	0.195
	0.305	0.08	1.21
	0.475	0.455	7.915
	0.22	0.14	2.67

AGPAT2_1_p2_2	AGPAT2_1_p2_3	AGPAT2_2_myr_p2_1
25000	25000	25000
5000	5000	5000
1000	1000	1000
73.21	63.115	6.745
2.835	1.61	0.6
555.92	416.68	33.605
55.18	55.045	7.41
3.475	3.52	1.195
25.215	29.98	13.705
2.12	1.865	1.225
215.92	229.57	25.05
405.055	354.78	136.215
572.635	491.96	28.075
475.325	306.315	40.7
4976.455	3912.795	216.41
9.31	7.32	2.37
5.31	4.1	2.735
51.825	31.63	6.675
8.39	9.535	5.48
93.19	92.06	8.335
110.5	120.44	8.33
3.325	5.33	1.23
9.56	6.95	1.625
1.15	0.92	NA
22.33	23.08	23.655
88.49	78.575	185.715
195.29	195.895	482.945
NA	NA	NA
1.43	2.02	NA
1252.68	1170.805	3014.915
1457.28	1401.92	3218.625
5.88	6.015	NA
NA	NA	NA
203.69	190.81	182.755
76.48	77.675	108.78
59.73	60.06	44.84
15.03	10.545	1.745
3.5	4.025	NA
1.8	0.725	6.09
0.43	0.72	NA
4.67	4.305	13.85
NA	NA	NA
9.01	7.245	10.285
95.64	114.94	222.52
0.76	0.94	NA

	1032.56	882.405	2256.275
	2.76	2.86	NA
NA	NA	NA	
	59.7	60.88	58.185
	183.94	168.14	291.48
	50.01	53.63	75.54
NA	NA	NA	
	7.94	8.65	4.575
	9.11	8.555	NA
	5.94	7.82	NA
	1.91	2.1	NA
NA		0.945	NA
NA		0.765	NA
NA	NA	NA	
NA	NA	NA	
NA		0.36	NA
NA	NA	NA	
NA	NA	NA	
	161.84	144.2	422.775
NA	NA	NA	
	52.01	52.365	100.445
	6.44	5.69	2.695
	8.67	9.77	24.06
	1.28	2.55	NA
	0.96	1.795	NA
NA		0.65	NA
NA	NA	NA	
NA		0.94	NA
	0.44	3.665	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA		2.255
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	

NA		0.515	NA
NA	NA		NA
NA		0.505	NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA		2.045	NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA		1.25	NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA		0.44	NA
NA		0.95	NA
NA	NA		NA
NA		1.205	NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA		0.68	NA
NA	NA		NA
NA	NA		NA
NA		0.4	NA
NA	NA		NA
NA	NA		NA
NA		7.385	NA
NA	NA		NA
NA	NA		NA
NA	NA		NA
NA		0.655	NA
NA	NA		NA
	8.04	5.745	7.285

2.77	1.24	2.27
1.615	1.11	1.62
14.595	12.58	4.785
5.075	3.94	3.27
3.53	4.04	4.455
28.46	30.44	11.24
25.47	43.96	21.13
56.895	38.305	22.17
12.875	9.615	0.88
361.21	315.55	192.675
4.19	3.07	0.905
4000	4000	4000
10.23	7.66	1.035
1.305	3.485	1.125
10.315	11.535	1.93
5.04	5.735	7.465
22.92	22.38	2.965
4.84	7.905	0.405
193.69	186.74	31.645
1.425	2.76	1.32
27.81	17.985	3.16
2.98	2.14	NA
10.13	6.105	0.245
10.87	12.35	0.51
139.865	138.36	9.37
135.045	153.48	5.905
242.905	311.07	19.665
1724.35	1943.585	97
20.555	26.64	4.305
1.855	1.265	0.99
1.705	3.465	NA
0.66	0.94	NA
1.96	2.405	0.19
3.545	2.695	0.945
2.495	3.12	0.48
23.495	21.57	1.53
6.515	5.49	9.505
0.775	0.5	0.26
0.16	0.19	NA
115.655	76.82	140.055
26.83	21.11	23.97
0.82	0.82	0.5
21.075	18.3	21.94
145.7	131.28	151.29
2.155	2	1.165
1.38	1.73	1.145

	15.9		19.98		16.26
	3.35		3.63		2.88
	0.815		0.87		0.72
	1.59		1.27		2.045
	1.8		1.58		0.795
	12.86		15.3	NA	
	5.34		4.2		4.065
NA		NA		NA	
	165.015		165		58.305
	106.54		156.35		150.055
	0.475		1.67	NA	
	95.065		108.89		100.18
	1122.515		1235.26		847.2
	28.73		38.18		27.735
	5.175		6.53	NA	
	193.16		229.22		112.74
	36.64		35.09		13.95
	2.295		5.5		1.185
	9.25		15.5		8.755
	25.25		28.59		17.325
	0.72		5.595	NA	
	0.715		8.45		57.425
NA			30.195	NA	
	53.25		45.815		58.685
	12.11		30.55		3.41
NA			23.295	NA	
	104.055		115.54		139.45
	166.705		151.255		171.145
	1.95		25.78		59.825
	0.34		9.62		0.95
	16.755		32.53		12.925
	27.045		53.095		8.74
	2.455		74.59		1.545
	2.835		35.08		3.36
	8.53		57.875		3.715
	0.085		0.305	NA	
	10.37		13.915		8.92
NA			0.995	NA	
	2.135		4.18		1.765
	0.765		0.45		0.17
NA			0.345	NA	
	13.565		22.645		27.88
	21.78		16.72		18.62
NA			0.245	NA	
NA			0.15	NA	
	1.515		0.715		0.885

NA		0.405	NA
NA		0.055	NA
	0.54	0.73	0.58
NA		0.205	NA
	7255.295	6349.57	11930.84
	873.535	812.23	1213.31
	16.465	15.87	20.095
	1.97	2.1	0.855
	0.57	0.61	0.385
	1.99	2.4	2.4
	66.205	57.2	128.83
	21917.15	17788.39	56452.42
	34773.31	31010.71	37549.665
	2089.12	1878.93	2605.35
	25.175	24.68	31.23
	2.635	2.21	2.59
	24.855	20	37.9
	1008.515	876.22	2577.54
	8764.42	8458.28	16515.175
	81080.02	73780.59	110555.975
	20622.305	19053.87	20231.925
	1572.15	1526.26	1704.17
	32.355	27.54	35.905
	85.115	76.69	157.67
	754.895	569.79	1099.915
	8151.87	7276.56	11114.295
	25367.97	22590.68	27630.97
	7062.335	6466.41	7132.335
	1385.29	1313.84	770.325
	594.875	564.47	340.99
	398.715	339.03	727.765
	545.045	509.12	785.835
	2138.745	1696.04	2449.045
	782.16	749.38	672.905
	765.03	650.12	459.745
	3164.27	3439.48	1682.235
	1902.115	1759.14	995.35
	148.915	124.75	180.84
	198.33	190.94	250.7
	74.82	76.31	76.05
	263.21	250.36	165.06
	1268.28	1140.93	779.51
	9.515	11.33	21.145
	19.065	20.43	32.57
	17.74	20.67	26.195
	12.255	11.97	12.02

12.575	12.91	12.475
38.785	39.65	31.045
2.56	2.62	4.865
4.36	4.6	8.21
5.4	5.77	6.925
2.81	3.02	3.67
4.47	4.99	4.065
6.03	7.09	6.425
1189.91	1026.33	2587.665
190.33	150.84	87.36
3.565	3.51	1.985
0.395	0.47	0.1
0.335	0.22	0.095
0.85	0.47	0.38
8.11	9.16	10.475
22053.075	18827.3	52813.425
6318.72	5385.67	6581.03
76.375	61.6	67.885
2.78	3.02	2.66
1.37	0.8	1.71
4.06	3.63	5.385
305.68	269.8	554.235
31089.88	29267.34	109027.08
93094.6	82191.61	145130.68
5348.815	5546.88	8065.78
50.315	53.73	64.31
2.96	2.94	3.34
17.86	15.29	32.865
1076.24	906.15	2744.825
15171.265	13262.46	29044.485
211572.605	199658.41	426306.54
55483.785	51855.16	89695.22
1165.14	1283.66	1341.575
45.23	43.03	41.085
25.495	24.16	34.475
358.515	331.4	914.7
1207.59	1104.13	1646.33
21016.42	18117.15	30016.73
129848.35	112071.6	182178.345
6630.19	5212.9	6722.695
825.465	676.11	520.725
290.33	259.38	147.785
106.315	92.31	115.895
1124.575	1055.13	850.01
1312.455	1050.26	1643.02
10660.28	8749.56	10003.235

	1712.8	1529.77	1629.985
	447.61	481.07	338.725
	912.235	781.21	532.27
	654.025	635.17	415.305
	75.45	70.61	86.8
	68.73	68.44	198.295
	274.26	247.36	612.11
	253.08	214.75	433.805
	38.63	37.96	40.385
	114.96	109.28	85.915
	290.225	279.21	215.355
	7.25	8.09	10.655
	13.725	14.69	55.19
	56.63	49.58	173.29
	55.79	57.93	103.36
	22.615	24.9	17.53
	9.725	12.09	11.3
	17.255	17.84	15.99
	1.17	0.89	1.59
	2.085	2.34	5.43
	6.955	7.09	29.66
	8.985	9.58	19.78
	3.665	3.7	3.77
	3.95	5.91	4.675
	2.56	2.71	3.265
	18.87	27.03	23.01
	8.94	8.49	5.495
	46.525	44.65	63.615
NA	NA	NA	
	213.03	240.12	360.05
	1245.26	1346.91	1606.885
	540.2	583.89	632.375
	110.365	113	186.78
	90.115	123.11	190.17
	7.9	11.83	26.715
	524.81	572.21	773.165
	140.48	167.3	153.08
	120.78	155.46	224.255
	63.075	77.77	146.3
	133.05	156.52	161.48
	365.135	402.01	374.615
	385.01	410.9	532.49
	210.145	225.94	166.16
	11.16	14.69	11.89
	15.62	19.44	11.715
	1.57	2.39	NA

NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
2.22	1.53	NA	
190.055	193.62	309.165	
100.93	107.93	126.14	
2.735	2.43	3.37	
NA	NA	NA	
NA	1.8	NA	
NA	NA	NA	
1.995	1.24	NA	
756.715	754.73	1607.99	
4529.19	4659.09	8440.01	
769.87	776.58	1512.675	
6.49	8.14	12.55	
0.56	1.22	NA	
NA	NA	NA	
13.125	12.83	13.895	
1329.52	1367.65	2791.155	
19954.005	19544.18	37589.385	
16498.12	15910.41	35330.69	
351.205	313.48	665.82	
50.33	74.07	208.79	
11.445	13.43	45.315	
10.175	13.35	16.74	
797.02	830.17	1490.72	
14360.915	15285.78	24441.64	
70505.92	71437.78	127783.9	
3370.05	3855.48	5855.13	
751.485	812.58	1820.57	
311.805	416.51	1048.195	
38.15	38.95	68.76	
181.955	191.68	176.975	
652.405	571.54	846.685	
3761.525	3376.75	5608.185	
1497.255	1656.12	2463.32	
2009.575	2133.67	3918.19	
3225.485	3279.48	7325.135	
864.14	935.94	1449.92	
21.155	19.48	29.535	
82.805	84.96	148.26	
530.195	525.79	881.365	
389.955	439.74	589.3	
250.01	254.79	339.575	
1040.94	1067.16	1257.585	
2439.905	2422.88	3031.55	

	2.03	2.64	6.6
	23.585	27.96	90.745
	122.73	115.44	265.31
	72.615	71.96	122.765
	26.005	32.91	40.61
	76.44	83.79	108.4
	67.11	69.96	84.66
NA	NA	NA	
	0.45	1.25	1.13
	6.9	6.88	21.75
	9.02	7.66	11.605
	6.85	9.62	16.92
	32.64	36.35	61.475
	22.965	23.51	33.515
	12.46	46.205	8.895
	272.795	314.96	152.28
	27.775	91.645	69.905
	1.915	36.425	NA
	8.645	19.115	4.565
	26.2	53.425	6.3
	110.825	154.06	98.345
	4.17	24.745	2.075
	2.215	24.085	3.15
	7.6	18.06	3.49
	10.215	34.29	6.91
	93.925	121.89	86.98
	1.395	4.845	1.165
	43.505	76.225	29.115
	743.8	796.57	975.19
	393.015	454.78	502.705
	23.815	46.17	17.805
	1.71	14.875	0.245
	2.545	10.73	1.585
	145.465	166.28	167.405
	484.92	468.79	661.13
	143.265	199.1	195.66
	23.16	41.86	21.32
	23.715	38.005	11.45
	152.39	207.15	210.315
	145.565	168.36	215.63
	22.3	44.845	22.79
	9.51	28.39	2.185
	11.02	62.525	2.49
	24.5	58.745	10.9
	19.915	35	13.98
	55.12	71.43	9.355

2.495	54.995	1.335
6.56	20.85	2.87
8.95	38.505	4.595
43.975	89.855	29.3
11.52	56.025	13.49
6.31	42.19	11.125
7.035	36.905	5.54
3.59	20.585	0.545
11.375	36.425	12.355
74.905	140.76	56.035
508.435	441.58	549.715
87.4	137.535	79.795
0.615	22.215	NA
1.57	45.305	0.925
3.135	16.42	NA
5.75	24.28	2.07
10000	10000	10000
850.87	945.55	850.02
2114.975	2162.23	2974.655
412.875	444.335	457.72
5.425	26.085	4.925
0.29	16.955	NA
0.87	9.925	NA
4.235	21.59	0.745
4033.725	4365.285	3565.56
30887.36	31784.53	40463.485
8026.22	7871.435	13926.1
133.635	171.925	178.775
1.17	35.915	3.97
0.75	8.145	NA
25.7	43.025	8.565
1387.01	1524.025	1794.13
24737.99	23195.955	34706.01
28098.33	26688.85	51778.445
1959.735	1909.055	3487.3
116.915	144.615	126.24
23.025	50.37	13.73
66.055	87.605	30.765
370.695	470.105	161.845
2279.26	2218.75	2749.79
8619.95	8210.835	12931.47
4706.42	4487.665	7486.96
2325.435	2310.34	2096.875
1088.405	1184.495	1058.5
111.41	126.56	82.965
227.21	343.54	56.92

	417.7	470.62	275
	993.27	988.925	1347.665
	616.17	620.275	1085.105
	181.64	183.73	230.54
	279.51	304.875	373.14
	276.785	332.655	335.415
	32.27	100.115	3.905
	92.43	115.255	41.555
	274.395	217.47	161.875
	229.035	208.085	178.585
	34.37	46.635	8.71
	4.565	11.975	0.795
	3.415	20.6	2.335
	11.495	76.65	1.31
	23.16	65.565	6.67
	26.82	73.49	7
	47.655	52.745	38.115
	32.36	43.17	9.83
	17.22	19.825	0.955
	4.645	27.855	0.305
	7.1	7.76	3.995
	0.575	1.085	0.52
NA	NA	NA	
	0.105	0.32	NA
	3.355	4.655	2.08
	102.83	97.87	122.845
	432.42	402.44	469.895
	70.69	60.01	89.565
	22.995	22.48	5.14
	0.065	0.2	NA
	99.255	97.155	120.275
	597.15	600.62	756.09
	181.92	227.415	326.89
	22.61	25.83	27.71
	5.28	2.605	0.725
	2.905	2.63	3.155
	18.505	12.155	11.49
	145.195	137.565	157.205
	87.89	95.65	155.78
	12.81	11.205	12.865
	8.405	8.745	4.31
	16.54	18.69	13.485
	32.355	27.44	28.955
	17.665	14.135	16.44
	56.32	44.305	63.09
	5.995	4.925	4.44

	16.24	18.22	17.715
	10.895	11.315	18.09
NA		0.125	NA
	0.225	0.46	NA
NA		0.225	NA
	0.255	0.315	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	36.445	31.415	26.865
	9.44	14.24	11.18
NA		0.295	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	0.14	0.62	NA
	33000	33000	33000
	282.86	288.39	275.595
	801.205	827.99	1444.905
	4.12	4.22	11.98
	0.375	0.15	NA
NA		0.24	NA
NA		0.06	NA
	12.405	13.285	11.375
	899.505	845.02	884.875
	10090.45	8949.165	13878.635
	1103.275	1041.075	2017.525
	9.03	11.23	14.15
	10.39	9.91	1.705
NA		0.26	NA
	4.01	2.695	2.845
	1149.36	1053.45	1245.3
	19560.57	18749.28	22017.94
	9816.185	10037.25	17972.88
	185.055	186.19	285.55
	107.385	70.645	90.45
	14	10.87	7.255
	5	4.16	2.495
	57.225	62.81	50.145
	717.665	630.245	744.335
	1940.785	1871.39	2869.27
	318.295	246.595	324.43
	289.2	280.045	228.125
	162.43	128.87	190.055
	19.57	23.635	28.305

	11.44		8.225		12.495
	172.01		144.235		280.77
	822.215		851.325		1444.08
	152.305		115.915		171.98
	73.28		74.34		73.12
	216.935		228.37		309.235
	275.405		285.53		334.23
	0.865		1.12		0.69
	34.205		22.825		81.515
	135.2		120.89		347.035
	43.57		43.67		63.79
	2.915		4.28		1.52
	11.015		8.825		6.08
	6.84		6.08		3.005
NA		NA		NA	
	0.275	NA			0.11
	1.74		2.685		3.94
	1.085		0.395		1.03
	0.175		0.17	NA	
	1.115		0.695		0.79
	0.815		1.16		1.325
	8.955		12.015		0.855
	229.215		276.32		10.435
	0.835		1.035		0.145
	164.55		142.095		12.555
	3109.24		3838.235		110.04
	8.565		9.62		1.375
	64.305		61.32		52.125
	115.455		129.025		9.18
	7		6.585		0.75
	40.57		47.34		18.435
	11.695		14.435		1.24
	0.165		0.175		0.035
	15.235		18.38		5.385
	319.52		432.32		32.345
	537.615		754.665		19.115
	6.455		8.585		0.61
	11.76		20.515		1.49
	864.335		1147.935		55.48
	12531.94		19301.46		570.385
	310.19		541.205		22.25
	0.16		0.175		0.055
	0.845		1.33		0.155
	8.24		11.83		0.575
	2.495		3.295		0.29

AGPAT2_2_myr_p2_2	AGPAT2_2_myr_p2_3	AGPAT2_2_p2_1
25000	25000	25000
5000	5000	5000
1000	1000	1000
7.73	9.27	65.67
1.78	1.28	2.66
41.645	41.585	560.885
11.86	8.54	53.07
0.985	1.64	1.995
14.85	14.725	25.295
0.85	2.795	2.3
28.38	29.945	218.225
157.87	141.15	305.755
33.51	32.09	465.085
45.185	46.515	356.99
283.945	280.65	4200.36
2.185	2.575	10.015
0.85	1.71	5.87
4.725	6.74	41.475
4.92	7.185	7.8
8.745	9.455	98.46
9.01	11.655	91.395
1.27	1.3	3.13
1.74	2.795	8.725
0.835	0.445	1.47
33.76	21.32	18.97
132.79	87.92	72.16
311.97	215.765	183.965
NA	NA	NA
0.525	1.85	0.995
2157.15	1437.55	1110.23
2539.045	1567.79	1350.47
2.855	6.095	3.2
NA	NA	NA
205.51	204.315	197.19
97.845	91.585	92.76
53.2	60.21	57.8
9.685	14.99	14.575
0.6	2.77	2.42
5.485	4.495	1.53
0.505	0.93	NA
5.9	11.75	10.98
NA	NA	NA
3.315	8.15	7.04
198.79	110.885	92.81
0.265	0.35	NA

	1818	1182.97	866.13
	1.53	2.24	1.48
NA	NA	NA	
	71.165	66.06	51.175
	225.275	221.455	192.72
	41.19	63.21	39.1
NA	NA	NA	
	9.555	8.725	9.305
	3.175	9.445	9.35
	1.385	7.6	5.235
	1.005	2.09	0.435
NA		0.2	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	348.49	172.77	136.425
NA	NA	NA	
	76.975	70.795	49.26
	7.36	8.175	7.355
	20.67	19.785	14.415
	0.865	2.94	1.74
	0.57	0.865	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
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NA	NA	NA	
NA	NA	NA	
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NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA		0.22	NA
NA	NA	NA	
NA	NA	NA	
	0.285	0.78	NA
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	

NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
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NA	NA	NA
NA	0.205	NA
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NA	NA	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
6.865	9.82	9.785

	2.085	2.665	2.525
	1.095	1.665	1.535
	9.71	8.785	14.97
	3.865	5.94	5.29
	3.49	3.84	2.945
	14.45	19.675	26
	22.145	24.665	22.89
	20.47	35.5	38.625
	0.905	1.615	9.935
	176.015	222.135	259.525
	2.74	2.4	3.515
	4000	4000	4000
	1.33	2.345	9.68
	1.585	0.74	1.935
	1.62	2.85	9.305
	4.375	3.905	4.16
	5.96	2.275	18.51
NA		1.815	4.815
	26.43	23.44	186.165
	0.375	0.71	1.885
	3.08	2.11	29.21
NA		0.415	3.355
	0.96	0.33	10.765
	1	1.25	13.565
	11.015	10.18	118.745
	11.295	5.6	114.175
	33.34	14.565	239.975
	174.56	92.84	1622.775
	5.465	4.36	18.45
	1.67	2.66	1.9
	1.325	0.83	1.765
	0.84	0.565	0.99
	0.985	0.74	2.255
NA		1.025	2.05
	0.45	0.6	4.39
	3.01	0.525	21.34
	8.93	10.585	3.655
	0.515	0.55	0.42
	0.18	0.21	0.13
	135.89	133.27	71.75
	24.475	29.64	14.59
	0.905	0.905	0.625
	26.875	27.735	12.73
	151.99	161.495	101.24
	1.715	2.345	1.425
	1.395	2.11	0.785

24.05	19.71	14.505
2.74	3.435	2.615
0.94	1.32	0.755
2.475	1.635	1.135
1.985	1.785	1.115
4.67	6.815	6.81
4.55	5.72	2.895
NA	NA	NA
91.9	103.99	101.885
195.06	205.72	76.34
NA	2.215	0.615
101.885	111.21	85.785
1204.035	1377.255	706.235
51.5	57.625	26.715
5.1	5.725	3.12
258.965	234.155	171.965
25.955	36.205	18.69
4.3	4.315	2.83
15.485	12.845	11.72
34.515	34.825	19.82
NA	0.28	NA
0.805	0.77	0.38
NA	NA	NA
44.935	26.78	32.87
9.18	6.36	7.345
NA	NA	NA
181.585	159.58	68.56
177.19	111.88	81.05
22.335	3.355	1.155
NA	1.405	0.55
5.94	13.155	8.38
12.52	17.15	9.815
1.52	0.965	1.64
1.22	2.57	2.335
6.225	4.42	4.83
NA	NA	NA
9.1	7.3	11.055
NA	NA	NA
2.425	3.895	2.635
0.07	0.595	0.165
NA	NA	NA
38.405	36.15	11.195
19.925	17.57	13.79
NA	NA	NA
NA	NA	NA
1.17	0.88	0.725

NA	NA	NA
NA	0.235	NA
1.515	1.57	0.47
0.22	NA	NA
11463.535	8477.52	7008.44
1211.965	1061.385	874.23
21.21	23.515	17.71
1.235	2	1.95
1	2.76	0.52
2.635	2.805	1.855
102.98	79.09	56.505
47680.74	34651.095	21253.025
37408.755	36584.58	30973.735
2472.865	2453.77	2020.37
32.755	37.69	25.76
3.22	4.675	3.19
36.745	28.65	21.87
2199.315	1251.605	1040.525
14496.175	11018.08	8787.21
116810.02	91359.195	75092.955
24506.335	21259.155	18508.455
2001.67	1860.81	1465.055
37.38	42.23	33.14
144.515	140.425	108.925
1027.78	818.14	649.62
11380.715	8568.725	8182.23
29330.025	25484.715	21292.95
7020.305	6751.175	5959.125
1009.785	1053.035	1315.5
419.225	491.825	530.55
702.025	498.37	366.01
734.145	561.005	534.77
2461.29	1991.495	1981.525
997.91	1262.965	842.855
562.05	638	686.795
2376.075	2493.405	2808.05
1430.1	1629.72	1750.76
261.135	477.085	164.495
517.23	1048.825	229.085
97.705	140.83	85.485
211.605	250.085	240.75
995.555	1086.58	1158.86
20.935	23.63	13.21
39.27	60.63	23.06
47.13	106.71	23.56
31.265	97.77	20.725

15.005	31.99	14.71
36.73	55.845	37.205
5.96	12.305	3.28
9.905	17.66	5.705
10.445	30.13	7.15
8.17	24.86	5.015
16.52	63.195	6.85
24.59	99.5	8.56
2017.625	1525.835	1077.98
71.4	78.055	144.04
2.475	2.93	3.205
0.24	0.845	0.235
0.33	1.54	0.24
0.415	0.86	0.4
13.125	10.76	6.36
42666.365	25560.28	21222.93
5622.435	4266.38	4909.175
64.37	55.98	64.875
3.37	5.58	3.035
2.2	7.09	1.17
4.62	5.875	3.3
534.31	409.19	300.7
87237.82	50804.29	30201.33
136454.78	98911.725	92055.2
8126.76	5701.025	5186.28
63.65	67.15	53.415
4.855	7.435	3.63
30.72	26.905	18.425
2388.2	1554.04	1020.905
27164.44	16932.305	14077.42
352892.065	213731.535	214186.52
78491.185	52133.41	52567.94
1479.145	1161.68	1135.815
44.93	43.085	44.61
37.485	32.065	25.525
701.165	521.995	369.205
1669.285	1325.87	1188.98
32575.88	20999.34	21469.405
181664.715	127415.745	130202.825
7162.545	6135.345	6396.195
618.06	591.76	811.835
205.71	221.93	277.985
125.9	108.685	96.35
890.515	1051.905	1048.455
1313.375	1017.695	1251.965
8297.445	5345.19	10942.375

	1686.485	2046.405	1679.66
	386.255	369.24	445.86
	590.85	609.155	842.92
	485.69	503.03	611.935
	80.74	78.49	67.15
	160.32	97.34	73.82
	487.425	316.085	305.345
	372.07	329.15	274.42
	51.72	88.64	44.835
	92.18	95.615	122.41
	223.85	230.085	299.995
	9.885	13.05	7.82
	39.71	30.915	18.85
	132.96	83.735	61.555
	86.62	79.815	61.165
	21.21	29.15	21.375
	14.005	41.22	12.52
	24.86	60.775	18.435
	1.965	7.115	1.71
	5.59	9.47	2.955
	23.41	17.51	9.605
	16.155	19.47	11.57
	8.62	27.6	4.145
	22.41	102.595	6.595
	31.385	154.665	6.33
	19.76	18.535	18.96
	6.87	11.59	5.085
	51.925	48.215	40.88
NA	NA	NA	
	278.835	205.28	247.22
	1626.855	1053.54	1332.335
	733.41	494	520.445
	180.485	153.355	111.505
	151.305	97.29	145.825
	17.39	7.98	13.435
	795.155	579.045	492.355
	181.795	139.555	149.07
	185.57	129.145	155.875
	136.135	77.18	86.975
	185.255	150.495	148.68
	413.84	366.09	343.165
	482.555	418.855	446.68
	239.21	222.53	195.245
	16.175	18.28	10.99
	22.44	21.32	15.32
NA		3.845	1.845

NA	NA	NA
NA	NA	NA
NA	0.85	1.415
NA	1.925	0.795
238.23	145.15	171.73
150.365	101.39	95.685
2.85	4.265	1.395
NA	1.46	NA
2.455	2.365	0.755
NA	NA	NA
0.94	2.275	0.73
1152.945	653.36	800.22
7937.27	4512.365	4706
1476.745	898.425	713.51
10.83	11.455	7.765
3.245	2.99	2.03
NA	NA	NA
11.915	11.6	9.865
2125.72	1202.6	1437.305
31266.24	18809.235	20682.325
34370.64	20479.87	17068.355
622.175	365.98	352.295
132.885	56.29	90.335
25.85	11.215	15.11
17.21	11.16	10.415
1207.95	736.055	845.295
23455.13	13686.965	15326.235
120202.165	66511.35	73474.98
6228.315	4086.73	3366.44
1478.505	861.26	871.025
754.43	399.325	447.26
54.44	42.31	37.68
208.795	188.26	186.405
742.935	468.18	593.595
4865.1	2518.185	3555.03
2479.355	1510.37	1511.845
3708.71	2595.995	2177.065
6720.685	4410.215	3689.44
1610.235	980.39	998.22
26.305	23.845	22.295
133.545	88.735	84.955
771.255	516.45	603.445
622.615	413.445	420.37
355.73	292.425	287.675
1480.75	1112.7	1125.015
3274.54	2553.15	2425.035

7.82	11.735	4.345
53.855	32.695	23.255
189.65	135.17	119.31
105.68	86.875	80.68
45.48	40.405	32.045
116.585	94.1	85.685
96.535	77.51	75.945
1.095	3.23	1.5
3.2	5.005	1.82
15.62	13.535	9.915
11.045	9.42	11.415
19.855	28.195	11.185
80.415	111.03	46.385
54.085	105.11	39.08
16.285	13.79	12.32
316.3	302.275	278.005
36.84	58.54	36.475
1.52	2.32	1.485
8.6	5.19	7.425
18.305	32.58	35.355
146.065	154.2	115.075
6.225	4.895	4.94
0.875	1.76	2.11
5.75	3.285	6.59
12.485	8.97	8.5
78.54	78.325	75.84
0.25	2.4	2.275
48.19	41.16	32.09
960.89	843.54	807.29
601.82	421.53	330.12
21.37	21.635	18.905
1.565	0.77	0.98
1.24	0.885	1.67
170.335	148.755	126.32
731.78	594.275	434.17
232.945	156.205	155.19
23.365	24.575	18.86
17.005	17.13	22.795
192.535	191.19	141.725
198.92	173.92	125.725
38.825	28.615	17.77
11.255	11.68	19.445
4.67	10.065	10.195
31.08	27.285	22.65
19.545	23.41	17.745
41.045	60.065	56.305

0.51	2.42	2.445
2.155	5.915	12.13
6.27	5.33	6.585
60.735	51.77	49.44
8.625	10.135	12.72
5.36	8	6.475
1.71	2.585	3.495
0.395	2.485	4.455
16.185	15.845	10.14
83.76	71.465	77.81
618.495	500.315	450.48
68.735	84.555	76.77
0.69	0.98	0.72
2.04	1.525	1.405
0.25	3.295	1.95
5.595	3.835	8.57
10000	10000	10000
974.005	778.435	845.995
3197.625	2257.755	2216.655
484.575	435.255	404.5
3.165	3.145	3.24
NA	0.23	0.27
0.28	0.8	0.52
3.79	4.535	5.76
4495.15	4061.32	3630.735
44588.145	35196	29812.645
14592.085	9346.195	8338.335
215.515	138.565	137.615
0.95	1.47	1.47
NA	0.67	1.215
16.2	24.215	23.535
2126.795	1732.275	1225.16
39988.605	32286.735	23699.525
50657.115	36263.135	28736.68
3151.515	2036.135	1792.21
153.38	124.205	109.955
22.47	30.075	30.22
48.69	58.56	71.815
269.365	336.765	367.64
3320.23	2447.635	2349.44
14153.645	10620.635	8475.28
7960.06	5624.685	4641.105
2659.78	2453.05	2242.59
1081.985	1122.345	1158.36
119.405	95.34	113.5
145.32	226.815	235.445

405.06	406.875	390.21
1529.085	1212.215	886.37
1071.495	819.865	622.03
245.395	223.245	187.99
403.085	382.15	282.905
458.97	380.505	287.065
19.92	31.965	26.535
84.2	101.49	110.87
309.64	272.4	232.545
302.28	244.41	224.895
8.175	24.905	23.005
1.71	3.25	4.99
4.08	3.91	2.185
9.37	6.935	12.5
12.405	17.01	19.445
16.16	21.555	20.67
40.33	34.515	41.53
21.185	30.065	32.125
6.465	12.24	16.11
3.7	7.045	7.73
3.11	3.655	5.5
0.365	0.665	0.525
NA	NA	NA
NA	NA	NA
0.73	6.28	3.64
103.375	92.235	103.305
461.765	404.925	359.375
89.63	77.66	55.735
9.99	19.535	29.445
NA	NA	NA
94.345	107.265	87.875
696.44	609.825	516.885
285.63	261.69	155.45
24.36	31.465	19.845
3.67	3.115	3.67
3.27	3.75	3.085
15.46	9.935	13.475
151.31	116.865	118.13
104.305	98.915	96.16
7.445	8.74	7.565
3.29	8.96	8.63
15.53	17.28	12.805
20.395	25.665	23.845
17.085	21.485	16.05
64.465	60.35	49.72
9.08	9.065	8.49

10.96	15.695	11.71
9.565	12.1	8.695
NA	NA	NA
NA	0.23	0.12
NA	NA	NA
NA	0.2	0.125
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
19.845	18.91	34.615
14.715	11.27	8.975
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	0.11	0.205
33000	33000	33000
228.25	166.105	310.775
1375.005	1041.59	807.035
6.605	6.505	4.34
NA	NA	0.065
NA	NA	NA
NA	NA	NA
7.03	12.74	11.795
808.74	583.74	807.28
12335.725	10113.765	8218.615
1855.85	1515.235	922.74
11.205	11.175	10.615
6.24	8.465	7.61
NA	0.065	NA
2.805	3.555	3.755
1037.995	1004.54	928.955
19383.985	17299.435	16320.255
14199.56	12915.42	8410.775
223.245	231.165	160.245
84.83	82.33	106.485
8.76	13.75	12.175
1.275	3.41	1.545
44.585	38.94	39.435
553.515	432.725	772.395
2127.09	1704.41	1917.49
287.995	258.965	243.085
254.425	312.365	279.335
206.865	223.98	172.015
24.215	31.36	18.735

8.455	7.995	6.205
263.815	186.26	168.755
1214.265	902.85	748.515
186.72	149.435	125.405
62.835	71.235	73.825
248.395	255.125	234.4
339.745	275.22	280.085
1.08	1.735	1.065
64.285	47.11	27.315
248.415	182.815	108.25
57.72	43.125	35.525
2.37	2.51	1.97
3.925	9.27	9.27
4.015	8.705	5.87
NA	NA	NA
0.14	0.07	NA
3.035	3.185	0.825
0.475	0.71	0.69
NA	0.225	0.105
0.47	1.25	0.87
1.34	1.27	1.18
0.74	0.935	8.08
12.8	10.675	225.615
0.19	0.145	0.825
22.725	19.275	178.565
280.405	193.775	3232.19
1.985	1.88	8.485
112.32	90.3	75.285
16.875	13.645	136.345
1.235	1.205	8.46
50.5	27.52	41.565
2.225	1.825	10.17
0.095	0.065	0.175
17.33	7.28	18.57
146.49	60.975	344.47
37.285	23.085	575.085
1.13	0.86	5.31
3.435	1.875	12.52
119.185	59.89	805.545
1513.485	785.765	12254.175
55.715	34.43	263.72
0.115	0.16	0.165
0.305	0.145	1.47
1.16	0.54	8.51
0.35	0.23	2.43

AGPAT2_2_p2_2	AGPAT2_2_p2_3	Hela_myr_p2_1
25000	25000	25000
5000	5000	5000
1000	1000	1000
74.15	35.995	7.15
4.075	1.525	1.71
520.995	197.78	24.85
68.02	24.18	9.29
4.495	2.35	0.76
32.695	14.13	10.82
1.715	1	1.08
202.55	94.7	23.26
399.915	169.15	82.28
510.555	219.13	24.24
395.12	195.51	48
4812.77	1837.79	221.06
4.795	4.35	1.53
3.875	2.115	1.62
32.4	17.32	4.89
11.025	6.31	3.7
110.555	42.035	9.62
97.61	51.235	9.95
2.29	2.08	1.23
6.09	2.59	1.42
0.77	0.905	0.26
20.185	12.82	74.12
76.025	53.75	133.71
174.95	106.715	361.145
NA	NA	NA
2.79	0.465	2.7
1093.11	736.01	1050.9
1313.44	888.595	1279.885
3.915	3.205	8.165
NA	NA	NA
177.925	128.455	156.395
88.235	57.685	65.23
44.39	37.005	40.64
11.69	5.01	6.6
3.605	1.04	1.085
3.585	3.27	4.11
NA	0.165	2.355
9.32	4.605	14.02
NA	NA	NA
7.46	2.16	31.855
97.695	61.645	295.98
0.455	0.205	4.115

863.895	572.64	1438.62
2.295	0.83	7.72
NA	NA	0.25
56.905	38.285	90.235
163.65	99.845	299.76
46.06	31.115	76.23
NA	NA	NA
7.915	4.195	10.315
10.635	5.495	12.395
6.465	1.525	7.635
1.13	0.335	2.66
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
180.485	91.865	286.52
NA	NA	NA
62.98	35.03	108.975
10.97	7.765	18.87
14.33	10.59	21.505
1.28	1.225	5.28
1.565	1.18	4.41
0.185	NA	0.465
NA	NA	NA
NA	NA	NA
0.48	NA	0.555
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
0.385	0.115	NA
NA	NA	NA
NA	NA	NA
0.98	0.175	1.135
0.22	NA	NA
NA	NA	NA
NA	NA	NA

0.345	0.135	1
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	1.37
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
0.235	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
8.305	6.275	9.17

2.475	2.675	1.95
1.535	1.44	2.16
18.225	8.91	4.34
6.14	5.12	1.39
2.535	3.05	2
32.045	18.14	5.86
28.65	17.82	7.97
45.74	28.22	9.34
10.855	3.905	1.44
288.09	198.525	43.36
2.395	3.755	1.36
4000	4000	4000
7.77	3.23	1.735
3.44	0.605	0.94
12.045	3.84	3.705
4.515	3.58	5.04
16.505	7.3	2.6
3.715	1.145	1.785
131.975	63.315	28.435
2.79	1.02	1.32
25.425	9.37	3.655
2.43	2.035	1.015
11.465	2.8	2.425
10.165	3.16	1.585
97.365	40.335	10.82
116.115	43.87	6.365
275.745	77.595	19.53
1707.255	613.45	129.65
23.55	9.605	3.79
3.63	0.81	1.7
2.25	1.27	1.955
0.78	0.88	0.865
1.605	0.415	1.04
3.35	1.005	0.295
5.02	1.645	0.485
17.81	6.46	1.375
4.38	3.4	7.075
0.33	0.33	0.515
0.155	0.105	0.095
77.58	51.025	79.235
15.885	11.22	15.07
0.655	0.53	0.475
15.385	12.975	17.975
100.245	70.88	86.6
1.42	1.05	0.92
1.12	1.075	1.08

15.31	12.345	12.77
2.615	2.1	1.975
1.03	1	0.865
1.055	0.96	0.92
1.19	0.75	0.6
7.745	4.96	2.37
6.77	3.965	4.09
NA	NA	NA
119.185	77.9	37.595
91.41	60.635	57.36
NA	NA	NA
90.72	63.575	50.53
793.145	459.97	347.175
27.285	17.51	14.145
5.415	3.475	2.665
195.755	161.015	72.375
23.955	16.045	5.84
3.93	1.46	2.48
12.85	5.475	2.97
22.715	15.005	6.075
NA	0.65	NA
1.55	1.525	1.47
NA	NA	NA
28.43	26.875	3.29
11.48	9.08	4.37
NA	0.31	NA
88.67	69.35	176.77
98.39	71.83	120.21
0.82	1.97	2.845
0.84	2	0.415
11.11	9.635	6.455
13.39	10.635	15.6
2.59	2.22	4
4.57	2.765	0.43
4.13	4.035	6.4
NA	NA	NA
10.7	16.335	10.415
NA	NA	NA
1.29	1.465	1.13
0.38	1.02	1.415
NA	NA	NA
12.8	10.59	20.2
12.87	11.23	29.72
NA	NA	NA
NA	NA	NA
0.47	0.355	1.145

NA	NA	NA	
NA	NA		0.14
	0.15	0.16	1.02
NA	NA	NA	
	6088.06	4466.375	5405.97
	801.25	546.64	1073.345
	17.235	12.95	22.865
	2.085	1.225	1.4
	0.97	0.63	0.89
	2.14	1.48	2.425
	60.96	41.6	101.13
	18372.775	14918.9	30136.79
	29050.585	23476.835	22858.83
	1915.085	1393.27	2343.14
	27.995	17.395	29.36
	3.12	2.56	3.52
	24.985	17.11	25.29
	956.98	709.235	1485.285
	8230.76	5970.915	9604.915
	69634.94	51684.545	69267.685
	17417.72	12487.8	13454.125
	1445.62	963.86	1337.545
	33.67	21.915	31.755
	111.965	76.055	91.555
	646.49	456.195	539.3
	7417.02	5088.705	5766.12
	22646.255	15094.425	14457.13
	6182.8	4160.115	4183.85
	1375.43	953.675	978.46
	554.775	355.105	438.53
	353.685	247.38	390.68
	505.685	347.48	355.875
	1907.565	1246.395	1171.36
	812.49	525.66	388.345
	697.97	481.365	536.66
	3004.99	2083.93	2057.07
	1802.52	1192.42	1258.175
	166.07	105.55	76.39
	255.98	151.595	91.935
	88.025	60.225	60.265
	262	192.05	221.88
	1096.595	803.035	863.395
	15.9	9.73	8.9
	26.21	18.5	14.125
	38.9	19.68	10.985
	24.82	15.78	9.435

18.47	13.255	13.635
43.065	29.23	23.395
4.575	2.85	1.965
7.965	5.465	3.07
12.4	7.79	3.76
8.225	4.81	2.645
11.635	7.735	4.03
14.5	8.885	4.295
1015.42	748.73	2038.92
149.555	97.895	81.435
3.715	2.625	2.245
0.4	0.26	0.32
0.53	0.28	0.32
0.525	0.345	0.53
6.425	6.19	12.655
18784.92	13056.63	29955.7
4719.82	2998.19	5957.715
62.97	42.575	70.1
3.35	2.03	2.615
2.085	1.485	1.325
3.6	3.295	3.71
280.025	204.305	239.66
26767.175	20936.575	51788.605
84264.22	59916.125	86663.55
5067.78	3534.845	6623.725
52.53	32.365	53.17
4.255	3.07	3.825
16.67	13.475	21.585
859.195	756.18	1450.025
12775.04	9862.005	15182.855
194547.915	138111.305	204888.125
49241.91	32646.335	61031.48
1132.58	725.755	983.34
43.93	28.06	46.975
24.11	18.21	24.845
332.01	259.375	443.595
1181.43	851.91	986.965
18963.48	12699.63	17286.595
120572.57	79144.51	122523.57
6055.865	3716.78	4505.125
775.375	470.07	492.365
278.53	178.61	209.705
98.575	68.2	92.54
1028.485	700.58	777.89
1107.355	774.29	906.425
8768.83	5541.29	5091.215

	1503.235	845.83	875.235
	425.045	281.925	269.14
	835.81	567.565	669.605
	622.155	399.535	486.5
	68.095	55.605	33.565
	69.32	48.385	88.995
	276.38	182.545	246.695
	247.26	151.95	150.9
	50.59	31.825	29.475
	118.26	81.185	94.64
	286.93	197.055	279.88
	8.43	5.895	5.29
	17.28	12.095	26.635
	58.175	41.21	83.485
	63.08	37.755	42.83
	24.92	16.32	9.7
	16.14	10.825	8.84
	23.525	16.21	17.66
	2.285	1.31	0.725
	3.215	2.695	2.52
	9.845	6.1	11.99
	10.28	7.69	8.93
	7.03	4.13	2.085
	12.295	4.595	2.63
	14	3.43	2.3
	19.585	16.61	15.27
	7.795	5.79	4.69
	42.47	35.88	23.645
NA	NA	NA	
	240.78	138.71	122.755
	1283.21	808.575	735.335
	544.7	328.8	307.525
	111.28	75.97	51.515
	145.01	114.14	109.22
	11.535	6.185	3.665
	487.45	325.905	206.535
	156.035	101.975	76.695
	164.57	99.18	95.235
	89.38	55.63	61.135
	156.23	101.285	125.15
	382.25	254.555	253.32
	420.055	279.55	278.715
	211.495	132.19	138.255
	15	12.39	14.12
	25.61	29.21	11.55
	2.97	2	0.895

NA	NA	NA
NA	NA	NA
2.265	NA	1.21
NA	1.17	0.685
190.365	95.45	199.55
105.82	66.78	183.06
2.385	1.89	3.85
NA	NA	0.53
1.97	1.735	NA
NA	NA	NA
2.115	2.225	1.755
793.515	462.18	794.12
4442.43	2959.42	6186.905
750.79	457.35	1338.225
8.295	4.965	10.955
3.165	1.68	2.305
NA	NA	NA
13.48	9.49	8.3
1319.325	898.14	1341.575
20069.245	12633.84	21654.96
16988.005	10896.29	22077.62
372.8	212.225	407.86
86.975	40.425	99.135
16.745	11.365	25.325
11.65	6.135	5.16
879.015	494.51	770.295
14729.405	9572.22	13863.415
71092.77	45339.99	56609.87
3589.2	2280.385	3295.065
920.16	582.57	1065.125
444.525	249.19	529.405
49.215	27.36	55.85
194.26	120.33	109.95
632.165	381.37	402.26
3610.085	2207.725	2608.01
1542.66	1054.04	1091.41
2216.45	1572.705	3328.34
3594.57	2395.945	4819.81
1010.285	679.415	1308.33
25.8	13.665	16.09
85.775	58.165	92.53
578.05	378.005	416.47
447.07	292.215	187.95
298.02	176.04	228.48
1231.875	808.165	1060.485
2639.495	1693.615	2679.915

4.32	3.44	3.51
27.56	21.485	42.27
119.19	83.715	108.265
82.375	53.53	48.035
32.66	22.485	28.695
93.165	55.32	84.715
78.8	48.78	57.74
0.665	NA	0.955
2.315	1.755	1.845
11.44	6	8.83
8.57	5.06	4.82
11.315	4.71	9.92
68.385	29.48	53.025
33.915	19.075	24.495
11.2	11.205	9.44
251.75	190.23	160.815
35.4	23.355	25.935
3.97	0.94	1.9
9.58	4.315	3.66
31.47	20.12	18.035
113.4	88.66	63.155
3.34	4.74	3.935
2.29	1.185	2.035
6.66	3.41	5.62
11.68	5.71	4.92
75.45	47.705	29.67
1.7	1.265	1.055
34.37	24.61	7.175
897.74	424.03	260.625
420.62	217.95	217.335
28.38	11.78	15.85
0.78	0.825	0.565
1.64	0.865	NA
139.78	93.41	123.025
465.61	298.02	571.245
129.61	78.68	152.21
28.42	13.28	18.105
22.41	16.125	28.06
194.47	90.61	147.075
172.69	101.825	160.715
32.63	16.905	36.25
16.54	9.055	9.705
10.39	11.26	11.985
30.57	12.43	17.715
22.31	7.915	21.165
53.36	29.775	43.14

2.3	1.65	2.075
8.97	3.015	6.15
9.03	3.86	4.175
56.48	27.205	50.925
7.8	8.23	8.445
9.42	5.97	4.84
3.35	2.78	1.26
3.39	2.3	0.995
11.2	9.48	5.205
54.31	35.975	27.69
456.49	308.52	332.08
106.19	49.59	54.26
0.45	0.435	0.86
1.04	2.22	1.51
2.85	1.825	2.735
13.4	2.945	1.685
10000	10000	10000
877.92	518.175	102.245
2010.9	1327.1	538.9
417.55	245.18	292.595
6.33	2.375	1.57
0.34	0.1	0.55
0.32	0.96	0.98
3.73	4.665	3.96
3755.71	2484.25	437.885
32558.53	17997.88	7590.265
7978.19	4758.34	5479.765
147	70.74	47.94
2.2	0.57	1.22
1.07	0.46	0.57
17.49	8.54	1.92
1320.53	833.605	988.425
25182.46	15079.545	18527.585
28085.84	16475.635	32151.48
1818.45	1046.795	1355.54
145.3	72.035	80.41
31.78	17.565	23.05
58.22	61.2	49.085
375.43	201.895	125.79
2174.72	1370.325	980.265
8301.29	5188.96	7119.97
4019.51	2786.52	4651.9
2419.3	1567.035	2629.35
1128.95	757.26	982.075
94.04	62.235	82.36
216.71	110.64	232.295

	363.4	230.165	346.295
	1026.38	551.57	680.625
	522.22	366.395	644.595
	166.66	110.8	330.51
	347.81	175.55	467.83
	316.5	211.12	347.13
	27.07	18.685	21.995
	101.94	44.505	91.39
	255.91	160.075	220.695
	234.04	122.715	327.945
	25.91	16.85	23.155
	2.23	1.35	4.51
	4.65	3.44	3.095
	11.02	4.53	5.885
	17.07	9.585	16.625
	29.5	14.995	20.805
	39.52	25.935	58.78
	17.09	16.08	46.05
	13.22	10.27	21.52
	12.84	3.765	6.215
	7.45	6.195	3.19
	2.15	0.73	1.055
NA	NA	NA	
NA		0.155	0.075
	2.77	2.56	3.735
	93.66	52.835	49.765
	425.08	242.56	336.765
	56.48	40.04	47.53
	30.34	19.24	23.125
NA		0.04	NA
	100.73	57.14	53.53
	554.56	345.9	487.215
	213.35	127.42	184.925
	27.32	15.385	15.16
	4.8	2.815	4.885
	2.55	1.395	2.16
	19.82	7.78	12.84
	138.4	78.99	64.33
	104.84	64.17	69.915
	11.07	6.81	6.14
	10.26	5.705	9
	19.6	7.855	12.635
	27.43	14.83	16.41
	14.35	8.56	16.13
	51.23	28.235	31.22
	8.69	3.78	10.135

16.38	7.075	12.955
13.04	6.075	13.48
NA	NA	0.055
0.17	0.295	0.735
NA	NA	0.125
NA	0.195	0.105
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
33.98	20.28	11.8
7.44	9.22	13.325
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	0.135	0.14
33000	33000	33000
281.84	148.15	121.98
840.51	496.16	730.885
3.45	3.245	7.91
0.24	0.055	NA
NA	NA	NA
NA	0.145	NA
19.3	14.97	12.475
905.11	428.555	389.86
9278.48	5599.8	6520.08
1117.01	628.71	1136.39
7.04	5.655	6.675
7.53	4.15	7.615
0.18	NA	0.355
3.87	1.505	2.97
1181.85	739.42	637.03
21689.59	11420.685	10974.86
9980.6	6305.48	7842.175
198.7	113.95	115.43
121.91	55.335	107.7
16.31	7.55	19.87
5.16	3.205	1.685
67.97	21.785	26.895
721.61	367.4	387.695
2037.29	1104.915	1315.895
215.22	161.425	136.2
317.88	186.2	235.305
141.32	113.275	156.175
20.02	12.165	28.175

9.44	5.315	10.44
141.62	94.715	233.12
911.96	462.42	843.2
131.59	68.405	93.035
84.03	38.78	46.855
255.95	139.485	193.625
269.01	144.735	324.21
1.43	0.325	3.35
24.63	16.355	67
142.32	82.17	219.195
45.3	21.035	55.625
4.4	0.88	3.355
9.13	3.56	8.66
6.25	3.175	9.445
NA	NA	NA
NA	NA	0.14
1.6	1.06	3.16
0.84	0.655	0.355
0.35	0.16	0.23
1.09	0.49	1.99
1.13	0.565	1.56
8.565	3.395	0.45
206.025	70.125	5.57
0.9	0.265	0.07
150.185	62.86	9.11
3065.785	1054.12	109.595
9.425	2.595	0.795
73.455	32.125	27.32
120.3	35.885	8.34
8.31	2.415	0.555
48.465	12.795	11.235
11.495	3.34	0.725
0.18	0.09	0.025
20.89	6.805	3.73
352.93	89.445	27.345
695.605	144.72	16.895
6.95	1.565	0.54
15.84	7.385	0.97
1136.49	375.245	36.385
15998.84	4102.385	452.3
413.63	97.495	13.275
0.235	0.11	0.03
0.96	0.4	0.07
11.18	4.035	0.31
3.71	1.11	0.12

Hela_myr_p2_2	Hela_myr_p2_3	Hela_p2_1
25000	25000	25000
5000	5000	5000
1000	1000	1000
8.09	5.7	36.53
1.23	1.52	3.155
26.19	26.625	190.68
7.87	7.99	32.37
1.725	1.22	3.505
12.49	9.04	24.7
1.495	1.26	2.635
23.28	14.77	167.31
95.605	57.01	296.555
27.755	17.42	347.54
45.48	30.405	272.46
241.445	133.79	3040.87
1.82	2.79	10.16
1.89	1.925	7.115
4.545	3.88	56.54
4.93	2.745	12.58
8.14	5.415	81.88
7.56	3.955	74.46
1.14	0.835	6.16
1.735	1.505	11.695
0.61	0.26	1.52
66.865	57.505	42.33
116.575	116.47	98.47
351.415	340.25	258.64
NA	NA	NA
2.275	3.11	3.65
985.75	1003.275	1092.38
1255.04	1268.44	1312.94
8.145	8.23	7.5
NA	NA	NA
142.05	131.135	157.82
62.16	71.74	76.05
49.79	50.265	49.63
7.765	8.435	10.27
2.115	2.635	3
2.67	6.76	3.07
2.26	1.71	2.49
13.525	17.415	12.56
NA	NA	NA
26.72	19.675	14.37
267.855	240.125	161.29
4.895	2.64	1.52

	1416.755	1479.62	1250.31
	8.005	7.725	4.75
NA	NA	NA	
	96.43	82.42	75.45
	282.685	263.7	257.1
	72.57	75.965	64.44
NA	NA	NA	
	9.82	9.965	7.89
	13.6	16.245	12.59
	8.455	9.33	11.04
	2.47	2.075	3.95
NA	NA		0.27
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	279.19	250.405	247.26
NA	NA	NA	
	121.165	115.81	88.54
	17.835	15.6	14.83
	18.675	23.48	24.93
	5.665	5.895	4.72
	3.73	4.385	5.74
NA		0.195	0.34
NA	NA	NA	
NA	NA	NA	
	0.555	0.98	1.32
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA		0.8
NA	NA	NA	
NA	NA	NA	
	0.61	0.81	1.27
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	

0.895	1.02	2
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
0.63	0.875	0.64
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
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NA	NA	NA
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NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
7.38	6.51	9.58

1.62	1.735	2.68
0.96	1.565	1.845
3.97	3.105	9.33
2.445	2.08	4.17
2.32	1.5	4.94
6.205	4.73	12.96
8.265	7.495	14.775
11.33	5.36	22.16
1.775	1.305	6.89
50.945	24.5	140.14
1.03	1.23	3.685
4000	4000	4000
2.005	1.72	7.51
1.1	0.735	2.665
2.565	3.38	11.88
5.34	4.83	9.555
4.055	2.12	21.465
1.735	1.245	6.94
26.715	26.085	186.805
1.645	1.27	2.895
3.65	3.965	41.315
0.56	1.115	4.69
0.775	0.765	19.345
1.33	1.345	8.2
12.94	9.99	146.64
10.095	7.58	102.045
23.795	20.285	215.715
133.245	130.735	1410.32
2.94	2.27	31.365
2.235	2.36	4.97
1.785	1.51	4.43
0.485	0.785	4.08
0.515	0.63	3.755
0.845	0.76	5.105
1.21	0.88	6.51
2.625	1.47	22.35
5.97	4.785	5.345
0.55	0.485	0.69
0.165	0.15	0.105
85.145	95.255	68.56
16.835	13.595	19.07
0.505	0.665	0.595
15.775	16.3	14.68
81.285	78.725	83.795
1.87	18.595	1.25
2.61	1.51	0.97

12.35	11.74	12.495
2.735	2.265	2.355
1.865	1.04	0.805
1.06	0.775	0.925
0.925	0.665	0.755
6.18	3.885	6.845
5.595	4.115	4.025
NA	NA	NA
57.97	54.02	135.6
70.405	65.92	71.8
NA	NA	0.84
69.24	47.465	63.525
512.675	401.2	550.095
20.16	13.295	14.825
2.64	NA	0.91
94.135	64.16	111.72
12.235	7.135	10.68
4.03	2.565	0.85
5.115	3.465	5.155
9.91	4.83	10.66
NA	NA	NA
1.11	0.185	0.94
NA	NA	NA
6.985	2.945	3.885
4.795	3.28	7.62
NA	NA	NA
143.555	128.33	86.105
106.94	93.785	91.245
2.985	1.37	1.455
0.415	NA	0.14
4.76	2.34	2.395
19.775	11.715	12.53
1.54	0.54	2.075
1.035	0.485	0.79
3.125	1.99	3.865
NA	NA	0.045
8.435	6.165	8.91
NA	NA	NA
2.585	1.745	1.565
0.785	0.715	1.13
NA	NA	NA
19.885	12.915	7.41
24.045	28.355	24.125
NA	NA	0.05
NA	NA	NA
0.725	0.825	0.35

NA	NA	NA	
	0.14	0.23	NA
	2.35	0.91	0.34
NA		0.08	NA
	4474.975	4548.48	4968.885
	847.595	879.17	850.955
	19.37	18.63	18.27
	3.155	1.65	2.42
	1.175	0.97	0.765
	3.32	2.645	2.1
	77.785	71.355	77.29
	23763.305	28565.55	24652.5
	17304.365	18345.81	18980.33
	1712.3	1773.05	1825.855
	25.76	30.745	24.905
	3.515	4.18	4.765
	23.655	22.615	25.405
	1166.125	1219.29	1258.165
	7676.89	8384.285	7780.775
	56892.02	60262.41	66265
	11113.545	11526.87	12841.41
	1084.62	1085.875	1153.565
	28.385	29.025	30.065
	89.06	88.71	95.78
	461.22	420.775	480.23
	4495.095	4423.645	4955.145
	11523.325	11798.3	12615.4
	3217.17	3382.855	3417.78
	846.44	763.235	1162.73
	370.245	352.87	507.59
	333.17	365.94	346.41
	308.31	319.36	375.45
	1083.4	1050.655	1234.45
	412.635	457.85	453.55
	476.5	466.63	612.295
	1985.49	1841.015	2461.765
	1217.005	1199.58	1660.035
	95.205	98.52	113.47
	142.135	124.005	122.325
	57.865	72.645	70.335
	212.025	204.125	248.235
	737.89	734.6	917.435
	10.045	10.17	10.405
	16.92	17.975	15.105
	26.755	20.98	21.535
	18.72	14.975	18.9

14.76	14.275	17.605
24.28	24.685	33.96
2.93	2.935	2.91
4.62	4.375	4.52
11.17	5.62	6.305
5.975	3.5	5.25
17.045	7.3	7.3
16.885	8.31	8.455
1609.715	1381.06	1374.45
64.705	63.175	180.38
2.275	2.48	4.08
0.885	0.49	0.45
0.89	0.68	0.395
1.215	0.655	0.455
16.87	13.04	9.52
24811.6	26836.55	25463.82
4867.37	4574.06	6187.72
61.565	51.295	70.32
3.23	3.135	3.485
2.115	2.22	1.755
5.145	3.765	3.455
207.92	210.99	234.92
48561.27	59708.055	48665.925
70697.125	74838.335	84131.875
5851.8	6383.205	7759.84
44.095	50.39	56.74
3.405	4.18	4.485
24.075	22.245	20.04
1173.505	1411.455	1224.9
11774.465	12561.85	14069.595
157909.135	176212.725	220994.71
51614.325	55639.625	72564.38
976.58	966.11	1431.06
39.16	38.6	53.86
26.86	23.45	28.09
363.545	402.57	352.655
883.125	925.8	1002.555
15078.5	15090.91	17956.3
102817.82	104767.17	131548.28
4335.12	4168.16	6013.555
458.055	399.01	782.58
189.88	131.58	309.955
78.68	67.965	95.165
759.825	722.685	929.605
746.98	793.665	1195.6
4574.68	4694.01	9684.3

	882.62	1066.06	1455.94
	272.94	254.77	454.35
	548.325	545.1	1043.135
	433.43	414.9	694.1
	35.09	39.175	35.795
	87.73	92.485	73.435
	251.995	272.88	328.565
	158.85	182.36	225.78
	31.775	39.09	49.49
	90.61	92.85	151.1
	257.835	240.75	426.61
	5.055	6.335	5.08
	22.86	28.575	19.395
	80.185	89.885	79.555
	46.065	54.085	69.265
	11.45	11.675	16.44
	13.475	12.265	14.615
	24.1	18.8	29.815
	1.725	1.325	0.83
	3.255	3.475	2.81
	12.45	15.71	13.985
	10.565	11.01	16.44
	7.51	3.735	3.655
	22.22	7.16	5.69
	30.345	8.57	6.015
	20.405	18.64	16.92
	7.195	6.715	8.365
	32.5	27.57	27.79
NA	NA	NA	
	120.31	129.875	162.2
	709.41	794.5	935.59
	303.41	347.685	412.255
	55.63	64.155	53.09
	123.335	129.37	90.615
	6.22	6.505	4.805
	229.39	257.85	192.79
	80.22	76.545	86.93
	79.08	84.12	94.25
	53.205	62.87	68.08
	134.575	145.115	127.4
	244.145	261.095	246.43
	248.025	306.805	274.215
	141.295	132.28	159.64
	34.32	13.705	23.085
	18.675	17.27	26.16
	2.275	0.69	2.015

NA	NA	NA
NA	NA	NA
1.85	NA	NA
2.61	2.295	1.015
205.115	201.395	324.72
177.26	162.16	201.205
5.775	3.995	2.4
2.06	NA	0.48
2.645	1.245	1.94
NA	NA	NA
3.935	NA	2.17
851.47	940.39	1240.915
6290.245	6259.96	6917.455
1489.895	1320.82	1458.735
12.235	6.22	8.76
5.09	4.905	5.135
NA	NA	NA
10.38	8.83	13.225
1246.055	1538.985	1742.165
20301.01	22555.75	25735.2
21385.69	23241.895	25415.2
441.03	447.7	540.35
101.71	95.22	97.645
20.205	24.745	25.1
6.77	11.67	9.175
732.96	907.41	854.27
12162.9	15232.04	16484.11
54897.76	63686.19	76872.55
3353.315	3648.62	4029.745
1066.645	1107.14	1137.47
558.15	559.52	573.15
56.43	58.925	77.95
125.69	121.63	123.065
381.875	409.795	518.655
2279.93	2718.29	3180.325
1030.08	1091.24	1281.7
3157.645	3425.985	2716.48
4795.245	4905.17	4211.82
1364.41	1388.465	1572.795
23.225	25.38	23.02
91.03	108.565	90.505
410.105	463.925	586.735
204.555	234.645	273.495
233.065	264.585	285.215
1114.32	1230.46	1432.32
2806.875	2871	3864.91

5.145	7.4	4.415
37.235	50.595	27.6
120.315	160.18	151.37
53.13	54.29	105.665
36.075	29.81	29.855
76.935	70.39	87.115
74.17	60.315	90.915
1.09	NA	NA
2.115	3.28	1.99
17.115	15.265	16.465
8.69	5.83	11.79
19.065	15.67	6.66
76.025	55.03	39.32
54.14	29.275	27.525
13.66	13.255	9.74
146.39	152.15	123.325
25.37	28.89	26.79
2.29	1.225	3.115
5.045	8.055	5.6
28.795	18.815	16.78
66.12	89.07	62.035
4.24	3.635	2.815
2.155	2.125	4.88
5.955	4.47	5.665
5.605	8.78	10.495
35.07	36.17	52.885
0.615	0.91	2.255
10.46	9.955	11.735
290.995	291.29	372.57
254.005	240.935	281.665
13.2	11.25	17.365
0.69	1.275	0.385
0.325	0.72	0.96
101.035	103.66	87.435
610.025	606.8	393.93
151.005	134.54	115.53
21.165	15.855	25.48
23.49	24.415	29.77
135.205	110.93	113.22
205.43	151.185	145.395
32.51	40.845	33.625
10.14	6.52	9.48
17.415	6.765	9.89
17.435	20.01	21.72
22.35	21.72	17.905
51.965	40.775	35.735

2.2	1.505	1.595
6.085	5.725	3.86
5.62	3.31	4.7
34.69	41.505	34.455
9.315	8.26	6.34
3.85	2.915	4.23
1.29	1.235	2.1
1.425	1.58	2.37
4.075	8.025	7.025
19.59	26.7	34.415
300.485	338.34	306.79
58.08	67.465	47.255
0.38	0.175	1.355
1.31	0.805	1.08
3.585	1.675	1.545
3.155	4.09	4.085
10000	10000	10000
149.44	147.12	229.875
715.93	736.64	1178.42
317.805	304.745	347.125
3.16	2.03	4.42
0.76	NA	0.425
0.94	1.12	0.595
2.685	2.985	2.715
589.06	700.965	945.545
9506.35	9764.845	13327.255
6519.72	6037.955	8756.715
44.47	52.905	82.865
1.07	0.52	0.65
1.045	NA	0.495
1.9	3.155	4.15
996.82	926.865	893.515
20969.065	16912.315	17295.415
35110.18	29708.88	30690.46
1424.33	1289.55	1434.6
77.675	88.175	128.45
24.845	21.705	31.85
64.305	36.89	54.05
163.68	127.955	161.04
1143.585	1017.385	1047.91
7641.84	6255.855	6081.565
4746.98	3957.735	4181.285
2632.775	2207.44	2741.375
1089.995	993.545	1287.785
90.535	75.42	109.33
239.05	155.81	185.045

	399.56	286.375	327.13
	763.19	643.445	646.165
	720.37	601.065	618.89
	308.22	246.045	324.875
	494.255	382.975	417.335
	354.365	310.73	289.155
	26.595	18.235	19.245
	104.49	75.465	60.565
	239.29	277.8	188.405
	361.355	341.66	276.47
	28.25	23.02	27.39
	3	2.145	4.62
	5.35	3.725	4.475
	11.17	4.18	8.33
	14.87	12.405	16.69
	20.755	26.26	17.855
	53.225	49.025	46.79
	47.845	48.02	32.6
	23.75	20	19.44
	7.675	6.335	8.095
	3.66	4.485	7.51
	0.94	0.97	1.185
NA	NA	NA	
NA		0.06	0.17
	5.18	3.29	2.67
	49.545	50.585	86.67
	325.13	317.025	322.495
	51.185	43.495	40.285
	27.515	19.545	22.29
NA	NA	NA	
	54.695	50.075	56.295
	480.42	446.055	395.22
	180.77	179.045	130.4
	14.09	16.69	11.15
	2.565	4.335	3.425
	2.96	2.295	1.95
	16.915	11.29	12.58
	85.64	74.61	83.285
	68.64	68.265	52.545
	9.415	9.475	6.105
	10.83	9.555	8.375
	12.685	16.33	13.08
	17.215	18.295	20.945
	10.48	12.655	10.61
	37.71	35.065	28.53
	14.42	12.82	8.25

	15.905	14.855	14.25
	15.65	14.97	11.42
	0.21	0.05	0.25
	0.39	0.34	0.415
NA		0.145	0.15
	0.165	0.26	0.445
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	16.705	18.09	56.695
	14.82	10.595	10.93
NA	NA		0.16
NA	NA	NA	
NA	NA	NA	
NA	NA	NA	
	0.52	0.115	0.36
	33000	33000	33000
	174.6	174.925	554.2
	721.99	699.845	756.88
	4.885	6.11	6.615
	0.17	NA	0.675
NA	NA	NA	
NA	NA	NA	
	13.47	14.77	12.86
	441.085	460.725	853.125
	6559.76	6829.01	8129.505
	1031.425	1021.355	938.725
	7.765	9.345	15.905
	8.595	8.29	8.355
	0.06	0.1	0.165
	1.635	1.72	4.165
	674.75	645.56	703.945
	11179.5	11067.85	13583.71
	7522.055	7362.675	7020.51
	118.805	128.5	138.1
	107.875	107.645	107.355
	19.28	13.92	15.985
	2.73	1.395	2.43
	32.895	29.405	45.56
	367.91	368.555	475.32
	1257.56	1198.96	1376.815
	173.63	172.06	178.12
	243.36	270.335	206.66
	164.52	173.095	116.2
	29.475	27.185	31.02

	11.52	11.065	8.365
	232.925	233.115	153.815
	900.53	846.715	853.18
	104.07	100.89	106.78
	62.915	67.82	77.82
	244.35	228.32	277.43
	341.225	351.685	405.135
	1.915	3.275	0.58
	78.41	73.795	24.85
	251.35	251.935	142.98
	52.45	60.935	65.465
	3.53	4.09	4.345
	11.3	14.385	11.7
	11.215	11.045	11.945
NA	NA	NA	
	0.18	0.265	0.065
	2.695	3.845	2.705
	0.855	1.19	1.565
	0.58	0.765	0.265
	1.645	1.785	1.47
	3.295	3.03	1.91
	0.39	0.34	7.49
	4.835	4.21	176.025
	0.07	0.06	0.695
	8.55	9.65	136.7
	122.835	119.65	3069.385
	0.89	0.76	5.75
	27.145	25.39	51.88
	8.01	8.1	142.845
	0.45	0.5	7.91
	11.06	8.54	47.81
	0.63	0.67	12.065
	0.03	0.03	0.185
	3.14	2.47	21.18
	21.97	22.02	418.065
	11.795	12.54	602.265
	0.4	0.44	5.655
	1.085	1.01	12.39
	33.36	37.87	841.425
	407.845	485.4	13642.99
	14.485	15.35	282.265
	0.03	0.04	0.165
	0.075	0.08	0.755
	0.355	0.31	14.615
	0.09	0.13	4.51

Hela_p2_2	Hela_p2_3
25000	25000
5000	5000
1000	1000
35.945	29.76
1.28	2.45
195.665	166.945
38.64	32.755
1.21	1.685
21.05	17.03
1.98	1.85
127.055	100.995
242.795	197.805
257.085	226.845
177.09	204.6
2255.515	2079.48
6.2	3.58
5.28	4.015
54.41	35.655
7.265	5.46
62.535	54.66
56.255	49.64
3.035	2.36
6.435	5.66
0.685	0.67
38.91	28.98
93.54	86.9
255.195	249.18
NA	NA
1.99	2.115
1141.945	962.135
1283.49	1183.19
6.065	6.895
NA	NA
155.125	133.445
72.625	66.53
50.14	48.96
8.515	8.145
1.31	1.825
1.7	1.43
0.72	0.97
6.98	6.545
NA	NA
12.555	12.265
152.5	148.645
1.035	1.95

	1341.8	1149.635
	4.58	4.43
NA	NA	
	80.15	68.95
	270.095	217.07
	65.67	61.905
NA	NA	
	8.26	8.945
	12.11	8.91
	8.495	6.46
	3.175	3.24
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	260.12	212.985
NA	NA	
	90.005	83.795
	13.675	13.915
	13.995	13.91
	4.19	2.98
	3.72	3.38
NA	NA	
NA	NA	
NA	NA	
	0.82	0.525
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA	NA	
NA		0.165
NA	NA	
NA	NA	
	0.69	0.685
NA	NA	
NA	NA	
NA	NA	

0.65	1.215
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
1.34	0.94
NA	NA
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NA	NA
4.755	9.9

1.075	2.33
0.655	1.395
5.045	5.97
2.39	3.175
1.885	2.3
8.905	8.925
11.075	10.225
15.27	16.77
4.78	4.635
118.64	102.005
2.93	2.56
4000	4000
8.68	5.795
1.42	0.97
7.75	8.42
5.16	3.885
16.7	12.14
2.955	2.985
144.105	95.255
0.685	1.38
32.79	19.43
1.915	1.965
13.82	9.01
9.09	6.495
150.335	117.175
130.145	102.195
226.26	184.74
1208.48	1172.86
25.265	20.82
1.335	1.605
0.73	1.31
0.46	0.97
2.66	2.02
2.945	1.665
4.905	2.345
20.99	14.905
4.74	2.995
1.655	0.34
0.295	0.075
85.53	39.81
14.23	9.045
0.725	0.555
19.765	10.645
250.15	49.175
58.625	0.63
3.825	0.905

	13	9.39
	2.835	1.76
	1.41	0.645
	0.97	0.645
	0.825	0.495
	8.85	3.455
	8.315	3.685
NA	NA	
	120.135	79.97
	76.91	37.905
	1.545	NA
	63.435	62.465
	507.625	329.865
	22.8	7.85
	1.27	0.65
	82.365	85.92
	13.64	5.17
	3.57	2.715
	5.355	5.135
	9.515	5.17
NA	NA	
	1.355	0.475
NA	NA	
	3.35	1.835
	7.585	3.1
NA	NA	
	59.6	52.165
	72.975	57.74
	1.495	0.175
	0.39	0.165
	3.37	1.43
	10.02	7.775
	1.105	0.775
	0.905	1.03
	2.5	1.275
	0.14	NA
	9.93	7.26
NA	NA	
	1.49	1.18
	1.415	0.475
NA	NA	
	6.915	5.195
	23.475	15.2
NA	NA	
NA	NA	
	0.48	0.82

NA	NA
NA	NA
0.235	0.2
NA	NA
3674.46	4727.63
641.16	828.33
19.31	16.545
7.19	2.165
2.64	0.68
3.835	1.835
68.5	65.87
15797.125	24346.405
13298.37	17689.775
1314.38	1745.79
34.655	23.055
6.375	4.165
22.44	21.835
869.365	1116.865
5807.915	7570.415
45619.365	61440.795
8866.14	12220.76
877.27	1031.12
31.605	27.52
84.895	86.3
439.755	475.16
4085.985	4821.815
10200.915	11699.215
2920.175	3630.11
915.34	1072.435
419.31	476.06
283.335	336.15
366.725	346.655
1137.675	1186.225
635.59	495.76
549.21	554.41
1748.725	2286.055
1128.32	1451.5
207.885	134.635
422.4	179.81
111.82	71.4
215.265	216.525
745.91	806.535
12.73	10.56
21.06	17.67
44.825	28.385
64.43	29.05

33.545	18.06
45.81	30.305
5.695	3.56
8.685	5.11
23.555	7.905
17.64	9.915
18.235	13.08
19.82	14.74
1011.01	1284.155
168.64	122.505
10.47	2.905
0.995	0.435
1.18	0.46
1.925	0.56
23.27	10.125
17496.545	23194.35
4635.41	5200.975
57.91	58.71
4.29	3.38
3.095	2.32
5.46	3.315
183.885	220.725
31446.4	45384.305
58627.765	73863.85
5565.66	6493.935
46.42	48.635
5.82	3.785
24.815	18.805
816.65	1182.425
10188.87	12920.22
152664.02	194701.48
54089.885	65063.785
1202.44	1274.56
48.59	52.56
26.86	25.855
251.57	342.965
830.99	959.14
12547.485	17258.885
92486.44	121025.225
5295.85	5732.115
1017.33	736.07
316.185	284.935
100.77	84.72
720.805	789.56
919.325	1057.725
6883.675	7802.175

	1340	1266.33
	402.02	394.825
	885.935	929.84
	585.86	609.47
	52.515	32.5
	67.63	74.08
	247.46	273.13
	213.765	202.565
	68.67	49.48
	136.11	124.545
	392.8	346.68
	8.32	4.425
	19.59	20.03
	71.045	75.65
	65.245	62.65
	20.23	17.77
	23.395	18.16
	38.38	31.16
	3.315	1.515
	5.995	3.235
	16.575	14.71
	20.27	17.335
	9.02	5.65
	19.04	14.305
	27.07	20.19
	23.655	15.545
	12.14	7.52
	31.995	23.69
NA	NA	
	146.19	128.02
	864	788.895
	396.645	323.255
	50.685	42.14
	104.14	105.605
	6.315	5.615
	199.99	177.185
	67.24	68.785
	85.805	83.735
	66.505	57.795
	141.89	116.975
	261.345	212.265
	265.285	228.23
	183.01	128.35
	23.825	15.8
	41.725	16.18
	5.075	1.845

NA	NA
NA	NA
2.765	NA
3.57	1.66
325.935	289
216.45	171.165
3.755	4.01
NA	NA
2.86	2.08
NA	NA
1.145	2.085
1169.935	1159.275
6701.11	6168.415
1507.28	1344.145
13.385	8.385
4.19	3.44
NA	NA
9.6	9.655
1640.725	1498.595
24450.67	23139.27
23837.24	21579.51
506.65	428.935
87.78	79.57
15	17.605
9.035	6.83
861.49	766.9
15123.65	13912.2
67357.2	60429.555
3944.015	3474.77
1126.355	991.05
586.05	538.055
86.94	61.62
121.38	108.26
546.155	447.275
3244.625	2762.695
1190.025	1021.69
2556.15	2393.935
4098.675	3675.52
1622.98	1404.905
31.265	16.715
112.82	76.785
575.625	492.835
317.81	225.885
292.28	226.255
1320.895	1165.2
3733.355	3085.575

6.545	3.5
30.825	27.655
164.355	112.345
104.48	67.655
34.87	23.535
72.915	66.675
74.21	63.02
1.645	NA
6.235	2.475
21.185	13.64
21.605	12.54
10.43	7.235
54.84	36.525
49.13	21.28
10.085	5.79
121.25	101.445
32.29	23.375
2.82	1.85
3.885	3.265
19.385	14.28
78.63	58.725
3.525	2.09
3.275	1.21
6.345	5.18
6.28	7.095
35.84	39.76
0.975	0.58
10.535	13.325
325.505	334.725
251.015	280.535
11.6	12.085
0.57	1.835
0.49	0.75
80.24	79.57
459.16	470.745
116.93	123.05
23.45	19.7
29.515	24.175
117.93	100.755
128.055	166.435
34.875	26.975
6.8	10.51
10.32	8.1
17.435	20.06
20.15	20.835
30.69	41.58

2.225	1.09
4.96	4.95
6.65	4.09
29.74	31.07
5.845	4.84
5.805	5.285
4.02	1.98
1.26	2.315
6.79	6.225
23.06	21.92
281.55	289.27
60.895	45.83
0.46	0.7
0.99	1.035
2.015	1.975
5.865	3.46
10000	10000
209.375	220.765
1032.175	1045.625
327.7	337.315
2.67	1.745
0.28	0.455
0.735	0.63
3.055	3.815
779.89	815.68
11169.1	11655.005
7898.94	7876.7
90.41	79.565
0.695	0.74
0.81	0.71
3.695	6.105
822.28	890.485
16040.51	16303.715
28409.465	29234.515
1412.48	1348.18
112.255	87.665
27.995	31.32
52.58	58.115
140.7	163.1
975.07	948.76
5587.285	5596.075
3799.23	3689.56
2648.48	2462.155
1190.115	1157.395
109.045	101.81
165.535	218.26

	280.615	335.63
	635.055	581.27
	575.2	574.225
	262.015	264.435
	375.585	401.885
	284.795	301.84
	17.355	19.87
	65.235	81.79
	225.175	206.59
	274.905	301.365
	30.695	26.905
	5.715	5.835
	2.815	3.66
	4.06	10.33
	10.665	16.065
	24.92	11.6
	42.195	40.82
	29	35.935
	19.075	18.15
	10.135	8.375
	9.58	5.73
	0.77	1.18
NA	NA	
	0.095	0.06
	2.445	3.225
	88.005	82.575
	338.65	317.835
	33.67	35.5
	28.475	20.87
NA	NA	
	52.415	51.985
	417.18	458.615
	143.88	141.355
	10.515	11.515
	4.17	6.57
	2.92	2.52
	16.56	16.21
	93.51	103.365
	61.805	60.55
	10.2	6.975
	7.405	6.23
	12.98	11.945
	18.97	16.905
	14.59	11.925
	31.26	44.61
	8.56	12.93

	13.98	16.93
	13.115	14.305
	0.08	NA
	0.74	0.22
	0.105	0.07
NA		0.25
NA	NA	
NA	NA	
NA	NA	
NA	NA	
	60.015	51
	11.225	10.51
	0.185	NA
NA	NA	
NA	NA	
NA	NA	
	0.715	0.195
	33000	33000
	532.185	512.645
	660.645	685.315
	5.05	6.44
	0.34	0.605
NA	NA	
NA	NA	
	12.445	19.095
	915.53	862.24
	7614	7383.59
	972.89	891.06
	18.3	14.24
	7.875	9.68
	0.195	0.225
	3.89	2.89
	778.62	716.475
	13247.305	13590.965
	6350.91	6992.03
	138.61	135.225
	114.57	102.335
	13.155	12.23
	2.44	3.455
	41.52	39.715
	539.505	544.19
	1439.175	1584.36
	186.835	178.905
	204.295	237.85
	138.055	142.64
	28.515	33.245

	10.06	10.7
	169.76	206.795
	831.6	898.095
	114.565	120.52
	73.62	79.77
	292.85	290.4
	419.77	429.21
	0.9	0.855
	27.295	30.27
	151.285	163.605
	59.155	65.655
	3.455	3.88
	11.61	9.705
	11.03	12.015
NA	NA	
NA		0.225
	3.9	4.71
	1.33	1.13
	0.115	NA
	1.6	1.06
	2.875	2.955
	5.715	3.895
	166.625	122.505
	0.625	0.375
	89.315	85.785
	2631.08	1893.505
	5.735	3.76
	45.86	33.115
	150.925	117.775
	7.235	5.64
	46.175	31.37
	11.13	7.425
	0.13	0.105
	19.455	14.865
	441.245	302.81
	626.955	446.76
	5.61	4.23
	12.695	10.355
	826.33	708.42
	13332.33	8809.17
	334.615	203.06
	0.145	0.115
	1.045	0.985
	13.78	9.675
	4.27	2.535

LipidName	standard_ion	ctrl_1	ctrl_2	ctrl_3	aAGPS_1
C12SM	C12SM	25000	25000	25000	25000
C17Cer	C17Cer	5000	5000	5000	5000
C17Cer(-H2O)	C17Cer	5000	5000	5000	5000
C8GC	C8GC	1000	1000	1000	1000
C8GC(-H2O)	C8GC	1000	1000	1000	1000
Cer32:1	C17Cer	13.055	4.1	5.745	17.635
Cer32:1(-H2O)	C17Cer	44.94	63.22	39.735	108.645
Cer32:2	C17Cer	13.265	2.73	NA	8.325
Cer34:1	C17Cer	147.835	32.05	85.88	208
Cer34:1(-H2O)	C17Cer	317.365	349.57	278.17	626.115
Cer36:1	C17Cer	11.62	4.09	1.855	18.605
Cer36:1(-H2O)	C17Cer	48.675	39.77	56.61	90.145
Cer36:2	C17Cer	3.715	1.46	5.05	8.585
Cer38:1	C17Cer	4.605	2.42	2.08	7.42
Cer38:1(-H2O)	C17Cer	35.94	27.92	24.445	98.72
Cer38:2	C17Cer	7.745	NA	1.64	9.94
Cer40:1	C17Cer	49.43	32.31	36.27	74.45
Cer40:1(-H2O)	C17Cer	212.075	214.72	227.02	386.15
Cer40:2	C17Cer	158.015	112.6	179.945	380.92
Cer40:2(-H2O)	C17Cer	338.725	334.18	362.675	1105.645
Cer42:1	C17Cer	223.88	93.73	151.085	210.79
Cer42:1(-H2O)	C17Cer	389.205	327.51	458.42	600.66
Cer42:2	C17Cer	3895.595	1815.26	3269.14	4970.375
Cer42:2(-H2O)	C17Cer	3029.495	2722	3023.455	5459.36
Cer44:1	C17Cer	NA	0.98	1.63	2.155
Cer44:1(-H2O)	C17Cer	11.81	15.91	10.77	21.995
Cer44:2	C17Cer	7.655	4.36	7.165	26.35
Cer44:2(-H2O)	C17Cer	95.07	76.04	80.005	134.72
CerP32:1	C17Cer	82.24	26.62	47.05	70.595
CerP34:1(-H2O)	C17Cer	16.855	13.98	12.64	32.3
CerP36:1	C17Cer	581.295	309.24	375.365	694.2
CerP36:1(-H2O)	C17Cer	73.335	60.6	87.415	156.615
CerP38:1	C17Cer	13.355	3.44	NA	19.7
CerP38:1(-H2O)	C17Cer	10.845	10.85	9.23	30.3
CerP42:1(-H2O)	C17Cer	2.665	2.34	NA	3.165
CL68:3_C16:0	CL56:0	67.46	52.125	44.64	72.515
CL68:3_C16:1	CL56:0	139.38	110.31	117.3	169.29
CL68:3_C18:1	CL56:0	406.235	314.825	315.91	422.96
CL68:3_C18:2	CL56:0	NA	NA	NA	NA
CL68:4_C16:0	CL56:0	6.225	1.38	1.935	2.645
CL68:4_C16:1	CL56:0	1592.505	1062.665	1122.405	1893.445
CL68:4_C18:1	CL56:0	1825.85	1438.16	1382.195	2197.175
CL68:4_C18:2	CL56:0	12.995	8.975	7.805	6.325
CL68:5_C16:0	CL56:0	NA	NA	NA	NA
CL68:5_C16:1	CL56:0	254.375	208.18	210.07	215.695

CL68:5_C18:1	CL56:0	114.805	84.475	98.58	103.035
CL68:5_C18:2	CL56:0	85.17	60.96	69.055	75.625
CL68:6_C16:1	CL56:0	18.805	12.545	12.71	16.315
CL68:6_C18:2	CL56:0	3.92	2.88	1.555	1.95
CL70:2_C16:0	CL56:0	4.04	1.27	1.51	3.8
CL70:2_C18:0	CL56:0	1.97	1.445	NA	1.15
CL70:2_C18:1	CL56:0	11.62	7.765	8.54	15.025
CL70:2_C20:1	CL56:0	NA	NA	NA	NA
CL70:3_C16:0	CL56:0	19.55	20.795	17.345	19.61
CL70:3_C18:1	CL56:0	253.31	200.835	180.905	242.395
CL70:4_C16:0	CL56:0	2.64	3.685	2.435	0.37
CL70:4_C18:1	CL56:0	1726.28	1371.42	1262.42	1594.06
CL70:4_C18:2	CL56:0	8.945	5.885	4.78	7.38
CL70:5_C16:0	CL56:0	NA	NA	NA	NA
CL70:5_C16:1	CL56:0	133.255	101.6	108.055	82.82
CL70:5_C18:1	CL56:0	377.44	312.18	321.775	233.145
CL70:5_C18:2	CL56:0	112.33	100.15	98.355	60.695
CL70:6_C16:0	CL56:0	NA	NA	NA	NA
CL70:6_C16:1	CL56:0	22.41	20.15	13.29	15.985
CL70:6_C18:1	CL56:0	25.99	23.545	17.32	16.375
CL70:6_C18:2	CL56:0	16.805	13.42	10.36	5.48
CL70:7_C16:1	CL56:0	7.475	6.53	4.615	22.6
CL70:7_C18:2	CL56:0	0.66	NA	NA	NA
CL72:10_C16:1	CL56:0	NA	NA	NA	NA
CL72:10_C20:4	CL56:0	NA	NA	NA	NA
CL72:11_C16:1	CL56:0	NA	NA	NA	NA
CL72:11_C18:2	CL56:0	NA	NA	NA	NA
CL72:11_C20:4	CL56:0	NA	NA	NA	NA
CL72:11_C22:6	CL56:0	NA	NA	NA	NA
CL72:4_C18:1	CL56:0	252.985	236.98	189.81	210.49
CL72:5_C18:0	CL56:0	NA	NA	NA	NA
CL72:5_C18:1	CL56:0	140.905	133.315	99.86	83.9
CL72:5_C18:2	CL56:0	20.635	21.51	15.605	7.405
CL72:6_C18:1	CL56:0	28.165	20.245	20.205	12.115
CL72:6_C18:2	CL56:0	8.725	8.97	5.395	0.47
CL72:7_C18:1	CL56:0	10.03	5.58	6.495	16.425
CL72:7_C18:2	CL56:0	0.8	1.02	NA	NA
CL72:8_C18:2	CL56:0	NA	NA	NA	NA
CL72:9_C16:0	CL56:0	NA	NA	NA	NA
CL72:9_C16:1	CL56:0	2.035	2.965	1.045	4
CL72:9_C18:2	CL56:0	NA	NA	NA	NA
CL72:9_C18:3	CL56:0	NA	NA	NA	NA
CL72:9_C20:4	CL56:0	NA	NA	NA	NA
CL74:10_C16:0	CL56:0	NA	NA	NA	NA
CL74:10_C16:1	CL56:0	NA	NA	NA	NA
CL74:10_C18:1	CL56:0	NA	NA	NA	NA

CL74:10_C18:2	CL56:0	NA	NA	NA	NA	
CL74:10_C20:3	CL56:0	NA	NA	NA	NA	
CL74:10_C20:4	CL56:0	NA	NA	NA	NA	
CL74:10_C22:6	CL56:0	NA	NA	NA	NA	
CL74:5_C18:1	CL56:0	0.74	NA	NA	NA	
CL74:5_C18:2	CL56:0	NA	NA	NA	NA	
CL74:5_C20:1	CL56:0	NA	NA	NA	NA	
CL74:6_C18:1	CL56:0	2.255	1.135	0.625	NA	
CL74:6_C18:2	CL56:0	NA	NA	NA	NA	
CL74:6_C20:1	CL56:0	NA	NA	NA	NA	
CL74:6_C20:2	CL56:0	NA	NA	NA	NA	
CL74:7_C18:1	CL56:0	3.105	1.87	NA		1.515
CL74:7_C18:2	CL56:0	NA	NA	NA	NA	
CL74:7_C20:1	CL56:0	NA	NA	NA	NA	
CL74:7_C20:2	CL56:0	NA	NA	NA	NA	
CL74:8_C18:2	CL56:0	NA	NA	NA	NA	
CL74:8_C20:2	CL56:0	NA	NA	NA	NA	
CL74:9_C18:1	CL56:0	2.215	1.19	1.45		3.26
CL74:9_C18:2	CL56:0	NA	NA	NA	NA	
CL74:9_C20:3	CL56:0	NA	NA	NA	NA	
CL74:9_C20:4	CL56:0	NA	NA	NA	NA	
CL76:10_C18:1	CL56:0	NA	NA	NA	NA	
CL76:10_C18:2	CL56:0	NA	NA	NA	NA	
CL76:10_C20:3	CL56:0	NA	NA	NA	NA	
CL76:10_C20:4	CL56:0	NA	NA	NA	NA	
CL76:10_C22:5	CL56:0	NA	NA	NA	NA	
CL76:10_C22:6	CL56:0	NA	NA	NA	NA	
CL76:11_C18:1	CL56:0	NA	1.31	NA	NA	
CL76:11_C18:2	CL56:0	NA	NA	NA	NA	
CL76:11_C22:5	CL56:0	NA	NA	NA	NA	
CL76:11_C22:6	CL56:0	NA	NA	NA	NA	
CL76:12_C18:2	CL56:0	NA	NA	NA	NA	
CL76:12_C22:6	CL56:0	NA	NA	NA	NA	
CL76:9_C18:0	CL56:0	NA	NA	NA	NA	
CL76:9_C18:1	CL56:0	NA	0.37	NA	NA	
CL76:9_C18:2	CL56:0	NA	NA	NA	NA	
CL76:9_C20:1	CL56:0	NA	NA	NA	NA	
CL76:9_C20:4	CL56:0	NA	NA	NA	NA	
CL76:9_C22:6	CL56:0	NA	NA	NA	NA	
CL78:12_C18:1	CL56:0	NA	NA	NA	NA	
CL78:12_C18:2	CL56:0	NA	NA	NA	NA	
CL78:12_C20:2	CL56:0	NA	NA	NA	NA	
CL78:12_C20:3	CL56:0	NA	NA	NA	NA	
CL78:12_C22:6	CL56:0	NA	NA	NA	NA	
CL78:13_C18:2	CL56:0	NA	NA	NA	NA	
CL78:13_C20:3	CL56:0	NA	NA	NA	NA	

CL78:13_C22:6	CL56:0	NA	NA	NA	NA
CL78:14_C18:2	CL56:0	NA	NA	NA	NA
CL78:14_C20:4	CL56:0	NA	NA	NA	NA
CL78:14_C22:6	CL56:0	NA	NA	NA	NA
CL78:15_C18:2	CL56:0	NA	NA	NA	NA
CL78:15_C18:3	CL56:0	NA	NA	NA	NA
CL78:15_C20:4	CL56:0	NA	NA	NA	NA
CL78:15_C22:6	CL56:0	NA	NA	NA	NA
CL80:14_C18:2	CL56:0	NA	NA	NA	NA
CL80:14_C22:6	CL56:0	NA	NA	NA	NA
DHCer28:1(-H2O)	C17Cer	19.85	26.28	9.755	24.49
DHCer30:1	C17Cer	6.305	3.6	NA	5.89
DHCer32:1	C17Cer	4.35	2.55	NA	3.01
DHCer34:0(-H2O)	C17Cer	9.235	10.05	10.32	28.04
DHCer36:0	C17Cer	2.79	0.72	NA	NA
DHCer36:0(-H2O)	C17Cer	7.76	7.04	4.975	14.965
DHCer38:1(-H2O)	C17Cer	5.415	4.94	1.81	12.045
DHCer40:0(-H2O)	C17Cer	28.385	26.53	23.31	63.945
DHCer40:1(-H2O)	C17Cer	25.795	18.04	27.56	86.205
DHCer42:0(-H2O)	C17Cer	39.915	39.19	25.83	69.705
DHCer42:1	C17Cer	14.685	9.98	8.81	22.195
DHCer42:1(-H2O)	C17Cer	287.79	188.05	214.39	588.255
DHCer44:1(-H2O)	C17Cer	10.225	11.67	9.995	15.715
DLPC	DLPC	4000	4000	4000	4000
GlcCer28:1	C8GC	405.33	511.02	522.07	311.765
GlcCer28:1(-H2O)	C8GC	5.785	8.1	8.915	4.31
GlcCer28:2(-H2O)	C8GC	1.875	1.69	0.565	1.31
GlcCer30:1(-H2O)	C8GC	9.45	7.03	12.24	8.335
GlcCer30:2(-H2O)	C8GC	5.91	3.16	3.855	7.16
GlcCer32:1(-H2O)	C8GC	14.42	9.95	14.1	13.645
GlcCer32:2(-H2O)	C8GC	4.915	2.85	4.815	4.28
GlcCer34:1(-H2O)	C8GC	99.585	53.9	90.935	89.665
GlcCer34:2(-H2O)	C8GC	2.115	3.15	1.41	2.65
GlcCer36:1(-H2O)	C8GC	16.91	14.11	20.315	16.995
GlcCer36:2(-H2O)	C8GC	3.24	1.34	2.01	3.59
GlcCer38:1(-H2O)	C8GC	12.835	12.27	11.91	9.825
GlcCer38:2(-H2O)	C8GC	6.62	2.69	7.615	8.505
GlcCer40:1(-H2O)	C8GC	85.335	63.17	83.985	86.315
GlcCer40:2(-H2O)	C8GC	70.15	44.25	77.93	117.855
GlcCer42:1(-H2O)	C8GC	158.1	111.73	203.145	100.635
GlcCer42:2(-H2O)	C8GC	668.315	668.5	1013.71	723.315
GlcCer44:2(-H2O)	C8GC	14.235	14.63	14.455	16.305
GlcDHCer28:0(-H2O)	C8GC	3.18	3.58	4	1.795
GlcDHCer36:0(-H2O)	C8GC	1.89	2.23	0.66	1.07
GlcDHCer38:0(-H2O)	C8GC	0.975	0.46	0.94	0.245
GlcDHCer40:0(-H2O)	C8GC	2.165	3.71	1.45	2.1

GlcDHCer40:1(-H2O)	C8GC	2.055	4.65	1.105	3.37
GlcDHCer42:0(-H2O)	C8GC	1.885	4.06	1.535	2.53
GlcDHCer42:1(-H2O)	C8GC	9.575	10.93	10.205	12.465
LysoPC14:0	DLPC	4.72	5.61	4.775	3.665
LysoPC14:1	DLPC	0.505	0.785	0.475	0.535
LysoPC14:2	DLPC	0.435	0.22	0.2	0.14
LysoPC16:0	DLPC	56.96	60.84	56.605	60.785
LysoPC16:1	DLPC	17.05	16.445	18.645	16.21
LysoPC16:2	DLPC	0.76	0.56	0.57	0.7
LysoPC18:0	DLPC	24.08	31.17	27.67	5.85
LysoPC18:1	DLPC	75.31	85.33	77.595	71.035
LysoPC18:2	DLPC	1.08	3.4	0.75	0.765
LysoPC20:0	DLPC	1.165	2.125	1.42	0.435
LysoPC20:1	DLPC	24.43	25.36	31.04	4.515
LysoPC20:2	DLPC	3.02	3.52	3.455	1.425
LysoPC22:0	DLPC	1.295	2.61	1.435	0.53
LysoPC22:1	DLPC	1.345	1.425	1.32	0.65
LysoPC22:2	DLPC	0.96	1.065	0.93	0.425
LysoPE14:0	PE31:1	10.76	7.645	8.35	3.13
LysoPE14:1	PE31:1	4.245	4.365	1.83	3.45
LysoPE14:2	PE31:1	NA	NA	NA	NA
LysoPE16:0	PE31:1	225.865	153.52	165.16	77.165
LysoPE16:1	PE31:1	99.375	79.68	84.245	49.345
LysoPE16:2	PE31:1	0.665	NA	NA	NA
LysoPE18:0	PE31:1	138.31	100.015	107.875	56.48
LysoPE18:1	PE31:1	770.63	585.27	607.39	322.41
LysoPE18:2	PE31:1	26.975	18.405	19.54	7.445
LysoPE20:0	PE31:1	3.6	3.275	5.145	NA
LysoPE20:1	PE31:1	217.37	165.395	175.915	24.995
LysoPE20:2	PE31:1	16.23	10.22	13.105	2.94
LysoPE22:0	PE31:1	3.83	3.3	2.89	1.945
LysoPE22:1	PE31:1	9.975	9.38	8.945	3.435
LysoPE22:2	PE31:1	13.295	8.675	12.23	1.175
LysoPI14:0	PI31:1	NA	NA	NA	NA
LysoPI14:1	PI31:1	0.6	1.76	0.655	0.705
LysoPI14:2	PI31:1	NA	NA	NA	0.14
LysoPI16:0	PI31:1	4.135	4.58	5.12	7.29
LysoPI16:1	PI31:1	6.41	11.19	7.325	15.95
LysoPI16:2	PI31:1	NA	NA	NA	NA
LysoPI18:0	PI31:1	53.68	68.325	74.48	56.055
LysoPI18:1	PI31:1	70.37	108.75	81.65	118.36
LysoPI18:2	PI31:1	0.755	1.85	0.47	1.875
LysoPI20:0	PI31:1	1.05	0.33	NA	NA
LysoPI20:1	PI31:1	2.465	2.715	2.685	4.34
LysoPI20:2	PI31:1	6.565	7.07	3.81	10.845
LysoPI22:0	PI31:1	1.45	3.05	1.86	0.72

LysoPI22:1	PI31:1	0.89	0.895	1.26	1.7
LysoPI22:2	PI31:1	2.135	2.195	2.435	4.305
LysoPS14:0	PS31:1	NA	NA	0.055	NA
LysoPS14:1	PS31:1	15.625	22.06	13.095	14.185
LysoPS14:2	PS31:1	NA	NA	NA	NA
LysoPS16:0	PS31:1	1.415	3.7	2.71	3.535
LysoPS16:1	PS31:1	0.55	0.6	0.385	1.845
LysoPS16:2	PS31:1	NA	NA	NA	NA
LysoPS18:0	PS31:1	6.28	9.86	10.62	10.815
LysoPS18:1	PS31:1	12.27	22.25	19.36	44.74
LysoPS18:2	PS31:1	NA	NA	NA	NA
LysoPS20:0	PS31:1	NA	0.07	NA	NA
LysoPS20:1	PS31:1	0.235	0.155	0.605	0.695
LysoPS20:2	PS31:1	NA	0.14	NA	NA
LysoPS22:0	PS31:1	NA	NA	NA	NA
LysoPS22:1	PS31:1	0.235	0.225	0.095	0.305
LysoPS22:2	PS31:1	NA	NA	NA	NA
PC(O-)30:0	DLPC	4817.71	4210.78	4535.9	779.755
PC(O-)30:1	DLPC	1001.055	882.825	911.225	135.91
PC(O-)30:2	DLPC	26.565	26.7	22.33	12.17
PC(O-)30:3	DLPC	2.99	3.085	2.72	2.325
PC(O-)30:4	DLPC	1.82	1.745	1.31	0.61
PC(O-)30:5	DLPC	3.68	4.365	4.06	1.965
PC(O-)30:6	DLPC	101.115	104.55	97.035	103.075
PC(O-)32:0	DLPC	21509.44	20985.935	21250.915	5338.765
PC(O-)32:1	DLPC	20261.14	19424.275	18379.97	3263.595
PC(O-)32:2	DLPC	2332.925	2199.805	2178.32	238.99
PC(O-)32:3	DLPC	36.935	37.975	35.585	7.705
PC(O-)32:4	DLPC	7.795	8.545	7.68	1.905
PC(O-)32:5	DLPC	36.45	36.11	35.19	12.825
PC(O-)32:6	DLPC	1443.325	1414.825	1375.2	1563.875
PC(O-)34:0	DLPC	8358.155	7469.905	8256.38	3834.295
PC(O-)34:1	DLPC	62087.05	56124.255	55773.235	11953.845
PC(O-)34:2	DLPC	14148.585	12317.555	12039.2	2092.795
PC(O-)34:3	DLPC	1249.92	1233.815	1166.185	102.645
PC(O-)34:4	DLPC	40.135	45.34	39.06	6.3
PC(O-)34:5	DLPC	106.88	107.28	103.515	28.405
PC(O-)36:0	DLPC	769.785	666.085	687.065	660.14
PC(O-)36:1	DLPC	7455.07	6385.19	6888.905	5078.135
PC(O-)36:2	DLPC	15080.32	13153.385	13663.035	4851.45
PC(O-)36:3	DLPC	3692.015	3306.375	3414.665	393.42
PC(O-)36:4	DLPC	1175.465	1171.93	1101.385	95.265
PC(O-)36:5	DLPC	715.52	712.27	627.455	77.15
PC(O-)36:6	DLPC	408.94	413.02	400.835	315.24
PC(O-)38:1	DLPC	528.34	499.525	472.37	458.845
PC(O-)38:2	DLPC	1444.66	1515.34	1403.2	877.83

PC(O-)38:3	DLPC	534.6	507.235	461.32	302.385
PC(O-)38:4	DLPC	638.58	621.735	618.405	120.645
PC(O-)38:5	DLPC	2791.98	2668.525	2455.725	189.27
PC(O-)38:6	DLPC	2184.755	2124.945	1936.57	214.775
PC(O-)40:2	DLPC	141.23	111.59	128.095	101.755
PC(O-)40:3	DLPC	169.84	103.705	129.22	88.71
PC(O-)40:4	DLPC	107.59	76.585	79.685	65.68
PC(O-)40:5	DLPC	273.025	259.985	245.995	86.34
PC(O-)40:6	DLPC	930.495	901.11	877.98	121.985
PC(O-)42:1	DLPC	18.725	14.885	18.055	19.225
PC(O-)42:2	DLPC	29.105	21.93	27.115	22.94
PC(O-)42:3	DLPC	51.065	33.4	40.605	28.46
PC(O-)42:4	DLPC	63.045	23.87	35.985	26.99
PC(O-)42:5	DLPC	31.815	25.33	28.18	23.16
PC(O-)42:6	DLPC	54.01	41.99	39.425	26.87
PC(O-)44:1	DLPC	6.76	3.69	4.945	3.51
PC(O-)44:2	DLPC	10.985	6.655	8.53	5.26
PC(O-)44:3	DLPC	17.925	10.605	14.31	7.525
PC(O-)44:4	DLPC	17.345	8.42	9.38	9.015
PC(O-)44:5	DLPC	17.26	11.425	12.72	11.06
PC(O-)44:6	DLPC	16.155	8.775	12.755	9.005
PC28:0	DLPC	1473.025	1477.885	1522.71	2299.96
PC28:1	DLPC	250.825	321.25	267.255	383.44
PC28:2	DLPC	6.48	8.465	7.04	9.54
PC28:3	DLPC	0.505	0.81	0.615	0.505
PC28:4	DLPC	0.845	0.925	0.77	0.48
PC28:5	DLPC	0.88	1.22	1.345	0.755
PC28:6	DLPC	16.85	22.515	13.375	6.78
PC30:0	DLPC	28991.58	26319.885	25955.745	34756.335
PC30:1	DLPC	8037.06	8100.9	7700.165	12457.285
PC30:2	DLPC	100.175	110.72	104.945	152.735
PC30:3	DLPC	5.56	5.44	4.62	6.215
PC30:4	DLPC	4.13	5.29	4.7	4.32
PC30:5	DLPC	7.07	7.24	8.39	2.8
PC30:6	DLPC	230.255	210.22	225.26	41.745
PC32:0	DLPC	49550.775	46636.855	48593.13	74818.365
PC32:1	DLPC	104884.22	91243.715	98087.155	172412.43
PC32:2	DLPC	11992.505	10880.695	10712.19	24690.765
PC32:3	DLPC	93.54	82.015	81.315	138.34
PC32:4	DLPC	8.22	9.6	8.685	8.48
PC32:5	DLPC	35.93	32.655	39.145	11.845
PC32:6	DLPC	1096.875	1013.715	1039.01	306.895
PC34:0	DLPC	13609.135	12695.835	12993.02	20070.805
PC34:1	DLPC	206273.47	210606.23	204082.065	297913.265
PC34:2	DLPC	87901.09	80410.37	82729.17	161640.34
PC34:3	DLPC	2147.11	1822.69	1768.77	3868.38

PC34:4	DLPC	101.735	96.21	88.945	186.52
PC34:5	DLPC	67.35	60.895	57.09	48.32
PC34:6	DLPC	436.605	381.28	384.435	287.805
PC36:0	DLPC	1202.295	1077.77	1204.025	1073.57
PC36:1	DLPC	19805.445	18205.915	17676.71	25139.69
PC36:2	DLPC	141955.585	142817.315	132190.47	192523.46
PC36:3	DLPC	7053.505	7271.465	6857.38	11775.9
PC36:4	DLPC	1495.81	1334.585	1333.925	2409.675
PC36:5	DLPC	781.515	754.57	725.825	1507.93
PC36:6	DLPC	225.165	194.505	182.12	379.32
PC38:0	DLPC	1093.74	1000.615	979.805	158.785
PC38:1	DLPC	1141.69	1072.8	1100.545	1030.59
PC38:2	DLPC	7958.15	6986.99	7506.795	9996.72
PC38:3	DLPC	1384.11	1322.34	1299.21	2069.49
PC38:4	DLPC	721.54	690.085	650.755	1204.76
PC38:5	DLPC	2183.465	1964.845	1946.12	4054.095
PC38:6	DLPC	1628.75	1496.85	1438.005	2947.545
PC40:0	DLPC	59.99	49.81	48.82	33.03
PC40:1	DLPC	77.775	63.735	68.81	81.365
PC40:2	DLPC	310.285	245.35	255.265	339.415
PC40:3	DLPC	246.83	196.465	200.925	264.025
PC40:4	DLPC	97.255	73.335	76.035	102.675
PC40:5	DLPC	262.26	234.77	231.27	465.9
PC40:6	DLPC	785.51	768.07	703.82	1465.605
PC42:0	DLPC	7.52	5.31	7.19	4.36
PC42:1	DLPC	19.49	14.095	18.435	19.755
PC42:2	DLPC	72.635	63.87	73.415	81.98
PC42:3	DLPC	75.415	59.355	66.855	71.255
PC42:4	DLPC	30.785	25.985	29.055	12.675
PC42:5	DLPC	25.04	23.97	30.785	32.665
PC42:6	DLPC	52.315	49.995	57.635	88.79
PC44:0	DLPC	2.055	1.215	1.925	0.88
PC44:1	DLPC	4.455	3.19	3.345	3.19
PC44:2	DLPC	15.925	15.31	14.765	17.15
PC44:3	DLPC	17.755	13.83	16.435	21.29
PC44:4	DLPC	7.805	5.41	4.32	3.275
PC44:5	DLPC	11.79	7.25	8.645	5.465
PC44:6	DLPC	17.545	6.475	7.645	9.98
PE(O-)30:0	PE31:1	24.505	21.74	22.72	21.52
PE(O-)30:1	PE31:1	10.875	11.06	9.09	9.73
PE(O-)32:2	PE31:1	30.885	24.01	31.105	15.195
PE(O-)32:5	PE31:1	1.025	1.535	NA	NA
PE(O-)34:0	PE31:1	229.505	194.57	204.35	207.49
PE(O-)34:1	PE31:1	1294.965	1071.24	1112.585	1071.225
PE(O-)34:2	PE31:1	475.2	387.87	440.705	406.08
PE(O-)34:3	PE31:1	65.835	59.23	56.69	24.77

PE(O-)34:4	PE31:1	238.085	239.865	207.345	215.745
PE(O-)34:5	PE31:1	10.835	6.725	6.555	1.28
PE(O-)36:3	PE31:1	217.51	164.165	189.73	116.23
PE(O-)36:4	PE31:1	117.365	101.185	86.89	52.06
PE(O-)36:5	PE31:1	156.39	124.815	129.315	31.02
PE(O-)36:6	PE31:1	109.885	86.29	78.73	58.515
PE(O-)38:4	PE31:1	207.795	175.21	179.71	180.875
PE(O-)38:5	PE31:1	363.47	293.92	310.295	216.41
PE(O-)38:6	PE31:1	350.72	274.975	264.755	101.985
PE(O-)40:6	PE31:1	258.63	174.035	193.43	187.355
PE28:0	PE31:1	48.495	48.68	40.37	56.765
PE28:1	PE31:1	120.405	96.19	79.23	169.71
PE28:2	PE31:1	8.21	3.925	2.575	8.75
PE28:3	PE31:1	2.32	2.955	3.085	2.59
PE28:4	PE31:1	0.97	2.005	NA	2.775
PE28:5	PE31:1	NA	NA	NA	1.4
PE28:6	PE31:1	3.92	5.12	4.97	2.75
PE30:0	PE31:1	448.265	374.21	397.61	537.305
PE30:1	PE31:1	263.74	257.52	281.855	622.585
PE30:2	PE31:1	10.125	7.25	5.915	16.995
PE30:3	PE31:1	6.915	3.78	1.605	6.9
PE30:4	PE31:1	9.41	13.845	7.26	16.81
PE30:5	PE31:1	NA	NA	NA	0.785
PE30:6	PE31:1	4.26	4.25	3.965	4.43
PE32:0	PE31:1	1536.8	1293.755	1291.71	1976.76
PE32:1	PE31:1	9116.91	7995.145	7985.24	15349.825
PE32:2	PE31:1	2183.355	1819.19	1959.89	5686.85
PE32:3	PE31:1	23.525	24.285	17.11	39.315
PE32:4	PE31:1	14.85	13.61	9.39	27.345
PE32:5	PE31:1	2.43	1.16	0.93	2.285
PE32:6	PE31:1	17.79	13.075	13.675	14.825
PE34:0	PE31:1	2183.39	1699.695	1726.28	2858.725
PE34:1	PE31:1	31613.095	25507.49	26176.49	42846.27
PE34:2	PE31:1	29448.215	25120.54	25900.52	62074.02
PE34:3	PE31:1	743.98	641.47	667.975	1460.43
PE34:4	PE31:1	271.965	265.68	226.85	403.29
PE34:5	PE31:1	76.82	69.79	58.76	167.28
PE34:6	PE31:1	19.27	14.795	11.88	13.47
PE36:0	PE31:1	1112.745	827.935	804.945	1102.415
PE36:1	PE31:1	19036.78	14475.43	13628.57	24780.655
PE36:2	PE31:1	78009.965	60812.33	59857.605	126245.015
PE36:3	PE31:1	4958.825	3834.335	3730.04	7697.82
PE36:4	PE31:1	2283.535	1953.705	1845.97	3719.195
PE36:5	PE31:1	1502.155	1464.925	1301.155	3723.405
PE36:6	PE31:1	203.43	181.98	201.305	583.3
PE38:0	PE31:1	166.4	123.12	119.795	80.985

PE38:1	PE31:1	538.03	449.655	438.61	527.305
PE38:2	PE31:1	3074.74	2269.1	2301.725	4171.335
PE38:3	PE31:1	1250.28	1077.64	1080.725	1988.855
PE38:4	PE31:1	4258.19	3672.655	3324.08	7093.395
PE38:5	PE31:1	7256.69	6848.195	6361.015	17289.74
PE38:6	PE31:1	3286.78	2985.73	2747.3	8063.55
PE40:0	PE31:1	40.815	26.58	30.245	55.17
PE40:1	PE31:1	91.35	81.655	75.855	103.265
PE40:2	PE31:1	569.46	400.885	363.82	666.605
PE40:3	PE31:1	256.79	208.915	197.54	326.925
PE40:4	PE31:1	442.075	283.365	310.325	431.465
PE40:5	PE31:1	1819.825	1566.17	1427.185	3335.605
PE40:6	PE31:1	5488.835	4253.72	4288.345	10834.27
PE42:0	PE31:1	10.975	3.45	4.325	10.33
PE42:1	PE31:1	32.385	22.875	20.78	33.12
PE42:2	PE31:1	158.13	98.63	77.705	136.87
PE42:3	PE31:1	102.205	63.83	54.385	105.41
PE42:4	PE31:1	47.3	25.83	27.955	34.345
PE42:5	PE31:1	131.755	80.245	88.37	136.22
PE42:6	PE31:1	156.725	102.78	97.09	216.5
PE44:0	PE31:1	2.59	NA	NA	0.895
PE44:1	PE31:1	2.845	2.71	2.565	4.3
PE44:2	PE31:1	21.48	18.955	18.245	27.275
PE44:3	PE31:1	12.615	14.895	10.105	18.07
PE44:4	PE31:1	10.775	4.93	5.795	7.515
PE44:5	PE31:1	37.56	32.065	24.215	30.87
PE44:6	PE31:1	44.3	27.185	25.41	35.915
PI(O-)30:0	PI31:1	14.155	11.625	10.43	7.545
PI(O-)30:1	PI31:1	196.035	167.56	211.71	78.27
PI(O-)30:2	PI31:1	52.135	41.07	45.02	22.65
PI(O-)30:3	PI31:1	5.995	2.36	1.32	2.16
PI(O-)30:5	PI31:1	13.24	20.385	3.93	3.88
PI(O-)30:6	PI31:1	34.055	24.48	12.14	14.685
PI(O-)32:2	PI31:1	117.02	100.435	102.715	57.74
PI(O-)32:3	PI31:1	2.86	4.875	4.925	1.695
PI(O-)32:4	PI31:1	4.005	3.68	1.895	2.22
PI(O-)32:5	PI31:1	18.23	14.72	10.83	6.76
PI(O-)32:6	PI31:1	24.72	32.2	19.2	12.14
PI(O-)34:2	PI31:1	94.225	74.02	84.66	55.575
PI(O-)34:5	PI31:1	3.34	5.865	1.005	1.675
PI(O-)34:6	PI31:1	23.195	21.47	18.28	20.31
PI(O-)36:1	PI31:1	565.465	496.44	569.21	441.055
PI(O-)36:2	PI31:1	485.145	420.54	452.535	370.015
PI(O-)36:3	PI31:1	23.45	15.67	24.15	21.515
PI(O-)36:4	PI31:1	2.21	2.815	1.445	1.125
PI(O-)36:5	PI31:1	1.63	3.71	2.795	1.33

PI(O-)38:1	PI31:1	119.175	128.32	87.815	105.12
PI(O-)38:2	PI31:1	532.97	462.61	529.65	456.375
PI(O-)38:3	PI31:1	158.1	151.11	137.415	103.38
PI(O-)38:4	PI31:1	48.195	29.81	31.645	28.125
PI(O-)38:5	PI31:1	49.22	47.425	39.74	23.09
PI(O-)40:2	PI31:1	154.19	132.845	139.39	126.12
PI(O-)40:3	PI31:1	186.66	161.91	167.34	161.125
PI(O-)40:4	PI31:1	49.74	34.445	39.12	39.855
PI(O-)40:5	PI31:1	26.96	16.275	14.01	17.265
PI(O-)42:1	PI31:1	15.485	12.37	7.39	9.37
PI(O-)42:2	PI31:1	26.03	23.14	26.48	27.14
PI(O-)42:3	PI31:1	38.46	24.56	27.05	37.785
PI(O-)42:6	PI31:1	46.32	31.72	20.53	28.685
PI(O-)44:1	PI31:1	2.37	1.375	0.785	1.15
PI(O-)44:4	PI31:1	5.28	3.03	3.555	2.38
PI28:0	PI31:1	13.27	12.8	5.83	9.1
PI28:1	PI31:1	67.615	71.51	56.865	41.965
PI28:2	PI31:1	13.74	12.3	9.975	4.9
PI28:3	PI31:1	11.445	10.885	7.16	3.61
PI28:4	PI31:1	2.615	2.37	2.28	0.58
PI28:5	PI31:1	3.73	1.07	1.23	0.92
PI28:6	PI31:1	11.35	6.84	3.195	1.105
PI30:0	PI31:1	39.5	36.32	40.03	41.515
PI30:1	PI31:1	395.725	353.86	374.68	407.025
PI30:2	PI31:1	93.02	87.535	108.595	91.885
PI30:3	PI31:1	2.525	1.065	0.585	0.175
PI30:4	PI31:1	1.625	1.65	0.515	0.7
PI30:5	PI31:1	8.83	7.505	3.925	4.69
PI30:6	PI31:1	6.54	5.685	2.695	0.72
PI31:1	PI31:1	10000	10000	10000	10000
PI32:0	PI31:1	228.915	210.815	173.05	280.705
PI32:1	PI31:1	1223.705	1076.185	1321.935	2064.67
PI32:2	PI31:1	443.635	439.585	493.94	665.16
PI32:3	PI31:1	5.935	3.615	2.885	10.6
PI32:4	PI31:1	2.495	0.97	0.56	0.47
PI32:5	PI31:1	5.03	3.43	2.72	0.545
PI32:6	PI31:1	4.175	3.395	2.635	4.295
PI34:0	PI31:1	690.255	578.14	749.525	992.565
PI34:1	PI31:1	11385.465	9843.31	11855.72	14572.615
PI34:2	PI31:1	10559.785	9829.01	9814.685	15945.485
PI34:3	PI31:1	107.795	105.875	134.16	250.225
PI34:4	PI31:1	2.36	3.45	2.175	1.55
PI34:5	PI31:1	3.39	2.43	2.465	0.88
PI34:6	PI31:1	7.41	5.305	4.93	7.26
PI36:0	PI31:1	826.1	710.375	752.315	705.775
PI36:1	PI31:1	15178.82	12532.89	13496.06	12730.18

PI36:2	PI31:1	28369.085	25370.215	27349.495	29184.705
PI36:3	PI31:1	1408.69	1292.605	1334.325	2010.99
PI36:4	PI31:1	165.46	148.64	172.505	244.995
PI36:5	PI31:1	53.03	53.045	57.475	59.275
PI36:6	PI31:1	80.61	67.865	65.445	73.095
PI38:0	PI31:1	219.705	153.15	143.32	202.12
PI38:1	PI31:1	995.745	841.96	870.615	1033.575
PI38:2	PI31:1	4501.3	3944.02	4170.89	4642.09
PI38:3	PI31:1	3776.38	3310.23	3232.17	3677.58
PI38:4	PI31:1	3802.605	3441.125	3746.345	3823.195
PI38:5	PI31:1	2007.785	1839.79	1857.8	2874.14
PI38:6	PI31:1	275.915	216.155	246.07	540.25
PI40:0	PI31:1	213.81	125.92	104.335	109.045
PI40:1	PI31:1	397.95	255.8	209.945	247.605
PI40:2	PI31:1	499.53	439.665	435.665	501.625
PI40:3	PI31:1	527.035	383.725	539.88	578.47
PI40:4	PI31:1	337.005	276.65	297.56	289.165
PI40:5	PI31:1	596.545	605.735	573	793.785
PI40:6	PI31:1	618.89	508.37	479.93	794.525
PI42:0	PI31:1	31.18	8.42	5.175	16.785
PI42:1	PI31:1	49.5	36.575	34.84	45.735
PI42:2	PI31:1	159.745	130.85	127.725	163.63
PI42:3	PI31:1	229.335	212.4	214.61	319.415
PI42:4	PI31:1	49.455	38.685	25.565	46.66
PI42:5	PI31:1	6.32	7.34	4.735	11.25
PI42:6	PI31:1	9.015	4.95	3.995	9.25
PI44:0	PI31:1	12.705	5.635	2.535	6.305
PI44:1	PI31:1	14.945	9.7	6.53	15.575
PI44:2	PI31:1	18.61	12.175	13.355	19.735
PI44:3	PI31:1	22.82	19.64	17.475	32.145
PI44:4	PI31:1	34.585	27.12	22.43	35.475
PI44:5	PI31:1	22.205	25.24	18.55	39.6
PI44:6	PI31:1	12.4	12.805	9.25	32.645
PS(O-)30:0	PS31:1	7.94	7.18	7.13	3.165
PS(O-)30:1	PS31:1	2.15	0.815	1.215	0.965
PS(O-)30:2	PS31:1	0.09	0.05	NA	NA
PS(O-)30:6	PS31:1	1.135	0.445	0.645	0.34
PS(O-)32:2	PS31:1	3.725	2.875	3.73	3.195
PS(O-)34:0	PS31:1	114.55	127.385	101.09	80.76
PS(O-)34:1	PS31:1	373.865	321.61	344.17	129.705
PS(O-)34:2	PS31:1	40.515	44.15	26.495	4.825
PS(O-)34:3	PS31:1	24.67	23.015	19.165	24.22
PS(O-)34:5	PS31:1	0.17	0.29	NA	NA
PS(O-)36:0	PS31:1	94.255	74.515	87.74	61.615
PS(O-)36:1	PS31:1	536.77	518.075	476.585	298.725
PS(O-)36:2	PS31:1	164.435	153.135	139.53	80.425

PS(O-)36:3	PS31:1	13.78	9.735	7.535	2.455
PS(O-)36:4	PS31:1	4.595	2.47	2.405	1.26
PS(O-)36:5	PS31:1	2.665	2.62	1.825	0.22
PS(O-)38:0	PS31:1	30.815	32.81	25.375	29.865
PS(O-)38:1	PS31:1	161.9	155.03	151.275	113.62
PS(O-)38:2	PS31:1	94.065	69.965	68.045	55.225
PS(O-)38:3	PS31:1	16.115	10.505	4.72	6.355
PS(O-)38:4	PS31:1	10.79	12.355	5.715	3.515
PS(O-)38:5	PS31:1	20.37	10.77	12.995	1.015
PS(O-)38:6	PS31:1	27.035	17.855	15.045	8.99
PS(O-)40:1	PS31:1	21.415	25.595	16.435	16.81
PS(O-)40:2	PS31:1	58.145	44.61	51.585	32.37
PS(O-)40:5	PS31:1	12.945	11.415	8.74	5.85
PS(O-)40:6	PS31:1	23.785	16.36	20.195	5.37
PS(O-)42:2	PS31:1	15.625	12.905	15.405	13.105
PS(O-)44:6	PS31:1	0.07	0.145	0.195	NA
PS28:0	PS31:1	6.685	5.42	5.79	7.705
PS28:1	PS31:1	1.62	1.875	1.975	1.29
PS28:2	PS31:1	0.13	0.25	0.47	NA
PS28:3	PS31:1	NA	NA	NA	NA
PS28:4	PS31:1	NA	NA	NA	NA
PS28:5	PS31:1	NA	NA	NA	NA
PS28:6	PS31:1	0.465	0.24	0.675	0.095
PS30:0	PS31:1	84.72	71.115	85.13	144.085
PS30:1	PS31:1	19.145	16.53	14.655	21.835
PS30:2	PS31:1	0.5	0.185	NA	NA
PS30:3	PS31:1	NA	NA	NA	NA
PS30:4	PS31:1	NA	NA	NA	NA
PS30:5	PS31:1	NA	NA	NA	NA
PS30:6	PS31:1	1.45	1.06	0.655	0.485
PS31:1	PS31:1	33000	33000	33000	33000
PS32:0	PS31:1	665.24	648.845	610.355	986.94
PS32:1	PS31:1	1059.705	1000.795	893.825	1786.27
PS32:2	PS31:1	11.08	12.655	10.715	24.82
PS32:3	PS31:1	0.36	0.615	0.36	0.785
PS32:4	PS31:1	NA	0.115	NA	0.085
PS32:5	PS31:1	NA	NA	NA	0.145
PS32:6	PS31:1	18.27	21.215	18.33	16.53
PS34:0	PS31:1	1063.65	972.58	1026.945	1149.255
PS34:1	PS31:1	9764.835	8156.995	8514.925	12317.325
PS34:2	PS31:1	1263.575	1175.645	1109.395	1991.68
PS34:3	PS31:1	16.845	11.975	15.91	34.43
PS34:4	PS31:1	8.265	10.575	6.81	21.795
PS34:5	PS31:1	0.39	0.76	0.215	0.36
PS34:6	PS31:1	3.815	6.65	4.87	4.755
PS36:0	PS31:1	758.89	652.78	700.26	683.62

PS36:1	PS31:1	13108.27	11501.725	11017.695	13031.5
PS36:2	PS31:1	7793.825	6765.355	6438.005	8612.905
PS36:3	PS31:1	152.75	137.13	110.745	241.15
PS36:4	PS31:1	102.99	91.5	78.69	175.81
PS36:5	PS31:1	16.62	15.62	16.77	40.535
PS36:6	PS31:1	6.675	5.905	5.155	5.645
PS38:0	PS31:1	43.365	51.195	40.665	21.84
PS38:1	PS31:1	476.405	455.37	486.8	439.485
PS38:2	PS31:1	1229.965	1178.425	1240.02	1528.575
PS38:3	PS31:1	175.23	175.57	183.39	254.045
PS38:4	PS31:1	189.25	177.95	199.875	282.255
PS38:5	PS31:1	157.955	128.33	134.055	305.045
PS38:6	PS31:1	57.145	51.1	54.2	92.67
PS40:0	PS31:1	9.685	8.435	11.125	6.51
PS40:1	PS31:1	138.295	131.435	130.955	122.14
PS40:2	PS31:1	705.495	630.865	650.09	708.22
PS40:3	PS31:1	90.345	68.105	107.11	107.85
PS40:4	PS31:1	74.12	67.585	73.125	121.515
PS40:5	PS31:1	384.8	355.4	358.295	729.73
PS40:6	PS31:1	593.55	492.855	586.195	930.3
PS42:0	PS31:1	0.455	0.57	0.825	0.79
PS42:1	PS31:1	16.56	20.205	16.175	12.91
PS42:2	PS31:1	125.645	89.435	105.695	94.895
PS42:3	PS31:1	48.415	40.84	38.58	56.04
PS42:4	PS31:1	4.735	3.795	2.43	3.155
PS42:5	PS31:1	8.7	5.085	8.465	7.605
PS42:6	PS31:1	16.365	15.42	10.045	27.49
PS44:0	PS31:1	NA	NA	NA	NA
PS44:1	PS31:1	0.095	NA	0.14	NA
PS44:2	PS31:1	2.005	0.68	1.22	1.955
PS44:3	PS31:1	0.605	0.425	0.195	0.575
PS44:4	PS31:1	NA	NA	NA	0.165
PS44:5	PS31:1	1.335	0.3	0.58	0.885
PS44:6	PS31:1	2.15	2	2.305	3.41
SM32:0	C12SM	6.06	5.74	6.01	12.31
SM34:0	C12SM	105.4	126.59	101.015	139.085
SM36:0	C12SM	35.995	17.94	28.95	11.575
SM40:0	C12SM	18.56	17.1	30.97	18.775
SM42:0	C12SM	9.13	9.78	8.535	9.09
SM44:0	C12SM	0.125	0.16	0.16	0.21
SM44:1	C12SM	0.845	0.62	1.165	1.155
SM44:2	C12SM	7.9	5.94	11.17	15.53
SM44:3	C12SM	3.095	3.16	3.26	6.89

aAGPS_2	aAGPS_3	LipidName	standard_ion	ctrl_1	ctrl_2
25000	25000	C12SM	C12SM	34250	34250
5000	5000	C17Cer	C17Cer	5000	5000
5000	5000	C17Cer(-H2O	C17Cer	5000	5000
1000	1000	C8GC	NA	NA	NA
1000	1000	C8GC(-H2O)	C8GC	1000	1000
19.5	23	CL68:3_C16:0	CL56:0	191.935	229.2
99.285	96.315	CL68:3_C16:1	CL56:0	274.48	352.69
3.925	2.73	CL68:3_C18:1	CL56:0	947.63	1150.61
229.685	254.07	CL68:3_C18:2	CL56:0	NA	NA
654.305	521.085	CL68:4_C16:0	CL56:0	7.44	6.81
16.255	8.25	CL68:4_C16:1	CL56:0	3418.695	4142.24
65.57	73.78	CL68:4_C18:1	CL56:0	4391.25	4719.27
7.5	5.315	CL68:4_C18:2	CL56:0	21.94	41.75
7.56	2.215	CL68:5_C16:0	CL56:0	NA	NA
86.62	51.91	CL68:5_C16:1	CL56:0	613.96	862.92
8.385	6.235	CL68:5_C18:1	CL56:0	301.195	284.67
51.005	68.825	CL68:5_C18:2	CL56:0	202.47	320.86
336.685	290.735	CL68:6_C16:1	CL56:0	64.855	59.9
322.1	350.865	CL68:6_C18:2	CL56:0	5.895	10.78
856.865	618.02	CL70:2_C16:0	CL56:0	9.065	9.62
221.495	181.95	CL70:2_C18:0	CL56:0	1.755	NA
453.215	407.245	CL70:2_C18:1	CL56:0	21.565	21.92
5007.69	2982.215	CL70:2_C20:1	CL56:0	NA	NA
4591.82	4045.4	CL70:3_C16:0	CL56:0	45.31	73.49
NA	NA	CL70:3_C18:1	CL56:0	561.63	825.58
19.31	14.59	CL70:4_C16:0	CL56:0	5.465	12.09
29.925	20.01	CL70:4_C18:1	CL56:0	3681.845	4928.1
94.625	106.82	CL70:4_C18:2	CL56:0	26.515	28.67
56.135	55.825	CL70:5_C16:0	CL56:0	NA	NA
30.535	12.845	CL70:5_C16:1	CL56:0	405.445	388.32
748.465	604.36	CL70:5_C18:1	CL56:0	1077.09	1329.14
136.97	118.72	CL70:5_C18:2	CL56:0	249.78	373.23
11.075	7.505	CL70:6_C16:0	CL56:0	NA	NA
27.34	19.175	CL70:6_C16:1	CL56:0	44.965	55.66
3.055	0.75	CL70:6_C18:1	CL56:0	95.495	86.12
34.195	46.32	CL70:6_C18:2	CL56:0	29.355	37.67
136.445	127.435	CL70:7_C16:1	CL56:0	25.94	28.07
345.065	281.52	CL70:7_C18:2	CL56:0	NA	NA
NA	NA	CL72:10_C16	CL56:0	NA	NA
3.015	2.66	CL72:10_C20	CL56:0	NA	NA
1845.12	1626.6	CL72:11_C16	CL56:0	NA	NA
2297.79	2009.105	CL72:11_C18	CL56:0	NA	NA
7.525	9.205	CL72:11_C20	CL56:0	NA	NA
NA	NA	CL72:11_C22	CL56:0	NA	NA
281.79	249.9	CL72:4_C18:1	CL56:0	540.645	639.6

125.555	109.385	CL72:5_C18:0	CL56:0	NA	NA	
90.115	79.555	CL72:5_C18:1	CL56:0	347.735	646.32	
27.74	22.59	CL72:5_C18:2	CL56:0	53.805	88.9	
5.175	3.095	CL72:6_C18:1	CL56:0	90.97	109.78	
0.99	0.48	CL72:6_C18:2	CL56:0	33.75	48.9	
0.42	0.875	CL72:7_C18:1	CL56:0	20.035	20.07	
6.84	5.235	CL72:7_C18:2	CL56:0	1.84	NA	
NA	NA	CL72:8_C18:2	CL56:0	NA	NA	
6.285	6.975	CL72:9_C16:0	CL56:0	NA	NA	
127.16	135.97	CL72:9_C16:1	CL56:0	7.355	NA	
1	0.86	CL72:9_C18:2	CL56:0	NA	NA	
1467.54	1340.03	CL72:9_C18:3	CL56:0	NA	NA	
3.93	3.14	CL72:9_C20:4	CL56:0	NA	NA	
NA	NA	CL74:10_C16	CL56:0	NA	NA	
97.665	73.455	CL74:10_C16	CL56:0	NA	NA	
265.18	274.515	CL74:10_C18	CL56:0	NA	NA	
87.75	65.445	CL74:10_C18	CL56:0	NA	NA	
NA	NA	CL74:10_C20	CL56:0	NA	NA	
23.105	15.755	CL74:10_C20	CL56:0	NA	NA	
18.765	19.655	CL74:10_C22	CL56:0	NA	NA	
9.87	6.55	CL74:5_C18:1	CL56:0	NA	NA	
25.145	18.185	CL74:5_C18:2	CL56:0	NA	NA	
NA	NA	CL74:5_C20:1	CL56:0	NA	NA	
NA	NA	CL74:6_C18:1	CL56:0	NA	NA	
NA	NA	CL74:6_C18:2	CL56:0	NA	NA	
NA	NA	CL74:6_C20:1	CL56:0	NA	NA	
NA	NA	CL74:6_C20:2	CL56:0	NA	NA	
NA	NA	CL74:7_C18:1	CL56:0	6.015	5.73	
NA	NA	CL74:7_C18:2	CL56:0	NA	NA	
170.88	172.705	CL74:7_C20:1	CL56:0	NA	NA	
NA	NA	CL74:7_C20:2	CL56:0	NA	NA	
72.23	64.67	CL74:8_C18:2	CL56:0	NA	NA	
10.03	8.805	CL74:8_C20:2	CL56:0	NA	NA	
16.185	15.72	CL74:9_C18:1	CL56:0	2.15	4.12	
0.65	2.06	CL74:9_C18:2	CL56:0	NA	NA	
14.26	14.365	CL74:9_C20:3	CL56:0	NA	NA	
NA	NA	CL74:9_C20:4	CL56:0	NA	NA	
1.295	NA	CL76:10_C18	CL56:0	NA	NA	
NA	NA	CL76:10_C18	CL56:0	NA	NA	
5.765	4.21	CL76:10_C20	CL56:0	NA	NA	
NA	NA	CL76:10_C20	CL56:0	NA	NA	
NA	NA	CL76:10_C22	CL56:0	NA	NA	
NA	NA	CL76:10_C22	CL56:0	NA	NA	
NA	NA	CL76:11_C18	CL56:0	5.955	NA	
NA	NA	CL76:11_C18	CL56:0	NA	NA	
NA	NA	CL76:11_C22	CL56:0	NA	NA	

NA	NA	CL76:11_C22	CL56:0	NA	NA	
NA	NA	CL76:12_C18	CL56:0	NA	NA	
NA	NA	CL76:12_C22	CL56:0	NA	NA	
NA	NA	CL76:9_C18:0	CL56:0	NA	NA	
NA	NA	CL76:9_C18:1	CL56:0	2.34	NA	
NA	NA	CL76:9_C18:2	CL56:0	NA	NA	
NA	NA	CL76:9_C20:1	CL56:0	NA	NA	
NA	NA	CL76:9_C20:4	CL56:0	NA	NA	
NA	NA	CL76:9_C22:6	CL56:0	NA	NA	
NA	NA	CL78:12_C18	CL56:0	NA	NA	
NA	NA	CL78:12_C18	CL56:0	NA	NA	
2.535	0.61	CL78:12_C20	CL56:0	NA	NA	
NA	NA	CL78:12_C20	CL56:0	NA	NA	
NA	NA	CL78:12_C22	CL56:0	NA	NA	
NA	NA	CL78:13_C18	CL56:0	NA	NA	
NA	NA	CL78:13_C20	CL56:0	NA	NA	
NA	NA	CL78:13_C22	CL56:0	NA	NA	
2.51	1.915	CL78:14_C18	CL56:0	NA	NA	
NA	NA	CL78:14_C20	CL56:0	NA	NA	
NA	NA	CL78:14_C22	CL56:0	NA	NA	
NA	NA	CL78:15_C18	CL56:0	NA	NA	
NA	NA	CL78:15_C18	CL56:0	NA	NA	
NA	NA	CL78:15_C20	CL56:0	NA	NA	
NA	NA	CL78:15_C22	CL56:0	NA	NA	
NA	NA	CL80:14_C18	CL56:0	NA	NA	
NA	NA	CL80:14_C22	CL56:0	NA	NA	
NA	NA	Cer32:1	C17Cer	22.36	14.54	
NA	NA	Cer32:1(-H2C	C17Cer	119.1	106.56	
NA	NA	Cer32:2	C17Cer	6.08	NA	
NA	NA	Cer34:1	C17Cer	226.95	181.825	
NA	NA	Cer34:1(-H2C	C17Cer	660.18	506.08	
NA	NA	Cer36:1	C17Cer	18.085	10.705	
NA	NA	Cer36:1(-H2C	C17Cer	73.995	58.49	
NA	NA	Cer36:2	C17Cer	15.38	9.73	
NA	NA	Cer38:1	C17Cer	2.035	3.695	
NA	NA	Cer38:1(-H2C	C17Cer	103.485	63.84	
NA	NA	Cer38:2	C17Cer	2.555	8.3	
NA	NA	Cer40:1	C17Cer	87.485	89.115	
NA	NA	Cer40:1(-H2C	C17Cer	338.35	334.725	
NA	NA	Cer40:2	C17Cer	313.99	450.415	
NA	NA	Cer40:2(-H2C	C17Cer	852.02	573.185	
NA	NA	Cer42:1	C17Cer	372.895	436.965	
NA	NA	Cer42:1(-H2C	C17Cer	854.195	937.28	
NA	NA	Cer42:2	C17Cer	7749.255	8750.33	
NA	NA	Cer42:2(-H2C	C17Cer	7084.975	7674.245	
NA	NA	Cer44:1	C17Cer	5.725	NA	

NA	NA	Cer44:1(-H2C	C17Cer	27.96	21.59	
NA	NA	Cer44:2	C17Cer	47.885	25.355	
NA	NA	Cer44:2(-H2C	C17Cer	256.505	230.045	
NA	NA	CerP32:1	C17Cer	158.735	54.615	
NA	NA	CerP34:1(-H2	C17Cer	30.65	22.435	
NA	NA	CerP36:1	C17Cer	1270.235	1578.855	
NA	NA	CerP36:1(-H2	C17Cer	172.13	195.73	
NA	NA	CerP38:1	C17Cer	28.09	33.91	
NA	NA	CerP38:1(-H2	C17Cer	33.93	36.175	
NA	NA	CerP42:1(-H2	C17Cer	4.715	3.415	
25.21	11.68	DHCer28:1(-H	C17Cer	25.705	15.525	
5.02	5.425	DHCer30:1	C17Cer	3.81	NA	
6.185	1.115	DHCer32:1	C17Cer	NA	NA	
43.39	22.71	DHCer34:0(-H	C17Cer	32.12	18.51	
1.9	2.73	DHCer36:0	C17Cer	NA	NA	
12.275	7.185	DHCer36:0(-H	C17Cer	17.58	8.16	
7.575	5.775	DHCer38:1(-H	C17Cer	9.13	5.79	
37.51	35.98	DHCer40:0(-H	C17Cer	71.045	76.625	
53.2	43.985	DHCer40:1(-H	C17Cer	56.83	36.945	
49.53	48.325	DHCer42:0(-H	C17Cer	119.785	85.635	
20.695	22.25	DHCer42:1	C17Cer	49.52	30.505	
350.995	320.135	DHCer42:1(-H	C17Cer	853.355	865.49	
13.235	12.025	DHCer44:1(-H	C17Cer	37.14	29.5	
4000	4000	DLPC	DLPC	4000	4000	
241.315	525.705	GlcCer28:1	NA	NA	NA	
6.165	4.455	GlcCer28:1(-H	C8GC	5.015	6.49	
0.77	1.745	GlcCer28:2(-H	C8GC	1.125	0.77	
10.805	6.98	GlcCer30:1(-H	C8GC	9.145	8.67	
6.1	4.82	GlcCer30:2(-H	C8GC	7.97	5.02	
23.075	19.09	GlcCer32:1(-H	C8GC	13.68	10.785	
4.795	4.23	GlcCer32:2(-H	C8GC	5.295	5.76	
117.01	112.745	GlcCer34:1(-H	C8GC	82.955	86.745	
1.49	1.595	GlcCer34:2(-H	C8GC	1.5	0.52	
16.765	16.4	GlcCer36:1(-H	C8GC	15.23	18.51	
2.67	2.535	GlcCer36:2(-H	C8GC	1.9	3.06	
8.97	10.55	GlcCer38:1(-H	C8GC	6.54	9.885	
6.595	7.705	GlcCer38:2(-H	C8GC	5.535	5.9	
92.285	72.84	GlcCer40:1(-H	C8GC	59.745	113.165	
105.37	94.215	GlcCer40:2(-H	C8GC	62.995	92.015	
110.465	136.39	GlcCer42:1(-H	C8GC	118.09	185.53	
601.62	826.92	GlcCer42:2(-H	C8GC	697.9	1092.68	
17.58	23.045	GlcCer44:2(-H	C8GC	27.075	33.07	
1.51	2.615	GlcDHCer28:(	C8GC	3.28	2.445	
1.17	1.075	GlcDHCer36:(	C8GC	1.86	0.47	
1.115	0.61	GlcDHCer38:(	C8GC	0.86	0.165	
2.48	2.74	GlcDHCer40:(	C8GC	1.185	0.305	

3.19	2.81	GlcDHCer40::	C8GC	1.73	1.5	
1.47	1.45	GlcDHCer42:(	C8GC	2.835	3.275	
9.58	10.785	GlcDHCer42::	C8GC	11.34	13.42	
2.34	3.635	LysoPC14:0	DLPC	26.635	27.245	
0.56	0.87	LysoPC14:1	DLPC	1.315	1.32	
0.26	0.19	LysoPC14:2	DLPC	0.39	0.395	
63.24	61.36	LysoPC16:0	DLPC	1369.03	1197.645	
14.45	15.58	LysoPC16:1	DLPC	151.525	151.705	
0.42	0.605	LysoPC16:2	DLPC	1.86	2.02	
7.61	8.88	LysoPC18:0	DLPC	113.65	99.39	
69.05	71.355	LysoPC18:1	DLPC	1293.875	1197.365	
1.12	1.075	LysoPC18:2	DLPC	11.695	9.87	
0.66	1.145	LysoPC20:0	DLPC	3.875	2.935	
5.91	5.25	LysoPC20:1	DLPC	88.695	68.61	
1.95	1.77	LysoPC20:2	DLPC	9.21	7.71	
0.85	1.96	LysoPC22:0	DLPC	2.255	1.52	
1.44	0.88	LysoPC22:1	DLPC	4.77	4.16	
0.7	1.105	LysoPC22:2	DLPC	2.605	1.615	
4.84	9.91	LysoPE14:0	PE31:1	38.965	32.165	
2.78	5.295	LysoPE14:1	PE31:1	5.795	3.64	
NA	0.71	LysoPE14:2	PE31:1	NA	NA	
66.36	85.155	LysoPE16:0	PE31:1	1355.685	1254.09	
46.81	52.59	LysoPE16:1	PE31:1	569.025	463.115	
1.26	1.84	LysoPE16:2	PE31:1	1.14	NA	
66.91	85.685	LysoPE18:0	PE31:1	1066.12	1012.665	
362.62	387.695	LysoPE18:1	PE31:1	4687.13	4495.33	
7.7	7.925	LysoPE18:2	PE31:1	117.015	96.53	
1.71	2.085	LysoPE20:0	PE31:1	12.88	8.455	
42.61	53.39	LysoPE20:1	PE31:1	277.42	244.465	
4.57	6.1	LysoPE20:2	PE31:1	25.99	20.465	
3.38	6.555	LysoPE22:0	PE31:1	6.31	8.915	
5.2	6.85	LysoPE22:1	PE31:1	41.32	35.405	
2.75	3.7	LysoPE22:2	PE31:1	14.34	11.82	
0.17	0.195	LysoPI14:0	PI31:1	NA	NA	
1.125	3.045	LysoPI14:1	PI31:1	6.05	3.48	
NA	NA	LysoPI14:2	PI31:1	0.4	NA	
15.17	13.23	LysoPI16:0	PI31:1	69.775	43.09	
26.54	26.88	LysoPI16:1	PI31:1	20.35	30.6	
NA	NA	LysoPI16:2	PI31:1	NA	NA	
84.025	70.165	LysoPI18:0	PI31:1	1857.06	1798.74	
165.475	138.205	LysoPI18:1	PI31:1	1494.85	1441.03	
1.205	5.895	LysoPI18:2	PI31:1	15.525	13.61	
0.4	1.59	LysoPI20:0	PI31:1	2.91	1.21	
7.945	7.53	LysoPI20:1	PI31:1	24.67	13.65	
15.78	20.25	LysoPI20:2	PI31:1	12.655	13.27	
2.725	7.39	LysoPI22:0	PI31:1	50.245	47.44	

1.465	1.265	LysoPI22:1	PI31:1	2.785	1.37
4.605	5.14	LysoPI22:2	PI31:1	4.76	1.95
NA	NA	LysoPS14:0	PS31:1	NA	NA
9.7	12.775	LysoPS14:1	PS31:1	49.09	55.93
NA	NA	LysoPS14:2	PS31:1	NA	NA
4.045	5.075	LysoPS16:0	PS31:1	24.81	32.16
1.315	1.72	LysoPS16:1	PS31:1	2.075	3.08
NA	NA	LysoPS16:2	PS31:1	NA	NA
15.545	11.2	LysoPS18:0	PS31:1	73.175	72.33
27.145	37.29	LysoPS18:1	PS31:1	52.465	64
0.06	NA	LysoPS18:2	PS31:1	NA	NA
NA	0.075	LysoPS20:0	PS31:1	NA	NA
0.41	0.98	LysoPS20:1	PS31:1	1.72	2.42
NA	NA	LysoPS20:2	PS31:1	NA	NA
0.095	0.255	LysoPS22:0	PS31:1	0.15	NA
1.015	0.46	LysoPS22:1	PS31:1	1.46	1.46
NA	NA	LysoPS22:2	PS31:1	NA	NA
649.2	623.14	PC(O-)30:0	DLPC	9904.45	8755.505
130.62	127.195	PC(O-)30:1	DLPC	2284.275	2311.87
12.53	11.795	PC(O-)30:2	DLPC	68.875	74.095
2.29	2.785	PC(O-)30:3	DLPC	8.08	7.15
0.55	0.86	PC(O-)30:4	DLPC	3.775	3.22
1.98	3.06	PC(O-)30:5	DLPC	9.315	8.84
84.38	86.015	PC(O-)30:6	DLPC	271.93	292.99
5258.01	4943.9	PC(O-)32:0	DLPC	51203.04	56735.235
3114.96	2709.215	PC(O-)32:1	DLPC	43965.06	50940.835
243.93	239.01	PC(O-)32:2	DLPC	5829.945	6710.365
8.84	8.485	PC(O-)32:3	DLPC	119.43	131.12
2.5	3.04	PC(O-)32:4	DLPC	20.585	23.04
14.95	15.72	PC(O-)32:5	DLPC	99.63	105.525
1372.12	1278.81	PC(O-)32:6	DLPC	3279.33	3408.22
4211.46	3618.425	PC(O-)34:0	DLPC	18599.99	18251.675
11314.25	10575.25	PC(O-)34:1	DLPC	145679.55	149526.27
1923.64	1818.395	PC(O-)34:2	DLPC	32005.48	33790.425
113.37	110.655	PC(O-)34:3	DLPC	3594.06	3472.96
7.26	6.275	PC(O-)34:4	DLPC	125.605	137.81
35.81	33.09	PC(O-)34:5	DLPC	229.135	245.97
618.79	554.19	PC(O-)36:0	DLPC	1485.605	1489.94
5545.43	4617.265	PC(O-)36:1	DLPC	12449.89	13622.39
4830.65	4447.635	PC(O-)36:2	DLPC	29602.515	32172
387.42	377.33	PC(O-)36:3	DLPC	8692.64	9043.625
97.44	87.38	PC(O-)36:4	DLPC	2718.35	3138.405
88.48	79.54	PC(O-)36:5	DLPC	2145.915	2471.01
322.14	287.995	PC(O-)36:6	DLPC	1248.82	1399.115
417.25	402.26	PC(O-)38:1	DLPC	1033.93	1048.635
883.86	828.72	PC(O-)38:2	DLPC	2974.325	2972.485

242.69	288.615	PC(O-)38:3	DLPC	1287.82	1070.08
123.84	122.64	PC(O-)38:4	DLPC	1495.99	1693.465
218.03	191.675	PC(O-)38:5	DLPC	6150.775	7118.01
220.15	190.41	PC(O-)38:6	DLPC	6885.07	7941.64
96.36	84.115	PC(O-)40:2	DLPC	374.67	277.65
76.36	76.87	PC(O-)40:3	DLPC	534.91	264.23
54.23	50.855	PC(O-)40:4	DLPC	325.475	235.52
78.89	68.7	PC(O-)40:5	DLPC	687.9	727.145
103.27	95.795	PC(O-)40:6	DLPC	2509.73	2758.67
22.19	16.28	PC(O-)42:1	DLPC	58.985	42.415
23.51	19.475	PC(O-)42:2	DLPC	82.665	57.97
31.61	33.125	PC(O-)42:3	DLPC	133.425	75.575
25.57	26.51	PC(O-)42:4	DLPC	180.635	67.185
23.01	19.95	PC(O-)42:5	DLPC	95.905	76.68
21.23	23.67	PC(O-)42:6	DLPC	134.74	120.325
4.18	4.3	PC(O-)44:1	DLPC	19.455	10.8
4.16	5.87	PC(O-)44:2	DLPC	26.555	18.525
12.07	23.755	PC(O-)44:3	DLPC	38.105	21.575
8.06	9.215	PC(O-)44:4	DLPC	46.87	26.85
10.69	11.125	PC(O-)44:5	DLPC	54.73	32.245
8.19	7.64	PC(O-)44:6	DLPC	53.575	23.24
1531.79	1779.2	PC28:0	DLPC	3284.04	3325.195
436.76	391.88	PC28:1	DLPC	504.64	486.65
9.29	9.48	PC28:2	DLPC	16.25	14.935
0.66	1.14	PC28:3	DLPC	2.1	1.66
0.84	1.02	PC28:4	DLPC	1.49	1.135
1.25	1.94	PC28:5	DLPC	1.04	0.915
9.37	14.825	PC28:6	DLPC	21.085	25.37
31675.24	29230.865	PC30:0	DLPC	53539.515	53920.91
9783.4	9413.68	PC30:1	DLPC	19786.095	20184.81
125.68	111.35	PC30:2	DLPC	323.13	357.72
5.84	5.445	PC30:3	DLPC	13.105	14.31
3.89	3.695	PC30:4	DLPC	6.435	5.48
3.31	7.275	PC30:5	DLPC	9.78	8.86
37.32	41.41	PC30:6	DLPC	505.085	451.74
80595.68	75424.43	PC32:0	DLPC	94607.79	93899.98
154233.86	139412.195	PC32:1	DLPC	224200.465	251178.12
20011.74	18863.775	PC32:2	DLPC	31860.645	34131.99
129.98	120.605	PC32:3	DLPC	285.01	307
7.67	8.275	PC32:4	DLPC	20.525	21.32
16.86	33.955	PC32:5	DLPC	55.565	58.685
290.49	288.955	PC32:6	DLPC	2587.54	2876.555
20810.75	16768.03	PC34:0	DLPC	25944.255	29140.44
320792.66	289375.77	PC34:1	DLPC	416212.77	448593.195
136891.92	133789.74	PC34:2	DLPC	210253.67	236200.515
3451.36	3173.095	PC34:3	DLPC	5088.155	5350.525

155.82	147.88	PC34:4	DLPC	294.955	315.56
56.31	64.39	PC34:5	DLPC	128.565	132.865
283.75	250.405	PC34:6	DLPC	890.24	881.93
1078.77	925.46	PC36:0	DLPC	4084.125	4472.05
28747.11	23032.645	PC36:1	DLPC	35146.415	36383.335
199847.56	175397.19	PC36:2	DLPC	281766.115	306102.575
12573.02	11430.665	PC36:3	DLPC	17087.365	17773.035
2921.56	2683.75	PC36:4	DLPC	3400.09	3588.84
1758.3	1623.135	PC36:5	DLPC	1732.645	2035.93
391	336.615	PC36:6	DLPC	543.55	601.84
137.74	117	PC38:0	DLPC	3502.64	3830.925
1134.09	910.875	PC38:1	DLPC	3489.72	3702.555
10802.97	9098.32	PC38:2	DLPC	16683.665	16049.24
2160.93	1876.165	PC38:3	DLPC	3064.34	2813.085
1426.41	1182.25	PC38:4	DLPC	2097.845	2120.8
5216.84	4140.755	PC38:5	DLPC	5963.65	6457.415
3648.89	3117.415	PC38:6	DLPC	4266.555	4606.04
22.45	21.76	PC40:0	DLPC	145.97	123.055
84.18	80.815	PC40:1	DLPC	185.565	170.785
361.87	305.79	PC40:2	DLPC	615.66	642.275
270.69	256.075	PC40:3	DLPC	464.8	428.785
104.23	90.825	PC40:4	DLPC	311.53	237.115
483.67	406.93	PC40:5	DLPC	869.35	911.395
1596.3	1408.765	PC40:6	DLPC	2727.61	2916.105
5.43	4.63	PC42:0	DLPC	24.49	15.07
23.1	17.53	PC42:1	DLPC	54.405	44.065
95.11	85.32	PC42:2	DLPC	182.745	183.5
73.1	59.575	PC42:3	DLPC	163.66	156.69
11.68	11.49	PC42:4	DLPC	78.035	69.505
32.63	26.565	PC42:5	DLPC	102.475	90.045
85.04	64.805	PC42:6	DLPC	198.455	154.805
0.82	1.13	PC44:0	DLPC	5.5	2.57
2.94	2.965	PC44:1	DLPC	8.89	6.74
22.81	16.685	PC44:2	DLPC	41.385	34.115
22.45	18.13	PC44:3	DLPC	49.465	41.205
4.39	3.845	PC44:4	DLPC	19.77	11.71
8.42	6.745	PC44:5	DLPC	40.625	17.415
8.49	9.04	PC44:6	DLPC	57.785	21.035
20.12	24.01	PE(O-)30:0	PE31:1	40.635	43.9
11.19	14.74	PE(O-)30:1	PE31:1	25.325	27.99
13.7	14.11	PE(O-)32:0	PE31:1	741.435	785.665
NA	1.525	PE(O-)32:2	PE31:1	57.145	62.5
185.46	162.025	PE(O-)32:5	PE31:1	3.36	5.69
1013.27	951.475	PE(O-)34:0	PE31:1	439.605	437.65
430.67	374.065	PE(O-)34:1	PE31:1	2328.975	2566.03
22.09	24.6	PE(O-)34:2	PE31:1	1022.965	1055.725

239.26	248.195	PE(O-)34:3	PE31:1	98.255	89.94
2.92	4.945	PE(O-)34:4	PE31:1	276.6	223.145
128.56	108.015	PE(O-)34:5	PE31:1	19.505	15.565
48.82	50.575	PE(O-)36:3	PE31:1	405.02	383.72
36.85	31.58	PE(O-)36:4	PE31:1	210.14	208.16
58.45	46.84	PE(O-)36:5	PE31:1	258.675	271.835
160.64	164.635	PE(O-)36:6	PE31:1	186.035	236.16
188.57	178.075	PE(O-)38:4	PE31:1	490.15	503.5
92.79	77.375	PE(O-)38:5	PE31:1	672.6	737.45
196.46	180.155	PE(O-)38:6	PE31:1	580.845	603.885
82.94	74.795	PE(O-)40:6	PE31:1	438.065	473.72
220.87	210.49	PE28:0	PE31:1	76.265	70.225
7.2	12.745	PE28:1	PE31:1	93.02	75.42
4.07	8.85	PE28:2	PE31:1	11.155	13.04
3.82	3.86	PE28:3	PE31:1	13.025	7.915
2.16	2.375	PE28:4	PE31:1	8.42	6.19
5.15	9.37	PE28:5	PE31:1	5.815	8.525
379.45	395.97	PE28:6	PE31:1	6.075	3.95
516.91	441.1	PE30:0	PE31:1	820.805	921.98
11.58	18.475	PE30:1	PE31:1	674.02	677.505
8.32	9.87	PE30:2	PE31:1	29.315	33.935
22.24	25.325	PE30:3	PE31:1	23.76	13.105
1.57	3.96	PE30:4	PE31:1	20.87	9.79
7.05	11.69	PE30:5	PE31:1	NA	1.24
1889.36	1743.315	PE30:6	PE31:1	9.795	8.565
13393.9	12008.655	PE32:0	PE31:1	3260.645	3527.145
4271.59	4195.42	PE32:1	PE31:1	17870.07	18421.32
32.59	33.745	PE32:2	PE31:1	4930.115	5043.86
20.3	23.89	PE32:3	PE31:1	76.425	66.095
3.06	7.195	PE32:4	PE31:1	36.125	30.415
13.16	11.135	PE32:5	PE31:1	4.825	3.8
2871.52	2326.33	PE32:6	PE31:1	23.385	20.13
46082.2	37266.625	PE34:0	PE31:1	3888.62	4705.355
58109.39	55027.57	PE34:1	PE31:1	54112.34	63774.32
1414.34	1226.245	PE34:2	PE31:1	61372.495	63086.02
420.59	383.66	PE34:3	PE31:1	1901.69	1913.5
134.74	127.47	PE34:4	PE31:1	650.43	562.775
13.19	12.965	PE34:5	PE31:1	184.35	182.855
1098.74	845.815	PE34:6	PE31:1	36.2	32.83
24385.38	19771.25	PE36:0	PE31:1	1638.59	1781.205
145619.71	121284.085	PE36:1	PE31:1	26163.62	30151.435
9287.78	7620.18	PE36:2	PE31:1	109725.75	126577.365
4398	3969.34	PE36:3	PE31:1	8892.16	9914.91
3632.19	3510.8	PE36:4	PE31:1	4681.315	4718.18
604.31	525.67	PE36:5	PE31:1	3670.675	3493.33
88.49	74.425	PE36:6	PE31:1	582.4	638.635

799.53	482.895	PE38:0	PE31:1	307.55	327.45
4559.59	3626.33	PE38:1	PE31:1	860.84	880.34
2133.54	1892.495	PE38:2	PE31:1	4329.55	4708.25
7463.66	6703.08	PE38:3	PE31:1	2395.5	2750.56
18371.87	17078.54	PE38:4	PE31:1	8959.655	10137.315
8737.3	7922.87	PE38:5	PE31:1	15151.37	17714.645
43.21	36.38	PE38:6	PE31:1	7193.625	8225.66
95.17	86.13	PE40:0	PE31:1	93.465	88.535
592.33	485.745	PE40:1	PE31:1	229.845	201.165
330.62	272.86	PE40:2	PE31:1	946.975	992.92
476.44	430.31	PE40:3	PE31:1	503.345	473.01
3575.18	3026.13	PE40:4	PE31:1	774.19	815.22
11669.4	9359.47	PE40:5	PE31:1	3316.96	3801.24
7.4	6.42	PE40:6	PE31:1	9900.825	11075.46
23.8	23.66	PE42:0	PE31:1	28.425	16.225
138.8	108.935	PE42:1	PE31:1	90.795	79.35
102.84	79.54	PE42:2	PE31:1	303.465	309.68
31.64	29.6	PE42:3	PE31:1	207.055	150.295
144.64	121.2	PE42:4	PE31:1	90.97	93
257.93	189.445	PE42:5	PE31:1	242.35	260.06
NA	1.92	PE42:6	PE31:1	274.115	339.735
5.54	5.41	PE44:0	PE31:1	13.065	4.4
20.96	21.06	PE44:1	PE31:1	11.12	9.65
25.47	17.805	PE44:2	PE31:1	46.09	39.025
5.53	6.615	PE44:3	PE31:1	30.835	33.78
32.19	28.53	PE44:4	PE31:1	27.285	23.64
38.33	44.705	PE44:5	PE31:1	111.725	76.67
5.15	6.73	PE44:6	PE31:1	103.585	77.3
93.615	76.76	PI(O-)30:0	PI31:1	13.155	37.47
25.465	28.37	PI(O-)30:1	PI31:1	210.27	317.1
1.03	1.035	PI(O-)30:2	PI31:1	75.825	86.46
5.38	14.235	PI(O-)30:3	PI31:1	4.885	4.28
12.82	17.365	PI(O-)30:5	PI31:1	7.225	6.74
57.68	63.1	PI(O-)30:6	PI31:1	34.62	39.18
2.2	2.635	PI(O-)32:0	PI31:1	486.68	448.88
4.015	4.175	PI(O-)32:2	PI31:1	175.915	173.81
13.1	13.89	PI(O-)32:3	PI31:1	6.345	8.26
18.095	14.22	PI(O-)32:4	PI31:1	6.06	3.48
60.79	46.43	PI(O-)32:5	PI31:1	11.345	8.47
4.325	2.03	PI(O-)32:6	PI31:1	19.67	17.28
22.94	26.21	PI(O-)34:2	PI31:1	206.81	191.39
472.39	480.79	PI(O-)34:5	PI31:1	4.24	2.23
317.57	352.14	PI(O-)34:6	PI31:1	15.82	22.13
15.755	17.2	PI(O-)36:0	PI31:1	427.045	453.03
0.775	0.56	PI(O-)36:1	PI31:1	1037.735	1340.78
2.165	2.07	PI(O-)36:2	PI31:1	980.245	1055.24

107.42	109.19	PI(O-)36:3	PI31:1	45.625	67.8
333.54	334.455	PI(O-)36:4	PI31:1	1.965	2.47
76.735	94.565	PI(O-)36:5	PI31:1	1.92	1.2
26.375	24.975	PI(O-)38:1	PI31:1	253.64	259.42
28.455	26.435	PI(O-)38:2	PI31:1	723.525	875.89
125.88	126.175	PI(O-)38:3	PI31:1	286.335	300.63
125.62	120.58	PI(O-)38:4	PI31:1	74.685	126.91
39.03	29.085	PI(O-)38:5	PI31:1	91.51	89.15
22.695	13.605	PI(O-)40:2	PI31:1	306.44	312.26
9.24	9.45	PI(O-)40:3	PI31:1	373.7	515.75
20.76	29.3	PI(O-)40:4	PI31:1	140.82	195.31
31.315	26.86	PI(O-)40:5	PI31:1	58.42	82.04
21.965	31.64	PI(O-)42:1	PI31:1	18.34	31.82
1.535	1.75	PI(O-)42:2	PI31:1	61.42	65.34
5.055	2.96	PI(O-)42:3	PI31:1	71.785	74.11
8.635	10.625	PI(O-)42:6	PI31:1	111.13	117.88
31.52	35.535	PI(O-)44:1	PI31:1	7.6	4.63
6.17	7.05	PI(O-)44:4	PI31:1	16.365	9.16
3.86	7.39	PI28:0	PI31:1	24.2	19.81
1.28	1.21	PI28:1	PI31:1	94.755	107.42
0.345	0.335	PI28:2	PI31:1	32.105	23.68
1.375	2.125	PI28:3	PI31:1	18.24	17.9
56.315	47.89	PI28:4	PI31:1	3.51	4.78
376.7	336.82	PI28:5	PI31:1	3.105	1.97
94.675	87.305	PI28:6	PI31:1	12.885	7.39
1.755	0.895	PI30:0	PI31:1	63.51	81.06
1.365	1.07	PI30:1	PI31:1	520.935	600.11
3.595	2.285	PI30:2	PI31:1	154.18	187.3
2.015	4.43	PI30:3	PI31:1	3.645	4.55
10000	10000	PI30:4	PI31:1	5.16	1.43
428.1	361.565	PI30:5	PI31:1	7.245	5.12
2528.695	2475.615	PI30:6	PI31:1	4.705	1
691.87	630.92	PI31:1	PI31:1	10000	10000
6.76	7.78	PI32:0	PI31:1	347.28	397.34
0.495	0.26	PI32:1	PI31:1	2827.02	2911.05
0.725	0.82	PI32:2	PI31:1	1077.425	1145.26
2.895	3.09	PI32:3	PI31:1	8.01	9.33
1491.1	1150.5	PI32:4	PI31:1	2.405	1.73
18525.675	18199.82	PI32:5	PI31:1	5.81	1.91
16676.88	15312.325	PI32:6	PI31:1	7.82	5.82
272.065	231.44	PI34:0	PI31:1	1261.23	1468.39
2.28	1.97	PI34:1	PI31:1	22760.6	26355.15
1.97	3.11	PI34:2	PI31:1	25075.295	26851.85
4.965	2.945	PI34:3	PI31:1	274.79	361.67
688.6	679.55	PI34:4	PI31:1	5.055	8.32
14991.19	13332.605	PI34:5	PI31:1	2.045	9.13

27833.955	27642.095	PI34:6	PI31:1	10.1	14.98
1816.53	1766.45	PI36:0	PI31:1	1504.42	2026.45
196.41	215.865	PI36:1	PI31:1	27681.25	35723.82
83.925	66.595	PI36:2	PI31:1	54570.775	67868.66
76.81	87.46	PI36:3	PI31:1	2981.355	3544.49
269.685	285.885	PI36:4	PI31:1	359.81	469.92
1157.995	1052.32	PI36:5	PI31:1	103.12	113.35
4642.475	4126.05	PI36:6	PI31:1	121.76	92.25
3594.885	3534.98	PI38:0	PI31:1	531.915	469.59
3859.25	4036.36	PI38:1	PI31:1	1773.415	2137.47
2952.47	2666.29	PI38:2	PI31:1	6192.055	8274.94
487.36	497.835	PI38:3	PI31:1	5853.175	7755.51
138.495	158.915	PI38:4	PI31:1	7508.84	9937.11
300.765	343.945	PI38:5	PI31:1	4558.04	6384.16
543.56	543.415	PI38:6	PI31:1	743.545	870.47
513.98	562.125	PI40:0	PI31:1	425.815	458.6
348.77	299.875	PI40:1	PI31:1	779.335	793.03
836.96	690.4	PI40:2	PI31:1	849.5	1171.56
831.515	733.415	PI40:3	PI31:1	863.39	1032.38
16.36	19.14	PI40:4	PI31:1	707.885	1131.8
41.335	44.305	PI40:5	PI31:1	1561.005	2073.58
136.42	168.79	PI40:6	PI31:1	1426.29	1954.72
248.035	259.145	PI42:0	PI31:1	61.295	41.71
42.46	53.085	PI42:1	PI31:1	105.12	120.26
11.57	13.53	PI42:2	PI31:1	310.17	366.45
6.305	8.895	PI42:3	PI31:1	593.69	588.64
10.39	9.435	PI42:4	PI31:1	125.365	123.1
11.425	15.29	PI42:5	PI31:1	26.075	11.96
16.355	28.225	PI42:6	PI31:1	30.05	18.6
28.575	30.5	PI44:0	PI31:1	32.31	35.2
30.055	34.15	PI44:1	PI31:1	35.65	21.29
35.055	26.18	PI44:2	PI31:1	36.735	28.49
17.17	20.31	PI44:3	PI31:1	63.39	74.96
2.445	4.215	PI44:4	PI31:1	57.525	85.4
0.545	0.205	PI44:5	PI31:1	61.075	123.38
NA	NA	PI44:6	PI31:1	44.725	59.68
0.46	0.11	PS(O-)30:0	PS31:1	22.325	27
2.115	3.165	PS(O-)30:1	PS31:1	2.35	1.62
76.875	64.94	PS(O-)30:2	PS31:1	NA	0.21
131.46	118.35	PS(O-)30:6	PS31:1	2.83	0.99
3.865	2.98	PS(O-)32:0	PS31:1	1787.48	1978.46
24.75	28.595	PS(O-)32:2	PS31:1	3.42	2.43
NA	NA	PS(O-)34:0	PS31:1	185.56	259.47
78.33	54.285	PS(O-)34:1	PS31:1	607.05	885.02
349.63	276.41	PS(O-)34:2	PS31:1	60.845	109.29
84.475	75.635	PS(O-)34:3	PS31:1	29.135	29.13

2.23	1.775	PS(O-)34:5	PS31:1	0.37	0.77
0.38	0.6	PS(O-)36:0	PS31:1	173.485	217.12
0.22	0.455	PS(O-)36:1	PS31:1	781.755	1128.47
17.28	19.62	PS(O-)36:2	PS31:1	280.195	361.05
132.22	104.67	PS(O-)36:3	PS31:1	11.085	29.73
76.155	62.595	PS(O-)36:4	PS31:1	5.055	6.77
6.245	4.035	PS(O-)36:5	PS31:1	5.725	4.07
2.54	4.88	PS(O-)38:0	PS31:1	96.97	138.77
1.59	1.635	PS(O-)38:1	PS31:1	236.225	374.63
12.025	10.635	PS(O-)38:2	PS31:1	160.635	208.31
22.225	19.835	PS(O-)38:3	PS31:1	14.175	19.96
43.32	43.94	PS(O-)38:4	PS31:1	14.15	18.17
7.36	5.48	PS(O-)38:5	PS31:1	23.055	25.95
6.995	4.035	PS(O-)38:6	PS31:1	35.81	50.76
17.465	10.785	PS(O-)40:1	PS31:1	23.295	37.21
0.05	NA	PS(O-)40:2	PS31:1	61.8	71.43
3.055	4.565	PS(O-)40:5	PS31:1	24.675	37.69
1.86	0.67	PS(O-)40:6	PS31:1	40.25	60.5
NA	0.395	PS(O-)42:2	PS31:1	27.27	31.15
NA	NA	PS(O-)44:6	PS31:1	0.445	0.56
NA	NA	PS28:0	PS31:1	5.29	3.02
NA	NA	PS28:1	PS31:1	1.14	1.71
0.205	0.4	PS28:2	PS31:1	0.46	0.28
89.5	90.855	PS28:3	PS31:1	NA	NA
14.82	19.165	PS28:4	PS31:1	NA	NA
NA	NA	PS28:5	PS31:1	NA	NA
NA	NA	PS28:6	PS31:1	0.85	0.61
NA	NA	PS30:0	PS31:1	171.415	193.41
NA	NA	PS30:1	PS31:1	24.48	23.32
0.315	0.54	PS30:2	PS31:1	0.18	0.23
33000	33000	PS30:3	PS31:1	NA	NA
907.59	951.145	PS30:4	PS31:1	NA	NA
1445.95	1315.35	PS30:5	PS31:1	NA	NA
19.065	14.8	PS30:6	PS31:1	1.7	2.22
0.705	0.15	PS31:1	PS31:1	33000	33000
0.095	0.1	PS32:0	PS31:1	1234.975	1610.9
NA	NA	PS32:1	PS31:1	1837.005	2654.85
17.965	18.35	PS32:2	PS31:1	33.225	39.93
1190.995	1106.74	PS32:3	PS31:1	1.28	0.88
11452.965	12183.56	PS32:4	PS31:1	NA	NA
1874.135	1842.005	PS32:5	PS31:1	NA	NA
24.06	33.31	PS32:6	PS31:1	23.835	31.56
18.065	14.415	PS34:0	PS31:1	1534.54	2262.55
0.385	NA	PS34:1	PS31:1	13371.675	18213.12
3.13	2.61	PS34:2	PS31:1	2626.085	3323.24
770.64	648.135	PS34:3	PS31:1	41.205	51.5

14522.195		11936.735	PS34:4	PS31:1	29.32	39.49
9790.38		8787.275	PS34:5	PS31:1	1.725	0.32
224.245		205.195	PS34:6	PS31:1	15.3	15.53
181.805		151.515	PS36:0	PS31:1	860.49	1243.03
32.51		30.145	PS36:1	PS31:1	15049.58	21170.27
3.375		5.815	PS36:2	PS31:1	10751.94	15712.16
31.92		26.53	PS36:3	PS31:1	273.585	391.38
508.435		423.335	PS36:4	PS31:1	185.845	208.62
1629.945		1388.815	PS36:5	PS31:1	46.385	67.03
317.035		252.28	PS36:6	PS31:1	16.3	23.82
335.17		293.43	PS38:0	PS31:1	70.06	118.14
313.115		315.41	PS38:1	PS31:1	602.06	767.5
106.83		90.935	PS38:2	PS31:1	1602.35	2143.92
9.595		7.075	PS38:3	PS31:1	286.595	398.22
180.055		120.16	PS38:4	PS31:1	328.815	439.42
780.23		702.18	PS38:5	PS31:1	252.42	320.34
138.205		132.7	PS38:6	PS31:1	98.72	121.94
156.71		139.115	PS40:0	PS31:1	16.35	23.38
1014.385		781.825	PS40:1	PS31:1	199.265	280.22
1095.47		922.05	PS40:2	PS31:1	748.025	1121.01
0.74		0.335	PS40:3	PS31:1	115.22	169.16
26.605		22.975	PS40:4	PS31:1	110.995	152.43
169.705		167.055	PS40:5	PS31:1	487.56	752.54
61.055		53.27	PS40:6	PS31:1	728.29	965.74
4.57		2.965	PS42:0	PS31:1	0.94	1.28
18.895		6.82	PS42:1	PS31:1	36.645	48.46
39.97		29	PS42:2	PS31:1	150.25	259.53
NA	NA		PS42:3	PS31:1	63.085	143.08
0.08	NA		PS42:4	PS31:1	6.855	19.04
3.46		2.635	PS42:5	PS31:1	17.66	33.53
1.495		0.845	PS42:6	PS31:1	27.35	55.28
0.275		0.26	PS44:0	PS31:1	0.165	NA
1.275		1.285	PS44:1	PS31:1	0.6	0.82
7.18		4.68	PS44:2	PS31:1	2.8	7.33
13.9		14.07	PS44:3	PS31:1	1.845	2.64
124.665		177.62	PS44:4	PS31:1	NA	0.37
12.585		11.95	PS44:5	PS31:1	0.455	0.6
15.71		24.715	PS44:6	PS31:1	3.08	4.84
12.205		14.625	SM32:0	C12SM	25.34	20.38
0.185		0.16	SM32:1	C12SM	643.755	530.785
1.485		1.34	SM32:2	C12SM	4.74	3.59
14.085		21.765	SM34:0	C12SM	395.25	429.36
5.365		7.9	SM34:1	C12SM	7968.115	7520.045
			SM34:2	C12SM	43.19	33.42
			SM36:0	C12SM	92.585	93.245
			SM36:1	C12SM	343.205	349.31

SM36:2	C12SM	32.815	24.975
SM38:1	C12SM	92.6	91.415
SM38:2	C12SM	27.605	23.67
SM38:3	C12SM	0.705	0.63
SM40:0	C12SM	40.14	53.895
SM40:1	C12SM	874.36	1189.4
SM40:2	C12SM	1494.59	1732.89
SM40:3	C12SM	21.045	29.75
SM42:0	C12SM	34.01	46.86
SM42:1	C12SM	2122.05	2588.35
SM42:2	C12SM	30688.865	38223.655
SM42:3	C12SM	1124.13	1309.47
SM44:0	C12SM	0.605	0.325
SM44:1	C12SM	2.99	4.29
SM44:2	C12SM	39.525	43.445
SM44:3	C12SM	13.78	15.635

ctrl_3	aAGPS_1	aAGPS_2	aAGPS_3
34250	34250	34250	34250
5000	5000	5000	5000
5000	5000	5000	5000
NA	NA	NA	NA
1000	1000	1000	1000
271.085	154.585	118.115	173.89
544.06	347.595	406.83	426.495
1758.505	880.52	814.375	1133.38
NA	NA	NA	NA
7.87	9.935	NA	8.7
4646.68	4174.085	4033.36	4506.345
5942.07	5077.74	4744.765	5633.3
26.595	20.38	13.395	29.655
NA	NA	NA	NA
957.22	617.265	540.13	690.595
381.85	288.805	299.49	343.195
246.21	203.8	129.88	221.205
65.825	63.485	48.86	64.21
10.655	6.45	5.445	8.575
2.55	5.36	6.265	7.525
2.59	1.135	NA	NA
31.78	11.73	25.065	19.595
NA	NA	NA	NA
113.055	50.76	37.77	39.73
1141.01	434.61	417.27	621.52
17.19	3.61	2.63	6.545
5930.975	3293.2	2716.605	3935.445
45.985	12.44	3.055	11.61
NA	NA	NA	NA
523.135	263.565	254.185	273.045
1574.805	769.72	668.865	877.09
405.485	216.51	179.76	209.42
NA	NA	NA	NA
73.275	44.39	72.69	58.46
127.22	69.38	53.045	99.355
86.69	18.88	28.575	37.895
27.025	55.135	49.915	66.99
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
830.09	494.74	433.83	492.855

NA	NA	NA	NA
515.945	196.705	163.2	238.83
81.01	20.785	23.13	33.145
137.955	46.345	42.625	60.93
49.615	9.665	NA	13.08
41.35	37.205	31.495	43.385
2.15	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
6.705	16.665	12.885	14.68
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	1.785
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
13.965	5.065	2.63	6.875
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
7.495	6.74	4.03	2.4
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
17.885	4.45	8.84	2.52
NA	NA	NA	NA
NA	NA	NA	NA

NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
5.715	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
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NA	NA	NA	NA
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NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	43.34	37.87	39.685
123.92	208.5	131.11	192.625
NA	10.55	2.96	9.105
512.23	344.15	250.15	610.855
838.77	1217.2	1001.51	1206.975
25.445	27.23	5.93	29.275
98.945	122.39	93.8	115.885
NA	6.71	10.57	9.055
NA	8.54	13.53	13.24
73.565	104.85	127.51	80.03
NA	16.44	11.71	27.315
180.865	185.7	127.07	253.04
462.33	536.56	507.43	577.67
543.21	1036.74	830.73	975.49
821.2	1748.7	1365.46	1399.8
420.58	652.59	521.49	778.275
1054.645	1111.22	959.42	1182.66
10740.575	11172	7076.21	15155.52
9108.635	11698.64	8720.41	10997.495
NA	3.97	NA	4.215

26.915	27.21	22.74	36.585
101.5	68.1	52.29	120.92
275.735	381.15	275.94	331.645
72.285	77.47	92.77	154.03
35.555	57.08	39.29	36.605
2885.395	2767.07	1872.98	4845.355
246.205	419.84	283.57	357.575
44.36	70.01	56.16	98.23
38.645	84.14	57.39	53.74
4.905	6.23	1.33	3.145
23.635	36.34	25.44	16.175
NA	4.07	9.35	3.295
NA	3.43	NA	NA
27.24	48.16	45.76	32.825
NA	6.21	NA	NA
12.21	15.21	14.18	10.905
8.4	11.09	4.88	6.93
82.185	85.04	68.87	80.29
59.935	117.94	80.82	88.525
120.65	125.3	104.74	120.715
48.195	42.42	47.54	58.34
923.66	1237.9	885.22	1131.735
31.075	40.88	22.77	32.665
4000	4000	4000	4000
NA	NA	NA	NA
5.09	5.1	5.13	6.39
0.35	0.91	1.71	0.73
15.195	14.615	12.14	17.06
10.8	11.2	10.94	8.985
17.71	17.105	22.64	27.345
6.515	4.95	7.37	9.145
129.16	112.685	111.06	149.6
3.09	1.25	1.41	2.065
18.395	12.235	22.03	22.785
5.05	3.255	2.45	3.59
10.45	6.845	8.23	10.69
7.18	8.42	9.6	11.67
126.01	70.615	83.03	95.335
123.125	120.365	105.78	175.98
208.885	119.17	116.09	156.825
1043.36	762.225	718.18	882.445
37.695	24.46	30.87	37.3
4.66	1.88	1.21	1.07
1.775	0.61	0.46	1.14
0.79	0.38	0.45	0.32
2.21	1	1.98	1.24

1.955	2.205	2.82	3.535
2.145	1.715	1.34	1.14
15.7	10.94	10.65	11.38
35.28	37.93	30.065	39.62
1.565	1.19	0.94	1.055
0.385	0.175	0.295	0.255
1061.335	1163.84	935	1231.745
175.7	250.595	209.18	301.825
2.54	1.75	1.785	2.13
108.365	78.325	58.27	70.545
1371.08	1580.31	1188.38	1528.58
11.22	15.575	10.865	15.51
3.595	1.55	1.32	1.955
76.575	50.765	36.03	49.045
8.66	6.575	5.95	7.615
2.475	0.79	1.185	1.07
4.425	2.95	2.565	3.44
1.99	2.115	1	1.61
43.38	37.54	31.015	35.975
6.89	16.545	5.205	1.535
NA	NA	NA	NA
1353.595	1290.16	1122.555	1267.705
639.78	669.935	626.44	647.19
1.85	NA	2.86	NA
1148.76	958.665	847.04	990.46
4833.535	4780.585	4777.57	5313.07
116.755	89.565	75.1	80.505
11.53	NA	5.02	4.36
293.93	117.555	110.06	132.485
24.59	18.99	14.075	17.035
11.51	12.98	12.865	10.375
41.07	21.295	21.74	26.48
10.385	4.525	3.565	4.02
NA	NA	NA	NA
2.77	1.795	2.765	2.61
NA	NA	NA	NA
67.815	88.35	40.2	42.235
30.02	36.725	30.09	34.315
NA	NA	NA	NA
2599.085	1746	1285.45	1382.345
1684.72	1431.73	1035.62	1420.82
12.895	15.67	5.15	12.955
2.45	4.465	NA	1.535
26.515	11.94	13.06	13.37
9.585	11.855	4.555	2.365
79.215	36.79	42.14	33.32

2.96	2.59	1.19	1.655
9.33	14.255	2.325	2.24
0.17	0.445	0.535	NA
62.69	27.58	25.18	27.895
NA	NA	NA	NA
23.74	77.77	38.925	64.195
2.81	8.155	8.415	7.95
NA	NA	NA	NA
78.625	92.27	77.94	101.965
83.26	121.065	96.115	133.565
0.24	0.17	0.48	NA
0.2	0.185	NA	NA
2.405	3.92	3.785	2.23
NA	0.16	NA	NA
NA	NA	NA	NA
0.87	2.94	6.63	1.84
NA	NA	NA	NA
12132.135	1217.53	928.645	1216.625
2926.94	290.9	216.685	288.785
94.73	28.305	23.19	29.275
9.11	5.055	3.615	4.45
3.915	0.975	0.66	0.965
11.405	3.35	3.025	3.065
357.39	205.54	154.855	209.775
51919.685	8746.675	5897.35	9603.635
52269.925	5968.25	4998.605	6782.505
6521.71	692.11	463.24	670.05
137.96	29.78	19.74	25.84
25.015	4.755	3.77	5.875
113.34	32.44	23.405	31.96
3625.245	2937.935	2055.865	3095.525
19352.035	6135.37	5002.96	6585.935
161227.18	22139.33	15520.455	22295.615
38055.235	5186.48	4145.15	5463.79
4204.22	274.635	199.43	303.8
152.095	16.83	12.6	18.26
279.505	67.59	48.125	62.67
1656.46	1130.615	877.185	1205.125
14629.515	8662.775	6490.23	8935.65
34814.025	10116.365	7477.19	9599.99
10256.935	790.83	628.1	774.98
3468.155	177.505	139.355	186.295
2944.81	216.89	176.875	207.94
1570.395	676.1	436.035	597.015
1215.89	925.04	625.47	812.445
3475.89	1798.6	1331.89	1972.03

1244.795	555.805	397.68	532.93
1835.89	293.365	210.09	307.47
8113.625	517.58	384.76	515.865
8432.7	650.04	488.615	723.22
313.925	219.66	156.955	228.67
330.49	179.235	113.63	156.9
261.87	169.72	123.72	171.525
855.935	229.81	176.995	247.695
3165.405	315.69	240.75	323.13
56.705	57.985	43.37	55.565
65.435	76.705	53.485	78.015
89.4	98.775	73.205	94
98.145	95.65	65.875	79.08
95.585	72.63	57.73	80.1
152.035	87.68	62.275	85.875
12.665	13.68	10.625	13.26
22.08	17.495	13.535	20.19
25.815	28.34	21.185	28.205
27.49	34.39	25.315	36.165
34.66	39.995	25.315	40.15
26.98	34.27	15.515	25.92
4313.72	4590.215	3310.955	4743.405
573.18	724.195	538.38	723.05
18.855	22.615	18.28	25.55
2.385	1.75	1.42	2.07
1.57	0.815	0.405	0.78
1.495	0.685	0.425	0.98
26.53	6.78	5.745	7.41
60582.465	68376.095	50210.77	67190.385
25014.71	31760.995	24792.255	32714.47
488.51	572.92	452.03	595.52
17.245	17.63	13.355	17.165
8.67	6.45	4.84	6.85
11.475	3.815	2.935	5.18
584.455	68.665	52.1	73.47
97290.21	150558.475	103995.645	155806.175
267247.735	348759.27	259410.02	370827.4
42143.805	73001.8	51653.235	78733.005
398.135	505.535	384.935	502.55
28.28	23.235	18.6	27.95
69.965	19.21	16.215	23.39
2545.74	481.165	340.78	581.605
31888.66	37657.48	24805.345	35490.2
490988.26	578117.82	412204.66	619279.855
262460.075	392642.505	297276.805	373009.765
6484.69	9367.54	7125.875	9388.98

393.93	588	435.18	570.295
155.9	141.93	125.96	158.39
972.425	559.695	392.095	553.15
5215.695	1853.565	1508.18	1996.715
41870.81	45145.68	33022.74	46691.73
333306.055	361254.17	271628.79	382738.225
19591.835	25216.935	18393.86	26328.8
4177.8	6151.275	4536.545	6447.575
2342.425	4686.7	3537.205	5193.565
685.95	1394.415	1095.77	1531.54
4477.4	393.95	302.78	425.665
4106.14	2204.93	1639.54	2081.535
17920.155	19619.8	14481.075	18120.405
3215.82	4166.22	2872.76	3440.965
2367.73	4250.515	3103.49	3556.87
7368.235	15400.645	11537.36	14083.475
5628.295	12602.89	8916.88	13292.06
152.005	70.365	47.925	68.355
179.095	173.47	117.705	175.705
603.185	651.125	446.87	660.275
445.86	491.935	329.63	428.685
262.705	338.99	220.88	315.785
953.15	1844.79	1131.035	1579.695
3055.825	6570.5	4497.49	6731.9
16.615	15.7	9.445	15.895
46.23	50.86	35.73	57.475
178.65	212.685	135.21	214.945
145.8	140.43	98.365	141.175
77.775	38.76	33.77	43.67
104.47	117.765	89.165	122.37
201.13	292.02	225.36	310.685
3.825	3.66	2.48	2.325
6.77	8.19	5.27	6.36
34.735	37.33	25.5	41.78
43.39	50.635	32.94	41.13
15.48	11.355	7.175	10.32
22.54	29.75	14.465	19.695
27.835	49.785	25.56	32.955
48.08	27.12	25.66	31.945
34.92	23.94	15.835	23.625
797.245	645.93	606.14	652.36
72.32	37.22	24.395	30.27
6.585	NA	1.435	NA
515.9	307.375	296.755	392.49
2855.515	1685.165	1737.79	2167.69
1236.26	887.04	887.14	1021.13

115.155	48.65	37.91	39.4
241.97	348.475	296.46	246.285
22.88	5.63	5.285	5.05
468.335	263.315	220.13	254.645
254.45	131.095	99.055	108.915
338.705	72.42	54.87	75.185
254.73	91.505	89.6	118.77
610.545	404.7	351.135	413.32
877.695	477.46	397.565	449.67
740.53	171.575	145.425	187.3
582.93	427.545	389.07	509.04
88.01	75.47	69.925	80.8
96.065	124.975	124.195	134.51
12.675	17.625	13.2	17.42
15.345	17.235	7.455	13.26
7.935	7.385	8.165	6.575
11.785	16.575	11.34	8.53
6.455	4.67	5.855	3.26
1148.905	919.72	770.37	904.875
946.175	1213.075	1013.565	1311.65
33.99	41.56	37.725	62.01
18.555	27.045	15.02	22.565
18	30.69	20.005	23.905
NA	NA	1.705	1.255
10.555	6.38	4.235	4.46
3705.73	4668.86	3801.71	4683.09
23462.68	27770.74	23317.905	29419.645
7051.4	12092.02	9939.68	13608.305
92.295	107.41	92.005	100.705
48.14	65.41	42.985	58.915
4.56	5.28	5.24	5.32
27.815	13.845	18.49	17.235
4979.82	4952.915	4089.27	5323.58
68482.11	79767.925	68191.75	79597.14
79340.805	124117.11	103755.32	127692.3
2281.53	3393.15	3082.205	3939.42
777.1	1236.135	854.25	1067.035
224.18	515.535	394.735	410.21
35.285	27.33	29.9	30.245
1981.945	1556.065	1329.075	1617.04
33321.335	32740.005	30532.79	35861.51
142083.345	199792.495	174424.845	245247.665
11211.93	16235.04	13646.62	17342.225
5542.41	8851.665	7868.865	9695.395
4458.09	9713.815	7360.735	9116.235
722.325	1718.14	1481.645	1795.1

415.29	187.17	163.195	203.715
1046.48	903.005	681.52	1049.325
5449.88	5653.485	5177.785	6657.895
2875.83	3089.24	2824.925	3536.95
11186.95	13491.27	11492.445	14873.925
19174.08	35726.72	29658.085	37471.26
9266.11	18895.975	16289.6	21366.36
86.78	89.03	93.925	94.665
226.965	202.815	171.56	216.66
1137.21	1016.575	791.255	1079.785
514.075	513.53	364.06	488.245
914.54	829.065	699.745	912.165
4126.955	4982.605	4446.805	5675.94
12192.61	17107.045	15850.65	19481.42
25.525	16.5	16.73	21.2
85.24	70.475	55.435	61.64
336.7	314.885	229.76	321.455
177.235	182.04	132.33	186.375
110.515	81.465	68	93.89
288.225	325.185	268.945	347.285
376.275	516.565	437.21	533.39
7.5	6.95	3.43	3.22
9.35	13.325	6.915	9.49
33.74	46.18	42.08	37.225
36.835	34.125	36.835	31.33
33.215	24.965	18	13.65
126.945	79.31	64.17	83.585
102.1	99.155	64.405	92.955
15.97	3.83	4.56	7.395
365.505	85.42	86.675	107.225
95.675	24.79	25.585	33.36
4.435	3.405	1.955	2.335
11.87	8.605	6.515	8.39
45.875	27.025	21.9	28.67
503.11	502.675	510.595	417.705
249.82	75.315	84.99	75.25
10.035	1.54	0.56	3.015
2.7	0.875	1.26	1.625
6.45	6.165	5.105	4.13
21.74	23.285	10.775	16.105
234.62	114.55	91.795	129.185
2.765	2.395	1.43	2.395
26.35	22.835	16.62	27.485
476.295	383.565	416.835	371.68
1398.76	1042.105	713.545	875.855
1214.42	813.285	606.42	660.89

53.575	31.82	34.98	35.525
3.07	2.73	1.22	1.485
0.535	4.015	0.92	1.38
410.33	227.165	194.42	198.91
1263.505	581.975	516.58	525.41
465.185	175.74	155.235	160.925
112.41	71.6	42.24	62.77
101.625	62.75	50.45	46.925
423.585	221.125	208.09	234.06
713.445	347.11	335.215	406.36
250.455	164.865	144.46	161.91
90.17	81.555	59.7	66.105
42.58	21.255	22.8	15.815
86.435	53.37	64.515	56.675
94.19	61.215	54.93	55.02
140.24	84.065	88.71	77.165
6.115	3.005	2.92	4.98
13.455	4.825	8.69	8.425
32.95	10.125	16.095	17.365
173.525	45.66	28.495	45.365
26.015	9.92	9.63	8.9
17.755	17.765	11.715	9.535
1.505	0.75	0.635	1.765
1.965	NA	0.3	0.325
9.635	0.85	1.6	0.83
71.755	73.17	47.925	69.91
633.945	457.525	413.88	452.1
220.14	147.705	146.715	142.445
8.13	1.91	NA	1.04
9.76	3.51	1.285	0.345
6.79	4.71	5.16	4.565
9.65	1.97	1.95	2.465
10000	10000	10000	10000
286.58	630.385	455.6	501.92
2969.39	4802.995	3889.56	4146.735
1277.175	1365.745	1242.54	1295.515
17.65	17.63	13.305	17.43
3.51	1.935	NA	NA
3.96	2.57	1.43	1.275
4.04	3.735	3.945	3.285
1427.965	2554.015	1988.245	1918.41
26380.945	39650.825	33151.035	31861.28
30337.035	40926.235	33582.66	35340.975
380.825	594.7	516.425	585.485
6.88	13.825	5.485	3.49
4.545	4.815	4.805	3.27

11.76	13.135	6.515	9.575
2580.83	1869.61	1420.64	1424.645
46532.695	33075.115	26608.11	29862.985
83599.35	57107.5	45879.575	53682.925
4514.095	3475.845	3070.765	3706.77
582.535	551.09	463.335	510.57
116.29	176.01	159.82	173.38
116.03	106.74	117.345	80.045
504.875	633.19	607.55	649.825
2601.58	2614.465	2098.57	2156.11
12237.29	7251.615	6955.24	6919.48
10821.455	7283.86	5889.085	6197.25
14149.145	10367.055	9226.895	10572.7
7906.495	8034.815	7798.85	8166.19
925.195	1677.14	1691.72	1665.265
556.03	397.98	352.08	332.575
1123.735	713.35	661.215	614.275
1261.975	1009.765	814.74	956.21
1390.135	1156.88	956.82	904.935
1515.13	1149.245	1011.485	1051.51
2864.615	3173.26	2657.025	2745.505
2505.04	3335.205	2675.18	3007.445
55.645	48.595	39.925	67.165
156.39	103.9	94.06	70.03
476.14	266.135	270.565	313.21
800.285	551.165	449.94	544.18
153.58	189.865	155	148.65
31.945	66.87	54.25	48.61
20.365	46.765	21.68	25.515
64.83	27.54	21.23	25.275
29.995	30.995	25.77	23.47
37.66	25.255	31.1	32.44
69.815	41.965	50.675	58.065
113.42	75.535	62.775	74.26
113.415	84.475	92.39	118.6
66.15	62.57	65.85	72.415
20.69	2.965	3.305	2.42
1.84	0.65	0.905	0.79
NA	NA	NA	NA
2.325	0.285	0.54	NA
1892.575	1663.625	1735.915	1657.05
3.86	1.83	0.98	2.79
272.7	170.055	117.505	152.72
1044.98	326.045	229.87	328.165
106.595	18.42	9.915	14.82
29.025	16.55	29.61	22.635

0.36	0.23	0.09	0.335
229.575	169.07	125.01	125.265
1397.56	688.605	581.83	666.33
521.345	220.535	167.46	190.245
30.025	4.035	3.5	5.75
12.86	0.86	0.9	1.62
6.35	0.785	0.66	0.36
171.12	80.745	66.24	74.34
444.15	310.36	206.24	247.475
260.895	185.955	111.06	179.93
21.255	17.68	14.755	11.755
29.175	6.115	4.975	7.79
33.075	2.695	4.1	3.31
67.07	20.625	14.68	16.54
53.535	38.375	30.335	30.735
149.55	73.79	52.82	72.085
39.835	13.755	13.565	16.305
58.09	13.3	8.845	12.945
37.235	28.895	20.77	28.62
0.815	0.435	0.12	NA
4.47	3.275	1.335	3.475
0.845	0.415	0.325	0.905
NA	0.135	0.155	0.695
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
1.065	NA	NA	NA
210.18	290.01	207.48	288.515
31.24	37.505	21.04	26.625
0.17	NA	0.08	0.15
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
0.965	NA	0.41	NA
33000	33000	33000	33000
1593.255	2997.58	2207.2	2898.95
3104.62	4137.24	3181.76	3955.09
40.395	64.285	58.78	70.375
1.235	1.08	2.335	1.765
0.15	NA	0.295	0.145
NA	NA	NA	NA
24.815	14.77	11.68	16.475
2909.075	3228.885	2282.275	2866.285
24004.945	29082.585	21791.54	27920.16
4438.875	5880.44	4748.075	6043.04
55.425	84.845	79.195	112.63

28.235	52.37	45.985	49.57
2.525	1.375	0.43	0.815
17.5	7.59	7.47	7.72
1846.64	1314.87	1072.035	1253.9
29498.875	23517.005	17929.14	21427.705
22180.35	19643.75	16213.305	18307.325
471.23	568.22	438.555	552.95
281.155	354.44	305.42	340.835
72.185	94.74	68.095	103.095
24.37	11.93	9.655	12.46
133.54	71.985	47.51	62.015
1103.73	837.73	572.645	751.94
2837.81	2615.385	2142.4	2548.205
446.06	502.295	385.59	498.15
460.92	514.99	441.78	565.075
385.555	638.575	475.46	687.575
151.94	262.025	191.25	243.73
31.545	14.615	11.42	14.675
344.65	273.575	184.675	258.73
1710.945	1329.99	835.16	1181.775
222.715	204.145	173.015	184.07
165.05	263.53	190.18	247.435
855.42	1423.53	1152.725	1405.355
1248	2018.905	1533.985	1768.105
2.325	2.375	0.845	1.74
49.98	45.66	24.435	31.95
285.665	271.385	185.035	226.37
123.22	87.595	83.715	66.165
16.3	10.32	10.295	14.965
26.375	39.09	23.525	30.195
41.81	89.265	57	74.425
0.125	NA	0.105	NA
0.99	0.32	0.51	NA
12.285	4.775	4.59	5.18
3.325	2.2	2.64	0.82
0.875	0.235	0.365	0.18
3.44	1.185	0.64	3.775
6.44	11.665	5.835	11.285
35.1	45.145	38.92	46.935
1006.59	1146.635	993.47	1102.08
7.05	5.3	4.22	6.29
523.09	445.445	495.52	635.18
9342.95	8362.76	8942.18	11121.85
54.73	47.275	38.95	54.625
188.33	27.37	33.29	46.41
510.405	268.12	255.48	365.28

43.185	41.79	41.04	49.575
151.95	63.645	62.53	111.55
44.185	42.085	41.74	45.28
0.785	0.905	0.49	0.875
64.165	36.425	37.05	41.915
1694.43	924.305	859.83	1116.33
2590.62	2644.42	2253.55	3151.23
37.785	39.5	30.06	45.01
58.44	28.915	23.29	32.76
3071.79	2237.535	1746.27	2590.22
43984.475	29277.965	28740.16	37715.165
1851.82	1399.71	1203.61	1758.49
1.14	0.55	0.23	0.35
7.15	4.8	1.81	5.34
66.74	67.31	50.23	69.085
30.555	24.84	17.12	23.88

LipidName	standard_ion	Hela_aSMase	Hela_aSMase	Hela_aSMase	Hela_nSMase	Hela_nSMase
C12SM	C12SM	34250	34250	34250	34250	34250
C17Cer	C17Cer	5000	5000	5000	5000	5000
C17Cer(-H2O	C17Cer	5000	5000	5000	5000	5000
C8GC	NA	NA	NA	NA	NA	NA
C8GC(-H2O)	C8GC	1000	1000	1000	1000	1000
CL68:3_C16:0	CL56:0	7.035	15.45	11.875	49.035	28.26
CL68:3_C16:1	CL56:0	18.49	34.835	12.62	61.745	35.82
CL68:3_C18:1	CL56:0	81.89	115.575	86.925	172.69	157.53
CL68:3_C18:2	CL56:0	NA	NA	NA	NA	NA
CL68:4_C16:0	CL56:0	NA	NA	NA	NA	NA
CL68:4_C16:1	CL56:0	266.105	338.635	284.295	343.52	301.355
CL68:4_C18:1	CL56:0	330.56	369.17	412.065	632.175	355.555
CL68:4_C18:2	CL56:0	NA	NA	NA	NA	0.395
CL68:5_C16:0	CL56:0	NA	NA	NA	NA	NA
CL68:5_C16:1	CL56:0	58.28	98.12	77.93	61.23	52.975
CL68:5_C18:1	CL56:0	23.175	50.955	24.54	44.02	27.155
CL68:5_C18:2	CL56:0	16.29	20.625	34.575	6.415	12.665
CL68:6_C16:1	CL56:0	3.365	NA	NA	NA	1.415
CL68:6_C18:2	CL56:0	NA	NA	NA	NA	NA
CL70:2_C16:0	CL56:0	NA	5.175	NA	59.63	7.04
CL70:2_C18:0	CL56:0	NA	NA	NA	NA	NA
CL70:2_C18:1	CL56:0	3.095	7.08	NA	28.57	11.74
CL70:2_C20:1	CL56:0	NA	NA	NA	NA	NA
CL70:3_C16:0	CL56:0	NA	NA	NA	17.975	10.43
CL70:3_C18:1	CL56:0	43.315	60.825	32.955	121.32	140.935
CL70:4_C16:0	CL56:0	NA	NA	NA	NA	NA
CL70:4_C18:1	CL56:0	264.75	420.28	354.015	590.745	504.31
CL70:4_C18:2	CL56:0	NA	1.19	NA	NA	1.12
CL70:5_C16:0	CL56:0	NA	NA	NA	NA	NA
CL70:5_C16:1	CL56:0	19.71	45.87	30.945	40.04	40.02
CL70:5_C18:1	CL56:0	119.5	151.08	122.065	136.69	122.2
CL70:5_C18:2	CL56:0	28.145	44.65	58.43	29.01	33.45
CL70:6_C16:0	CL56:0	NA	NA	NA	NA	NA
CL70:6_C16:1	CL56:0	NA	2.015	4.185	NA	1.625
CL70:6_C18:1	CL56:0	6.345	8.995	10.7	4.36	5.985
CL70:6_C18:2	CL56:0	3.995	NA	NA	NA	2.08
CL70:7_C16:1	CL56:0	NA	NA	NA	NA	NA
CL70:7_C18:2	CL56:0	NA	NA	NA	NA	NA
CL72:10_C16	CL56:0	NA	NA	NA	NA	NA
CL72:10_C20	CL56:0	NA	NA	NA	NA	NA
CL72:11_C16	CL56:0	NA	NA	NA	NA	NA
CL72:11_C18	CL56:0	NA	NA	NA	NA	NA
CL72:11_C20	CL56:0	NA	NA	NA	NA	NA
CL72:11_C22	CL56:0	NA	NA	NA	NA	NA
CL72:4_C18:1	CL56:0	31.505	53.935	44.87	137.22	79.21

CL72:5_C18:0	CL56:0	NA	NA	NA	NA	NA	
CL72:5_C18:1	CL56:0	34.86	59.04	50.725	50.785	43.38	
CL72:5_C18:2	CL56:0	4.05	2.725	5.365	NA	1.365	
CL72:6_C18:1	CL56:0	9.36	3.375	7.565	16.775	11.555	
CL72:6_C18:2	CL56:0	NA	NA	NA	NA	0.875	
CL72:7_C18:1	CL56:0	NA	NA	NA	NA	NA	
CL72:7_C18:2	CL56:0	NA	NA	NA	NA	NA	
CL72:8_C18:2	CL56:0	NA	NA	NA	NA	NA	
CL72:9_C16:0	CL56:0	NA	NA	NA	NA	NA	
CL72:9_C16:1	CL56:0	NA	NA	NA	NA	NA	
CL72:9_C18:2	CL56:0	NA	NA	NA	NA	NA	
CL72:9_C18:3	CL56:0	NA	NA	NA	NA	NA	
CL72:9_C20:4	CL56:0	NA	NA	NA	NA	NA	
CL74:10_C16	CL56:0	NA	NA	NA	NA	NA	
CL74:10_C16	CL56:0	NA	NA	NA	NA	NA	
CL74:10_C18	CL56:0	NA	NA	NA	NA	NA	
CL74:10_C18	CL56:0	NA	NA	NA	NA	NA	
CL74:10_C20	CL56:0	NA	NA	NA	NA	NA	
CL74:10_C20	CL56:0	NA	NA	NA	NA	NA	
CL74:10_C22	CL56:0	NA	NA	NA	NA	NA	
CL74:5_C18:1	CL56:0	NA	NA	NA	NA	NA	
CL74:5_C18:2	CL56:0	NA	NA	NA	NA	NA	
CL74:5_C20:1	CL56:0	NA	NA	NA	NA	NA	
CL74:6_C18:1	CL56:0	NA	NA	NA	NA	NA	
CL74:6_C18:2	CL56:0	NA	NA	NA	NA	NA	
CL74:6_C20:1	CL56:0	NA	NA	NA	NA	NA	
CL74:6_C20:2	CL56:0	NA	NA	NA	NA	NA	
CL74:7_C18:1	CL56:0	NA	NA	NA	NA	NA	
CL74:7_C18:2	CL56:0	NA	NA	NA	NA	NA	
CL74:7_C20:1	CL56:0	NA	NA	NA	NA	NA	
CL74:7_C20:2	CL56:0	NA	NA	NA	NA	NA	
CL74:8_C18:2	CL56:0	NA	NA	NA	NA	NA	
CL74:8_C20:2	CL56:0	NA	NA	NA	NA	NA	
CL74:9_C18:1	CL56:0	NA	NA	NA	NA	NA	
CL74:9_C18:2	CL56:0	NA	NA	NA	NA	NA	
CL74:9_C20:3	CL56:0	NA	NA	NA	NA	NA	
CL74:9_C20:4	CL56:0	NA	NA	NA	NA	NA	
CL76:10_C18	CL56:0	NA	NA	NA	NA	NA	
CL76:10_C18	CL56:0	NA	NA	NA	NA	NA	
CL76:10_C20	CL56:0	NA	NA	NA	NA	NA	
CL76:10_C20	CL56:0	NA	NA	NA	NA	NA	
CL76:10_C22	CL56:0	NA	NA	NA	NA	NA	
CL76:10_C22	CL56:0	NA	NA	NA	NA	NA	
CL76:11_C18	CL56:0	NA	NA	NA	NA	NA	
CL76:11_C18	CL56:0	NA	NA	NA	NA	NA	
CL76:11_C22	CL56:0	NA	NA	NA	NA	NA	

CL76:11_C22:	CL56:0	NA	NA	NA	NA	NA
CL76:12_C18:	CL56:0	NA	NA	NA	NA	NA
CL76:12_C22:	CL56:0	NA	NA	NA	NA	NA
CL76:9_C18:0	CL56:0	NA	NA	NA	NA	NA
CL76:9_C18:1	CL56:0	NA	NA	NA	NA	NA
CL76:9_C18:2	CL56:0	NA	NA	NA	NA	NA
CL76:9_C20:1	CL56:0	NA	NA	NA	NA	NA
CL76:9_C20:4	CL56:0	NA	NA	NA	NA	NA
CL76:9_C22:6	CL56:0	NA	NA	NA	NA	NA
CL78:12_C18:	CL56:0	NA	NA	NA	NA	NA
CL78:12_C18:	CL56:0	NA	NA	NA	NA	NA
CL78:12_C20:	CL56:0	NA	NA	NA	NA	NA
CL78:12_C20:	CL56:0	NA	NA	NA	NA	NA
CL78:12_C22:	CL56:0	NA	NA	NA	NA	NA
CL78:13_C18:	CL56:0	NA	NA	NA	NA	NA
CL78:13_C20:	CL56:0	NA	NA	NA	NA	NA
CL78:13_C22:	CL56:0	NA	NA	NA	NA	NA
CL78:14_C18:	CL56:0	NA	NA	NA	NA	NA
CL78:14_C20:	CL56:0	NA	NA	NA	NA	NA
CL78:14_C22:	CL56:0	NA	NA	NA	NA	NA
CL78:15_C18:	CL56:0	NA	NA	NA	NA	NA
CL78:15_C18:	CL56:0	NA	NA	NA	NA	NA
CL78:15_C20:	CL56:0	NA	NA	NA	NA	NA
CL78:15_C22:	CL56:0	NA	NA	NA	NA	NA
CL80:14_C18:	CL56:0	NA	NA	NA	NA	NA
CL80:14_C22:	CL56:0	NA	NA	NA	NA	NA
Cer32:1	C17Cer	1.45	4.325	0.595	6.5	8.56
Cer32:1(-H2C	C17Cer	18.1	17.155	10.585	53.375	50.58
Cer32:2	C17Cer	1.275	NA	0.33	2.43	NA
Cer34:1	C17Cer	22.815	31.76	15.435	61.13	38.205
Cer34:1(-H2C	C17Cer	66.705	101.74	87.775	209.845	190.81
Cer36:1	C17Cer	2.785	3.26	2.47	5.745	1.725
Cer36:1(-H2C	C17Cer	26.575	34.995	33.345	35.115	34.315
Cer36:2	C17Cer	3.67	5.045	1.9	3.5	1.035
Cer38:1	C17Cer	NA	2.165	0.435	2.885	1.48
Cer38:1(-H2C	C17Cer	14.335	20.51	19.62	16.12	11.735
Cer38:2	C17Cer	1.915	1.56	0.855	2.67	2.23
Cer40:1	C17Cer	16.105	41.14	16.915	27.255	10.685
Cer40:1(-H2C	C17Cer	111.67	137.35	182.475	121.24	93.125
Cer40:2	C17Cer	55.2	100.535	96.265	160.735	78.405
Cer40:2(-H2C	C17Cer	101.14	137.925	122.77	247.675	199.365
Cer42:1	C17Cer	41.685	99.575	48.4	47.525	29.07
Cer42:1(-H2C	C17Cer	244.12	247.735	293.36	145.14	119.4
Cer42:2	C17Cer	693.56	1092.92	593.94	1170.945	573.06
Cer42:2(-H2C	C17Cer	1020.975	1225.355	1469.88	1713.535	1248.915
Cer44:1	C17Cer	NA	1.53	0.46	NA	NA

Cer44:1(-H2C	C17Cer	5.88	12.27	7.26	7.11	5.15
Cer44:2	C17Cer	4.095	12.21	2.945	12.555	4.57
Cer44:2(-H2C	C17Cer	26.08	30.755	34.42	40.085	23.7
CerP32:1	C17Cer	8.43	10.75	3.375	7.725	5.185
CerP34:1(-H2	C17Cer	6.345	5.605	5.025	5.895	4.135
CerP36:1	C17Cer	106.16	207.345	113.65	215.18	132.525
CerP36:1(-H2	C17Cer	32.9	39.43	39.485	63.485	40.955
CerP38:1	C17Cer	2.89	7.995	1.595	2.955	2.39
CerP38:1(-H2	C17Cer	4.465	5.18	4.67	6.525	4.66
CerP42:1(-H2	C17Cer	0.57	1.575	1.38	0.86	0.9
DHCer28:1(-H	C17Cer	9.265	8.065	4.565	5.46	5.39
DHCer30:1	C17Cer	1.565	NA	0.225	1.14	NA
DHCer32:1	C17Cer	0.74	2.64	0.575	0.78	NA
DHCer34:0(-H	C17Cer	5.07	5.51	1.68	3.975	3.5
DHCer36:0	C17Cer	14.275	27.685	4.875	9.62	7.35
DHCer36:0(-H	C17Cer	2.42	3.155	1.915	1.93	1.31
DHCer38:1(-H	C17Cer	1.67	2.47	0.85	0.875	0.785
DHCer40:0(-H	C17Cer	7.565	10.585	4.715	5.245	3.49
DHCer40:1(-H	C17Cer	7.92	6.96	5.415	8.045	7.245
DHCer42:0(-H	C17Cer	13.01	17.435	7.64	5.47	4.73
DHCer42:1	C17Cer	11.2	11.17	3.015	8.645	3.32
DHCer42:1(-H	C17Cer	35.99	32.295	21.715	35.095	32.64
DHCer44:1(-H	C17Cer	2.97	3.09	1.845	2.605	1.445
DLPC	DLPC	4000	4000	4000	4000	4000
GlcCer28:1	NA	NA	NA	NA	NA	NA
GlcCer28:1(-H	C8GC	5.61	3.595	5.235	7.12	4.27
GlcCer28:2(-H	C8GC	1.235	1.69	0.45	1.665	1.12
GlcCer30:1(-H	C8GC	4.635	4.695	10.33	13.465	9.935
GlcCer30:2(-H	C8GC	3.62	3.775	5.91	6.01	5.385
GlcCer32:1(-H	C8GC	8.985	10.78	18.66	42.405	32.29
GlcCer32:2(-H	C8GC	4.085	4.975	7.305	8.28	3.805
GlcCer34:1(-H	C8GC	44.89	73.57	112.95	211.095	161.215
GlcCer34:2(-H	C8GC	0.965	1.35	0.775	1.965	1.3
GlcCer36:1(-H	C8GC	21.34	24.65	50.9	40.095	34.46
GlcCer36:2(-H	C8GC	2.05	1.89	6.565	7.42	5.805
GlcCer38:1(-H	C8GC	9.6	16.595	31.99	22.175	16.045
GlcCer38:2(-H	C8GC	5.275	5.815	10.01	18.99	14.655
GlcCer40:1(-H	C8GC	115.735	137.53	311.9	151.5	133.16
GlcCer40:2(-H	C8GC	72.75	102.81	169.84	234.805	225.57
GlcCer42:1(-H	C8GC	128.18	153.57	253.845	160.735	131.39
GlcCer42:2(-H	C8GC	530.61	640.87	872.605	1140.15	1017.605
GlcCer44:2(-H	C8GC	10.495	13.055	15.765	19.825	16.575
GlcDHCer28:(	C8GC	3.585	5.785	1.305	6.69	1.575
GlcDHCer36:(	C8GC	0.65	1.09	0.66	1.3	0.72
GlcDHCer38:(	C8GC	0.555	0.875	0.715	0.58	0.205
GlcDHCer40:(	C8GC	2.18	1.73	2.745	1.735	1.54

GlcDHCer40:1	C8GC	2.435	2.995	3.97	3.42	4.62
GlcDHCer42:0	C8GC	1.55	2.705	5.42	4.35	1.35
GlcDHCer42:1	C8GC	7.69	10.62	13.045	17.675	12.095
LysoPC14:0	DLPC	2.08	3.17	2.41	2.57	3.04
LysoPC14:1	DLPC	0.24	0.13	0.43	0.24	0.19
LysoPC14:2	DLPC	0.05	0.16	0.07	0.045	NA
LysoPC16:0	DLPC	27.185	36.13	26.74	27.975	24.545
LysoPC16:1	DLPC	6.175	9.4	7.09	11.485	12.095
LysoPC16:2	DLPC	0.3	0.56	0.45	0.44	0.28
LysoPC18:0	DLPC	11.99	20.67	12.42	11.695	9.05
LysoPC18:1	DLPC	25.73	36.34	28.8	25.45	24.365
LysoPC18:2	DLPC	0.44	0.75	0.56	0.535	0.54
LysoPC20:0	DLPC	1.06	1.54	1.23	1.22	0.805
LysoPC20:1	DLPC	8.025	15.73	7.96	7.185	5.84
LysoPC20:2	DLPC	1.615	2.38	1.44	1.665	1.44
LysoPC22:0	DLPC	1.52	2.72	1.5	1.04	1.055
LysoPC22:1	DLPC	0.73	0.66	0.7	0.68	0.44
LysoPC22:2	DLPC	0.44	0.58	0.43	0.39	0.51
LysoPE14:0	PE31:1	3.555	7.46	3.505	6.675	5.125
LysoPE14:1	PE31:1	3.27	4.16	7.325	2.88	1.7
LysoPE14:2	PE31:1	NA	NA	NA	NA	NA
LysoPE16:0	PE31:1	43.115	74.54	52.9	74.45	68.14
LysoPE16:1	PE31:1	20.335	42.77	30.895	65.08	54.96
LysoPE16:2	PE31:1	NA	NA	NA	NA	NA
LysoPE18:0	PE31:1	23.005	37.85	35.745	53.32	26.11
LysoPE18:1	PE31:1	141.455	324.07	220.84	265.705	183.725
LysoPE18:2	PE31:1	3.11	6.82	5.455	7.23	4.59
LysoPE20:0	PE31:1	NA	1.58	NA	1.055	NA
LysoPE20:1	PE31:1	37.04	66.07	50.165	86.81	39.345
LysoPE20:2	PE31:1	3.165	3.67	0.785	3.84	3.44
LysoPE22:0	PE31:1	NA	1	NA	NA	NA
LysoPE22:1	PE31:1	1.24	3.06	2.19	2.54	2.575
LysoPE22:2	PE31:1	0.625	2.71	2.295	1.44	1.71
LysoPI14:0	PI31:1	NA	NA	NA	NA	NA
LysoPI14:1	PI31:1	NA	0.24	1.77	1.48	0.175
LysoPI14:2	PI31:1	NA	NA	NA	NA	NA
LysoPI16:0	PI31:1	NA	1.245	2.36	3.315	1.575
LysoPI16:1	PI31:1	2.55	3.81	9.475	2.62	0.99
LysoPI16:2	PI31:1	NA	NA	NA	NA	NA
LysoPI18:0	PI31:1	49.175	78.37	91.595	82.92	55.795
LysoPI18:1	PI31:1	60.325	53.085	80.08	75.055	39.26
LysoPI18:2	PI31:1	0.35	0.17	0.59	0.585	0.525
LysoPI20:0	PI31:1	0.36	NA	1.075	NA	NA
LysoPI20:1	PI31:1	0.315	0.93	1.015	0.76	1.78
LysoPI20:2	PI31:1	2.23	1.615	1	0.5	1.455
LysoPI22:0	PI31:1	0.805	0.805	3.6	0.885	0.75

LysoPI22:1	PI31:1	NA	0.68	0.62	1.115	0.24
LysoPI22:2	PI31:1	NA	0.2	1.825	0.8	0.125
LysoPS14:0	PS31:1	NA	NA	NA	NA	NA
LysoPS14:1	PS31:1	7.935	4.845	10.04	9.59	8.71
LysoPS14:2	PS31:1	NA	NA	NA	0.1	NA
LysoPS16:0	PS31:1	0.105	0.6	0.52	2.075	0.975
LysoPS16:1	PS31:1	0.36	0.26	1.01	1.91	0.155
LysoPS16:2	PS31:1	NA	NA	NA	NA	NA
LysoPS18:0	PS31:1	1.985	3.605	4.01	2.345	2.655
LysoPS18:1	PS31:1	5.09	11.255	11.315	10.825	8.195
LysoPS18:2	PS31:1	NA	NA	NA	NA	NA
LysoPS20:0	PS31:1	NA	NA	NA	NA	NA
LysoPS20:1	PS31:1	0.105	NA	0.1	0.11	0.09
LysoPS20:2	PS31:1	NA	NA	NA	NA	NA
LysoPS22:0	PS31:1	NA	NA	NA	NA	NA
LysoPS22:1	PS31:1	NA	0.06	NA	NA	0.1
LysoPS22:2	PS31:1	NA	NA	NA	NA	NA
PC(O-)30:0	DLPC	1075.23	1486.8	1071.66	1931.435	1978.23
PC(O-)30:1	DLPC	362.255	467.15	394.07	517.245	489.79
PC(O-)30:2	DLPC	18.715	22.12	21.03	24.23	24.17
PC(O-)30:3	DLPC	1.82	3.1	1.99	2.565	2.495
PC(O-)30:4	DLPC	1.35	1.69	1.57	1.225	1.135
PC(O-)30:5	DLPC	2.925	5.17	3.35	3.905	3.685
PC(O-)30:6	DLPC	81.6	118.91	81.58	131.98	133.195
PC(O-)32:0	DLPC	3967.89	5037.33	4002.05	6918.975	7569.67
PC(O-)32:1	DLPC	4918.305	6836.43	5064.55	7783.565	7950.44
PC(O-)32:2	DLPC	589.69	794.69	666.37	805.93	837.595
PC(O-)32:3	DLPC	16.47	21.65	17.61	17.865	18.74
PC(O-)32:4	DLPC	11.255	16.07	14.74	7.1	7.405
PC(O-)32:5	DLPC	19.49	26.2	21.55	20.84	23.775
PC(O-)32:6	DLPC	587.345	807.46	618.17	947.985	1024.05
PC(O-)34:0	DLPC	1487.535	2041.44	1358.95	1640.545	1622.995
PC(O-)34:1	DLPC	12402.545	18347.87	11192.49	16561.19	15974.34
PC(O-)34:2	DLPC	2713.645	3891.78	2523.15	4165.925	4614.475
PC(O-)34:3	DLPC	235.18	332.97	217.67	302.89	322.245
PC(O-)34:4	DLPC	13.445	19.72	12.49	14.635	14.545
PC(O-)34:5	DLPC	41.545	57.9	36.42	44.135	47.125
PC(O-)36:0	DLPC	141.74	189.51	102.62	141.725	140.98
PC(O-)36:1	DLPC	877.915	1185.97	800.41	805.91	790.44
PC(O-)36:2	DLPC	2402.485	3331.85	2257.15	2560.635	2490.51
PC(O-)36:3	DLPC	618.76	794.51	607.27	543.105	558.16
PC(O-)36:4	DLPC	345.885	479.73	349.05	227.72	232.27
PC(O-)36:5	DLPC	273.25	379.42	271.51	165.28	161.34
PC(O-)36:6	DLPC	143.9	186.67	122.19	125.795	116.545
PC(O-)38:1	DLPC	100.68	124.03	68.56	84.845	94.87
PC(O-)38:2	DLPC	303.43	375.16	228.5	230.89	258.655

PC(O-)38:3	DLPC	151.86	147.54	74.98	73.02	80.625
PC(O-)38:4	DLPC	198.64	278.42	189.08	135.34	139.8
PC(O-)38:5	DLPC	800.82	1160.68	775.78	502.02	527.23
PC(O-)38:6	DLPC	709.935	1045.68	655.34	449.91	407.73
PC(O-)40:2	DLPC	46.47	46.54	22.94	23.805	24.785
PC(O-)40:3	DLPC	81.465	56.12	14.57	18.6	20.43
PC(O-)40:4	DLPC	53.6	49.3	23.52	23.115	24.87
PC(O-)40:5	DLPC	93.41	126.84	81.25	63.72	62.99
PC(O-)40:6	DLPC	297.02	427.82	319.92	199.495	198.285
PC(O-)42:1	DLPC	6.365	7.1	3.28	4.37	4.49
PC(O-)42:2	DLPC	11.995	9.66	7.76	8.18	8.975
PC(O-)42:3	DLPC	23.69	22.7	7.05	10.355	11.825
PC(O-)42:4	DLPC	42.425	32.55	6.72	7.025	8.105
PC(O-)42:5	DLPC	16.655	17.6	9.19	9.62	9.805
PC(O-)42:6	DLPC	19.84	22.89	13.6	14.555	13.13
PC(O-)44:1	DLPC	2.765	3.49	0.69	1.275	1.5
PC(O-)44:2	DLPC	4.64	3.5	2.1	2.33	2.695
PC(O-)44:3	DLPC	10.58	10.57	4.37	6.39	6.615
PC(O-)44:4	DLPC	6.94	6.96	1.59	2.685	3.15
PC(O-)44:5	DLPC	7.82	9.09	2.62	4.755	4.26
PC(O-)44:6	DLPC	8.8	8.67	2.77	3.35	3.875
PC28:0	DLPC	759.375	989.93	764.66	1817.09	1895.375
PC28:1	DLPC	168.565	241.23	155.33	403.595	436.195
PC28:2	DLPC	3.72	5.07	3.64	12.095	12.885
PC28:3	DLPC	0.5	0.6	0.54	0.84	0.64
PC28:4	DLPC	0.7	0.6	0.58	0.66	0.535
PC28:5	DLPC	0.925	1.08	0.86	0.935	0.75
PC28:6	DLPC	20.31	24.3	18.62	27.295	19.365
PC30:0	DLPC	9204.125	11373.05	9275.68	17200.14	18533.915
PC30:1	DLPC	3205.03	4407.77	3376.71	12002.555	12886.545
PC30:2	DLPC	52.235	69.98	58.11	301.745	318.94
PC30:3	DLPC	3.645	4.58	2.99	9.025	9.125
PC30:4	DLPC	3.045	3.41	2.23	3.26	2.665
PC30:5	DLPC	3.545	5.32	2.83	5.045	4.725
PC30:6	DLPC	58.975	79.41	56.21	94.945	97.91
PC32:0	DLPC	12497	15328.24	11480.15	22603.44	22393.66
PC32:1	DLPC	40509.81	50567.46	41789.29	77067.145	81179.17
PC32:2	DLPC	4429.29	6702.81	4982.82	23470.475	25613.05
PC32:3	DLPC	46.14	62.76	45.47	135.045	143.26
PC32:4	DLPC	5.405	7.14	5.32	8.815	8.46
PC32:5	DLPC	13.485	18.8	12.75	15.725	13.885
PC32:6	DLPC	211.18	264.79	210.32	357.635	389.8
PC34:0	DLPC	4216.06	5280.66	3804.04	4274.77	4258.38
PC34:1	DLPC	66475.24	89081.98	62000.45	73077.47	78939.665
PC34:2	DLPC	30082.71	41506.31	29494.1	65406.685	67947.045
PC34:3	DLPC	670.11	966.38	659.72	1619.795	1715.465

PC34:4	DLPC	42.08	59.92	49.01	87.615	99.125
PC34:5	DLPC	24.265	37.65	24.41	32.125	29.99
PC34:6	DLPC	83.335	100.86	82.66	108.385	105.45
PC36:0	DLPC	416.335	568.98	355.69	303.3	306.86
PC36:1	DLPC	5722.665	6834.11	4800.29	4662.745	4866.825
PC36:2	DLPC	44611.32	55471.29	38649.11	43506.73	43051.965
PC36:3	DLPC	2453.28	3262.11	2125.69	2641.235	2780.88
PC36:4	DLPC	583.605	742.19	603.31	506.18	508.74
PC36:5	DLPC	331.175	476.37	320.41	280.575	282.635
PC36:6	DLPC	71.675	107.59	71.01	94.195	93.39
PC38:0	DLPC	375.795	538.03	351.64	250.775	254.655
PC38:1	DLPC	468.085	500.2	315.54	283.255	308.135
PC38:2	DLPC	3034.79	3161.79	2397.7	2485.345	2954.34
PC38:3	DLPC	422.15	466.15	283.49	339.06	392.36
PC38:4	DLPC	298.98	384.99	228.4	254.61	265.225
PC38:5	DLPC	846.01	1144.04	744.87	686.24	702.08
PC38:6	DLPC	696.21	834.79	578.77	523.985	524.05
PC40:0	DLPC	17.495	17.69	10.14	7.96	10.145
PC40:1	DLPC	18.045	18.53	12.2	12.7	14.39
PC40:2	DLPC	68.45	73.92	47.92	49.095	57.685
PC40:3	DLPC	41.79	47.99	27.98	31.9	35.97
PC40:4	DLPC	34.695	37.38	20.75	27.105	26.135
PC40:5	DLPC	109.075	129.57	96.45	96.59	100.805
PC40:6	DLPC	341.515	441.02	300.78	277.02	302.215
PC42:0	DLPC	3.675	3.72	1.41	1.445	1.805
PC42:1	DLPC	5.31	6.18	3.59	3.175	3.84
PC42:2	DLPC	15.36	19.35	9.71	10.935	12.43
PC42:3	DLPC	11.23	15.43	6.88	9.03	9.165
PC42:4	DLPC	7.885	8.73	4.68	5.305	5.415
PC42:5	DLPC	13.505	16.89	9.51	10.88	13.02
PC42:6	DLPC	30.51	36.02	18.9	24.755	25.3
PC44:0	DLPC	1.07	1.4	0.45	0.42	0.465
PC44:1	DLPC	1.61	2.19	0.94	1.05	1.12
PC44:2	DLPC	4.365	3.57	1.88	2.645	2.94
PC44:3	DLPC	4.005	4.05	1.75	2.28	2.94
PC44:4	DLPC	2.19	3.44	0.86	0.89	1.475
PC44:5	DLPC	5.545	7.89	1.06	2.225	2.165
PC44:6	DLPC	7.335	13.39	1.98	2.25	2.91
PE(O-)30:0	PE31:1	8.17	10.48	5.21	13.535	11.815
PE(O-)30:1	PE31:1	3.13	7.37	3.76	7.875	5.07
PE(O-)32:0	PE31:1	536.965	529.31	544.53	542.68	536.885
PE(O-)32:2	PE31:1	11.52	12.39	11.45	22.785	19.99
PE(O-)32:5	PE31:1	NA	NA	NA	NA	NA
PE(O-)34:0	PE31:1	35.075	46.67	30.98	45.55	52.6
PE(O-)34:1	PE31:1	192.59	292.09	227.7	355.925	370.66
PE(O-)34:2	PE31:1	86.195	114.86	88.87	229.745	216.11

PE(O-)34:3	PE31:1	25.525	33.03	28.805	38.42	39.535
PE(O-)34:4	PE31:1	259.5	324.84	328.305	257.345	244.015
PE(O-)34:5	PE31:1	1.605	4.63	3.495	7.325	6.955
PE(O-)36:3	PE31:1	41.575	63.9	44.78	62.9	64.645
PE(O-)36:4	PE31:1	26.875	32.82	32.875	37.38	34.28
PE(O-)36:5	PE31:1	44.105	57.42	45.925	56.175	60.005
PE(O-)36:6	PE31:1	33.07	42.59	36.7	48.905	41.305
PE(O-)38:4	PE31:1	58.28	85.02	51.355	76.745	63.13
PE(O-)38:5	PE31:1	102.47	139.23	122.21	131.29	107.77
PE(O-)38:6	PE31:1	107.615	146.04	117.72	161.4	116.53
PE(O-)40:6	PE31:1	58.535	80.41	55.32	68.65	61.81
PE28:0	PE31:1	24.33	39.18	28.205	43.605	38.81
PE28:1	PE31:1	53.82	114.01	69.6	94.19	75.61
PE28:2	PE31:1	3.165	3.13	3.455	3.945	3.095
PE28:3	PE31:1	NA	2.56	2.14	1.765	0.725
PE28:4	PE31:1	0.42	NA	NA	1.845	NA
PE28:5	PE31:1	NA	NA	NA	NA	NA
PE28:6	PE31:1	1.52	2.33	NA	2.365	0.675
PE30:0	PE31:1	109.35	156.5	120.23	303.23	315.32
PE30:1	PE31:1	88.71	135.34	101.48	367.395	320.92
PE30:2	PE31:1	1.825	4.97	4.145	23.445	15.505
PE30:3	PE31:1	1.885	3.51	3.24	2.73	2.11
PE30:4	PE31:1	4.385	12.29	7.175	7.26	4.205
PE30:5	PE31:1	NA	NA	NA	NA	NA
PE30:6	PE31:1	2.85	7.55	3.17	2.79	2.97
PE32:0	PE31:1	370.82	454.51	442.385	964.175	928.065
PE32:1	PE31:1	2171.025	3091.87	2676.825	7146.02	6408.145
PE32:2	PE31:1	402.94	678.83	516.48	2664.955	2458.225
PE32:3	PE31:1	6.725	12.52	12.795	26.595	20.45
PE32:4	PE31:1	3.07	10.18	5.18	12.84	10.555
PE32:5	PE31:1	NA	NA	NA	0.61	NA
PE32:6	PE31:1	6.765	7.49	6.19	5.89	9.245
PE34:0	PE31:1	576.54	674.35	592	921.785	904.11
PE34:1	PE31:1	8351.77	10031.06	8431.375	15002.405	13440.975
PE34:2	PE31:1	7356.03	10395.33	8360.885	21861.87	20507.56
PE34:3	PE31:1	178.135	266.01	214.89	638.665	575.895
PE34:4	PE31:1	65.125	100.51	87.34	213.89	209.76
PE34:5	PE31:1	16.265	27.84	23.245	88.475	66.125
PE34:6	PE31:1	1.865	4.52	3.885	4.295	7.125
PE36:0	PE31:1	371.26	452.76	366.875	357.78	309.085
PE36:1	PE31:1	6215.48	7040.36	5848.585	6523.1	5572.125
PE36:2	PE31:1	24187.585	27898.14	23314.13	34888.545	30006.55
PE36:3	PE31:1	1536.755	2006.1	1532.075	2589.75	2255.275
PE36:4	PE31:1	671.295	960.45	715.87	1296.11	1274.925
PE36:5	PE31:1	424.58	707.67	529.75	941.5	851.6
PE36:6	PE31:1	53.15	80.2	64.16	105.475	97.465

PE38:0	PE31:1	46.695	64.12	51.99	68.28	52.6
PE38:1	PE31:1	152.48	169.07	142.335	154.97	164.125
PE38:2	PE31:1	726.59	870.72	707.615	852.54	817.815
PE38:3	PE31:1	484.245	562.88	495.055	591.49	562.77
PE38:4	PE31:1	2375.97	2715.88	2280.345	2940.58	2313.465
PE38:5	PE31:1	3043.925	4174.31	3334.375	4310.755	3720.235
PE38:6	PE31:1	1110.44	1555.98	1200.275	1638.22	1400.78
PE40:0	PE31:1	8.36	10.64	8.435	10.305	8.635
PE40:1	PE31:1	34.63	37.64	23.46	27.365	24.03
PE40:2	PE31:1	138.71	132.14	114.015	154.335	135.29
PE40:3	PE31:1	66.365	77.44	59.06	78.97	75.13
PE40:4	PE31:1	123.7	140.08	106.765	130.93	141.84
PE40:5	PE31:1	442.395	571.6	451.03	679.92	528.61
PE40:6	PE31:1	1285.22	1651.22	1385.775	2062.86	1594.895
PE42:0	PE31:1	3.175	2.94	NA	1.83	0.485
PE42:1	PE31:1	10.66	12.9	6.03	5.97	6.405
PE42:2	PE31:1	47.285	42.87	33.535	36.62	38.395
PE42:3	PE31:1	19.615	19.78	14.095	17.26	16.945
PE42:4	PE31:1	10.79	14.38	8.185	13.38	10.735
PE42:5	PE31:1	31.14	37.04	24.115	41.465	33.49
PE42:6	PE31:1	28.47	36.95	24.815	46.1	36.685
PE44:0	PE31:1	NA	NA	NA	NA	NA
PE44:1	PE31:1	0.92	1.58	NA	NA	NA
PE44:2	PE31:1	5.425	3.26	3.12	4.415	4.845
PE44:3	PE31:1	4.4	6.18	1.03	2.035	3.625
PE44:4	PE31:1	2.66	3.87	0.975	2.9	2.645
PE44:5	PE31:1	9.965	14.35	5.945	7.26	7.28
PE44:6	PE31:1	9.67	9.92	5.455	9.27	7.185
PI(O-)30:0	PI31:1	1.06	1.3	3.33	5.95	3.835
PI(O-)30:1	PI31:1	9.16	21.745	14.86	22.865	16.12
PI(O-)30:2	PI31:1	0.99	5.88	3.75	6.375	2.385
PI(O-)30:3	PI31:1	NA	NA	0.81	NA	NA
PI(O-)30:5	PI31:1	0.85	1.51	1.695	7.735	3.505
PI(O-)30:6	PI31:1	1.805	3.055	4.945	6.78	4.655
PI(O-)32:0	PI31:1	373.61	384.94	362.535	372.45	384.615
PI(O-)32:2	PI31:1	7.595	12.065	9.97	14.155	20.115
PI(O-)32:3	PI31:1	NA	NA	NA	0.62	0.22
PI(O-)32:4	PI31:1	NA	1.405	0.31	1.06	0.59
PI(O-)32:5	PI31:1	8.325	9.445	5.095	9.25	8.69
PI(O-)32:6	PI31:1	5.285	13.285	9.42	13.19	13.44
PI(O-)34:2	PI31:1	3.7	5.145	8.295	5.555	6.835
PI(O-)34:5	PI31:1	0.54	0.94	1.05	1.595	1.47
PI(O-)34:6	PI31:1	5.12	8.965	8.355	12.765	6.22
PI(O-)36:0	PI31:1	171.445	93.76	232.96	152.76	100.055
PI(O-)36:1	PI31:1	33.04	48.715	28.955	41.455	53.875
PI(O-)36:2	PI31:1	45.57	49.1	42.68	55.565	66.33

PI(O-)36:3	PI31:1	3.64	5.06	3.74	8.555	7.005
PI(O-)36:4	PI31:1	0.195	NA	NA	0.705	0.425
PI(O-)36:5	PI31:1	0.445	0.64	1.335	2.07	0.765
PI(O-)38:1	PI31:1	25.67	30.29	20.85	42.305	41.46
PI(O-)38:2	PI31:1	240.665	200.74	244.905	237.545	244.79
PI(O-)38:3	PI31:1	24.475	18.51	13.345	18.005	24.845
PI(O-)38:4	PI31:1	8.98	11.195	11.64	14.475	12.41
PI(O-)38:5	PI31:1	13.23	4.11	12.335	19.98	13.01
PI(O-)40:2	PI31:1	12.68	18.125	20.325	24.425	31.185
PI(O-)40:3	PI31:1	36.125	57.7	32.225	52.385	64.25
PI(O-)40:4	PI31:1	5.99	13.165	9.805	14.51	22.22
PI(O-)40:5	PI31:1	2.57	1.975	2.53	3.215	6.195
PI(O-)42:1	PI31:1	3.51	2.38	6.745	6.365	4.715
PI(O-)42:2	PI31:1	7.65	9.105	10.15	13.64	14.79
PI(O-)42:3	PI31:1	10.805	11.815	14.545	21.28	15.335
PI(O-)42:6	PI31:1	12.92	5.595	10.755	15.19	20.325
PI(O-)44:1	PI31:1	NA	NA	0.295	0.175	0.575
PI(O-)44:4	PI31:1	0.965	2.995	2.79	2.295	1.855
PI28:0	PI31:1	0.38	2.405	2.275	1.875	2.94
PI28:1	PI31:1	6.475	15.93	8.41	14.115	9.925
PI28:2	PI31:1	0.875	1.745	1.26	1.76	1.77
PI28:3	PI31:1	NA	0.915	0.225	1.69	0.66
PI28:4	PI31:1	NA	0.43	0.735	0.125	0.335
PI28:5	PI31:1	NA	NA	0.25	0.195	0.125
PI28:6	PI31:1	0.4	1.21	0.27	2.015	0.34
PI30:0	PI31:1	2.49	2.225	2.855	7.35	5.345
PI30:1	PI31:1	49.29	59.515	39.565	56.135	46.885
PI30:2	PI31:1	5.635	10.515	15.005	16.155	16.04
PI30:3	PI31:1	NA	NA	NA	0.195	NA
PI30:4	PI31:1	NA	0.605	0.73	0.815	0.385
PI30:5	PI31:1	6.69	9.755	7.55	12.525	8.945
PI30:6	PI31:1	0.9	1.28	1.32	4.935	2.465
PI31:1	PI31:1	10000	10000	10000	10000	10000
PI32:0	PI31:1	22.81	30.375	27.355	32.695	28.485
PI32:1	PI31:1	155.95	213.315	140.43	234.095	205.79
PI32:2	PI31:1	69.895	84.83	86.92	107.88	116.105
PI32:3	PI31:1	NA	0.81	1.36	0.38	1.275
PI32:4	PI31:1	NA	NA	NA	NA	0.16
PI32:5	PI31:1	0.33	0.225	0.245	1.515	0.855
PI32:6	PI31:1	0.98	1.125	2.43	3.275	2.435
PI34:0	PI31:1	92.56	109.07	75.505	94.675	124.835
PI34:1	PI31:1	1653.05	2086.45	1408.975	1737.7	2176.295
PI34:2	PI31:1	1815.615	2273.99	1869.98	2271.675	2539.155
PI34:3	PI31:1	15.645	17.2	15.705	33.34	38.87
PI34:4	PI31:1	0.815	0.415	0.82	1.285	0.815
PI34:5	PI31:1	0.62	0.215	0.21	0.925	0.65

PI34:6	PI31:1	0.745	0.37	1.5	1	0.99
PI36:0	PI31:1	199.32	204.885	176.58	206.18	330.475
PI36:1	PI31:1	4556.05	4414.345	3233.705	4074.755	5732.835
PI36:2	PI31:1	7042.02	7758.935	5862.405	6702.22	8561.36
PI36:3	PI31:1	351.465	384.505	348.945	416.57	448.35
PI36:4	PI31:1	51.21	49.03	50.655	59.71	61.565
PI36:5	PI31:1	15.29	12.98	20.385	16.84	24.17
PI36:6	PI31:1	51.205	51.535	94.33	49.415	47.54
PI38:0	PI31:1	37.835	23.405	33.47	39.115	37.22
PI38:1	PI31:1	198.85	204.165	140.965	167.395	254.745
PI38:2	PI31:1	885.64	1216.295	659.045	796.575	1256.085
PI38:3	PI31:1	946.055	1409.835	882.775	917.62	1375.965
PI38:4	PI31:1	1950.145	2534.34	1677.395	1490.295	1994.13
PI38:5	PI31:1	865.08	1075.845	841.59	787.6	845.96
PI38:6	PI31:1	47.755	62.53	60.39	70.415	69.675
PI40:0	PI31:1	42.01	51.035	83.97	60.805	73.965
PI40:1	PI31:1	85.805	86.8	96.44	115.195	97.135
PI40:2	PI31:1	81.665	123.135	81.32	99.17	128.695
PI40:3	PI31:1	112.67	139.245	103.16	147.89	167.85
PI40:4	PI31:1	120.44	158.29	119.115	185.17	242.605
PI40:5	PI31:1	244.19	346.125	232.66	383.405	562.25
PI40:6	PI31:1	230.695	277.04	186.425	406.825	459.065
PI42:0	PI31:1	1.89	3.155	3.365	2.445	4.12
PI42:1	PI31:1	9.04	20.37	19.58	12.28	14.735
PI42:2	PI31:1	67.76	85.68	75.035	88.945	90.08
PI42:3	PI31:1	102.775	122.985	152.08	110.5	139.235
PI42:4	PI31:1	10.245	10.705	19.675	15.06	13.63
PI42:5	PI31:1	0.33	1.55	1.81	2.395	2.68
PI42:6	PI31:1	0.605	0.635	1.815	2.09	3.055
PI44:0	PI31:1	0.445	1.295	2.275	1.7	0.955
PI44:1	PI31:1	3.18	1.95	2.595	5.27	3.33
PI44:2	PI31:1	4.405	7.555	6.3	13.375	6.975
PI44:3	PI31:1	5.065	11.13	9.91	15.925	18.19
PI44:4	PI31:1	8.545	11.065	16.835	22.66	19.045
PI44:5	PI31:1	17.845	25.84	19.155	20.585	24.84
PI44:6	PI31:1	4.12	5.145	9.825	10.01	10.3
PS(O-)30:0	PS31:1	1.91	3.555	2.45	3.15	4.295
PS(O-)30:1	PS31:1	0.79	0.545	1.385	1.235	0.56
PS(O-)30:2	PS31:1	NA	NA	NA	NA	NA
PS(O-)30:6	PS31:1	0.515	0.69	0.3	1.925	1.02
PS(O-)32:0	PS31:1	1464.3	1563.885	1488.63	1479.285	1459.6
PS(O-)32:2	PS31:1	1.13	2.72	0.995	2.1	2.495
PS(O-)34:0	PS31:1	8.215	11.95	7.23	19.275	16.75
PS(O-)34:1	PS31:1	43.145	81.605	41.745	62.58	75.935
PS(O-)34:2	PS31:1	7.235	9.45	6.435	8.375	8.4
PS(O-)34:3	PS31:1	37.71	33.985	48.42	34.525	36.71

PS(O-)34:5	PS31:1	NA	NA	NA	NA	NA
PS(O-)36:0	PS31:1	7.09	10.825	7.505	16.265	15.335
PS(O-)36:1	PS31:1	65.695	99.515	54.84	97.185	101.465
PS(O-)36:2	PS31:1	24.165	36.175	22.15	40.16	38.81
PS(O-)36:3	PS31:1	1.75	1.72	1.145	3.86	2.825
PS(O-)36:4	PS31:1	0.485	0.815	0.445	0.805	0.67
PS(O-)36:5	PS31:1	0.915	0.515	1.13	0.385	0.355
PS(O-)38:0	PS31:1	6.085	8.625	6.925	15.03	13.09
PS(O-)38:1	PS31:1	17	24.81	12.615	27.76	30.48
PS(O-)38:2	PS31:1	6.645	12.08	5.725	14	23.135
PS(O-)38:3	PS31:1	0.77	1.315	0.81	2	1.61
PS(O-)38:4	PS31:1	1.025	1.715	2.37	1.075	1.485
PS(O-)38:5	PS31:1	1.09	1.535	2.89	1.925	1.825
PS(O-)38:6	PS31:1	4.245	4.26	4.1	5.385	3.985
PS(O-)40:1	PS31:1	1.04	2.275	0.84	2.675	2.82
PS(O-)40:2	PS31:1	2.465	2.84	0.705	4.43	4.75
PS(O-)40:5	PS31:1	0.795	0.62	0.93	0.985	1.32
PS(O-)40:6	PS31:1	0.64	1.005	0.705	1.66	2.595
PS(O-)42:2	PS31:1	2.09	2.385	2.55	1.745	2.435
PS(O-)44:6	PS31:1	NA	NA	NA	NA	NA
PS28:0	PS31:1	2.05	3.98	1.81	6.38	3.5
PS28:1	PS31:1	0.38	1.45	0.48	3.11	0.815
PS28:2	PS31:1	NA	0.08	0.255	0.2	0.335
PS28:3	PS31:1	NA	NA	NA	NA	NA
PS28:4	PS31:1	NA	NA	NA	NA	NA
PS28:5	PS31:1	NA	NA	NA	NA	NA
PS28:6	PS31:1	0.505	1.83	0.71	2.66	1.175
PS30:0	PS31:1	9.96	17.46	11.21	26.24	21.665
PS30:1	PS31:1	11.07	10.96	11.4	10.615	12.185
PS30:2	PS31:1	0.08	0.085	NA	0.625	0.21
PS30:3	PS31:1	NA	NA	NA	NA	NA
PS30:4	PS31:1	NA	NA	NA	NA	NA
PS30:5	PS31:1	NA	NA	NA	NA	NA
PS30:6	PS31:1	0.41	0.4	0.485	1.935	1.525
PS31:1	PS31:1	33000	33000	33000	33000	33000
PS32:0	PS31:1	69.915	105.045	73.345	127.56	149.125
PS32:1	PS31:1	156.65	280.465	189.4	327.465	342.105
PS32:2	PS31:1	0.36	2.13	1.53	3.92	5.185
PS32:3	PS31:1	NA	0.08	NA	0.255	0.23
PS32:4	PS31:1	NA	NA	NA	0.055	NA
PS32:5	PS31:1	NA	NA	NA	NA	NA
PS32:6	PS31:1	10.345	10.085	18.7	13.65	12.5
PS34:0	PS31:1	155.24	291.65	130.33	304.175	371.445
PS34:1	PS31:1	1729.83	2711.865	1591.585	2977.53	2931.74
PS34:2	PS31:1	327.855	501.195	365.52	651.585	620.205
PS34:3	PS31:1	2.26	5.375	6.13	11.48	9.39

PS34:4	PS31:1	2.295	3.54	5.025	6.96	4.625
PS34:5	PS31:1	NA	NA	NA	0.08	0.295
PS34:6	PS31:1	NA	0.415	0.665	1.13	1.9
PS36:0	PS31:1	192.67	349.31	143.475	201.91	269.36
PS36:1	PS31:1	3262.71	5627.86	2512.49	3347.13	4485.315
PS36:2	PS31:1	1722.055	2723.925	1610.585	3279.205	3253.985
PS36:3	PS31:1	40.725	59.245	33.245	79.845	77.11
PS36:4	PS31:1	34.075	44.915	54.905	64.605	57.43
PS36:5	PS31:1	9.705	8.63	10.455	17.44	13.375
PS36:6	PS31:1	0.93	0.63	NA	1.51	1.59
PS38:0	PS31:1	4.635	8.99	4.03	4.24	7.275
PS38:1	PS31:1	81.495	95.25	55.275	84.655	113.705
PS38:2	PS31:1	211.365	283.485	144.185	270.865	322.42
PS38:3	PS31:1	33.485	62.565	24.205	62.35	74.335
PS38:4	PS31:1	81.075	111.275	100.13	127.505	125.355
PS38:5	PS31:1	66.05	67.97	69.345	98.205	99.23
PS38:6	PS31:1	4.31	12.11	7.065	17.175	16.245
PS40:0	PS31:1	0.375	0.41	0.44	0.625	0.775
PS40:1	PS31:1	20.585	25.105	19.185	9.535	20.915
PS40:2	PS31:1	102.97	124.11	65.49	100.335	128.21
PS40:3	PS31:1	10.01	12.1	8.075	11.285	17.56
PS40:4	PS31:1	10.29	15.56	15.615	16.915	18.65
PS40:5	PS31:1	68.32	88.08	56.11	73.6	87.675
PS40:6	PS31:1	109.315	176.52	116.465	121.905	159.28
PS42:0	PS31:1	NA	NA	NA	NA	0.05
PS42:1	PS31:1	2.135	0.51	0.31	1.19	1.88
PS42:2	PS31:1	11.03	11.335	6.06	8.805	18.155
PS42:3	PS31:1	2.55	2.87	1.02	2.25	4.87
PS42:4	PS31:1	0.18	NA	0.59	0.3	0.7
PS42:5	PS31:1	2.08	1.58	0.21	1	3.95
PS42:6	PS31:1	1.755	0.44	1.475	2.89	3.44
PS44:0	PS31:1	NA	NA	NA	NA	NA
PS44:1	PS31:1	NA	NA	NA	NA	NA
PS44:2	PS31:1	NA	0.125	NA	NA	0.385
PS44:3	PS31:1	NA	NA	NA	NA	NA
PS44:4	PS31:1	NA	NA	NA	NA	NA
PS44:5	PS31:1	NA	NA	NA	NA	0.11
PS44:6	PS31:1	NA	NA	NA	NA	0.235
SM32:0	C12SM	2.355	3.825	3.655	11.25	10.01
SM32:1	C12SM	44.265	66.535	77.245	297.185	284.145
SM32:2	C12SM	0.135	0.215	0.215	0.58	0.59
SM34:0	C12SM	30.93	46.815	67.31	101.45	98.205
SM34:1	C12SM	653.305	859.705	1372.825	2374.33	1849.61
SM34:2	C12SM	1.525	2.47	2.14	3.535	3.885
SM36:0	C12SM	7.025	10.525	15.16	8.95	9.48
SM36:1	C12SM	80.97	121.435	188.58	115.03	113.095

SM36:2	C12SM	4.34	6.245	8.52	13.1	13.865
SM38:1	C12SM	28.565	39.125	59.875	38.075	38.47
SM38:2	C12SM	7.025	9.34	14.8	17.97	22.415
SM38:3	C12SM	0.085	0.125	0.195	0.34	0.375
SM40:0	C12SM	14.24	19.96	22.385	18.085	19.525
SM40:1	C12SM	267.34	423.965	408.85	361.91	357.615
SM40:2	C12SM	301.175	436.93	623.935	1015.315	1142.52
SM40:3	C12SM	3.025	4.35	5.315	10.45	10.55
SM42:0	C12SM	5.09	7.79	10.585	5.275	6.49
SM42:1	C12SM	293.41	465.995	514.92	393.545	434.795
SM42:2	C12SM	3474.92	5515.35	7190.63	6159.095	6352.825
SM42:3	C12SM	102.885	158.25	212.835	197.45	227.2
SM44:0	C12SM	0.055	0.07	0.075	0.155	0.08
SM44:1	C12SM	0.44	0.6	0.615	1.215	0.675
SM44:2	C12SM	3.695	5.355	6.925	7.205	7.92
SM44:3	C12SM	1.26	2.005	2.93	2.34	2.75

Hela_nSMase	Hela_p24_1	Hela_p24_2	Hela_p24_3	Hela_1	Hela_2	Hela_3
34250	34250	34250	34250	34250	34250	34250
5000	5000	5000	5000	5000	5000	5000
5000	5000	5000	5000	5000	5000	5000
NA	NA	NA	NA	NA	NA	NA
1000	1000	1000	1000	1000	1000	1000
28.33	13.045	18.8	22.175	17.76	13.605	33.9
31.81	29.86	54.66	58.055	53.345	35.56	67.865
145.915	129.885	139.16	194.475	211.18	94.585	168.41
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	0.755
347.17	557.425	531.41	666.11	440.04	311.49	471.865
482.79	702.54	633.67	813.78	570.39	314.49	520.27
NA	NA	NA	3.52	NA	1.45	2.825
NA	NA	NA	NA	NA	NA	NA
48.59	92.235	80.91	106.42	85.17	45.55	73.42
19.31	21.025	29.91	58.485	9.755	21.165	31.835
3.45	20.3	22.18	25.895	10.705	12.715	19.845
NA	NA	NA	2.885	NA	1.485	7.105
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	2.665	NA	1.205	1.99
NA	NA	NA	NA	NA	NA	NA
18.55	4.65	NA	1.66	8.14	2.98	7.685
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	7.58	NA	6.065	13.47
170.865	58.855	62.47	89.42	107.505	57.575	118.69
NA	NA	NA	NA	NA	NA	NA
565.115	431.91	542.87	607.93	675.55	349.585	582.125
NA	NA	NA	NA	NA	0.835	2.975
NA	NA	NA	NA	NA	NA	NA
54.78	11.18	25.9	47.91	45.675	26.295	62.2
119.06	130.73	161.11	182.655	200.955	97.78	192.94
19.225	20.435	28.46	42.65	60.04	29.1	45.095
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	6.005	10.61	3.265	5.7
NA	6.885	NA	11.015	NA	6.605	8.595
NA	NA	NA	3.745	5.31	3.365	5.815
NA	NA	NA	NA	NA	NA	1.205
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
139.165	38.42	56.93	58.645	105.175	50.275	92.43

NA	NA	NA	NA	NA	NA	NA
73.14	25.535	25.63	38.855	88.285	40.215	70.45
NA	NA	NA	2.75	2.535	6.025	7.305
4.51	NA	5.8	10.22	20.885	12.09	16.84
NA	NA	NA	NA	NA	1.755	2.595
NA	NA	NA	1.42	NA	1.11	1.84
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	0.315	NA
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NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
8.56	2.965	3.985	7.445	1.37	2.07	2.155
68.77	27.28	24.6	32.185	15.055	16.86	18.665
4.52	3.695	1.79	1.615	0.76	1.505	1.18
58.545	47.325	47.12	58.8	23.13	23.585	28.43
254.88	204.305	156.845	198.735	112.87	87.625	134.96
5.155	4.76	1.985	3.205	2.95	1.655	4.785
41.875	30.68	23.89	30.25	26.985	28.02	38.19
4.15	3.245	1.195	2.325	2.525	1.81	4.045
NA	2.825	1.545	2.01	1.195	0.815	1.58
24.21	14.095	12.105	17.25	11.165	13.875	15.49
1.1	2.985	0.73	1.59	0.72	1.685	2.565
21.465	17.785	15.92	24.19	16.51	15.86	21.315
122.17	115.39	90.415	150.065	96.27	83.92	99.46
247.605	52.29	39.725	79.015	108.895	124.795	117.22
279.545	102.845	95.195	125.605	118.61	118.995	150.345
53.74	56.885	47.125	72.58	32	24.745	42.275
183.915	246.075	223.395	287.405	161.46	138.21	175.48
1343.115	1287.63	794.03	1560.165	1024.665	926.91	1096.885
1671.965	1650.21	1428.7	2031.99	1471.16	1300.425	1414.305
NA	2.11	NA	NA	0.55	0.62	1.905

10.35	12.885	6.675	9.495	8.44	9.98	9.595
7.905	9.12	4.085	5.71	7.175	8.235	12.56
55.04	27.75	20.51	31.23	38.595	29.35	35.245
23.515	9.125	5.385	9.835	6.555	7.92	5.63
11.705	3.81	3.6	5.08	6.05	4.825	8.515
266.13	163.535	97.53	156	252.69	259.55	356.39
70.645	46.4	32.31	47.28	54.27	51.255	53.935
5.77	5.99	2.42	2.915	6.65	4.7	9.14
6.165	4.385	4.495	5.025	6.05	7.26	6.61
0.79	1.695	1.09	0.69	0.61	0.825	1.45
14.145	8.39	10.17	5.435	8.145	6.33	7.44
4.72	1.42	0.635	2.31	0.68	0.545	1.39
1.365	2.355	2.96	5.08	1.845	1.775	0.975
8.285	8.305	4.975	6.07	3.72	3.315	4.575
25.2	18.15	7.375	9.73	10.59	3.745	10.015
4.66	2.555	2.815	2.575	2.71	3.195	3.665
2.435	1.645	1.865	1.575	1.39	1.94	1.19
10.67	5.685	5.72	5.62	5.61	5.34	6.255
10.485	9.845	8.125	6.845	9.125	7.53	7.995
16.075	18.22	10.61	14.75	8.565	6.515	11.2
18.545	14.265	5.62	10.39	6.655	3.775	10.12
43.965	50.48	35.8	57.64	49.415	41.655	51.355
3.785	4.34	2.775	3.88	2.865	2.62	3.81
4000	4000	4000	4000	4000	4000	4000
NA	NA	NA	NA	NA	NA	NA
6.02	4.71	2.685	3.29	4.17	4.905	5.635
1.875	0.8	1.255	1.3	1.095	1.825	0.78
7.06	6.81	4.725	7.545	11.34	10.12	11.19
4.17	3.41	1.895	4.525	6.05	5.09	6.74
32.145	18.115	13.21	16.38	11.885	13.375	13.91
3.225	3.955	2.555	2.665	4.755	6.235	5.42
135.36	165.305	135.89	167.505	90.165	122.215	107.45
1.535	2.71	1.77	1.225	2.035	2.4	1.96
22.56	23	19.105	24.24	28.005	30.95	30.665
3.64	4.04	2.175	3.105	3.55	2.815	4.985
13.16	13.07	8.815	12.64	13.57	14.76	13.095
11.095	4.93	3.765	6.575	10.815	10.63	9.42
106.945	118.825	78.275	124.595	96.375	109.28	88.665
153.525	77.88	62.255	100.89	98.66	135.115	93.535
97.765	184.755	127.405	215.06	134.34	123.5	121.23
616.845	921.64	686.645	1135.965	795.855	804.065	849.02
16.955	11.43	9.95	15.16	17.94	18.29	16.87
4.825	6.705	11.475	5.895	2.96	1.79	8.36
1.805	1.59	1.775	1.255	1.58	1.165	1.25
0.49	0.685	0.985	0.84	0.45	0.345	1.405
1.47	2.615	2.005	3.79	1.935	1.71	1.055

3.4	4.01	2.935	3.475	3.385	2.41	2.075
2.795	3.215	2.31	2.41	1.49	1.665	3.235
12.38	14.77	12.12	14.65	12.005	13.42	10.64
2.835	2.77	1.99	2.52	2.865	2.265	2.91
0.33	0.45	0.25	0.275	0.3	0.235	0.22
NA	0.11	NA	0.115	0.13	0.055	0.06
27.505	30.79	30.32	27.75	30.355	22.25	31.065
12.04	9.22	7.49	8.95	8.125	6.08	7.765
0.315	0.63	0.49	0.38	0.47	0.3	0.395
12.51	15.17	28	13.99	18.335	13.255	22.035
27.99	40.59	34.82	35.525	34.775	24.71	36.06
0.39	0.63	0.49	0.575	0.63	0.465	0.465
1.48	1.62	2	1.47	1.15	1.255	1.805
8.195	18.23	26.71	17.165	16.22	11.44	18.325
1.86	1.87	3.71	2.1	1.905	1.77	2.065
1.29	1.89	1.94	1.405	1.805	1.915	2.85
0.705	1.29	1.24	1.025	1.065	0.705	0.95
0.725	0.93	2.05	0.775	0.585	0.49	0.635
11.68	6.3	5.77	5.6	2.965	3.05	4.67
5.65	3.9	NA	3.88	1.685	3.09	1.89
NA	NA	NA	NA	NA	NA	NA
113.09	112.35	47.975	85.145	32.405	27.25	32.035
109.575	49.27	21.435	38.98	19.535	20.075	25.065
NA	NA	NA	NA	NA	NA	NA
46.665	51	101.01	47.485	17.43	17.19	29.57
391.07	285.01	179.695	263.17	158.995	141.31	205.925
11.78	9.35	4.12	6.785	4.355	2.35	4.88
1.365	2.79	5.57	0.52	0.44	NA	0.67
87.28	71.85	190.55	80.075	53	41.885	74.715
5.16	6.16	13.605	4.075	2.165	2.43	1.205
NA	NA	NA	NA	NA	1.075	NA
2.73	3.06	3.835	2.86	2.17	1.82	3.28
3.01	3.2	NA	1.58	1.59	2.095	2.8
NA	NA	NA	NA	NA	NA	NA
0.795	1.28	0.455	1.145	1.075	1.06	0.405
NA	NA	NA	NA	NA	NA	NA
1.51	3.36	8.685	1.435	1.415	2.475	0.51
4.945	9.6	13.455	11.02	4.335	1.32	1.355
NA	NA	NA	NA	NA	0.215	NA
71.62	49.855	43.095	34.36	28.025	16.62	21.24
42.18	94.85	78.875	64.57	30.14	18.31	23.21
NA	0.69	0.655	0.265	NA	0.405	NA
0.37	0.34	0.595	1.485	NA	0.395	NA
1.36	0.965	0.69	0.73	0.65	1.175	0.4
3.37	1.74	2.405	0.865	0.595	0.645	0.8
0.92	2.995	3.265	1.265	0.725	1.99	NA

1.355	0.92	0.835	NA	0.21	0.675	0.88
1.29	1.43	0.82	3.145	0.25	0.785	0.405
NA	NA	0.165	NA	0.075	NA	NA
6.88	9.895	9.695	15.32	14.445	7.115	7.1
NA	0.215	NA	NA	NA	NA	NA
0.66	1.33	0.61	0.605	0.44	0.405	0.62
0.745	1.325	0.525	0.585	0.275	NA	0.07
NA	NA	NA	NA	NA	NA	NA
3.65	2.015	1.615	2.925	1.885	2.06	2.585
4.85	10.815	9.85	10.2	9.005	3.515	5.945
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
0.07	0.19	NA	NA	NA	0.08	0.145
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
2243.92	1108	1090.26	1280.61	2300.325	1817.425	2224.895
582.74	475.33	436.25	520.36	527.96	375.415	450.61
27.84	26.38	25.34	25.445	17.14	13.23	15.505
2.35	2.43	2.72	2.825	2.285	1.795	2.085
1.21	1.97	1.75	1.8	1.59	1.06	1.41
3.895	4.75	4.78	4.25	3.075	2.36	3.74
171.455	106.73	108.59	104.88	77.985	57.3	80.54
7578.875	4645.89	4454.98	4858.785	8012.46	5548.91	6504.64
9908.42	5776.1	5471.04	6138.83	10217.61	7418.87	8425.52
949.765	824.09	741.74	839.72	923.78	677.33	740.875
21.375	17.49	18.91	21.07	17.425	13.51	15.725
6.955	12.13	14.43	13.12	8.245	5.785	7.625
23.625	26.5	22.71	24.69	19.815	13.81	16.945
1019.085	628.86	582.37	728.215	725.305	489.38	586.905
1870.825	1719.45	1879.57	2044.985	2728.975	1890.69	2173.94
18390.115	16450.02	16983.77	19149.965	26651.23	18674.57	22351.085
5295.22	3933.93	3733.47	4546.29	4782.12	3584.845	4227.855
403.07	367.64	357.79	435.55	389.115	303.42	349.705
15.755	17.48	18.35	17.725	17.7	12.845	15.925
50.33	53.5	46.95	48.76	63.185	48.19	53.125
156.835	223.19	190.41	213.05	208.675	137.435	215.9
950.405	1337.54	1280.91	1492.4	1637.13	1175.655	1382.825
3018.825	3722.62	3711.42	4320.225	5011.735	3591.77	4567.9
659.52	1052.26	883.87	1138.69	1184.16	874.055	1032.32
271.615	389.61	366.17	406.725	597.455	422.19	520.93
189.64	316.35	277.85	311.855	385.17	279.625	318.65
129.955	194.51	169.58	185.825	189.84	129.63	149.565
107.07	154.2	171.47	158.235	149.9	101.5	138.31
270.41	434.16	436.47	464.795	489.23	352.74	480.085

92.725	135.29	116.94	138.78	175.8	161.775	228.485
159.045	199.48	182.38	212.07	383.07	260.695	340.165
603.03	735.26	749.89	819.415	1424.215	997.16	1262.485
502.515	694.41	685.62	789.79	1128.02	817.075	1068.335
33.205	51.83	44.15	52.35	47.28	37.49	61.88
30.28	47.14	25.58	33.285	52.485	43.835	118.48
31.8	41.56	28.3	33.575	47.2	38.295	67.54
80.915	88.48	78.33	89.465	168.81	127.615	158.895
248.44	270.81	250.3	303.455	555.595	422.555	504.675
4.965	8.24	6.61	7.355	6.31	5.46	7.5
9.04	13.54	13.87	14.36	9.835	8.685	15.03
14.21	23.94	15.1	16.83	13.475	15.605	30.21
10.595	30.02	10.04	13.095	14.795	15.73	43.1
10.575	14.93	11.17	12.49	16.96	11.205	16.425
14.93	22.28	17.73	18.93	23.49	15.89	21.62
1.355	2.71	2.47	2.39	2.155	2.01	3.385
2.875	5.03	4.21	5.015	4.14	3.74	5.755
7.975	14.66	10.32	13.845	9.945	10.535	15.555
3.08	7.06	3.48	5.045	4.435	4.06	6.755
4.535	6.95	4.67	5.69	7.255	6.135	9.75
4.29	6.41	3.26	5.24	6.08	4.84	9.82
2065.515	869.41	819.81	876.19	762.25	591.7	814.11
475.905	303.75	234.24	267.74	199.49	158.32	242.225
15.46	6.86	5.45	6.47	4.095	3.38	4.91
0.695	0.65	0.73	0.515	0.525	0.39	0.745
0.525	0.74	0.58	0.83	0.69	0.415	0.72
1.2	1.46	2.72	1.12	1.25	0.91	1.34
26.87	26.99	55.97	27.8	18.795	14.71	17.86
18771.375	9938.61	9736.12	11985.775	12464.965	9001.28	10149.575
13122.895	4154.19	3647.63	4416.245	3635.655	2689.195	3069.32
368.265	75.06	71.87	81.55	46.19	35.49	41.495
10.48	5.38	4.38	5.345	3.795	3.13	2.95
2.805	4.46	4.24	4.08	3.61	2.705	4.415
5.83	4.85	4.14	4.59	3.62	2.725	4.84
116.215	70.87	67.31	70.625	111.765	82.445	108.91
22775.905	14562.8	15659.1	15944.175	19073.375	12502.82	14476.2
88518.94	46281.69	49195.34	50068.58	57195.04	41020.14	48965.79
28413.25	6094.85	5820.32	6500.085	5057.865	3729.04	4323.05
154.48	66.67	51.42	60.74	42.57	28.865	34.54
9	9.07	6.28	7.935	5.795	3.69	6.59
16.76	21.2	19.01	19.775	16.605	11.39	17.91
408.275	286.03	223.81	270.145	389.42	284.185	323.79
5238.245	6424.18	5894.52	6499.465	7520.78	4975.58	5687.065
81454.18	93227.7	88746.42	106505.64	121873.96	82155.095	94151.205
76358.935	44962.14	47142.54	50935.065	42800.51	29676.06	35830.795
2085.62	974.82	978.88	1095.53	760.265	535.44	687.065

107.075	66.75	59.52	69.35	41.51	30.305	35.98
33.72	40.19	33.94	37.965	22.99	17.8	25.45
118.44	110.88	110.7	126.68	125.96	86.67	103.365
321.15	500.87	474.86	565.42	614.03	385.605	520.085
5462.645	8379.08	8892.25	9594.93	9840.01	6511.33	8754.385
49375.42	65366.43	65015.24	77861.97	82935.87	55994.8	72208
3063.475	3546.52	3376.78	3904.9	3326.59	2473.55	2998.11
546.235	768.59	741.92	863.33	792.455	518.02	655.34
310.195	493.49	438.45	481.21	360.42	258.985	297.81
113.22	123.83	113.57	109.385	70.835	48.87	68.55
305.78	350.18	332.68	382.19	624.325	462.885	570.92
335.93	489.44	478.45	578.395	603.11	371.61	435.585
2765.63	4605.92	4910.92	5545.46	4184.535	2927.745	3384.705
403.945	615.95	591.13	699.87	576.115	441.15	567.78
271.685	485.19	409.25	481.025	403.35	275.83	354.385
729.8	1430.28	1417.37	1563.34	1081.81	776.655	974.56
580.315	1059.21	1089.8	1139.59	800.26	538.495	737.88
10.215	21.71	13.5	14.7	23.04	12.145	20.59
15.87	26.3	24.79	27.075	29.345	19.09	21.33
63.345	98.17	121.79	123.1	97.425	74.95	83.68
40.105	62.16	76.07	66.635	60.175	41.695	58.43
32.555	51.06	47.8	46.245	42.205	31.4	48.9
112.095	175.07	167.65	199.15	153.57	106.085	123.605
332.005	590.24	549.54	646.73	469.275	357.655	404.31
1.915	3.72	2.42	2.52	3.265	2.16	3.635
4.04	6.7	5.98	7.21	8.795	5.915	7.96
14.065	23.54	21.99	26.09	31.765	22.885	28.945
11.125	17.31	14.52	19.94	18.92	13.44	19.25
6.185	7.97	8.57	8.11	8.835	5.745	9.97
13.57	20.87	18.33	20.165	16.41	11.015	16.065
29.905	56.78	49.91	54.78	39.28	25.535	31.545
0.62	1.06	0.65	0.67	0.95	0.615	1.4
1.1	1.85	1.85	1.9	1.825	1.65	2.585
3.42	6.59	4.68	6.76	6.9	5.46	6.16
2.6	5.55	5.17	6.32	5.335	3.92	6
1.625	2.28	1.65	1.775	2.22	1.855	3.185
2.755	3.55	2.61	3.985	4.205	3.66	9.17
4.25	5.73	4.33	4.55	5.7	6.14	12.18
17.83	14.48	17.865	12.415	7.46	7.475	14.63
9.41	4.49	5.255	4.915	4.42	3.055	3.755
541.48	575.18	528.985	555.265	530.82	530.005	554.62
27.4	21.46	12.64	14.445	12.92	9.29	10.42
3.145	NA	NA	NA	0.55	NA	NA
56.515	46.41	39.43	41.08	32.5	26.545	37.055
386.54	283.66	237.855	268.105	194.94	170.985	239.53
257.455	122.01	123.455	126.27	80.615	57.765	91.025

51.115	25.46	29.125	25.105	18.19	25.545	17.03
298.295	241.73	298.105	263.565	222.475	321.075	201.24
8.39	4.53	4.925	3.94	3.015	2.245	2.295
80.39	63.33	54.31	58.64	54.34	35.62	50.365
48.425	42.56	30.59	31.97	26.405	23.79	35.14
60.71	62.39	61.445	54.795	42.935	32.01	46.13
47.935	41.92	40.61	44.04	32.665	25.945	31.005
78.03	66.07	74.52	67.33	71.275	50.42	77.19
138.89	120.07	109.595	113.715	95.225	75.35	114.325
146.49	116.59	122.84	124.715	94.2	82.105	121.085
63.615	75.73	65.995	65.36	61.445	43.26	71.12
56.77	38.48	34.435	36.7	27	22.44	45
136.02	116.03	59.495	91.15	62.755	53.05	103.48
6.075	3.94	3.07	3.38	1.545	1.655	3.63
4.255	3.19	NA	1.265	1.41	0.66	2.335
5.155	NA	NA	0.64	0.52	0.51	NA
NA	NA	NA	NA	NA	NA	NA
2.725	2.56	4.93	1.405	2.37	1.735	3.005
352.845	154.71	139.89	157.34	142.965	113.285	194.145
463.17	145.7	112.39	140.715	72.175	64.33	97.78
28.275	4.48	6.755	5.055	1.87	2.09	4.31
5.175	1.63	1.025	2.325	1.425	1.385	3.67
14.72	10.17	8.015	8.575	4.465	7.89	10.835
NA	NA	NA	0.62	NA	NA	NA
5.63	3.54	6.56	3.83	2.625	3.88	4.8
1127.66	473.45	516.865	514.72	467.115	418.885	645.915
7977.285	3125.73	2903.85	3115.465	2797.3	2200.08	3246.835
3229.08	717.16	629.135	681.785	321.56	262.025	369.51
35.085	16.86	11.325	9.245	6.62	6.235	6.495
19.205	10.76	5.785	6.715	3.725	2.335	3.575
2.05	2.4	NA	0.56	NA	NA	NA
10.13	7.32	7.935	6.88	6.74	6.27	6.93
918.68	787	789.955	791.665	745.63	579.925	903.605
15543.835	11982.46	11634.28	11223.415	10568.5	8285.52	13015.02
25612.255	12402.42	12485.08	12193.23	7639.86	5664.47	8473.36
759.655	301.71	300.28	305.805	170.1	134.1	191.3
274.345	96.07	112.94	99.87	74.1	76.35	95.235
124.075	28.78	33.945	28.105	11.56	11.52	12.24
7.665	3.94	2.06	3.04	2.705	1.62	4.35
353.275	457.11	457.75	413.525	388.39	289.62	506.585
6500.505	7219.03	7332.07	7588.565	6880.405	5176.645	7926.975
37332.615	36559.81	35417.33	34286.495	27899.365	20465.34	30712.895
3009.045	2274.73	2279.405	2290.51	1549.235	1191.845	1773.455
1582.19	959.39	972.905	925.47	953.13	829.915	1048.31
1245.47	660.13	680.455	636.43	407.63	369.855	429.35
133.66	78.89	74.19	68.835	35.095	29.275	42.055

59.16	58.61	53.9	54.73	50.64	38.005	55.925
181.155	180.32	188.865	200.215	169.205	137.04	211.915
958.705	1191.3	1132.51	1130.94	999.66	721.81	1144.385
620.38	655.18	574.445	612.54	542.655	441.435	690.28
2658.985	2675.49	2557.925	2586.955	2874.305	2119.695	2990.84
4951.115	4470.79	4317.815	4142.285	3659.855	2793.935	3877.325
1737.14	1893.6	1588.365	1621.945	1106.205	876.575	1282.75
10.185	15.03	12.915	9.035	10.685	7.705	17.005
31.07	31.67	34.92	30.96	42.95	32.975	69.19
160.195	150.27	189.61	171.415	209.15	147.88	299.995
88.16	93.73	80.95	75.67	75.91	57.035	95.385
156.455	152.12	142.06	143.625	146.75	114.34	194.275
602.32	611.26	645.465	629.74	718.4	561.195	869.475
1895.805	1807.21	1866.15	1831.43	1845.605	1331.02	2258.395
2.105	2.11	NA	0.47	2.68	2.34	5.025
5.845	11.08	9.205	10.305	19.345	13.54	22.105
31.525	55.12	44.685	48.44	78.675	46.655	99.81
16.3	25.57	21.635	21.775	27.37	18.555	34.985
12.285	14.27	13.62	14.525	16.995	12.63	18.815
39.75	38.08	31.435	41.3	56.265	37.585	55.07
44.355	41.22	53.395	50.005	47.01	39.56	68.255
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	1.84	NA	0.725
5.075	7.44	5.895	6	5.245	6.5	8.89
3.18	6.8	4.55	4.6	5.825	4.38	6.385
1.685	1.7	NA	2.005	2.64	3.29	5.61
12.975	7.97	11.61	8.215	16.81	18.04	26.85
9.835	10.86	6.775	9.235	16.215	12.36	20.175
3.51	7.065	2.57	2.085	2.305	2.865	2.295
17.66	11.045	16.9	18.24	20.7	15.36	22.68
3.755	1.56	4.09	3.95	3.745	4.68	2.345
0.345	NA	0.28	1.725	NA	0.755	NA
2.08	4.35	4.865	3.095	1.275	2.48	2.43
4.685	3.97	4.09	9.245	4.385	2.66	5.01
380.6	432.46	401.19	417.525	387.79	376.385	399.915
12.39	13.945	12.66	14.99	6.595	6.62	14.365
1.43	1.48	1.255	1.335	NA	NA	NA
1.535	NA	NA	NA	NA	0.63	1.025
9.915	9.465	6.87	12.645	9.17	7.035	10.15
13.375	14.895	25.365	23.435	14.415	4.84	12.99
10.025	20.57	21.97	23.67	7.845	4.305	7.09
1.39	1.18	1.51	0.73	1.96	0.42	1.76
7.33	16.315	9.355	11.315	15.39	13.13	13.83
132.27	276.325	230.395	332.11	248.8	143.72	163.285
50.545	64.475	44.995	73.185	39.495	44.775	62.465
41.745	51.875	63.44	63.04	63.09	64.035	78.265

4.41	6.225	4.47	5.42	5.195	4.175	7.405
0.16	0.375	0.755	0.605	0.555	NA	0.17
0.82	2.495	0.805	2.715	0.745	1.375	1.11
49	33.46	38.045	44.965	36.265	22.32	34.42
245.52	214.87	224.375	231.725	218.51	231.79	213.225
20.74	16.875	11.045	23.35	14.15	17.54	26.575
8.87	8.1	8.225	12.5	12.39	8.305	8.33
21.28	20.575	11.98	23.42	20.765	14.485	22.97
31.935	16.975	26.13	40.085	22.725	20.255	37.2
57.83	41.345	52.575	58.325	49.045	42.47	63.585
19.185	18.715	15.28	13.905	8.63	10.065	16.68
3.59	4.565	2.63	4.485	1.835	2.65	4.725
6.065	8.875	4.735	13.605	4.485	2.73	5.64
12.3	22.46	20.13	15.525	12.94	10.13	17.82
11.295	21.62	14.87	24.57	14.57	17.97	14.49
7.435	20.06	11.985	31.605	13.65	12.385	23.285
0.845	2.485	0.585	2.245	1.05	0.53	0.465
1.65	2.095	1.73	3.46	0.54	1.545	1.835
2.045	4.755	4.48	4.985	1.985	1.2	2.14
10.435	8.79	11.51	15.39	6.965	11.22	7.44
1.385	1.38	6.46	1.695	0.27	1.775	1.815
1.415	1.115	NA	1.155	NA	0.375	NA
NA	NA	2.49	NA	0.16	0.93	NA
NA	NA	NA	NA	NA	0.26	0.155
0.66	NA	1.1	1.615	1.52	1.125	0.435
5.105	7.545	6.27	12.585	2.685	3.51	4.55
49.905	85.1	52.705	96.775	40.28	37.895	63.17
10.625	25.42	33.35	18.75	7.255	4.99	14.275
0.29	NA	0.43	NA	NA	0.14	NA
0.415	0.57	0.855	0.595	0.365	0.68	0.99
9.06	9.055	5.63	8.93	5.73	7.55	6.92
1.725	2.305	1.335	2.3	0.87	1.68	1.33
10000	10000	10000	10000	10000	10000	10000
42.155	84.29	88.235	127.15	46.01	29.485	62.905
222.385	819.285	760.105	993.98	311.755	244.475	345.625
119.15	500.305	411.855	533.83	81.99	59.645	79.125
0.22	6.465	7.525	8.485	0.795	0.305	NA
NA	0.295	1.175	NA	0.485	0.27	0.205
1.675	0.9	0.79	NA	0.665	0.965	1.025
1.73	3.05	1.29	2.26	1.195	2.435	1.805
146.625	257.64	230.38	312.325	147.815	134.115	193.335
2486.25	4589.275	4581.445	5419.1	3040.755	2690.425	4041.46
2729.21	6984.42	6527.275	7697.17	2821.715	2305.85	3434.1
36.575	133.695	125.61	168.335	17.77	24.185	32.57
NA	1.99	1.13	1.505	0.57	NA	0.21
NA	0.855	0.22	NA	0.775	0.63	0.515

0.845	2.235	1.81	1.63	0.28	0.605	1.215
287.955	226.785	199.455	241.46	290.3	272.74	436.495
5401.985	4108.91	3936.39	5169.855	5088.31	5192.425	8518
8569.24	7359.18	7072.09	8712.975	9808.505	9094.78	13332.775
472.04	561.66	575.44	627.49	359.94	311.83	495.53
52.01	86.57	66.715	104.72	51.585	35.17	59.2
26.24	35.06	20.53	29.12	16.065	22.69	29.685
49.955	100.67	80.35	114.785	74.415	62.64	58.695
41.07	120.595	97.6	156.08	81.875	61.005	98.025
263.905	301.26	310.77	452.88	251.1	286.365	350.12
1164.055	613.475	798.135	977.635	1135.315	1199.61	1564.755
1231.825	691.465	741.77	851.685	927.4	893.34	1304.855
2015.39	1090.76	1031.35	1047.225	1043.685	1071.305	1431.705
871.535	754.28	633.54	722.13	519.585	476.835	688.25
78.49	70.185	77.385	67.595	56.99	34.705	67.235
73.12	92.01	86.81	161.7	120.885	89.735	118.36
117.805	145.215	126.77	247.33	149.115	151.4	165.365
133.055	131.78	156.9	188.385	124.41	134.38	178.81
165.775	195.17	205.225	238.2	144.31	126.46	207.05
211.335	92.545	107.625	113.77	115.68	119.3	181.19
427.065	197.78	174.08	250.54	244.815	227.135	355.815
445.535	242.785	162.385	302.39	176.795	164.715	274.075
3.655	4.06	3.595	11.455	5.77	2.81	5.69
13.155	12.665	24.975	24.17	21.48	18.15	28.325
86.96	74.445	105.66	114.47	93.39	89.53	115.07
153.91	122.61	133.84	159.925	133.725	116.945	164.415
16.2	11.51	14.785	28.585	11.07	6.365	19.54
3.125	2.125	1.88	2.345	3.155	1.625	2.1
4.13	3.29	2.205	2.27	2.495	2.36	2.65
2.12	3.335	4.96	7.95	2.45	0.625	3.68
4.695	3.495	6.115	7.445	3.44	4.805	2.37
9.85	13.71	7.96	8.31	4.435	8.35	15.57
15.865	10.955	10.98	17.955	11.36	10.085	22.37
21.815	18.7	11.875	20.81	16.22	13.47	18.945
27.8	12.63	18.79	17.43	12.045	12.975	16.215
5.935	8.3	7.715	12.2	4.38	5.99	8.05
4.43	5.955	2.835	3.71	3.865	3.08	2.755
0.81	1.015	0.415	0.655	0.16	1.175	1.055
NA	NA	NA	NA	NA	NA	NA
1.165	0.66	0.435	0.175	0.295	0.39	1.895
1506.03	1525.51	1487.375	1456.66	1481.63	1442.845	1481.13
1.3	3.015	1.87	2.37	2.01	1.15	1.66
20.6	13.97	14.24	9.42	8.545	9.79	15.195
73.725	76.245	75.35	87.3	81.44	68.87	95.65
6.075	11.5	10.785	11.345	4.915	4.975	9.665
25.285	50.52	51.87	55.295	36.745	40.35	38.13

NA	0.075	NA	NA	NA	NA	0.07
13.095	14.32	15.31	22.475	7.79	6.12	16.88
98.97	54.965	68.675	62.135	102.59	75.615	107.61
32.05	29.47	33.48	30.155	34.42	27.13	42.43
1.22	1.17	1.535	1.835	1.895	2.645	1.82
0.42	0.955	0.905	0.445	0.37	0.59	1.43
0.41	0.865	0.735	0.355	0.69	0.86	0.115
13.99	22.46	14.435	17.505	9.51	4.865	11.1
25.975	20.05	19.615	17.06	15.325	14.495	22.005
13.36	6.54	9.21	14.405	12.745	11.62	13.17
1.74	1.06	0.915	1.46	1.55	2.01	2.18
1.41	1.475	1.18	2.41	1.625	1.995	1.965
1.095	1.755	1.735	1.965	1.88	2.12	3.885
2.75	1.745	2.31	0.77	4.26	4.425	4.05
0.735	2.12	0.655	1.97	1.565	0.91	3.36
6.28	1.43	1.695	1.95	3.11	3.66	6.1
1.24	1.24	0.54	4.16	2.365	2.045	4.95
0.77	0.59	0.35	1.44	2.15	1.895	3.955
2.435	3.975	3.995	2.38	1.41	1.95	2.775
NA	NA	NA	NA	NA	NA	NA
5.23	3.98	3.28	4.185	2.9	2.955	3.32
1.035	1.89	1.83	1.3	0.96	0.795	0.795
0.245	0.285	0.495	NA	0.55	0.09	0.09
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
0.92	0.94	1.15	2.465	0.89	0.65	0.905
22.67	54.05	48.82	56.49	7.895	13.8	15.71
11.385	26.86	27.64	35.16	10.74	7.305	11.445
0.21	0.15	0.825	0.27	0.11	0.18	0.345
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
0.43	0.69	0.22	1.205	0.235	0.43	1.11
33000	33000	33000	33000	33000	33000	33000
152.8	275.29	259.145	349.615	79.135	71.365	106.635
361.57	953.025	1024.86	1368.215	289.54	232.13	361.29
3.345	28.47	28.8	32.685	1.45	0.605	1.275
0.185	0.45	0.625	0.545	0.22	0.255	0.08
NA	0.245	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
11.095	11.19	12.65	10.59	7.785	13.63	12.22
322.925	255.53	252.11	280.155	164.915	117.9	222.3
3045.165	3333.975	3294.39	4025.94	2026.325	1935.18	2808.45
657.22	1293.085	1358.005	1651.92	385.445	306.215	492.49
7.675	19.915	22.755	25.63	3.46	2.59	5.125

3.51	26.45	32.255	28.485	4.635	4.295	5.47
NA	1.195	0.83	NA	0.11	NA	0.07
0.405	1.455	0.545	0.605	0.49	0.15	0.135
272.47	112.89	103.985	149.455	161.275	153.18	248.33
4572.255	2136.58	1992.28	2862.88	3109.71	3099.78	4641.86
3259.575	2596.615	2511.515	3206.58	2126.035	1914.575	3145.18
84.44	96.83	87.405	102.9	51.82	46	61.335
46.965	107.425	95.165	128.055	52.125	45.935	61.785
12.825	35.935	32.17	69.405	9.99	8.575	13.23
1.875	1.62	3.22	1.88	0.205	0.3	0.335
4.515	2.165	2.8	1.865	6.105	4.085	8.185
91.01	41.6	39.31	62.785	83.795	87.06	126.195
296.37	193.475	146.3	231.835	316.915	275.085	464.795
50.685	46.81	40.535	50.315	51.265	37.41	70.8
106.025	83.565	79.48	108.93	100.5	92.92	127.885
67.76	106.455	99.77	127.115	72.445	65.2	104.155
12.835	19.755	15.705	18.595	7.4	7.065	10.835
0.735	0.12	NA	NA	0.4	1.4	1.29
19.06	4.045	2.775	4.66	34.83	30.74	57.99
91.25	41.33	31.705	68.715	150.755	197.995	261.36
13.97	7.995	4.62	21.175	19.195	17.33	28.52
19.945	19.13	12.06	14.665	20.615	21.48	31.99
88.565	82.08	72.72	82.14	100.97	98.235	157.09
164.07	157.425	142.055	186.2	148.6	131.61	182.88
NA	NA	NA	NA	0.095	0.425	0.435
0.575	0.105	NA	NA	3.6	4.655	10.865
14.38	3.895	1.745	8.49	27.04	45.635	44.205
2.84	0.315	0.3	4.67	6.975	8.04	16.335
0.24	0.12	NA	0.395	0.765	1.39	1.17
1.35	1.75	0.135	0.83	2.66	2.52	4.56
2.19	2.085	1.8	0.49	3.15	2.2	4.42
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.77	NA	NA	0.095
NA	0.1	NA	1.08	0.34	0.345	0.77
0.07	NA	NA	0.29	NA	0.065	0.175
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	0.07	0.345	0.245
0.22	NA	NA	NA	0.395	0.15	0.54
12.3	1.69	1.555	2.085	4.405	4.36	4.315
314.86	46.325	34.315	54.005	102.065	97.87	91.495
0.695	0.205	0.19	0.31	0.335	0.395	0.4
89.545	31.335	21.075	38.125	75.76	66.065	66.805
1782.185	813.96	570.43	948.065	1531.05	1540.415	1334.125
4.93	2.425	1.98	2.995	4.04	4.185	3.825
7.15	4.46	3.11	4.62	9.91	16.52	12.13
80.22	38.185	24.83	47.785	116.345	146.675	123.33

12.15	2.14	1.44	2.335	7.815	7.865	7.38
30.86	10.51	7.045	10.645	34.64	43.755	31.155
19.975	2.285	1.475	2.565	13.13	13.875	12.41
0.365	0.05	0.04	0.055	0.3	0.295	0.16
14.695	7.845	6.395	9.025	17.44	18.905	16.88
271.64	117.78	76.005	134.825	351.875	478.58	324.585
842.905	127.475	89.92	153.475	696.465	613.735	558.315
9.655	2.07	1.44	2.14	8.9	8.52	7.49
4.475	3.835	2.38	4.635	9.08	8.54	7.045
336.25	223.935	163.505	315.67	699.665	625.705	535.375
4547.035	2797.59	1940.22	4285.175	9269.57	9088.825	8670.26
166.315	94.855	61.345	135.4	356.705	368.815	286.43
0.115	0.06	0.035	0.035	0.09	0.115	0.225
1.21	0.43	0.225	0.355	1.215	1.29	2.42
5.215	2.645	1.85	3.47	10.91	14.365	10.74
1.715	0.68	0.435	0.93	4.015	4.68	3.36

sgAGPS_aSM	sgAGPS_aSM	sgAGPS_aSM	sgAGPS_nSM	sgAGPS_nSM	sgAGPS_nSM	sgAGPS_p24_
34250	34250	34250	34250	34250	34250	34250
5000	5000	5000	5000	5000	5000	5000
5000	5000	5000	5000	5000	5000	5000
NA	NA	NA	NA	NA	NA	NA
1000	1000	1000	1000	1000	1000	1000
44.325	52.71	43.78	61.28	84.39	76.78	50.725
83.04	131.75	134.34	160.485	143.005	143.44	162.53
234.505	418.59	307.54	473.735	489.375	698.01	477.735
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	0.57	NA	NA
1116.515	1150.755	1374.82	1659.645	1033.745	1418.34	1340.52
1403.555	1576.215	1813.37	1578.085	1230.21	1778.445	1743.865
NA	NA	NA	NA	7.005	2.12	NA
NA	NA	NA	NA	NA	NA	NA
177.2	142.545	180.48	115.755	99.12	76.08	124.39
41.64	60.925	101.64	40.455	43.43	46.095	53.49
23.57	40.135	71.7	NA	35.36	13.825	28.985
NA	7.76	9.32	NA	3.835	3.355	11.715
NA	NA	NA	NA	NA	NA	NA
3.95	27.43	40.44	NA	8.01	2.94	48.73
NA	NA	NA	NA	NA	0.585	NA
19.47	26.23	47.81	14.05	18.36	29.84	32.195
NA	NA	NA	NA	NA	NA	NA
NA	7.7	9.25	NA	25.805	17.305	11.66
125.1	199.06	200.03	425.885	253.53	350.99	225.705
NA	NA	NA	NA	NA	NA	NA
1032.645	989.685	1194.5	1325.52	1144.955	1604.23	1286.15
NA	NA	NA	NA	1.515	NA	NA
NA	NA	NA	NA	NA	NA	NA
27.495	50.475	36.48	9.42	43.395	58.15	35.97
131.09	143.405	151.07	146.515	143.345	128.58	146.67
42.885	52.815	33.15	18.19	26.86	20.14	25.06
NA	NA	NA	NA	NA	NA	NA
NA	NA	4.48	NA	4.715	2.795	NA
3.165	7.415	9.16	NA	3.935	2.27	5.09
NA	NA	NA	NA	0.64	NA	NA
NA	NA	NA	NA	7.8	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
82.805	110.655	105.62	170.36	170.175	208.26	164.08

NA	NA	NA	NA	NA	NA	NA
27.775	32.22	56.21	69.975	44.235	14.88	30.555
NA	2.005	3.11	NA	3.965	1.25	NA
NA	9.385	NA	NA	6.205	1.665	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	5.75	NA	4.29	2.125	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
11.395	1.605	4.93	24.035	53.465	31.605	7.74
43.325	44.39	45.12	143.97	165.4	156.34	95.62
2.915	6.395	4.8	3.34	8.095	8.105	3.82
75.515	88.845	96.585	188.76	253.405	212.37	198.44
214.595	229.62	276.26	456.405	555.04	551.42	758.22
5.545	10.775	7.1	7.725	13.835	11.745	11.27
59.755	61.095	74.885	75.85	72.855	79.98	85.5
9.175	8.455	14.315	13.615	16.755	11.685	1.93
5.085	1.935	5.49	3.205	5.43	8.03	1.57
37.355	32.485	42.53	38.41	43.165	46.1	44.26
NA	3.845	10.37	6.065	11.9	16.645	NA
94.065	70.725	120.055	75.545	134.28	121.34	76.48
295.36	293.53	468.045	278.665	329.785	320.29	445.12
614.185	399.305	715.795	639.82	921.275	804.75	550.34
496.675	490.84	682.4	807.975	1011.88	1042.66	643.95
165.875	193.995	230.495	119.51	172.61	245.655	152.79
435.87	410.425	562.83	352.98	425.23	413.69	843.95
3483.78	2839.46	4270.385	4207.68	5081	4483.505	5141.17
3259.72	2870.795	3950.56	4669.375	5102.225	5008.01	6403.11
NA	2.84	0.335	2.195	3.695	2.045	NA

14.505	14.47	21.675	12.21	15.43	16.55	16.83
19.52	15.63	38.965	32.545	44.5	52.195	19.44
108.87	107.16	142.965	156.635	174.64	156.77	116.34
15.215	16.775	10.36	15.24	24.185	22.07	17.29
11.535	14.22	14.28	15	23.155	24.76	12.15
722.445	621.13	946.28	946.935	1194.135	1143.435	930.85
101.155	95.8	121	170.245	186.625	188.82	161.35
21.455	21.31	18.255	14.05	34.485	37.445	10.68
20.295	21.32	26.215	25.73	28.525	22.72	26.86
0.505	1.625	1.645	3.665	1.72	2.34	3.33
13.365	10.5	10.235	12.26	13.25	13.33	7.87
NA	NA	3.65	1	NA	1.09	NA
1.61	2.1	4.23	4.455	13	6.965	NA
9.27	8.6	13.845	10.57	22.615	19.78	15.73
26.24	28.455	28.79	21.935	36.545	49.22	9.46
4.805	4.545	4.335	5.21	7.395	7.08	4.52
1.91	4.21	2.3	2.81	5.235	4.89	1.08
10.635	20.39	20.145	15.95	19.545	16.42	10.48
20.83	25.825	33.135	30.96	38.725	33.57	13.83
25.805	24.68	22.83	24.72	23.57	33.98	20.66
26.825	22.03	26.885	27.65	41.265	31.32	31.4
90.615	101.845	132.54	141.29	166.165	192.57	147.57
6.125	5.84	8.575	7.36	9.01	8.97	3.67
4000	4000	4000	4000	4000	4000	4000
NA	NA	NA	NA	NA	NA	NA
4.04	3.84	8.775	8.885	8.605	9.77	7.645
0.58	0.49	1.66	1.89	1.495	1.255	1.495
10.91	7.265	13.65	18.34	13.64	12.075	11.285
6.29	4.765	6.29	8.26	8.08	7.87	8.405
15.58	19.21	21.12	61.72	56.025	48.535	79.025
7.475	4.9	5.405	11.805	7.665	7.865	7.98
101.385	102.155	131.355	238.54	213.305	240.27	674.165
1.45	1.19	2.425	2.755	2.525	2.61	2.39
29.62	33.14	31.22	33.685	32.385	29.635	98.505
3.72	6.17	6.725	17.92	14.49	14.75	9.815
17.36	19.885	24.3	20.29	18.105	19.84	41.22
11.205	16.245	18.96	21.835	28.01	29.82	29.715
171.51	167.605	229.81	157.985	153.825	148.8	480.49
242.56	213.33	307.315	427.96	356.49	383	501.035
186.14	180.19	224.025	142.605	157.275	160.6	626.655
1105.16	1070.96	1231.825	1376.13	1289.425	1362.27	3898.41
29.18	29.465	33.78	23.05	36.025	35.84	55.715
2.045	3.28	3.945	13.65	3.62	8.92	1.99
1.955	1.66	2.57	2.16	1.445	2.825	2.52
0.58	1.065	0.685	1.1	0.885	1.86	NA
3.315	2.135	3.885	4.63	2.12	3.48	7.47

2.715	4.235	7.755	7.59	5.505	7.65	9.965
2.62	2.51	3.885	2.235	1.925	2.435	8.845
13.705	15.805	18.235	16.93	18.86	16.94	57.22
2.315	2.77	3.18	4.135	4.56	4.43	3.435
0.305	0.365	0.315	0.37	0.53	0.3	0.405
NA	0.12	0.085	0.035	NA	0.085	0.11
33.595	35.35	42.435	35.6	42.54	35.59	32.385
12.77	12.445	14.09	23.82	30.02	26.89	17.135
0.42	0.605	0.375	0.4	0.53	0.48	0.395
3.88	6.31	6.525	3.445	4.26	3.335	4.825
38.155	38.995	43.41	34.955	46.28	35.925	50.365
0.36	0.4	0.705	0.645	0.67	0.58	0.77
0.815	1.26	1.015	0.66	0.74	0.74	0.995
2.6	3.9	3.77	2.235	2.46	2.555	4.78
1.35	2.96	1.125	1.32	1.21	1.155	1.385
0.81	1.41	1.38	0.76	0.83	1.015	0.985
0.655	1.045	0.69	0.785	0.57	0.785	1.01
0.74	2.07	0.625	0.74	0.65	0.485	1.335
3.34	NA	3.275	3.95	5.02	5.87	2.385
3.22	NA	4.56	5.125	5.22	4.16	4.74
NA	NA	NA	NA	NA	NA	NA
26.525	19.05	43.235	34.08	61.09	47.34	34.485
21.9	21.97	39.335	66.54	76.08	62.59	37.04
NA	NA	NA	NA	NA	NA	NA
23.73	19.435	40.605	34.185	33.07	34.425	32.27
166.23	150.395	233.26	219.16	282.71	223.62	219.6
2.38	NA	4.665	6.905	5.76	5.785	3.87
NA	NA	NA	NA	NA	NA	NA
6.525	17.025	15.23	17.965	8.8	13.495	22.94
NA	NA	NA	NA	NA	1.625	0.935
NA	NA	NA	0.89	NA	2.755	NA
NA	NA	1.595	0.835	2.54	0.835	2.135
1.03	NA	NA	1.995	2.86	2.285	1.63
NA	NA	NA	NA	NA	NA	NA
0.98	2.795	1.95	1.225	0.71	NA	1.205
NA	NA	NA	NA	NA	NA	NA
2.375	3.08	0.555	2.035	1.87	2.725	4.18
6.185	13.2	12.1	16.02	10.83	10.32	30.765
NA	NA	NA	NA	NA	NA	NA
83.59	97.27	100.08	98.705	43.69	84.11	51.26
103.2	108.395	128.13	174.45	51.53	93.63	125.02
0.285	1.575	NA	1.75	0.785	0.64	NA
0.725	0.595	NA	NA	0.215	NA	NA
3.24	1.57	5.99	6.595	2.865	5.235	3.835
9.07	6.045	8.47	10.885	3.57	7.075	3.125
3.25	3.58	2.485	4.05	0.665	4.67	2.97

1.53	1.67	1.815	3.135	0.2	0.98	1.1
2.44	0.555	2.835	6.705	1.035	3.63	2.855
NA	NA	NA	0.44	NA	0.085	NA
13.215	7.705	8.05	15.835	10.89	9.07	15.525
NA	NA	NA	NA	NA	NA	NA
0.955	1.45	1.725	1.915	1.415	1.79	4.645
0.835	1.98	0.575	1.03	0.51	0.78	3.575
NA	NA	NA	NA	NA	NA	NA
5.565	4.17	8.355	2.48	2.16	3.985	4.14
15.58	19.475	25.255	18.66	10.485	15.625	19.835
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	0.2	NA	NA	0.22
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
0.11	NA	NA	0.465	NA	0.105	NA
NA	NA	NA	NA	NA	NA	NA
262.455	303.935	321.345	291.335	356.97	355.945	283.3
71.175	87.52	93.725	85.57	96.6	92.77	83.75
7.3	12.64	10.56	8.84	11.64	11.785	9.23
1.7	2.99	1.875	2.32	2.3	2.63	2.385
0.465	1.005	0.75	0.725	0.84	0.725	0.84
3.305	3.64	3.81	3.8	5.16	4.46	3.65
148.195	179.48	191.92	281.495	298.95	271.805	164.545
1213.33	1413.965	1378.75	1048.27	1371.82	1356.33	1373.195
1211.575	1365.975	1429.91	1456.145	1696.25	1693.505	1312.83
120.17	120.08	143.125	133.77	164.63	157.555	135.255
5.48	6.745	6.56	6.725	6.8	6.925	6.58
1.215	2.03	1.6	1.32	1.13	1.645	1.29
13.71	15.46	15.73	18.6	20.12	18.38	15.025
1375.56	1571.595	1630.795	1914.43	2302.99	2129.875	1623.605
763.975	468.375	1003.585	845.845	980.41	1059.25	1029.805
2921.085	1631.575	3423.02	2682.575	3493.84	3270.285	3742.335
750.875	516.035	1055.075	1062.515	1390.79	1308.59	1027.25
42.825	24.535	51.32	46.605	55.4	55.63	56.145
3.19	2.455	3.835	4.115	3.76	4.28	4.3
17.81	14.92	18.335	18.65	23.26	25.42	17.14
228.025	282.545	281.8	237.1	321.19	354.975	387.87
925.105	1173.715	1176.895	788.875	1046.41	1004.255	1514.605
1367.905	1814.18	1861.53	1139.58	1437.76	1421.17	1953.13
126.875	150.27	159.545	102.59	128.13	134.145	169.375
29.255	16.47	37.235	20.365	26.48	27.015	30.91
29.76	20.975	36.175	19.01	19.88	24.235	26.04
174.25	98.085	195.685	144.205	179.21	186.215	209.475
153.925	228.735	187.27	140.15	177.73	187.53	237.41
327.06	401.58	399.42	213.485	254.91	301.04	490.99

72.595	241.035	172.305	62.72	69.83	158.565	148.835
42.73	73.395	58.71	35.585	38.87	56.61	53.865
61.87	62.555	74.325	37.76	44.98	49.055	55.46
65.185	86.18	80.24	44.42	54.46	71.665	66.185
41.11	98.435	100.005	41.285	43.12	82.805	86.04
22.59	221.975	137.53	27.52	28.67	134.605	87.085
20.225	98.31	30.455	24.145	19.41	79.53	49.505
21.675	40.31	29.92	17.86	20.25	30.735	26.105
32.68	51.34	37.38	23.445	30.05	43.84	34.38
7.24	13.7	8.1	6.115	7.59	10.395	11.255
11.37	27.915	11.285	8.545	10.16	15.4	16.2
14.445	76.745	17.23	15.935	13.16	40.84	33.085
13.57	97.06	13.18	11.955	10.61	52.425	41.93
10.595	26.525	15.96	9.4	13.44	19.885	11.7
10.57	21.48	15.03	10.5	12.36	22.58	13.06
2.07	7.505	3.08	2.215	1.95	3.9	2.57
4.365	10.485	3.805	3.215	2.98	5.45	4.305
12.36	26.555	10.715	8.345	6.84	13.3	14.57
3.88	18.97	6.3	3.75	3.13	10.45	7.675
3.885	21.55	9.99	5.045	5.83	16.705	6.955
4.465	26.33	16.05	5.78	3.94	20.935	7.175
2834.195	3131.15	3467.095	6160.845	6523.48	5947.38	3124.485
480.165	492.59	572.745	1140.915	991.33	1069.245	711.575
11.18	10.195	12.54	38.58	39.95	40.65	19.18
0.685	0.98	0.865	1.11	1.83	1.13	1
0.985	0.67	1.02	1.165	0.94	0.875	1.45
1.07	2.4	1.27	0.975	1.51	1.27	1.535
11.77	42.94	12.525	11.365	12.34	11.8	14.14
29240.265	33753.04	36595.02	40547.53	49930.37	48940.55	35567.92
14163.14	15818.62	18293.345	37086.345	40732.12	35612.21	16566.96
192.52	199.455	219.505	948.265	1057.43	935.545	274.49
5.67	7.395	8.64	23.465	26.22	25.565	11.135
4.285	3.25	4.74	5.505	6.07	5.315	7.85
4.47	4.54	5.22	5.525	5.31	6.73	7.04
23.58	34.535	26.355	30.54	35.11	36.42	29.18
36815.24	42847.73	48481.185	54095.435	67903.48	69117.195	45042.095
145820.89	152126.09	172042.065	227623.305	269660.91	254465.82	162536.785
22974.045	23544.485	28197.53	80614.47	94670.22	88295.635	29832.305
132.56	128.76	158.94	384.535	446.28	413.345	175.48
6.46	6.595	8.855	14.21	15.91	15.155	12.68
14.55	14.31	15.86	16.86	15.82	19.16	28.7
111.725	117.215	129.79	125.565	151.9	153.55	140.885
11162.74	6423.6	13263.985	9816.575	12862.1	12743.79	14933.115
187416.615	108846.47	226175.295	171771.96	221864.44	221154.785	262190.975
125482.93	68501.73	154456.645	213135.705	264856.11	258191.12	192724.35
2506.765	1439.015	3062.515	4870.19	6435.66	5900.975	4140.475

99.5	58.69	117.055	193.41	223.19	211.94	149.025
43.245	26.2	54.22	43.95	48.87	51.84	57.03
113.345	62.485	142.43	147.74	181.27	193.01	183.34
572.1	675.85	624.18	409.89	523.27	608.995	753.08
14770.23	16915.265	18739.61	10945.72	14773.79	15097.295	22254.795
113439.735	133722.22	142559.985	103503.235	141558.38	129409.1	193360.935
6651.91	7178.405	8934.61	6515.895	8528.63	8396.05	10645.47
1056.775	1133.455	1301.06	782.38	943.31	940.245	1252.73
886.52	939.095	1026.56	536.635	592.35	549.4	832.93
221.145	218.845	253.775	235.87	279.35	263.615	252.295
57.215	67.31	64.77	48.16	55.63	71.05	70.27
729.705	850.725	901.335	494.76	646.73	645.135	1027.865
7943.06	9479.82	10008.39	6227.995	7057.38	7236.55	12237.075
1056.235	1250.365	1368.71	862.445	1114.98	1057.205	1770.305
488.23	614.89	604.465	410.915	495.25	476.065	708.675
1825.205	1780.295	2139.745	1126.865	1319.5	1226.925	2262.175
1625.245	1906.59	1998.605	1040.325	1236.82	1122.645	1852.43
9.495	22.145	10.87	12.085	13.73	19.955	14.195
41.03	50.79	46.03	39.265	47.99	49.375	65.76
199.155	270.575	223.94	150.925	195.71	196.17	318.23
118.735	183.22	139.225	83.005	113.82	118.405	189.21
39.3	78.46	48.665	43.235	46.94	53.65	75.41
195.485	207.14	216.16	154.23	202.09	192.265	296.895
740.17	795.57	916.51	598.03	747.21	680.105	1128.585
2.12	5.39	3.445	2.585	2.37	5.37	3.495
10.07	15.23	11.915	9.02	12.44	12.84	17.57
43.21	50.105	48.715	34.58	48.72	46.19	72.985
29.23	48.05	38.63	22.135	26.82	30.125	55.035
6.07	17.875	8.54	5.825	7.29	13.705	10.885
17.99	35.065	23.57	15.835	18.37	29.715	24.86
55.375	86.815	70.85	45.46	48.02	66.995	88.89
0.595	3.26	1.285	0.955	0.74	1.73	0.835
2.295	5.665	2.22	2.085	1.75	2.81	2.515
8.61	14.31	10.935	5.42	6.96	7.35	12.825
8.525	13.93	12.895	5.635	8.08	8.435	16.63
1.75	8.265	6	2.165	1.98	7.51	3.35
2.685	26.92	17.04	3.975	3.7	21.935	7.98
5.05	47.045	23.775	6.21	5.22	30.495	11.975
10.745	34.275	17.885	15.885	22.13	19.67	23.095
6.03	4.49	8.6	5.78	8.32	12.47	8.49
507.805	569.82	553.905	581.51	549.53	551.38	563.055
8.93	15.435	9.725	16.185	20.79	27.09	13.575
NA	NA	2.75	NA	NA	1.075	2.71
40.34	53.18	64.53	79.84	105.59	115.18	79.295
303.575	331.26	368.815	452.605	522.47	481.02	388.785
158.86	165.795	221.61	323.79	388.39	330.28	184.56

19.49	25.79	33.495	26.28	42.91	28.195	28.745
337.245	311.76	404.54	242.115	344.66	258.73	351.665
NA	NA	NA	1.685	2.25	2.58	3.73
37.645	54.86	65.16	59.1	79.52	79.91	57.505
22.25	19.805	27.7	31.54	30.36	31.555	32.16
10.06	8.475	22.935	17.335	19.72	19.83	19.75
32.315	20.84	29.64	35.355	44.32	49.61	38.39
78.45	37.415	106.035	113.76	107.45	119.655	103
76.655	64.28	125.57	88.415	94.71	105.73	102.35
30.315	22.335	46.065	47.025	37.13	46.245	33.185
68.62	78.885	74.015	73.105	81.23	84.16	74.14
73.4	63.58	105.67	125.2	132.71	168.915	106.81
244.03	171.71	344.13	449.44	356.31	457.4	373.38
6.825	10.9	5.715	11.865	15.47	17.07	11.125
4.935	NA	7.405	6.815	8.13	8.74	7.725
1.97	1.275	7.47	8.03	10.01	8.21	6.335
NA	NA	NA	NA	NA	NA	NA
2.96	14.91	1.45	5.195	6.21	3.975	4.55
313.03	315.18	377.215	699.495	918.43	850.745	500.885
511.755	467.845	685.525	1629.365	1879.21	1728.875	721.41
18.765	22.135	27.91	92.99	116.14	101.97	34.245
7.095	9.19	12.605	10.22	10.34	13.2	14.575
30.39	15.54	43.93	37.73	40.6	47.77	44.245
NA	NA	NA	1.895	2.36	0.9	2.18
3.875	7.25	7.095	4.365	7.16	6.25	8.18
1010.75	1240.665	1290.37	2339.87	3029.22	3088.56	1663.31
9735.015	12518.41	13053.37	25261.735	29227.22	29664.26	14439.3
3903.6	4616.52	5098.445	13870.35	17294.88	15574.33	5642.64
31.075	32.165	46.575	95.04	109.62	118.55	45.365
29.605	26.795	42.965	70.18	110.83	80.395	49.235
NA	NA	4.05	6.82	9.29	5.89	4.17
8.145	9.69	13.075	9.63	6.47	12.05	9.995
1610.705	1957.395	1862.365	2244.94	2534.93	2735.91	2267.285
26332.08	32499.33	34365.76	41346.315	47074.3	49128.565	37849.91
46377.215	51653.245	63455.96	92291.225	113645.09	107230.61	67298.435
966.895	1145.73	1287.355	2493.99	2841.32	2813.875	1481.255
435.38	398.31	589.15	840.43	1169.03	837.09	571.32
165.19	186.06	276.665	487.905	715.62	460.665	236.49
4.875	6.465	8.32	12.98	21.53	15.88	12.675
576.13	439.59	775.635	582.805	757.99	684.27	736.545
14868.78	10257.92	18818.65	15593.215	18414.99	18331.28	19574.3
81285.805	58245.015	110321.09	107186.34	129334.49	130509.85	128134.325
4687.645	3069.19	6204.435	7291.575	9279.34	8579.925	7392.37
2378.7	2195.05	3286.515	4139.925	4479.49	4553.005	3237.595
2747.71	2674.3	3971.43	4361.91	5938.69	4489.09	3657.81
323.375	353.945	463.755	567.515	684.38	616.89	401.03

26.99	34.575	32.73	35.33	43.09	38.35	41.655
321.765	349.675	365.145	333.3	389.87	354.855	472.54
2590.95	2593.935	3015.095	2540.075	3709.88	3392.895	3675.43
986.515	1048.885	1305.71	1080.525	1460.92	1484.08	1361.315
4522.68	3095.57	6128.065	5056.66	5786.65	6026.86	5451.875
10449.065	5893.765	14051.8	12803.605	14954.17	13502.755	12718.365
4923.305	3082.405	6295.955	6075.38	6591.98	6492.88	5287.165
17.15	27.665	19.985	14.08	28	23.31	21.615
55.35	80.22	69.89	61.68	66.95	72.57	62.04
328.345	369.055	382.41	347.975	508.18	431.025	463.395
146.76	165.695	189.65	192.09	225.51	205.51	203.535
175.5	268.025	218.48	214.01	253.13	293.665	251.485
1173.01	1457.535	1406.34	1543.665	1741.63	1877.62	1572.71
3963.21	4555.445	5024.235	5478.475	6263.28	5788.395	5020.28
1.435	8.425	3.465	3.765	2.38	8.31	5.285
16.345	13.93	17.855	12.2	15.2	16.32	15.365
90.395	86.25	95.97	80.08	94.9	97.48	93.01
49.99	56.825	50.34	42.385	51.55	55.325	63.25
18.565	20.84	19.885	15.95	24.88	25.22	18.04
63.17	96.535	89.615	86.905	86.28	94.305	82.71
85.17	88.58	127.255	126.81	182.45	152.035	141.59
NA	2.975	NA	NA	NA	5.015	0.725
1.51	6.225	1.29	1.46	NA	5.8	1.345
13.85	19.415	15.005	6.875	7.63	10.03	11.88
10.135	18.715	10.09	6.595	7.17	7.515	10.385
2.675	11.84	7.805	2.72	5.47	14.175	5.26
10.665	42.875	42.185	16.195	16.63	56.405	19.325
18.46	41.365	53.465	20.355	22.08	78.845	28.885
2.72	1.945	1.915	2.71	1.86	4.315	3.095
19.17	12.9	11.005	10	16.025	19.08	6.69
6.945	4.135	5.285	4.005	4.065	3.87	2.775
NA	1.125	NA	1.9	0.615	NA	1.025
3.485	6.77	7.88	9.33	3.29	4.645	6.03
7.48	12.96	7.93	15.845	8.625	10.08	14.285
379.695	348.71	438.54	360.435	401.55	398.685	443.9
6.355	9.49	18.545	11.34	16.6	17.31	9.595
1.565	1.25	NA	1.575	0.24	0.855	NA
0.27	0.305	NA	1.66	0.55	0.63	0.995
14.58	14.86	12.72	24.78	14.63	11.215	25.795
18.435	38.015	19.155	62.785	18.29	27.11	55.92
4.53	3.475	4.01	11.235	6.165	6.97	7.755
2.89	4.78	3.84	5.145	2.375	2.515	2.085
22.07	13.275	15.94	48.3	22.88	22.615	23.7
158.765	382.245	235.255	456.675	161.47	170.74	339.73
53.695	57.015	78.88	93.555	86.955	118.495	121.585
56.03	51.33	71.82	70.58	62.515	75.575	83.19

4.675	5.425	4.255	2.355	6.035	5.28	5.475
NA	1.455	NA	2.425	NA	NA	0.385
0.71	1.515	0.33	2.2	1.085	0.86	1.23
36.51	35.935	45.175	58.535	59.09	82.485	77.085
230.285	203.52	295.1	297.46	269.13	299.01	262.555
21.13	22.185	24.705	34.32	27.945	26.36	19.97
13.745	8.275	7.36	7.225	6.265	5.845	8.39
6.25	11.35	14.665	16.93	10.995	8.93	19.13
36.715	41.04	54.245	71.56	74.665	63.985	55.58
73.175	71.175	79.955	113.81	84.545	98.605	100.06
12.855	11.175	12.645	22.535	21.63	18.595	17.885
1.48	4.79	4.185	5.995	3.075	4.39	4.59
7.755	6.725	8.275	22.425	6.51	4.66	6.26
27.86	23.615	26.97	30.03	30.365	30.205	23.04
20.42	16.88	34.31	39.22	33.365	38.965	34.295
26.71	56.155	33.85	116.15	28.87	31.455	42.465
0.335	1.095	NA	7.31	0.885	0.225	2.885
4.325	1.44	2.985	13.955	6.475	3.165	1.505
2.145	6.385	1.05	8.16	2.32	7.21	5.76
19.875	15.46	14.8	27.715	11.34	22.865	25.82
1.36	NA	1.395	1.185	0.885	1.11	1.055
NA	1.53	0.355	1.105	0.19	0.89	NA
0.24	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
0.695	0.64	NA	0.36	0.26	0.315	0.58
7.655	7.01	12.85	21.175	10.225	24.355	33.56
89.945	75.6	123.025	133.785	122.63	128.315	195.315
19.15	22.795	32.515	35	36.66	36.48	84.105
NA	NA	NA	NA	NA	NA	NA
NA	0.955	NA	1.965	NA	NA	0.47
4.405	10.27	6.18	9.9	4.37	6.5	9.345
0.91	0.38	NA	1.64	1.165	1.485	0.925
10000	10000	10000	10000	10000	10000	10000
60.23	72.015	73.76	118.67	93.23	108.56	210.13
582.605	682.335	837.1	969.23	823.395	1180.595	2666.405
289.25	262.395	391.75	551.83	402.15	586.1	1471.85
1.55	2.01	1.895	5.915	3.705	7.785	19.13
0.31	NA	NA	1.855	0.345	0.88	NA
0.8	1.455	NA	2.515	0.595	1.08	0.485
1.585	1.82	2.6	NA	1.48	1.17	1.265
206.66	239.235	364.82	438.81	382.34	411.245	724.205
5015.06	4947.11	6724.27	8167.41	7304.99	9667.69	13099.285
6920.775	7700.92	9545.505	12279.115	9492.23	13331.795	19945.69
86.355	101.705	94.66	273.66	173.59	257.57	432.55
1.255	0.565	NA	2.775	0.985	1.745	2.675
NA	NA	0.39	1.265	0.815	0.535	1.535

0.69	1.18	1.69	3.335	1.3	0.655	1.26
425.085	568.43	570.865	617.495	648.275	779.425	578.905
8932.24	10127.225	13005.645	10990.865	12438.695	17155.695	9731.76
15946.675	17064.8	23638.225	20712.91	21307.595	25258.19	18409.79
978.065	1157.165	1482.51	1593.115	1440.29	1974.53	1577.175
85.535	86.375	112.995	144.23	97.36	126.5	120.795
34.05	20.925	31.855	57.415	27.84	29.445	53.705
66.65	111.135	101.955	131.935	64.265	64.25	111.155
98.705	237.09	154.985	397.96	137.255	153.3	494.875
552.695	814.515	687.39	1314.62	716.325	970.48	1002.995
2417.76	2975.045	3600.67	5018.715	3762.51	3956.97	2509.07
1887.825	2065.57	2581.235	2749.125	2458.55	2766.49	1743.47
1811.8	2107.64	2655.63	1708.565	1897.235	1782.22	1262.205
1150.33	1267	1906.255	1231.115	1154.59	1237.225	1011.88
165.45	162.985	217.035	304.085	201.81	243.105	199.6
166.285	305.39	225.815	467.4	161.78	205.24	282.59
235.33	400.945	403.625	757.255	233.725	323.605	460.985
315.385	375.64	426.715	552.825	495.865	467.01	459.075
349.295	347.86	455.03	513.94	507.52	643.45	440.885
133.77	171.435	220.23	347.34	314.46	315.175	210.72
324.575	397.2	562.335	658.6	572.385	508.925	407.33
433.875	461.06	526.68	685.24	632.515	776.505	597.655
12.745	22.58	14.085	66.895	15.945	11.935	28.305
45.02	61.525	71.65	119.86	44.97	52.275	59.345
148.48	163.67	184.955	351.42	157.135	185.135	168.765
276.825	265.32	316.985	457.425	263.28	365.535	236.89
39.07	45.095	36.02	84.2	35.365	51.905	39.05
5.39	5.715	3.895	14.8	7.205	6.44	9.505
1.88	2.355	7.235	11.615	2.995	4.44	4.705
3.515	11.275	13.005	27.38	4.24	6.375	6.735
6.72	10.45	7.245	20.755	5.785	6.285	20.57
16.55	19.455	22.525	34.92	19.905	21.17	35.46
26.595	28.265	32.015	68.49	29.15	47.455	40.465
21.23	29.905	34.105	77.77	30.245	35.555	24.72
22.3	29.67	36.33	69.03	19.245	29.63	22.38
11.34	8.18	14.505	23.42	14.215	11.905	9.525
2.27	1.15	0.7	2.44	1.94	2.75	2.25
0.58	0.19	0.48	0.625	1.095	0.61	0.685
NA	NA	NA	NA	NA	NA	NA
0.62	1.585	0.7	3.35	0.7	0.87	0.93
1517.07	1514.935	1569.285	1499.845	1533.005	1557.655	1573.31
1.355	0.74	1.73	2.3	2.225	2.895	1.38
8.5	8.665	8.63	14.5	17.01	15.825	13.685
22.795	26.285	49.415	43.2	36.84	28.935	51.78
1.705	0.75	3.3	1.855	1.025	2.495	3.36
42.09	38.82	40.32	65.19	41.28	35.775	50.64

0.1	NA	NA	NA	NA	NA	NA
12.575	18.015	23.495	29.62	31.365	34.56	33.81
69.52	76.08	89.18	64.5	103.525	108.76	74.64
20.445	25.16	29.14	20.775	39.85	36.71	37.25
1.025	0.745	0.415	1.11	0.44	0.94	0.885
NA	NA	0.145	NA	0.145	0.1	0.14
NA	NA	0.13	NA	NA	NA	0.32
17.525	15.815	24.285	39.93	34.22	30.555	38.545
36.63	41.46	34.01	51.065	58.74	50.22	34.195
9.5	15.59	18.685	17.565	36.545	35.27	12.045
0.745	1.28	1.495	1.375	1.765	1.045	2.36
0.115	0.875	0.99	0.825	1.5	0.39	0.705
0.2	0.355	0.125	0.34	0.34	0.5	0.77
2.72	3.43	4.11	2.09	4.135	3.435	2.655
5.325	8.33	5.75	6.3	6.73	5.21	3.625
3.82	4.375	4.095	10.005	10.05	5.59	3.81
0.545	1.145	1.045	0.485	1.64	0.175	1.355
0.21	0.495	NA	0.545	0.335	0.375	0.25
3.64	4.9	3.05	6.47	4.965	3.465	5.62
NA	NA	NA	NA	NA	0.1	NA
13.095	9.11	8.615	13.265	11.265	11.055	12.865
3.065	2.33	1.155	6.505	6.72	3.32	11.205
0.345	0.2	0.31	0.52	1.16	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
1.265	0.46	0.44	0.77	0.615	1.34	0.715
57.585	54.215	68.805	106.985	94.4	110.605	182.165
18.08	25.265	25.79	36.91	26.63	41.95	95.57
NA	0.535	0.93	0.33	0.655	0.14	2.05
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
0.39	0.725	0.27	1.2	1.24	0.28	0.425
33000	33000	33000	33000	33000	33000	33000
221.08	245.45	277.115	505.635	500.035	654.63	820.415
988.385	1258.34	1319.61	1734.4	1401.39	1872.16	3948.535
14.49	21.32	23.33	40.495	27.895	37.495	121.825
0.31	0.145	0.495	1.38	3.245	1.04	3.68
NA	NA	0.135	NA	0.22	NA	1.385
NA	NA	NA	NA	NA	NA	NA
15.155	9.035	11.835	14	14.92	12.485	10.445
421.395	497.53	610.905	555.8	741.435	725.835	662.515
6454.455	6431.62	8037.5	7378.18	9003.5	9555.98	10248.5
1764.97	2008.23	2399.985	2865.67	2767.885	3290.84	4723.705
24.14	25.24	32.88	49.73	46.85	51.145	81.46

25.92	29.415	33.435	63.055	43.32	43.195	117.04
NA	0.405	0.13	1.075	NA	0.41	2.13
1.18	0.5	0.835	2.675	2.02	1.68	1.255
371.33	411.46	493.965	203.87	441.755	453.945	273.37
6527.045	7513.62	9305.055	4756.205	7674.305	8087.88	4916.47
5562.185	6098.19	7803.1	7293.005	8753.755	11077.4	7253.055
129.41	159.67	214.505	281.395	271.965	270.975	207.205
130.48	174.705	187.16	273.215	243.155	250.88	241.775
47.345	53.155	55.015	106.775	80.185	74.51	156.97
1.01	0.465	2.07	4.09	3.995	3.3	8.39
10.815	5.69	11.49	3.97	11.75	9.88	3.275
164.185	196.955	199.915	178.91	264.82	247.405	119.45
751.185	840.64	1034.32	761.48	1130.725	1146.77	647.93
97.225	104.555	157.32	115.655	139.515	132.505	94.395
189.905	193.52	213.48	228.725	241.475	225.01	175.48
186.74	212.85	266.375	342.595	279.93	270.205	246.24
32.715	35.86	48.18	48.22	52.575	48.93	56.345
1.4	0.81	1.3	0.95	0.57	0.595	0.645
40.7	34.55	59.245	31.62	65.05	53.51	19.91
232.055	331.235	358.755	294.92	361.23	476.01	170.09
34.455	41.82	48.14	56.725	69.77	69.625	27.565
28.105	30.16	36.85	26.835	44.935	62.78	38.2
162.675	182.25	249.27	160.55	164.655	202.69	192.605
303.34	291.565	377.47	255.06	281.57	289.905	319.315
NA	NA	NA	NA	NA	NA	NA
2.975	4.875	2.47	1.12	3.99	7.105	1.775
27.74	39.005	44.6	18.865	63.575	47.995	11.415
13.46	11.875	16.36	12.3	22.535	29.65	5.415
0.115	0.195	1.03	2.535	0.85	0.645	0.95
3.89	2.92	3.515	3.43	6.07	7.775	4.96
5.215	3.79	7.705	5.71	12.165	9.82	4.365
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	0.18	NA	NA
NA	0.495	0.445	NA	0.82	0.345	0.665
NA	NA	NA	NA	0.145	NA	NA
0.4	NA	NA	NA	NA	NA	NA
NA	0.165	NA	NA	0.26	NA	NA
0.14	0.73	0.585	0.965	0.355	0.11	NA
9.58	11.825	16.05	28.78	33.43	28.49	9.44
216.985	291.14	391.59	763.885	792.895	865.74	229.965
0.725	0.73	1.115	2.74	3.35	3.96	1.25
109.42	123.145	196.24	188.725	196.515	195.27	143.6
2299.37	2420.165	3671.43	3774.1	4198.24	3922.67	3565.275
5.985	7.025	8.56	13.705	15.24	15.35	10.505
13.21	15.73	28.455	11.03	15.74	11.66	10.455
196.19	227.445	358.95	191.075	181.295	180.94	141.065

21.09	24.86	28.21	35.965	44.165	35.93	11.135
71.945	78.3	129.675	51.255	68.695	55.26	32.08
37.365	43.925	62.22	58.525	67.305	76.72	13.23
0.42	0.47	0.89	1.66	1.795	1.74	0.33
36.49	34.55	53.775	26.2	28.275	26.07	25.075
960.64	968.39	1371.465	658.33	721.5	658.22	464.34
2027.085	2290.465	3443.35	3222.58	3078.395	3310.6	983.92
16.78	18.29	23.93	29.27	34.16	38.64	10.5
13.77	15.53	26.8	7.48	12.545	10.26	15.075
1035.71	1074.585	1576.56	688.555	946.25	862.85	910.48
14025.49	15124.265	24494.78	12231.31	14821.49	14514.1	12938.5
355.335	428.555	632.555	445.715	499.7	618.46	412.935
0.125	0.2	0.195	0.155	0.22	0.22	0.245
1.83	2.595	2.505	2.155	2.84	2.25	2.525
26.185	26.07	39.42	19.9	30.145	29.73	21.925
7.505	9.355	14.665	7.475	8.64	9.58	5.665

sgAGPS_p24_	sgAGPS_p24_	sgAGPS_1	sgAGPS_2	sgAGPS_3
34250	34250	34250	34250	34250
5000	5000	5000	5000	5000
5000	5000	5000	5000	5000
NA	NA	NA	NA	NA
1000	1000	1000	1000	1000
82.105	61.19	123.375	124.445	118.065
164.565	163.305	205.92	211.05	206.47
432.675	457.315	449.425	559.465	638.97
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
1541.56	1907.505	1246.36	1765.355	1664.72
1972.37	1673.975	1693.055	2116.735	2030.83
1.805	NA	1.81	1.455	NA
NA	NA	NA	NA	NA
147.175	96.215	135.59	181.07	141.545
86.025	56.785	63.435	80.03	83.44
27.72	27.53	26.735	42.25	39.27
8.125	NA	2.105	8.23	2.365
NA	NA	NA	NA	NA
45.885	34.445	20.815	10.575	45.705
NA	NA	0.625	NA	NA
31.79	50.605	26.685	21.305	66.35
NA	NA	NA	NA	NA
14.65	NA	30.55	33.635	54.945
188.705	132.915	230.285	340.49	409.84
NA	NA	NA	NA	NA
1156.765	1328.79	1452.21	1587.19	2082.91
NA	NA	1.27	3.555	NA
NA	NA	NA	NA	NA
36.695	37.685	52.405	79.025	62.645
148.88	131.005	202.765	196.505	361.29
32.77	36.155	54.385	50.6	67.77
NA	NA	NA	NA	NA
2.69	NA	2.72	7.505	9.675
6.365	NA	3.96	13.795	16.045
NA	NA	1.335	2.955	NA
9.75	NA	NA	2.92	1.81
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
110.54	99.405	152.69	226.225	208.095

NA	NA	NA	NA	NA
22.685	13.105	62.92	53.71	77.355
NA	NA	5.875	7.98	2.855
6.04	NA	7.625	11.115	4.445
NA	NA	NA	NA	NA
NA	NA	NA	4.16	5.605
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	1.555	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
22.825	13.82	7.805	4.81	17.765
143.505	126.475	62.615	68.67	86.795
9.685	1.47	NA	2.37	NA
314.5	291.335	139.025	107.025	170.51
916.54	789.67	459.88	407.68	546.625
23.91	19.185	16.385	4.64	11.165
111.105	102.975	73.06	73.97	106.455
9.135	6.645	4.875	10.265	4.745
3.905	5.41	6.675	3.305	4.395
61.595	50.695	39.015	35.355	49.775
7.465	3.53	7.8	3.965	9.025
178.54	146.13	136.605	55.63	108.59
608.93	521.055	284.635	169.66	340.795
737.76	744.44	772.335	639.68	877.52
882.22	738.91	822.74	490.42	946.29
398	289.135	197.295	205.57	113.605
1103.405	945.82	353.085	204.035	405.52
6107.345	6218.665	7821.18	5561.9	5867.09
8772.07	6804.635	4673.69	2774.795	5240.91
5.64	NA	2.005	NA	NA

21.28	20.41	9.41	14.87	18.415
19.83	13.31	31.88	17.13	33.625
148.2	139.685	129.895	138.46	160.175
21.4	14.16	19.735	11.17	15.1
18.2	19.965	17.825	17.535	21.415
1286.56	1146.945	2227.465	1876.1	2611.535
214.345	210.795	188.175	88.22	201.78
18.805	16.535	48.4	15.325	38.855
26.93	28.105	30.68	29.295	31.995
3.92	2.06	0.84	0.695	0.325
15.01	9.015	6.685	8.575	8.505
NA	NA	NA	NA	NA
1.575	3.23	NA	2.11	NA
20.075	14.035	9.1	8.65	13.905
22.735	17.41	12.865	17.255	24.41
5.345	5.85	2.98	4.865	2.63
4.5	4.75	2.3	1.14	1.13
21.29	18.555	12.34	11.35	12.98
32.765	27.11	31.33	27.11	27.28
46.525	31.81	13.295	11.13	17.145
50.965	29.41	23.775	22.885	31.25
193.905	189.26	155.4	97.745	178.415
5.575	4.3	5.575	2.64	7.74
4000	4000	4000	4000	4000
NA	NA	NA	NA	NA
5.27	6.455	7.605	9.795	11.52
0.99	1.15	0.965	1.085	0.8
11.755	13.53	21.34	9.275	13.025
6.735	6.5	6.98	4.27	4.205
68.425	67.35	35.16	22.125	22.37
4.61	5.775	8.35	9.355	14.475
644.765	611.755	162.635	101.36	151.99
2.2	3.615	2.025	1.11	1.25
72.72	79.005	30.165	14.71	29.825
9.29	9.885	14.76	5.315	6.415
40.695	45.8	19.29	8.585	16.065
27.365	27.45	23.83	9.62	26.345
427.24	494.745	164.02	88.735	113.66
552.19	542.795	471.05	216.365	268.895
590.015	671.79	178.575	97.27	165.84
3698.44	4069.08	1636.3	899.54	1389.86
55.385	62.925	35.43	23.675	34.06
4.875	2.055	3.07	18.26	3.22
1.655	1.785	0.38	2.79	0.685
1.105	1.005	0.18	1.21	0.24
5.325	5.875	2.435	1.725	2.16

13.655	11.02	4.4	4.555	5.59
7.875	8.67	1.5	2.28	1.73
53.215	52.475	22.31	12.95	18.76
2.065	2.95	3.33	3.62	2.95
0.28	0.26	0.22	0.39	0.19
0.07	0.095	0.06	0.3	NA
23.805	34.675	34.49	64.335	38.08
11.395	15.445	14.9	26.31	15.97
0.39	0.545	0.26	0.92	0.29
3.525	5.275	8.88	11.075	7.67
35.575	48.39	54.05	68.185	53.46
0.53	0.695	0.63	3.515	0.48
0.78	0.82	0.71	1.84	0.76
4.69	5.755	6.49	10.115	5.055
1.19	1.3	1.87	1.78	1.49
0.8	0.925	1.37	1.775	1.66
0.73	0.83	1.16	1.255	0.795
0.455	0.695	1.29	1.525	0.995
1.72	3.365	1.72	3.385	NA
2.545	3.08	2.12	5.69	3.19
NA	NA	NA	NA	NA
21.8	25.98	29.25	33.69	29.585
28.56	34.06	15.57	35.26	28.9
NA	NA	NA	NA	NA
24.345	26.645	22.57	44.635	33.125
158.895	185.91	116.87	198.29	153.28
2.83	5.145	NA	7.935	NA
NA	NA	NA	NA	NA
15.845	32.67	22.15	29.175	23.475
1.76	1.98	NA	3.27	NA
NA	1.955	3.12	2.745	NA
NA	1.12	2.12	4.925	NA
NA	NA	NA	4.735	NA
NA	NA	NA	0.59	NA
1.18	0.805	NA	0.79	0.77
NA	NA	NA	NA	NA
5.565	8.35	2.76	1.955	3.135
16.345	30.34	4.36	9.78	13.52
NA	NA	NA	NA	NA
31.41	52.575	45.87	52.14	67.025
98.135	108.04	67.425	76.515	78.885
1.49	NA	0.335	0.555	0.685
0.785	NA	NA	NA	NA
2.91	2.57	1.655	1.76	2.6
2.345	4.24	4.655	6.795	6.815
2.455	0.57	2.645	0.95	1.93

	2.965	0.575	0.56	0.94	NA
	0.865	1.09	0.775	3.88	7.165
NA	NA	NA	NA	NA	
	15.21	15.545	8.365	12.94	19.515
NA	NA	NA	NA	NA	
	4.265	4.195	0.25	1.255	1.935
	0.855	2.185	0.44	0.915	0.85
NA	NA	NA	NA	NA	
	5.265	2.95	3.545	8.96	6.115
	22.5	22.425	13.6	19.515	10.68
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA		0.8	0.205	0.545
NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	
NA	NA		0.385	0.375	0.235
NA	NA	NA	NA	NA	
	229.34	303.955	273.19	296.1	308.465
	77.345	79.995	88.49	97.725	95.57
	8.42	9.81	11.93	12.73	10.94
	2.54	2.9	2.3	2.785	2.925
	0.67	0.675	0.84	1.09	0.735
	3.125	3.635	4.52	5.385	4.76
	153.135	168.145	172.28	184.21	204.675
	1111.46	1466.445	1420.85	1394.14	1598.14
	1173.095	1391.84	1478.22	1513.47	1435.75
	116.95	132.91	150.03	158.22	160.82
	5.545	6.805	5.47	7.44	5.4
	1.325	1.485	1.46	1.755	1.415
	13.32	15.01	18.51	19.255	19.355
	1139.6	1679.94	2064.09	2029.69	2038.825
	846.685	1073.61	992.75	972.9	1133.11
	3318.105	4030.385	3195.59	3847.14	3889.385
	945.47	1002.245	849.29	912.425	901.985
	44.26	56.66	52.21	56.74	57.13
	3.385	4.12	5.15	4.275	3.76
	15.135	20.735	20.25	24.89	23.455
	306.76	432.58	309.58	261.15	300.255
	1276.875	1490.74	1249.06	1152.425	1385.125
	1676.28	2044.37	1677.53	1845.115	2090.095
	156.015	187.18	171.8	167.91	174.815
	26.435	31.165	28.42	34.435	30.685
	23.945	25.115	25.02	28.82	29.125
	183.565	222.54	236.62	279.835	326.93
	228.84	239.025	222.35	184.84	233.685
	413.8	489.01	415.93	379.845	457.605

127.215	166.25	120.63	137.925	107.965
46.52	50.8	48.82	47.085	49.87
53.645	56.09	71.36	64.185	63.66
65.645	68.05	103.12	90.045	87.3
73.35	92.95	58.81	60.06	50.325
82.6	98.015	77.16	54.87	27.255
55.16	43.245	35.93	28.97	19.25
31.175	31.73	36.78	28.34	23.48
38.365	44.275	44.11	43.74	40.03
9.88	10.27	9.65	12.145	9.315
17.88	16.395	12.33	14.91	14.08
44.005	29.395	30.26	25.67	16.485
58.645	36.415	28.04	28.375	7.29
16.005	13.045	16.71	12.655	10.325
16.105	15.45	18.33	12.79	11.825
5.37	3.5	4.26	3.855	2.55
6.745	5.495	6.09	5.035	3.775
20.575	13.35	20.17	14.655	12.975
12.645	6.53	6.6	7.345	3.215
11.4	6.86	9.71	8.615	4.18
11.11	6.68	8.34	8.615	3.43
2500.665	3291.13	3325.43	3275.79	3350.055
583.18	727.125	848.98	640.005	714.185
16.565	18.315	14.04	14.31	14.405
0.83	1.23	0.86	1.01	0.885
1.125	1.325	1.75	1.945	1.275
1.485	1.31	1.97	1.955	1.275
10.715	11.4	17.15	21.38	15.89
25008.695	36267.765	42877.93	44123.79	44637.38
13480.75	17902.095	15394.41	16397.69	15895.025
228.54	300.83	161.55	167.12	182.91
9.255	10.36	8.46	9.82	8.255
8.595	9.555	10.78	11.465	9.98
5.455	6.98	8.9	6.805	6.66
23.69	30.555	31.24	32.63	30.345
35558.195	47726.45	59712.27	61708.435	70454.92
125448.77	157761.69	193525.21	211324.525	202344.255
24354.885	32304.715	24521.19	22890.74	22350.26
158.045	177.295	127.43	132.005	118.765
10.985	14.765	14.23	12.805	11.275
22.94	28.365	30.96	27.745	29.02
105.36	152.2	131.67	138.3	141.805
11939.955	15874.19	20489.29	19549.84	22365.92
205148.52	274923.3	322824.62	334473.355	383857.26
148605.03	182179.17	163432.05	165389.58	178740.775
3289.525	3963.71	2806.66	2869.14	3064.125

111.125	138.03	86.1	96.025	89.48
40.14	54.615	44.46	47.71	41.085
158.28	187.65	131.23	145.3	163.98
679.54	833.98	1126.5	999.35	1280.105
18183.35	24031.86	26301.33	28813.545	31879.87
154240.53	197946.3	201548.62	232439.215	234160.11
8670.405	10983.885	8929.54	10700.6	10102.95
1149.925	1297.575	1140.67	1232.835	1287.735
637.68	838.04	906.22	841.7	817.815
207.625	265.74	183.13	174.95	176.97
72.635	95.77	96.76	82.8	102.29
840.39	1159.51	993.14	1056.62	1236.525
9724.37	13318.66	8769.81	11829.155	12156.07
1441.47	1908.39	1605.07	1572.525	1878.825
622.43	717.11	728.09	684.82	778.31
1836.99	2145.215	2003.63	2077.54	2193.595
1771.085	1796.075	1907.72	1865.63	1772.895
23.185	15.98	26.86	19.94	16.585
58.11	62.615	61.38	61.27	93.265
254.245	325.285	296.45	320.04	374.27
179.47	213.45	170.85	173.35	214.205
66.23	77.85	60.15	63.625	67.41
263.075	297.085	266.22	314.845	330.765
952.37	1101.245	1130.8	1154.625	1367.46
3.975	2.705	4.39	5.28	4.065
13.82	16.18	20.17	21.97	31.36
61.995	69.715	77.25	109.745	117.105
48.635	57.315	49.76	56.035	56.4
10.56	11.775	9.95	9.215	8.11
25.515	29.51	24.26	22.255	23.53
75.98	91.655	69.6	81.91	76.28
1.38	0.735	1.25	1.82	0.93
3.935	2.585	4.37	5.595	4.285
13.575	11.58	14.83	15.465	19.045
15.685	15.35	12.91	13.73	15.815
5.505	3.155	4.26	4.88	2.705
10.265	6.925	10.47	10.745	3.945
14.505	9.675	13.65	14.28	6.785
13.365	17.88	17.31	18.795	14.465
7.91	10.875	7.16	11.17	8.725
484.185	512.565	498.17	561.375	552.115
9.57	13.4	8.46	17.7	12.795
1.845	NA	NA	1.19	NA
56.9	78.82	55.41	53.725	64.315
344.175	437.53	272.12	329.215	309.4
158.145	209.9	100.28	133.415	104.785

17.82	24.05	16.73	27.285	21.475
262.435	226.07	259.37	380.945	347.385
NA	1.75	NA	2.19	NA
49.86	69.215	30.36	44.62	39.955
18.56	23.465	16.42	25.01	22.275
9.26	14.655	6.17	12.34	9.83
39.68	39.15	26.35	47.225	33.765
64.915	91.525	90.63	124.735	102.33
61.54	82.105	66.88	86.625	82.585
28.63	35.055	24.41	37.545	27.08
62.105	75.44	55.97	71.195	65.855
94.305	100.365	100.91	117.45	100.99
318.56	384.205	393.29	340.53	399.445
10	12.995	8.53	11.22	10.105
5.695	3.945	7.07	11.995	6.36
5.4	4.57	3.78	9.05	3.085
NA	NA	NA	1.67	NA
2.94	3.7	4.75	5.445	2.615
377.315	494.33	316.86	362.94	379.89
549.71	749.97	374.92	477.195	452.055
21.865	39.305	17.6	15.325	18.07
5.71	10.015	9.11	10.845	7.22
26.31	31.045	29.41	39.65	35.375
2.88	NA	NA	3.13	NA
4.245	4.465	3.67	6.73	5.955
1353.21	1729.785	1073.56	1413.535	1661.45
10940.165	15697.995	9960.19	12554.7	13596.335
4167.81	5680.57	2400.52	2700.145	2827.875
32.825	45.465	20.4	32.91	28.845
28.775	35.39	22.31	39.775	33.94
2.2	4.825	3.3	4.48	1.73
9.48	8.88	9.11	9.615	7.255
1749.16	2439.095	1787.65	2127.53	2213.31
28838.145	41124.055	30451.91	36047.33	40469.925
52425.35	69411.415	38078.56	50787.955	43693.33
1078.05	1455.14	725.25	825.91	839.91
355.735	460.26	313.21	534.24	437.24
122.805	167.35	68.64	133.18	109.25
6.335	10.065	6.61	7.54	6.635
639.9	805.86	629.12	837.035	923.51
15812.52	20460.405	15410.33	19590.825	21536.265
92477.08	132296.37	87126.86	109345.25	107433.415
5638.135	7172.68	4567.49	5667.44	5267.53
2247.705	2984.33	2794.34	3742.965	3493.85
2146.84	2956.495	1890.65	2797.52	2625.035
268.72	339.535	198.92	244.97	195.405

30.945	40.385	34.16	44.85	39.615
379.775	448.465	336.79	414.685	442.975
3246.74	3860.97	2640.18	3152.975	3817.585
999.26	1393.925	1011.46	1380.685	1524.335
4184.99	4926.3	4930.32	6418.285	7685.965
10703.6	12792.39	10710.1	13626.625	12329.595
3979.54	5453.12	3625.61	4892.27	5000.825
21.805	25.495	17.34	19.87	26.095
64.2	69.895	93.92	86.245	111.955
407.925	449.315	477.65	527.775	608.83
193.735	224.34	159.68	203.24	215.97
211.37	248.505	245.09	256.455	305.335
1139.27	1520.38	1365.39	1785.945	1805.07
3462.73	4998.835	4169.19	5115.645	5538.655
5.575	6.64	3.95	4.105	6.21
15.555	17.43	17.96	23.205	25.165
89.02	99.205	91.56	126.615	149.06
81.195	70.51	62.34	70.615	82.225
16.945	22.775	20.28	36.46	29.57
66.28	93.18	85.71	115.88	140.415
106.67	134.955	134.39	138.99	155.85
1.375	0.98	NA	3.01	NA
4.5	2.52	1.7	3.625	3.715
15.975	10.39	8.57	16.025	13.345
11.83	13.105	8.4	10.595	11.52
4.84	5.475	4.76	7.23	4.46
22.68	27.935	25.37	33.86	22.25
31.94	37.14	26.12	34.41	28.74
3.555	2.855	1.925	3.055	2.85
11.945	18.08	16.275	11.29	23.475
3.89	8.725	2.2	4.325	5.8
0.32	0.455	NA	NA	0.85
1.69	8.33	6.055	4.39	5.77
7.155	9.54	7.29	7.985	11.7
392.55	389.77	395.905	406.96	425.075
13.595	12.955	10.935	8.165	15.225
NA	2.445	0.245	2.15	1.11
NA	0.32	0.905	NA	1.31
18.26	20.52	23.175	17.215	18.455
22.085	47.57	38.48	29.46	49.915
17.1	16.145	5.09	4.54	4.56
2.45	5.43	3.18	2.73	5.92
27.12	29.8	33.725	34.26	34.365
236.9	313.4	270.255	235.81	226.645
121.85	99.95	85.235	106.84	88.545
59.39	79.205	73.65	75.825	82.52

6.315	4.055	4.405	4.69	3.57
NA	NA	NA	NA	0.285
NA	0.61	2.23	1.41	0.865
63.465	68	52.84	40.28	63.07
252.395	159.905	256.35	237.495	318.36
15.865	12	28.06	18.29	18.32
11.14	6.54	7.015	5.89	10.355
11.385	13.64	8.465	10.475	11.58
94.43	48.81	60.97	84.645	87.39
102.095	63.22	96.23	113.125	96.26
21.06	15.505	13.63	17.42	11.76
8.59	3.38	4.605	4.355	5.77
6.91	10.96	11.185	6.515	8.44
33.41	22.11	30.295	36.51	52.85
43.97	36.385	54.125	57.005	85.01
43.735	55.495	68.69	52.595	49.72
2.02	2.995	1.26	2.88	0.445
3.83	1.53	1.215	2.445	3.215
7.125	10.69	4.395	7.39	5.37
12.95	23.26	13.55	15.085	25.685
1.525	2.36	0.635	1.13	0.39
NA	0.425	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	0.47	0.81	NA	0.83
35.74	36.84	19.88	18.605	31.055
224.22	244.28	98.535	125.685	156.26
66.845	63.785	18.185	18.33	21.355
NA	NA	NA	NA	NA
NA	0.44	0.24	0.37	0.4
4.72	3.79	4.11	3.26	12.57
NA	1.665	1.43	2.375	1.095
10000	10000	10000	10000	10000
348.495	275.63	191.88	211.215	229.11
3527.37	3084.255	1166.325	1509.91	1388.175
1622.745	1597.51	299.09	344.83	378.125
27.35	26.81	0.26	2.405	1.745
NA	0.635	NA	NA	0.4
0.825	NA	1.88	0.63	1.74
2.06	2.43	0.955	0.45	2.615
996.78	769.925	706.645	688.935	885.29
16702.615	14384.555	10430.27	14334.07	13838.065
24343.83	22651.775	11731.815	13959.77	14224.715
581.535	488.475	114.835	99.165	132.835
3.585	2.235	0.465	0.715	1.935
0.73	0.38	2.11	0.515	1.715

1.53	0.355	0.765	1.145	1.215
767.275	524.615	788.68	1022.525	933.445
13748.92	7911.955	14821.935	20628.825	18437.93
23975.705	16687.175	28247.055	36375.52	31737.14
2112.52	1311.02	1400.825	1680.225	1431.02
141.15	96.88	65.22	79.14	56.75
28.16	32.625	43.125	40.48	37.06
83.625	97.42	96.85	71.865	76.755
498.475	365.66	285.415	304.26	261.125
1258.225	813.615	1169.525	1422.57	1343.505
3514.03	1865.53	4360.185	5693.6	5071.53
2213.225	1508.39	2480.81	3395.285	3196.265
1540.335	1015.995	1368.66	1591.595	1627.57
1148.3	780.42	1126.88	1309	1167.85
224.955	178.755	229.435	251.07	230.85
239.49	197.525	341.115	322.05	318.855
408.98	372.155	620.17	481.81	581.99
581.325	444.565	556.69	715.565	664.23
623.46	588.18	521.145	657.8	642.615
225.22	135.015	288.05	326.5	254.765
402.03	341.36	587.235	681.765	564.3
638.66	431.1	577.045	807.145	618.47
26.34	21.845	32.5	24.235	18.405
56.065	50.265	88.875	78.415	98.01
167.56	168.405	247.35	294.285	312
355.495	266.4	330.05	425.04	428.735
40.375	34.945	36.165	38.7	30.14
4.855	4.435	6.175	7.545	7.12
10.47	4.21	7.435	7.615	5.705
11.445	13.185	7.78	8.52	9.575
17.51	12.815	12.125	16.42	11.025
29.485	30.7	33.025	35.575	32.86
35.735	25.93	37.51	40.47	61.82
25.505	17.33	35.075	38.42	34.93
21.5	15.705	26.96	20.285	15.315
9.165	18.89	10.145	10.825	13.6
3.37	3.51	2.2	2.325	2.26
0.895	0.74	0.72	0.825	0.475
NA	NA	NA	NA	NA
0.63	1.105	1.615	1.025	1.65
1563.76	1544.06	1540.975	1454.56	1578.5
0.715	0.77	1.315	1.3	1.885
14.28	15.31	6.205	7.13	7.55
46.63	43.035	19.185	26.915	34.46
3.905	3.125	0.63	1.965	0.625
50.16	52.92	41.605	28.685	43.86

NA	NA	NA	NA	NA
31.345	57.475	17.815	16.88	17.445
87.08	88.755	78.93	85.96	67.06
31.345	30.895	20.13	24.735	20.455
0.295	1.685	1.305	0.23	0.93
NA	0.56	NA	NA	0.145
0.165	NA	0.25	NA	NA
33.49	38.965	18.015	28.125	24.055
43.455	45.8	28.41	35.47	36.02
17.09	11.555	16.985	21.92	17.465
1.35	1.785	2.24	0.835	2.11
0.89	1.135	1.1	0.77	0.525
NA	0.615	0.52	0.34	NA
1.735	2.705	5.32	3.935	4.37
4.775	3.56	4.105	1.92	4.02
3.31	3.95	4.57	7.47	8.18
0.155	NA	0.555	0.535	0.12
NA	NA	NA	0.69	0.655
3.435	4.63	6.14	7.69	6.62
NA	NA	NA	0.28	NA
15.43	18.885	13.875	7.45	12.475
4.375	4.825	3.635	3.32	7.5
0.18	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	0.795	0.625	2.025	1.56
221.85	182.555	45.355	43.965	57.72
100.64	89.595	24.33	22.735	28.365
0.69	1.36	NA	NA	0.325
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
0.565	0.19	0.58	0.295	0.41
33000	33000	33000	33000	33000
868.67	898.515	190.56	269.06	266.06
4151.48	4214.4	1107.565	1478.25	1276.37
141.445	162.385	13.99	9.675	12.23
4.685	6.685	0.38	0.92	0.155
1.275	1.98	0.26	NA	NA
NA	NA	NA	NA	NA
9.275	10.725	7.96	6.345	12.005
678.84	779.035	507.415	626.805	516.545
11081.55	10976.5	6891.685	9249.585	8019.87
5553.61	5415	1724.155	1907.235	1950.525
98.73	81.04	18.415	20.17	19.46

129.575	135.07	29.435	30.945	29.26
3.47	7.805	NA	0.14	NA
2.375	3.71	0.27	0.825	0.665
332.165	301.795	409.57	560.1	455.3
4975.365	5413.765	8082.39	10648.36	9252.97
7310.495	7305.295	7003.515	8872.46	7540.34
239.3	279.2	138.335	183.39	157.09
299.605	317.12	201.18	191.42	211.425
146.52	161.195	47.885	41.5	54.085
9.765	7.11	1.875	1.41	0.705
3.045	5.185	9.08	15.09	9.055
155.59	107.62	247.615	349.915	241.175
733.195	697.495	1190.605	1438.975	1131.005
120.575	100.67	116.935	186.825	148.585
191.67	153.965	229.075	219.1	240.97
329.86	287.715	216.1	236.415	247.6
48.84	61.125	25.4	34.2	31.82
0.47	NA	3.61	2.95	2.73
38.225	23.955	90.1	123.74	100.415
162.675	167.825	477.985	702.475	502.345
27.23	32.04	61.05	90.915	83.81
30.595	27.55	40.795	58.82	48.95
204.3	200.65	283.62	283.67	301.53
284.355	291.31	308.305	320.295	381.125
NA	NA	NA	0.45	NA
1.875	0.235	12.825	25.335	20.335
15.315	10.34	92.025	129.815	114.165
5	1.94	26.995	46.745	43.885
0.61	0.155	1.42	1.15	1.48
2.515	2.88	9.975	11.765	8.63
4.04	4.585	8.325	11.995	6.285
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
0.19	NA	1.2	1.7	1.15
NA	NA	NA	0.25	0.675
NA	NA	NA	NA	NA
NA	NA	1.125	0.81	0.47
0.145	NA	1.04	1.87	2.21
7.91	9.15	23.59	10.07	20.675
285.37	260.78	493.255	293.25	480.585
1.325	1.08	2.235	1.41	2.295
158.955	136.18	223.925	118.375	217.57
4011.39	3418.28	4593.95	2258.59	4057.96
14.435	11.81	14.78	11.785	15.195
10.135	10.71	18.425	8.8	16.445
136.775	134.38	261.68	126.97	230.735

12.6	12.73	34.87	17.83	33.72
32.02	33.86	87.085	51.605	67.83
16.56	13.48	77.565	33.34	60.37
0.335	0.27	1.89	0.775	1.15
25.63	29.15	33.555	21.435	38.685
505.165	528.2	1049.795	634.595	952.28
1163.4	1047.16	3786.955	2264.17	3069.24
15.345	11.55	39.245	29.68	38.22
15.32	17.55	20.745	9.29	19.35
951.11	926.02	1644.305	832.07	1629.795
11504.625	11332.38	26030.95	13430.955	24842
478.55	373.67	1006.78	546.085	941.055
0.155	0.21	0.65	0.135	0.41
2.13	1.76	8.78	2.185	4.71
19.13	13.41	48.965	30.72	45.425
4.335	4.08	24.74	11.055	16.135

LipidName	standard_ion	sgAGPS_aSMase_p2_1	sgAGPS_aSMase_p2_2
C12SM	C12SM	34250	34250
C17Cer	C17Cer	5000	5000
C17Cer(-H2O)	C17Cer	5000	5000
C8GC	NA	NA	NA
C8GC(-H2O)	C8GC	1000	1000
CL68:3_C16:0	CL56:0	30.92	24.385
CL68:3_C16:1	CL56:0	55.26	44.795
CL68:3_C18:1	CL56:0	135.495	161.98
CL68:3_C18:2	CL56:0	NA	NA
CL68:4_C16:0	CL56:0	1.23	1.795
CL68:4_C16:1	CL56:0	470.27	444.225
CL68:4_C18:1	CL56:0	520.285	578.045
CL68:4_C18:2	CL56:0	3.53	2.84
CL68:5_C16:0	CL56:0	NA	NA
CL68:5_C16:1	CL56:0	111.235	102.99
CL68:5_C18:1	CL56:0	48.785	51.06
CL68:5_C18:2	CL56:0	36.385	33.65
CL68:6_C16:1	CL56:0	8.72	9.69
CL68:6_C18:2	CL56:0	3.3	1.715
CL70:2_C16:0	CL56:0	NA	NA
CL70:2_C18:0	CL56:0	NA	NA
CL70:2_C18:1	CL56:0	3.37	4.55
CL70:2_C20:1	CL56:0	NA	NA
CL70:3_C16:0	CL56:0	9.135	9.12
CL70:3_C18:1	CL56:0	81.885	85.53
CL70:4_C16:0	CL56:0	0.455	1.46
CL70:4_C18:1	CL56:0	455.83	471.075
CL70:4_C18:2	CL56:0	1.995	1.27
CL70:5_C16:0	CL56:0	NA	NA
CL70:5_C16:1	CL56:0	46.53	48.39
CL70:5_C18:1	CL56:0	131.3	158.575
CL70:5_C18:2	CL56:0	33.22	49.785
CL70:6_C16:0	CL56:0	NA	NA
CL70:6_C16:1	CL56:0	7.98	10.73
CL70:6_C18:1	CL56:0	13.745	7.645
CL70:6_C18:2	CL56:0	5.985	8.67
CL70:7_C16:1	CL56:0	6.57	6.445
CL70:7_C18:2	CL56:0	NA	NA
CL72:10_C16:1	CL56:0	NA	NA
CL72:10_C20:4	CL56:0	NA	NA
CL72:11_C16:1	CL56:0	NA	NA
CL72:11_C18:2	CL56:0	NA	NA
CL72:11_C20:4	CL56:0	NA	NA
CL72:11_C22:6	CL56:0	NA	NA
CL72:4_C18:1	CL56:0	65.125	67.81

CL72:5_C18:0	CL56:0	NA	NA	
CL72:5_C18:1	CL56:0	48.435	50.195	
CL72:5_C18:2	CL56:0	7.04	6.08	
CL72:6_C18:1	CL56:0	7.135	9.375	
CL72:6_C18:2	CL56:0	4.27	3.85	
CL72:7_C18:1	CL56:0	7.23	7.995	
CL72:7_C18:2	CL56:0	NA	NA	
CL72:8_C18:2	CL56:0	NA	NA	
CL72:9_C16:0	CL56:0	NA	NA	
CL72:9_C16:1	CL56:0	1.64	2.11	
CL72:9_C18:2	CL56:0	NA	NA	
CL72:9_C18:3	CL56:0	NA	NA	
CL72:9_C20:4	CL56:0	NA	NA	
CL74:10_C16:0	CL56:0	NA	NA	
CL74:10_C16:1	CL56:0	NA	NA	
CL74:10_C18:1	CL56:0	NA	NA	
CL74:10_C18:2	CL56:0	NA	NA	
CL74:10_C20:3	CL56:0	NA	NA	
CL74:10_C20:4	CL56:0	NA	NA	
CL74:10_C22:6	CL56:0	NA	NA	
CL74:5_C18:1	CL56:0	NA	NA	
CL74:5_C18:2	CL56:0	NA	NA	
CL74:5_C20:1	CL56:0	NA	NA	
CL74:6_C18:1	CL56:0	NA	NA	
CL74:6_C18:2	CL56:0	NA	NA	
CL74:6_C20:1	CL56:0	NA	NA	
CL74:6_C20:2	CL56:0	NA	NA	
CL74:7_C18:1	CL56:0	1.14	1.195	
CL74:7_C18:2	CL56:0	NA	NA	
CL74:7_C20:1	CL56:0	NA	NA	
CL74:7_C20:2	CL56:0	NA	NA	
CL74:8_C18:2	CL56:0	NA	NA	
CL74:8_C20:2	CL56:0	NA	NA	
CL74:9_C18:1	CL56:0	1.915	1.08	
CL74:9_C18:2	CL56:0	NA	NA	
CL74:9_C20:3	CL56:0	NA	NA	
CL74:9_C20:4	CL56:0	NA	NA	
CL76:10_C18:1	CL56:0	NA	NA	
CL76:10_C18:2	CL56:0	NA	NA	
CL76:10_C20:3	CL56:0	NA	NA	
CL76:10_C20:4	CL56:0	NA	NA	
CL76:10_C22:5	CL56:0	NA	NA	
CL76:10_C22:6	CL56:0	NA	NA	
CL76:11_C18:1	CL56:0	NA	NA	
CL76:11_C18:2	CL56:0	NA	NA	
CL76:11_C22:5	CL56:0	NA	NA	

CL76:11_C22:6	CL56:0	NA	NA	
CL76:12_C18:2	CL56:0	NA	NA	
CL76:12_C22:6	CL56:0	NA	NA	
CL76:9_C18:0	CL56:0	NA	NA	
CL76:9_C18:1	CL56:0	NA	NA	
CL76:9_C18:2	CL56:0	NA	NA	
CL76:9_C20:1	CL56:0	NA	NA	
CL76:9_C20:4	CL56:0	NA	NA	
CL76:9_C22:6	CL56:0	NA	NA	
CL78:12_C18:1	CL56:0	NA	NA	
CL78:12_C18:2	CL56:0	NA	NA	
CL78:12_C20:2	CL56:0	NA	NA	
CL78:12_C20:3	CL56:0	NA	NA	
CL78:12_C22:6	CL56:0	NA	NA	
CL78:13_C18:2	CL56:0	NA	NA	
CL78:13_C20:3	CL56:0	NA	NA	
CL78:13_C22:6	CL56:0	NA	NA	
CL78:14_C18:2	CL56:0	NA	NA	
CL78:14_C20:4	CL56:0	NA	NA	
CL78:14_C22:6	CL56:0	NA	NA	
CL78:15_C18:2	CL56:0	NA	NA	
CL78:15_C18:3	CL56:0	NA	NA	
CL78:15_C20:4	CL56:0	NA	NA	
CL78:15_C22:6	CL56:0	NA	NA	
CL80:14_C18:2	CL56:0	NA	NA	
CL80:14_C22:6	CL56:0	NA	NA	
Cer32:1	C17Cer	0.24	0.32	
Cer32:1(-H2O)	C17Cer	5.98	6.655	
Cer32:2	C17Cer	NA	NA	
Cer34:1	C17Cer	9.055	12.865	
Cer34:1(-H2O)	C17Cer	77.005	74.005	
Cer36:1	C17Cer	0.955	1.16	
Cer36:1(-H2O)	C17Cer	14.7	15.445	
Cer36:2	C17Cer	0.12	0.155	
Cer38:1	C17Cer	0.235	0.545	
Cer38:1(-H2O)	C17Cer	8.24	7.32	
Cer38:2	C17Cer	0.105	0.15	
Cer40:1	C17Cer	14.215	16.135	
Cer40:1(-H2O)	C17Cer	85.91	101.845	
Cer40:2	C17Cer	16.855	15.85	
Cer40:2(-H2O)	C17Cer	78.635	85.25	
Cer42:1	C17Cer	27.825	37.295	
Cer42:1(-H2O)	C17Cer	160.22	172.945	
Cer42:2	C17Cer	338.74	361.585	
Cer42:2(-H2O)	C17Cer	872.745	922.83	
Cer44:1	C17Cer	0.14	0.225	

Cer44:1(-H2O)	C17Cer	4.04	5.05
Cer44:2	C17Cer	3.425	2.545
Cer44:2(-H2O)	C17Cer	36.085	36.655
CerP32:1	C17Cer	0.805	0.945
CerP34:1(-H2O)	C17Cer	1.04	1.34
CerP36:1	C17Cer	12.655	13.36
CerP36:1(-H2O)	C17Cer	18.185	21.115
CerP38:1	C17Cer	0.6	0.435
CerP38:1(-H2O)	C17Cer	4.87	4.615
CerP42:1(-H2O)	C17Cer	3.13	1.19
DHCer28:1(-H2O)	C17Cer	0.475	0.2
DHCer30:1	C17Cer	NA	NA
DHCer32:1	C17Cer	NA	NA
DHCer34:0(-H2O)	C17Cer	1.38	2.035
DHCer36:0	C17Cer	NA	0.14
DHCer36:0(-H2O)	C17Cer	0.83	0.785
DHCer38:1(-H2O)	C17Cer	0.235	0.625
DHCer40:0(-H2O)	C17Cer	5.245	5.825
DHCer40:1(-H2O)	C17Cer	2.605	3.03
DHCer42:0(-H2O)	C17Cer	5.56	9.135
DHCer42:1	C17Cer	0.76	0.785
DHCer42:1(-H2O)	C17Cer	32.38	33.225
DHCer44:1(-H2O)	C17Cer	1.61	1.165
DLPC	DLPC	4000	4000
GlcCer28:1	NA	NA	NA
GlcCer28:1(-H2O)	C8GC	0.945	0.985
GlcCer28:2(-H2O)	C8GC	0.65	0.32
GlcCer30:1(-H2O)	C8GC	4.075	5.05
GlcCer30:2(-H2O)	C8GC	2.62	3.15
GlcCer32:1(-H2O)	C8GC	9.475	8.615
GlcCer32:2(-H2O)	C8GC	4.665	5.345
GlcCer34:1(-H2O)	C8GC	71.46	96.985
GlcCer34:2(-H2O)	C8GC	1.675	1.875
GlcCer36:1(-H2O)	C8GC	28.495	22.085
GlcCer36:2(-H2O)	C8GC	3.37	2.5
GlcCer38:1(-H2O)	C8GC	21.96	20.495
GlcCer38:2(-H2O)	C8GC	10.625	6.035
GlcCer40:1(-H2O)	C8GC	190.895	218.135
GlcCer40:2(-H2O)	C8GC	134.35	134.77
GlcCer42:1(-H2O)	C8GC	251.095	288.525
GlcCer42:2(-H2O)	C8GC	1015.415	1012.73
GlcCer44:2(-H2O)	C8GC	30.665	25.11
GlcDHCer28:0(-H2O)	C8GC	0.415	0.97
GlcDHCer36:0(-H2O)	C8GC	0.775	0.66
GlcDHCer38:0(-H2O)	C8GC	0.72	0.385
GlcDHCer40:0(-H2O)	C8GC	2.42	1.67

GlcDHCer40:1(-H2O)	C8GC		3.58	2.23
GlcDHCer42:0(-H2O)	C8GC		13.8	2.85
GlcDHCer42:1(-H2O)	C8GC		17.74	13.46
LysoPC14:0	DLPC		0.965	1.245
LysoPC14:1	DLPC		0.145	0.11
LysoPC14:2	DLPC		0.025	NA
LysoPC16:0	DLPC		21.195	21.51
LysoPC16:1	DLPC		8.295	8.58
LysoPC16:2	DLPC		0.36	0.275
LysoPC18:0	DLPC		2.33	2.17
LysoPC18:1	DLPC		33.09	31.85
LysoPC18:2	DLPC		0.375	0.31
LysoPC20:0	DLPC		0.115	0.15
LysoPC20:1	DLPC		1.21	1.05
LysoPC20:2	DLPC		1.54	0.89
LysoPC22:0	DLPC		0.27	0.235
LysoPC22:1	DLPC		0.185	0.215
LysoPC22:2	DLPC		0.285	0.125
LysoPE14:0	PE31:1	NA		NA
LysoPE14:1	PE31:1		0.45	0.5
LysoPE14:2	PE31:1	NA		NA
LysoPE16:0	PE31:1		13.965	13.73
LysoPE16:1	PE31:1		7.645	10.265
LysoPE16:2	PE31:1	NA		NA
LysoPE18:0	PE31:1		18.205	15.21
LysoPE18:1	PE31:1		68.865	64.455
LysoPE18:2	PE31:1		1.265	NA
LysoPE20:0	PE31:1	NA		NA
LysoPE20:1	PE31:1		3.27	1.54
LysoPE20:2	PE31:1	NA		NA
LysoPE22:0	PE31:1	NA		NA
LysoPE22:1	PE31:1		0.435	NA
LysoPE22:2	PE31:1	NA		NA
LysoPI14:0	PI31:1	NA		NA
LysoPI14:1	PI31:1		4.155	3.2
LysoPI14:2	PI31:1	NA		NA
LysoPI16:0	PI31:1		1.17	0.615
LysoPI16:1	PI31:1		2.855	1.82
LysoPI16:2	PI31:1	NA		NA
LysoPI18:0	PI31:1		33.97	32.335
LysoPI18:1	PI31:1		17.035	13.91
LysoPI18:2	PI31:1		0.15	NA
LysoPI20:0	PI31:1		0.685	NA
LysoPI20:1	PI31:1		0.735	0.14
LysoPI20:2	PI31:1		0.73	0.91
LysoPI22:0	PI31:1		1.34	0.39

LysoPI22:1	PI31:1		0.775	0.62
LysoPI22:2	PI31:1		1.19	0.505
LysoPS14:0	PS31:1	NA		0.13
LysoPS14:1	PS31:1		13.06	14.65
LysoPS14:2	PS31:1	NA	NA	
LysoPS16:0	PS31:1		0.58	0.8
LysoPS16:1	PS31:1		0.195	0.295
LysoPS16:2	PS31:1	NA	NA	
LysoPS18:0	PS31:1		1.62	3.63
LysoPS18:1	PS31:1		6.25	5.98
LysoPS18:2	PS31:1	NA	NA	
LysoPS20:0	PS31:1	NA	NA	
LysoPS20:1	PS31:1		0.075	0.22
LysoPS20:2	PS31:1	NA	NA	
LysoPS22:0	PS31:1	NA	NA	
LysoPS22:1	PS31:1		0.155	NA
LysoPS22:2	PS31:1	NA	NA	
PC(O-)30:0	DLPC		183.43	181.865
PC(O-)30:1	DLPC		79.64	85.315
PC(O-)30:2	DLPC		7.275	7.55
PC(O-)30:3	DLPC		0.94	0.98
PC(O-)30:4	DLPC		0.14	0.21
PC(O-)30:5	DLPC		0.905	0.965
PC(O-)30:6	DLPC		55.27	55.675
PC(O-)32:0	DLPC		964.47	952.7
PC(O-)32:1	DLPC		1129.855	1189.255
PC(O-)32:2	DLPC		139.385	147.725
PC(O-)32:3	DLPC		5.13	6.945
PC(O-)32:4	DLPC		1.175	1.095
PC(O-)32:5	DLPC		6.72	7.255
PC(O-)32:6	DLPC		779.31	830.845
PC(O-)34:0	DLPC		663.96	694.355
PC(O-)34:1	DLPC		2745.42	2878.795
PC(O-)34:2	DLPC		737.955	741.35
PC(O-)34:3	DLPC		47.09	57.38
PC(O-)34:4	DLPC		3.395	3.925
PC(O-)34:5	DLPC		12.255	13.895
PC(O-)36:0	DLPC		155.625	209.745
PC(O-)36:1	DLPC		855.915	1003.095
PC(O-)36:2	DLPC		1338.555	1508.165
PC(O-)36:3	DLPC		130.425	188.355
PC(O-)36:4	DLPC		46.59	54.71
PC(O-)36:5	DLPC		45.82	56.825
PC(O-)36:6	DLPC		131.48	144.33
PC(O-)38:1	DLPC		131.75	182.49
PC(O-)38:2	DLPC		314.55	470.415

PC(O-)38:3	DLPC	80.83	146.675
PC(O-)38:4	DLPC	52.62	69.11
PC(O-)38:5	DLPC	101	126.64
PC(O-)38:6	DLPC	101.975	117.605
PC(O-)40:2	DLPC	45.525	119.54
PC(O-)40:3	DLPC	23.93	173.985
PC(O-)40:4	DLPC	25.6	59.92
PC(O-)40:5	DLPC	32.06	44.13
PC(O-)40:6	DLPC	48.385	59.005
PC(O-)42:1	DLPC	7.565	14.635
PC(O-)42:2	DLPC	11.835	23.29
PC(O-)42:3	DLPC	14.14	58.47
PC(O-)42:4	DLPC	13.175	65.565
PC(O-)42:5	DLPC	11.16	20.975
PC(O-)42:6	DLPC	13.335	23.46
PC(O-)44:1	DLPC	1.975	6.385
PC(O-)44:2	DLPC	2.42	8.275
PC(O-)44:3	DLPC	5.64	21.165
PC(O-)44:4	DLPC	5.55	34.25
PC(O-)44:5	DLPC	6.6	26.525
PC(O-)44:6	DLPC	5.085	31.765
PC28:0	DLPC	1222.74	1260.705
PC28:1	DLPC	170.505	165.04
PC28:2	DLPC	3.065	3.49
PC28:3	DLPC	0.15	0.425
PC28:4	DLPC	NA	0.2
PC28:5	DLPC	0.25	0.265
PC28:6	DLPC	5.235	3.46
PC30:0	DLPC	18357.78	18705.075
PC30:1	DLPC	6407.885	7017.855
PC30:2	DLPC	103.24	107.99
PC30:3	DLPC	4.065	4.915
PC30:4	DLPC	0.935	0.895
PC30:5	DLPC	0.92	0.955
PC30:6	DLPC	13.465	11.53
PC32:0	DLPC	25841.545	27872.475
PC32:1	DLPC	82598.795	81191.475
PC32:2	DLPC	10233.125	10830.385
PC32:3	DLPC	85.875	92.745
PC32:4	DLPC	4.25	4.84
PC32:5	DLPC	3.04	3.715
PC32:6	DLPC	69.715	67.935
PC34:0	DLPC	7993.97	8207.41
PC34:1	DLPC	124822.485	131346.115
PC34:2	DLPC	57822.62	61120.89
PC34:3	DLPC	1256.08	1264.645

PC34:4	DLPC	73.835	82.945
PC34:5	DLPC	26.765	29.27
PC34:6	DLPC	70.595	79.82
PC36:0	DLPC	399.375	494.435
PC36:1	DLPC	9106.005	10347.51
PC36:2	DLPC	64700.925	75676.745
PC36:3	DLPC	4005.435	4626.185
PC36:4	DLPC	1212.825	1451.67
PC36:5	DLPC	847.545	900.065
PC36:6	DLPC	176.2	194.72
PC38:0	DLPC	80.92	100.855
PC38:1	DLPC	616.735	981.26
PC38:2	DLPC	5629.4	8784.405
PC38:3	DLPC	736.175	1075.51
PC38:4	DLPC	591.27	691.29
PC38:5	DLPC	2050.65	2387.885
PC38:6	DLPC	1760.125	1956.41
PC40:0	DLPC	12.18	17.72
PC40:1	DLPC	31.985	39.53
PC40:2	DLPC	136.46	182.155
PC40:3	DLPC	72.39	104.595
PC40:4	DLPC	51.105	64.4
PC40:5	DLPC	208.26	237.195
PC40:6	DLPC	699.025	787.31
PC42:0	DLPC	2.255	7.41
PC42:1	DLPC	9.425	14.51
PC42:2	DLPC	35.26	43.16
PC42:3	DLPC	19.325	33.845
PC42:4	DLPC	7.17	19.545
PC42:5	DLPC	19.685	34.31
PC42:6	DLPC	49.16	75.53
PC44:0	DLPC	0.73	3.795
PC44:1	DLPC	1.995	5.035
PC44:2	DLPC	7.975	12.775
PC44:3	DLPC	6.705	17.055
PC44:4	DLPC	2.07	15.3
PC44:5	DLPC	4.73	40.78
PC44:6	DLPC	6.285	62.98
PE(O-)30:0	PE31:1	9.195	6.445
PE(O-)30:1	PE31:1	2.785	2.16
PE(O-)32:2	PE31:1	6.145	8.795
PE(O-)32:5	PE31:1	NA	NA
PE(O-)34:0	PE31:1	42.875	47.185
PE(O-)34:1	PE31:1	261.485	306.81
PE(O-)34:2	PE31:1	111.02	117.785
PE(O-)34:3	PE31:1	11.345	13.53

PE(O-)34:4	PE31:1		132.315	107.565
PE(O-)34:5	PE31:1	NA	NA	
PE(O-)36:3	PE31:1		33.115	49.51
PE(O-)36:4	PE31:1		13.04	15.56
PE(O-)36:5	PE31:1		8.465	12.24
PE(O-)36:6	PE31:1		23.82	25.98
PE(O-)38:4	PE31:1		71.69	98.105
PE(O-)38:5	PE31:1		57.865	78.905
PE(O-)38:6	PE31:1		31.71	40
PE(O-)40:6	PE31:1		51.235	79.76
PE28:0	PE31:1		12.565	11.715
PE28:1	PE31:1		16.225	9.87
PE28:2	PE31:1		1.06	NA
PE28:3	PE31:1	NA	NA	
PE28:4	PE31:1	NA	NA	
PE28:5	PE31:1	NA	NA	
PE28:6	PE31:1	NA		0.5
PE30:0	PE31:1		149.32	187.65
PE30:1	PE31:1		181.37	198.14
PE30:2	PE31:1		5.54	4.86
PE30:3	PE31:1		0.58	NA
PE30:4	PE31:1		1.055	NA
PE30:5	PE31:1	NA	NA	
PE30:6	PE31:1		0.69	1.26
PE32:0	PE31:1		658.285	761.695
PE32:1	PE31:1		5722.51	6257.885
PE32:2	PE31:1		1414.48	1307.87
PE32:3	PE31:1		13.115	13.445
PE32:4	PE31:1		3.96	3.695
PE32:5	PE31:1	NA	NA	
PE32:6	PE31:1		4.72	5.24
PE34:0	PE31:1		1167.75	1313.09
PE34:1	PE31:1		18102.53	20723.385
PE34:2	PE31:1		18564.305	20262.93
PE34:3	PE31:1		427.51	462.17
PE34:4	PE31:1		130.425	114.62
PE34:5	PE31:1		32.41	33.65
PE34:6	PE31:1		2.55	3.285
PE36:0	PE31:1		454.145	653.785
PE36:1	PE31:1		9284.23	12441.14
PE36:2	PE31:1		42207.825	51054.24
PE36:3	PE31:1		2827.13	3407.685
PE36:4	PE31:1		2015.06	2279.815
PE36:5	PE31:1		1198.91	1298.71
PE36:6	PE31:1		184.455	200.165
PE38:0	PE31:1		25.505	38.09

PE38:1	PE31:1		204.62	273.5
PE38:2	PE31:1		1324.315	1777.46
PE38:3	PE31:1		762.94	1089.55
PE38:4	PE31:1		4620.515	5983.205
PE38:5	PE31:1		7483.235	8770.635
PE38:6	PE31:1		3589.69	4463.585
PE40:0	PE31:1		12.365	20.155
PE40:1	PE31:1		43.23	59.76
PE40:2	PE31:1		206.2	293.11
PE40:3	PE31:1		88.79	133.04
PE40:4	PE31:1		176.94	261.145
PE40:5	PE31:1		1110.2	1269.675
PE40:6	PE31:1		3607.895	4059.83
PE42:0	PE31:1		1.72	6.935
PE42:1	PE31:1		13.98	25.865
PE42:2	PE31:1		62.15	94.765
PE42:3	PE31:1		22.06	44.055
PE42:4	PE31:1		15.16	27.265
PE42:5	PE31:1		60.585	73.675
PE42:6	PE31:1		83.115	113.6
PE44:0	PE31:1	NA		3.14
PE44:1	PE31:1	NA		6.845
PE44:2	PE31:1		6.65	15.015
PE44:3	PE31:1		3.275	10.52
PE44:4	PE31:1		2.895	11.345
PE44:5	PE31:1		13.755	47.275
PE44:6	PE31:1		14.445	40.375
PI(O-)30:0	PI31:1		2.145	1.13
PI(O-)30:1	PI31:1		4.56	3.9
PI(O-)30:2	PI31:1		1.03	2.345
PI(O-)30:3	PI31:1		0.13	NA
PI(O-)30:5	PI31:1		0.465	1.065
PI(O-)30:6	PI31:1		1.835	2.46
PI(O-)32:2	PI31:1		3.195	2.27
PI(O-)32:3	PI31:1		0.12	0.13
PI(O-)32:4	PI31:1		0.27	NA
PI(O-)32:5	PI31:1		1.31	1.385
PI(O-)32:6	PI31:1		1.985	0.925
PI(O-)34:2	PI31:1		3.89	1.445
PI(O-)34:5	PI31:1		1.06	0.67
PI(O-)34:6	PI31:1		6.2	5.76
PI(O-)36:1	PI31:1		43.64	50.58
PI(O-)36:2	PI31:1		41.285	55.505
PI(O-)36:3	PI31:1		5.925	2.88
PI(O-)36:4	PI31:1		0.27	0.125
PI(O-)36:5	PI31:1		0.255	0.12

PI(O-)38:1	PI31:1	26.655	31.555
PI(O-)38:2	PI31:1	206.605	199.385
PI(O-)38:3	PI31:1	19.375	16.115
PI(O-)38:4	PI31:1	7.33	9.795
PI(O-)38:5	PI31:1	15.13	16.13
PI(O-)40:2	PI31:1	17.405	20.875
PI(O-)40:3	PI31:1	31.245	38.175
PI(O-)40:4	PI31:1	17.74	15.255
PI(O-)40:5	PI31:1	6	10.39
PI(O-)42:1	PI31:1	4.655	3.81
PI(O-)42:2	PI31:1	4.23	7.3
PI(O-)42:3	PI31:1	4.2	5.13
PI(O-)42:6	PI31:1	26.96	24.88
PI(O-)44:1	PI31:1	0.73	0.78
PI(O-)44:4	PI31:1	1.49	0.535
PI28:0	PI31:1	1.31	1.355
PI28:1	PI31:1	6.08	1.94
PI28:2	PI31:1	0.995	0.25
PI28:3	PI31:1	0.64	0.11
PI28:4	PI31:1	NA	NA
PI28:5	PI31:1	NA	NA
PI28:6	PI31:1	0.615	0.78
PI30:0	PI31:1	4.935	2.67
PI30:1	PI31:1	39.86	45.145
PI30:2	PI31:1	11.98	10.005
PI30:3	PI31:1	NA	NA
PI30:4	PI31:1	NA	NA
PI30:5	PI31:1	1.39	1.005
PI30:6	PI31:1	1.205	0.175
PI31:1	PI31:1	10000	10000
PI32:0	PI31:1	46.39	48.1
PI32:1	PI31:1	307.135	304.715
PI32:2	PI31:1	98.42	97.23
PI32:3	PI31:1	0.71	0.365
PI32:4	PI31:1	NA	NA
PI32:5	PI31:1	NA	0.5
PI32:6	PI31:1	3	0.875
PI34:0	PI31:1	152.05	160.58
PI34:1	PI31:1	2570.64	2823.225
PI34:2	PI31:1	2678.295	2759.88
PI34:3	PI31:1	31.425	25.975
PI34:4	PI31:1	0.605	0.27
PI34:5	PI31:1	0.44	0.415
PI34:6	PI31:1	1.6	0.975
PI36:0	PI31:1	226.95	207.55
PI36:1	PI31:1	4307.345	4323.78

PI36:2	PI31:1		6566.505	6611.085
PI36:3	PI31:1		382.345	367.31
PI36:4	PI31:1		56.27	61.255
PI36:5	PI31:1		26.77	25.355
PI36:6	PI31:1		94.35	117.095
PI38:0	PI31:1		76.51	98.115
PI38:1	PI31:1		246.58	275.34
PI38:2	PI31:1		1002.64	1027.335
PI38:3	PI31:1		994.785	1019.42
PI38:4	PI31:1		1687.52	1855.415
PI38:5	PI31:1		1009.435	1048.815
PI38:6	PI31:1		108.755	103.905
PI40:0	PI31:1		111.15	103.755
PI40:1	PI31:1		132.325	147.17
PI40:2	PI31:1		148.435	128.505
PI40:3	PI31:1		139.37	152.045
PI40:4	PI31:1		170.035	210.81
PI40:5	PI31:1		429.41	422.015
PI40:6	PI31:1		418.73	466.385
PI42:0	PI31:1		7.295	6.935
PI42:1	PI31:1		23.865	23.105
PI42:2	PI31:1		70.29	99.14
PI42:3	PI31:1		118.32	121.815
PI42:4	PI31:1		25.415	24.785
PI42:5	PI31:1		6.55	5.89
PI42:6	PI31:1		4.71	3.565
PI44:0	PI31:1		3.685	4.06
PI44:1	PI31:1		3.39	7.545
PI44:2	PI31:1		8.56	10.73
PI44:3	PI31:1		16.145	15.2
PI44:4	PI31:1		19.315	20.395
PI44:5	PI31:1		35.88	25
PI44:6	PI31:1		11.17	10.725
PS(O-)30:0	PS31:1		2.915	2.64
PS(O-)30:1	PS31:1		1.475	1.395
PS(O-)30:2	PS31:1		0.05	NA
PS(O-)30:6	PS31:1		0.565	0.285
PS(O-)32:2	PS31:1		1.51	1.415
PS(O-)34:0	PS31:1		6.02	7.07
PS(O-)34:1	PS31:1		26.685	29.325
PS(O-)34:2	PS31:1		1.29	0.875
PS(O-)34:3	PS31:1		43.565	42.67
PS(O-)34:5	PS31:1	NA		NA
PS(O-)36:0	PS31:1		17.685	14.785
PS(O-)36:1	PS31:1		49.085	63.785
PS(O-)36:2	PS31:1		21.945	19.87

PS(O-)36:3	PS31:1	0.54	0.725
PS(O-)36:4	PS31:1	0.61	0.37
PS(O-)36:5	PS31:1	0.22	0.26
PS(O-)38:0	PS31:1	11.735	11.785
PS(O-)38:1	PS31:1	18.77	17.715
PS(O-)38:2	PS31:1	12.43	17.825
PS(O-)38:3	PS31:1	2.56	1.71
PS(O-)38:4	PS31:1	1.395	0.645
PS(O-)38:5	PS31:1	0.88	0.815
PS(O-)38:6	PS31:1	3.675	3.2
PS(O-)40:1	PS31:1	2.085	3.505
PS(O-)40:2	PS31:1	3.59	3.675
PS(O-)40:5	PS31:1	1.165	1.33
PS(O-)40:6	PS31:1	0.89	1.005
PS(O-)42:2	PS31:1	7.48	5.475
PS(O-)44:6	PS31:1	NA	NA
PS28:0	PS31:1	1.05	0.51
PS28:1	PS31:1	0.21	NA
PS28:2	PS31:1	0.345	0.33
PS28:3	PS31:1	NA	NA
PS28:4	PS31:1	NA	NA
PS28:5	PS31:1	NA	NA
PS28:6	PS31:1	0.115	NA
PS30:0	PS31:1	30.97	31.76
PS30:1	PS31:1	17.97	12.02
PS30:2	PS31:1	0.47	0.14
PS30:3	PS31:1	NA	NA
PS30:4	PS31:1	NA	NA
PS30:5	PS31:1	NA	NA
PS30:6	PS31:1	0.185	0.205
PS31:1	PS31:1	33000	33000
PS32:0	PS31:1	131.78	143.055
PS32:1	PS31:1	645.085	668.665
PS32:2	PS31:1	11.28	14.195
PS32:3	PS31:1	0.465	0.395
PS32:4	PS31:1	0.16	0.065
PS32:5	PS31:1	NA	NA
PS32:6	PS31:1	16.325	13.945
PS34:0	PS31:1	209.215	238.26
PS34:1	PS31:1	3347.6	3477.91
PS34:2	PS31:1	698.41	805.955
PS34:3	PS31:1	13.305	15.195
PS34:4	PS31:1	17.84	22.135
PS34:5	PS31:1	0.29	0.245
PS34:6	PS31:1	0.395	0.51
PS36:0	PS31:1	145.49	163.1

PS36:1	PS31:1	2827.765	3106.34
PS36:2	PS31:1	2264.075	2551.255
PS36:3	PS31:1	70.915	84.95
PS36:4	PS31:1	107.455	116.48
PS36:5	PS31:1	24.155	24.55
PS36:6	PS31:1	0.84	1.725
PS38:0	PS31:1	2.14	4.395
PS38:1	PS31:1	68.275	66.98
PS38:2	PS31:1	201.78	235.99
PS38:3	PS31:1	55.85	59.21
PS38:4	PS31:1	134.24	155.57
PS38:5	PS31:1	139.15	148.2
PS38:6	PS31:1	40.355	38.1
PS40:0	PS31:1	0.74	0.425
PS40:1	PS31:1	20.54	14.97
PS40:2	PS31:1	85.88	88.41
PS40:3	PS31:1	12.825	12.615
PS40:4	PS31:1	29.845	37.75
PS40:5	PS31:1	183.64	180.745
PS40:6	PS31:1	264.775	291.09
PS42:0	PS31:1	NA	NA
PS42:1	PS31:1	0.53	1.925
PS42:2	PS31:1	11.78	14.725
PS42:3	PS31:1	3.085	5.075
PS42:4	PS31:1	0.57	0.355
PS42:5	PS31:1	3.435	2.285
PS42:6	PS31:1	7.945	5.17
PS44:0	PS31:1	NA	NA
PS44:1	PS31:1	NA	NA
PS44:2	PS31:1	0.06	0.45
PS44:3	PS31:1	NA	0.24
PS44:4	PS31:1	NA	0.05
PS44:5	PS31:1	0.045	0.34
PS44:6	PS31:1	0.3	0.42
SM32:0	C12SM	6.885	9.815
SM32:1	C12SM	104.165	119.485
SM32:2	C12SM	0.635	0.465
SM34:0	C12SM	169.38	180.15
SM34:1	C12SM	2471.625	2633.275
SM34:2	C12SM	8.07	9.4
SM36:0	C12SM	28.96	121.835
SM36:1	C12SM	213.08	242.8
SM36:2	C12SM	9.84	10.535
SM38:1	C12SM	66.8	123.975
SM38:2	C12SM	19.29	19.745
SM38:3	C12SM	0.54	0.45

SM40:0	C12SM	44.275	64.73
SM40:1	C12SM	961.22	1140.39
SM40:2	C12SM	1126.99	1087.675
SM40:3	C12SM	11.995	24.115
SM42:0	C12SM	20	23.625
SM42:1	C12SM	1120.305	1138.38
SM42:2	C12SM	11936.79	11137.695
SM42:3	C12SM	434.33	430.71
SM44:0	C12SM	0.145	0.3
SM44:1	C12SM	2.45	2.025
SM44:2	C12SM	30.005	25.98
SM44:3	C12SM	10.01	8.985

sgAGPS_aSMase_p2_3	ctrl_aSMase_p	ctrl_aSMase_p	ctrl_aSMase_p2_3
34250	34250	34250	34250
5000	5000	5000	5000
5000	5000	5000	5000
NA	NA	NA	NA
1000	1000	1000	1000
26.46	56.44	60.85	73.81
57.72	149.54	195.655	186.74
141.5	401.21	546.485	501.12
NA	NA	NA	NA
NA	NA	NA	0.985
371.52	1543.34	1510.415	1707.295
627.9	1919.21	1678.16	2167.73
4.23	3.76	2.515	2.22
NA	NA	NA	NA
92.04	114.21	117.855	168.385
62.05	57.48	56.365	70.345
43.71	69.75	30.93	40.33
7.63	4.19	4.58	3.705
2.59	NA	NA	NA
3.4	2.63	2.68	4.615
NA	NA	NA	NA
5.47	16.2	6.285	22.9
NA	NA	NA	NA
8.84	27.14	19.59	24.8
76.85	268.68	265.44	309.585
NA	NA	NA	NA
447.24	1422.81	1602.78	1775.885
NA	NA	NA	1.105
NA	NA	NA	NA
47.68	85.9	59.155	97.81
166.82	193	188.775	177.115
48.18	36.77	30.285	50.93
NA	NA	NA	NA
6.62	4.4	4.68	3.41
9.98	5.93	6.955	9.635
8.85	NA	0.97	NA
6.15	NA	NA	1.74
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
86.03	202.52	238.62	261.515

NA	NA	NA	NA
61.03	72.45	59.82	90.405
5.27	5.04	9.32	11.535
6.92	5.63	4.355	8.095
3.48	NA	NA	NA
9.45	3.01	1.415	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
1.9	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
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NA	NA	NA	NA

NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	2.38	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
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NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
0.31	0.95	0.98	0.93
7.545	18.155	20.33	16.05
NA	NA	NA	NA
9.925	14	17.575	17.715
68.48	105.675	119.96	114.29
1.38	1.44	2.2	1.53
14.335	23.805	21.94	24.73
NA	0.255	0.405	0.175
0.275	0.63	0.58	0.685
6.485	13.095	11.285	13.15
0.06	0.41	0.565	0.275
9.49	27.155	31.605	28.365
100.395	183.96	164.57	171.97
13.255	42.235	67.755	51.05
73.59	183.5	192.93	168.215
24.7	75.69	88.74	88.415
174.77	291.235	282.945	327.625
248.805	999.855	1521.78	1141.72
797.095	1905.295	1963.55	1886.295
0.06	0.14	0.27	0.09

	3.775	8.48	6.49	6.48
	2.53	5.045	9.09	5.81
	33.305	58.515	37.71	59.515
	0.535	1.28	1.375	0.84
	1.04	2.605	1.825	2.39
	8.85	29.44	51.86	34.19
	18.71	34.87	31.62	36.285
	0.39	0.795	1.105	1.05
	3.805	9.015	7.545	8.135
	1.195	2.905	1.595	3.67
	0.135	0.615	0.805	0.255
NA		0.045	0.06	0.02
NA	NA	NA	NA	
	1.455	2.4	1.77	2.23
	0.075	0.18	0.135	0.16
	0.73	1.275	0.64	1.28
	0.26	0.46	0.485	0.37
	5.425	7.205	7.81	7.09
	3.69	4.755	5.235	5.415
	7.555	10.815	9.955	9.63
	0.555	3.39	4.77	2.955
	31.785	52.365	57.605	47.445
	1.095	2.77	2.655	1.895
	4000	4000	4000	4000
NA	NA	NA	NA	
	1.18	1.625	1.145	1.1
	0.475	2.015	0.61	0.3
	3.8	4.775	3.155	4.785
	2.3	3.12	2.425	4.63
	8.405	11.545	8.215	9.935
	5.005	4.785	3.95	5.545
	82.265	75.36	77.555	93.4
	0.49	2.81	0.775	1.45
	26.74	23.27	17.305	31.98
	2.46	3.995	3.35	2.75
	15.655	17.26	16.675	21.635
	6.475	10.585	10.29	10.195
	132.31	197.835	206.255	242.87
	95.77	187.56	242.28	210.7
	190.88	226.31	219.805	279.33
	736.46	1110.695	1052.615	1421.795
	24.23	40.395	26.35	37.755
	0.58	0.795	0.925	1.69
	0.555	0.79	1.005	1.26
	0.3	0.735	0.63	0.52
	1.87	3.165	2.615	2.38

	2.005	6.155	4.96	3.91
	1.83	2.7	3.745	4.665
	9.935	13.46	17.58	18.355
	1.195	2.675	3.66	3.33
	0.105	0.13	0.225	0.1
NA	NA		0.09	NA
	21.015	42.115	52.94	55.95
	10.14	15.26	19.77	18.53
	0.33	0.3	0.415	0.33
	2.155	8.345	9.835	11.45
	36.915	64.655	83.36	80.31
	0.515	0.71	0.9	0.89
	0.1	0.43	0.665	0.57
	1.08	8.25	9.995	11.11
	1.24	1.615	2.24	1.75
	0.115	0.495	0.34	0.5
	0.145	0.545	0.715	0.77
	0.1	0.485	0.37	0.37
NA		1.655	1.5	1.39
NA	NA	NA	NA	
NA	NA	NA	NA	
	13.37	42.655	45.475	55.04
	8.74	38.64	36.16	50.72
NA	NA	NA	NA	
	16.915	37.945	37.015	46.06
	74.36	234.035	197.83	288.14
	1.6	5.08	5.675	7.52
NA	NA	NA		1.39
	1.8	38.52	44.585	46.12
NA		3.29	4.66	4.05
NA	NA	NA	NA	
NA		3.63	3.625	4.02
NA		4.155	4.69	5.27
NA	NA	NA	NA	
	0.66	6.515	3.505	5.845
NA	NA	NA	NA	
	0.555	4.61	1.765	10.49
	0.6	5.07	5.305	3.945
NA	NA	NA		0.235
	12.915	113.81	75.325	120.005
	10.17	80.745	50.77	101.07
NA		2.515	NA	0.61
NA		0.345	NA	NA
NA		1.935	2.09	4.05
NA		6.19	3.34	4.87
NA		8.795	NA	0.39

NA	2.865	NA	1.515
NA	4.095	NA	2.185
NA	NA	NA	NA
9.44	15.005	9.715	10.73
NA	NA	NA	NA
NA	1.5	0.81	2.44
NA	0.16	0.495	0.755
NA	NA	NA	NA
3.24	14.935	9.325	12.75
5.73	11.685	9.11	12.495
NA	NA	NA	NA
NA	NA	NA	NA
NA	0.255	0.275	0.525
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	0.475
NA	NA	NA	NA
169.085	8120.775	10040.045	10150.75
75.035	1041.27	1222.125	1249.12
5.825	22.885	26.555	28.3
1.13	2.02	2.57	2.24
0.125	0.685	0.73	1.1
1.255	3.315	3.14	3.17
48.57	137.355	159.76	169.5
854.115	24607.265	36494.4	34875.1
1097.095	29666.7	38812.41	41665.41
129.985	1848.935	2423.41	2546.5
6.65	24.175	27.335	29.55
1.015	2.995	3.175	2.72
6.38	23.01	24.755	26.79
713.65	1455.305	1852.88	1720.26
641.01	7407.355	9310.51	9814.16
2817.815	71893.635	92495.76	97540.7
763.3	16519.82	20347.435	20238.46
51.74	1154.585	1405.685	1520.94
2.95	24.345	26.86	30.23
11.68	59.1	73.9	76.3
168.565	473.425	682.735	630.88
900.06	3954.065	5142.815	5775.95
1327.65	14036.345	16304.29	18297.57
167.24	2882.36	3440.335	4052.27
51.485	573.95	709.745	777.09
47.935	188.805	206.195	257.86
133.895	233.01	300.865	322.22
151.815	315.165	512.11	450.54
443.5	1287.055	1528.4	1694.41

233.37	414.05	529.98	458.39
72.26	308.62	335.495	404.49
111.71	1061.18	1055.785	1447.95
112.63	627.335	675.845	842.23
141.82	129.675	193.135	130.45
213.88	233.085	223.755	149
53.11	67.38	70.705	57.25
43.505	133.55	142.59	162.99
63.17	397.86	454.36	539.7
14.9	14.025	13.31	12.27
19.94	20.83	20.52	18.41
41.335	50.86	31.73	24.1
37.67	52.805	24.655	15.53
20.66	19.63	19.17	14.8
26.775	26.07	31.745	26.13
4.935	6.755	5.78	2.67
5.32	12.04	8.3	3.86
13.905	26.305	13.035	7.65
18.87	19.54	12.58	6.74
26.885	26.31	13.605	9.6
24.535	34.385	16.075	10.54
1070.675	2572.625	3098.725	2978.58
135.02	268.395	313.34	318.21
2.985	6.34	5.925	5.8
0.245	0.555	0.355	0.45
0.085	0.385	0.33	0.17
0.125	0.605	0.43	0.74
3.63	11.765	13.485	14.39
15148.87	27991.705	36684.255	35933.41
6322.195	11116.115	12987.395	13453.91
91.505	129.76	149.915	168.5
4.625	4.24	4.84	4.83
1.14	1.74	1.865	1.77
0.545	3.545	5.03	4.82
10.895	401.78	457.33	467.88
25258.06	34413.075	45552.25	42102.09
71031.025	119685.51	153847.505	142852.8
8672.195	14171.655	16648.8	17218.4
77.13	70.76	76.255	89.34
4.935	3.39	5.02	4.22
3.61	16.94	23.445	25.92
56.965	1206.7	1785.66	1697.98
7386.995	11097.4	12672.545	13954.85
110190.09	177521.25	206508.59	215742.67
51590.38	96510.16	108678.9	119211.36
1127.295	1734.47	2029.735	2242.32

73.4	50.9	57.585	63.58
24.73	28.865	29.17	35.72
74.63	296.9	419.775	409.18
407.84	676.485	866.785	891.71
7852.48	15699.87	19192.175	21826.13
57926.49	120441.17	145734.005	175324.55
3778.965	5535.885	6437.47	7979.77
1272.265	456.23	524.13	641.92
879.665	161.54	188.805	224.9
185.07	76.08	117.185	108.59
79.375	431.975	503.165	597.38
730.79	1153.82	1638.685	1648.79
6525.25	11014.73	15713.75	16340.41
901.795	1364.105	2123.225	1856.04
615.3	274.525	292.155	338.2
1976.875	558.77	598.735	781.31
1739.275	321.465	360.515	467.22
20.285	29.37	33.27	33.48
35.84	55.9	79.175	77.59
148.435	252.435	359.365	368.62
101.9	164.51	236.285	231.59
76.66	46.235	52.645	42.76
253.79	82.345	108.52	108.97
753.895	235.56	280.965	335.45
4.85	6.555	6.5	4.39
14.64	15.63	21.415	19.4
39.78	66.14	76.21	82.28
29.16	60	67.78	57.47
16.445	15.79	14.14	9.48
39.415	20.63	19.525	15.49
83.225	34.72	32.03	30.83
1.395	3.19	1.97	0.86
3.225	5.44	4.62	2.44
10.52	13.505	13.315	11.19
13.86	17.955	19.61	19.73
11.54	13.235	6.775	5.23
35.99	37.415	14.35	11.3
52.105	55.36	20.87	19.39
7.975	16.11	18.07	18.76
2.055	4.955	6.605	4.85
8.485	46.145	52.375	43.37
NA	NA	NA	NA
42.655	126.66	135.56	104.13
291.17	764.33	826.51	825.07
95.345	380.7	423.35	448.54
12.435	58.475	90.635	79.12

125.275	107.41	120.41	120.13
NA	6.88	10.23	7.19
43.99	232.03	265.475	236.78
12.69	69.45	79.645	69.49
9.83	89.7	107.08	97.18
25.205	68.575	83.785	76.7
81.49	110.475	144.83	123.73
72.57	147.33	174.845	170.96
33.155	198.285	220.11	241.14
72.565	78.505	85.225	99.83
9.015	24.29	23.33	30.44
9.665	13.365	12.555	22.99
NA	NA	0.49	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
0.605	0.815	NA	1.35
131.42	490.295	571.91	610.53
179.08	333.995	381.87	372.17
5.1	6.215	6.675	9.86
0.565	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	2.13	1.59
568.465	1652.81	2133.395	1838.98
5335.57	13088.075	16275.36	14783.63
1161.075	2249.975	2558.215	2670.07
9.3	14.02	18.88	17.82
5.075	5.85	8.74	4.75
NA	NA	NA	NA
4.625	7.42	11.49	9.38
1008.295	2528.535	3095.4	2927.97
16806.875	40176.07	47017.415	43064.63
17247.56	34050.005	38338.415	38822.91
415.535	602.98	627.13	692.3
131.675	171.085	200.205	182.16
27.86	34.7	40.275	35.98
2.575	7.775	6.875	9.83
458.165	1182.56	1365.525	1157.57
9720.695	22178.13	24184.435	22037.58
40251.01	76826.475	94160.02	84304.19
3039.32	3510.66	3978.43	4013.5
2046.695	1374.87	1513.89	1448.62
1263.11	609.66	748.545	767.9
171.83	44.985	50.075	54.36
32.945	77.67	100.395	97.86

216.045	476.8	518.05	511.78
1335.205	2718.5	3072.555	3091.31
816.96	983.675	1104.185	1103.92
4589.55	2979.83	3311.385	3601.9
7893.515	3603.2	4322.95	4198.5
3946.54	984.42	1150.51	1249.36
17.215	12.34	20.975	15.16
57.315	83.81	111.125	105.62
227.95	578	643.52	578.62
108.01	229.635	259.475	250.39
223.32	228.845	254.98	268.34
1243.22	1006.34	992.175	1131.72
3554.24	2193.105	2269.875	2723.55
4.945	6.15	3.94	2.16
21.955	25.24	29.445	35.96
64.2	137.195	182.615	158.65
28.685	74	89.43	88.88
18.165	26.785	34.52	26.48
70.55	69.305	80.42	73.13
84.895	54.645	59.885	49.4
0.89	2.945	NA	NA
3.08	4.43	3.965	2.48
8.205	26.185	20.405	15.87
8.065	12.74	12.965	12.34
7.29	9.95	7.595	9.18
31.955	53.76	57.595	38.73
36.68	38.63	27.28	21.22
1.06	4.305	3.67	2.96
1.985	42.98	30.43	63.205
1.18	3.275	3.485	5.11
NA	0.61	NA	0.295
NA	NA	0.32	3.92
1.445	2.57	1.61	6.26
0.785	11.825	12.27	21.895
NA	0.265	NA	0.325
NA	0.345	NA	0.385
NA	1.025	1.32	2.735
0.33	4.05	3.13	5.4
3.865	29.835	24.52	25.395
0.135	0.395	0.29	0.935
1.98	9.515	2.135	16.505
44.725	93.34	118.47	117.43
35.615	115.63	141.15	112.06
1.765	11.685	7.825	8.575
NA	0.25	NA	0.795
NA	NA	NA	NA

24.7	52.72	56.41	68.84
163.885	257.455	271.175	278.87
12.15	30.88	32.745	43.21
5.59	5.4	5.98	7.355
11.195	16.53	34.295	21.035
14.685	34.045	39.385	37.64
31.035	64.95	52.99	55.705
10.725	11.675	4.225	8.06
5.39	1.46	2.045	2.09
1.61	5.625	3.18	4.67
1.29	12.605	7.295	9.47
3.95	7.725	8.465	11.34
5.76	49.855	49.03	41.72
NA	NA	0.42	0.58
NA	0.815	1.5	1.25
0.255	4.35	1.175	4.325
1.42	10.76	9.1	12.425
NA	2.44	NA	1.735
NA	1.35	0.505	1.32
NA	NA	NA	NA
NA	0.24	NA	1.765
0.38	2.415	1.51	1.995
3.595	6.345	6.685	12.405
35.455	82.065	97.47	99.69
2.725	14.925	18.6	23.865
NA	0.285	NA	NA
NA	NA	0.31	0.68
0.195	0.685	0.645	1.985
0.145	2.685	0.33	0.76
10000	10000	10000	10000
36.37	110.735	139.07	119.075
284.085	802.705	944.14	1083.39
100.81	240.285	272.985	311.265
NA	1.625	NA	0.96
NA	NA	NA	NA
NA	0.215	NA	NA
1.4	1.885	1.27	2.16
143.765	330.105	441.88	444.815
2471.9	6414.9	7679.34	8250.575
2366.51	7377.815	8527.385	9629.845
21.48	75.835	58.265	82.45
NA	0.985	NA	NA
NA	NA	NA	NA
0.91	1.955	NA	0.9
183.74	581.5	781.88	724.26
3815.47	10809.12	14260.935	12313.67

	5835.735	19478.605	25222.93	24140.795
	294.57	1167.725	1428.325	1416.43
	56.47	51.93	44.66	61.305
	38.55	27.935	13.415	21.4
	51.565	89.84	78.165	83.175
	28.155	172.925	182.59	179.89
	170.415	686.87	980.905	782.55
	891.075	3424.045	3999.405	3671.6
	861.92	2047.285	2332.195	2336.135
	1589.2	801.47	1051.095	1022.435
	894.83	421.525	438.205	528.765
	120.845	48.485	21.685	34.285
	37.615	229.215	225.41	195.62
	59.945	371.5	459.555	311.59
	125.235	347.82	498.855	452.485
	133.48	351.595	501.86	413.295
	172.31	104.51	142.25	124.62
	335.17	128.575	180.595	165.74
	402.505	144.925	165.845	136.815
	0.945	15.01	30.05	28.005
	4.735	51.03	50.64	62.46
	71.2	152.685	160.775	183.86
	69.22	202.845	241.86	257.215
	7.305	14.605	20.725	22.555
	3.87	0.53	0.865	1.41
	0.82	1.355	0.275	2.5
NA		3.83	5.9	7.255
	0.6	8.215	8.07	9.785
	1.695	10.305	8.325	23.845
	8.26	17.06	25.405	31.985
	5.88	8.82	19.935	22.155
	10.08	7.095	9.395	9.185
	6.05	1.65	2.975	2.745
	1.41	10.34	8.27	11.505
	0.21	0.38	1.315	1.035
NA	NA	NA	NA	
NA		0.3	NA	0.235
	0.28	2.24	1.74	4.58
	4.72	40.53	58.085	45.235
	18.95	356.005	517.205	361.15
	0.17	44.235	52.98	55.175
	26.92	45.05	48.82	43.41
NA	NA	NA	NA	
	8.5	26.07	37.23	45.54
	52.05	243.45	361.76	285.075
	19.51	120.77	193.915	159.91

NA		3.765	5.17	6.495
NA		4.47	5.815	4.405
NA		0.62	1.505	2.27
	6.55	21.035	20.205	37.21
	13.18	53.255	39.34	55.685
	10.27	35.32	38.83	28.57
	1.82	2.42	1.915	4.76
NA		3.34	3.21	4.43
	0.83	4.66	5.395	8.72
	2.45	7.38	8.895	9.345
	1.48	3.32	3.375	3.235
	2.54	7.655	3.515	4.965
	1.44	0.92	1.21	5.2
	0.3	1.635	3.465	3.78
	2.61	2	1.135	1
NA	NA	NA	NA	
NA		0.73	0.23	0.705
NA		0.635	NA	0.375
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA		0.18	NA	0.2
	22.09	58.335	83.635	77.045
	13.67	20.055	17.005	16.4
NA		0.135	NA	0.105
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA		0.72	NA	0.105
	33000	33000	33000	33000
	116.52	267.54	315.455	330.73
	651.83	1460.84	1754.085	1722.03
	2.32	15.615	15.235	21.8
NA		0.16	0.925	0.47
NA	NA	NA		0.265
NA	NA	NA		0.135
	7.74	12.13	10.965	12.85
	215.12	447.455	636.445	526.195
	3114.19	6791.785	9374.525	8248
	632.3	1845.315	2420.385	2076.425
	6.8	17.39	26.94	19.12
	7.01	38.86	35.215	44.42
NA	NA	NA		0.72
	0.26	0.465	0.62	1.995
	155.46	386.62	449.74	411.65

	2655.51	7311.865	9718.255	8325.555
	1953.63	6247.145	8696.645	7283.37
	81.74	131.215	173.59	125.355
	62.16	134.855	207.145	191.92
	14.88	46.095	45.905	37.565
	0.38	2.56	2.345	2.285
	2.47	9.495	10.925	17.51
	61.89	171.79	241.445	218.37
	169.02	739.165	1053.015	777.82
	56.89	84.055	89.19	111.61
	124.45	141.56	182.195	166.365
	127.22	159.245	138.545	148.97
	43.51	12.975	15.575	20.24
	1.06	0.83	NA	0.9
	10.77	40.835	44.67	36.125
	64.38	260.59	347.025	260.485
	8.51	34.7	55.89	40.32
	25.13	26.765	29.555	32.565
	142.62	89.475	95.66	112.84
	300.71	114.845	145.03	132.675
NA	NA	NA	NA	
	0.4	2.265	1.71	3.595
	8.05	23.395	32.185	40.615
	0.82	9.145	11.34	12.415
NA		0.49	NA	0.63
	2.69	1.57	2.205	2.44
	6.32	1.72	2.33	3.005
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA		0.1
NA	NA	NA		0.085
	7.455	10.17	12.71	15.455
	119.83	246.375	292.67	306.83
	0.415	1.505	1.755	1.69
	176.195	168.035	166.49	226.755
	2451.85	3381.45	2726.145	4301.465
	7.98	12.565	12.12	15.65
	41.975	20.58	21.265	33.23
	179.42	223.485	240.67	345.59
	9.6	20.5	20.72	25.255
	64.865	120.42	107.21	127.475
	14.835	44.45	40.25	46.3
	0.27	0.53	0.625	0.765

45.785	47.905	49.91	71.47
1011.59	1164.49	1132.535	1780.235
827.625	2041.4	2530.295	2800.155
10.01	26.61	33.6	35.03
20.06	35.01	26.32	43.21
1076.95	2239.595	1649.715	2604.385
10307.39	21770.415	22990.57	30730.905
375.925	966.55	976.825	1287.52
0.235	0.33	0.15	0.62
2.23	2.535	2.715	5.765
25.31	30.52	36.47	50.83
8.23	15	16.56	23.56

LipidName	standard_ion	Hela_p2_1	Hela_p2_2
C12SM	C12SM	34250	34250
C17Cer	C17Cer	5000	5000
C17Cer(-H2O)	C17Cer	5000	5000
C8GC	NA	NA	NA
C8GC(-H2O)	C8GC	1000	1000
Cer32:1	C17Cer	0.285	0.345
Cer32:1(-H2O)	C17Cer	6.03	7.76
Cer32:2	C17Cer	0.055	0.115
Cer34:1	C17Cer	12.5	16.47
Cer34:1(-H2O)	C17Cer	71.79	90.58
Cer36:1	C17Cer	0.845	1.29
Cer36:1(-H2O)	C17Cer	12.67	14.3
Cer36:2	C17Cer	0.42	0.53
Cer38:1	C17Cer	0.435	0.39
Cer38:1(-H2O)	C17Cer	6.56	8.18
Cer38:2	C17Cer	0.29	0.315
Cer40:1	C17Cer	9.92	12.755
Cer40:1(-H2O)	C17Cer	88.51	100.89
Cer40:2	C17Cer	30.275	31.23
Cer40:2(-H2O)	C17Cer	55.27	61.425
Cer42:1	C17Cer	69.165	75.105
Cer42:1(-H2O)	C17Cer	325.69	337.59
Cer42:2	C17Cer	819.345	941.415
Cer42:2(-H2O)	C17Cer	1295.705	1364.03
Cer44:1	C17Cer	0.655	1.72
Cer44:1(-H2O)	C17Cer	13.72	19.905
Cer44:2	C17Cer	13.005	17.71
Cer44:2(-H2O)	C17Cer	72.01	85.135
CerP32:1	C17Cer	1.935	1.59
CerP34:1(-H2O)	C17Cer	2.445	2.975
CerP36:1	C17Cer	88.75	109.205
CerP36:1(-H2O)	C17Cer	28.985	32.405
CerP38:1	C17Cer	4.595	3.625
CerP38:1(-H2O)	C17Cer	13.06	12.95
CerP42:1(-H2O)	C17Cer	0.865	0.77
CL68:3_C16:0	CL56:0	27.355	30.31
CL68:3_C16:1	CL56:0	48.285	36.49
CL68:3_C18:1	CL56:0	119.53	125.005
CL68:3_C18:2	CL56:0	NA	NA
CL68:4_C16:0	CL56:0	8.53	3.45
CL68:4_C16:1	CL56:0	222.635	241.365
CL68:4_C18:1	CL56:0	291.75	291.96
CL68:4_C18:2	CL56:0	3.7	2.25
CL68:5_C16:0	CL56:0	NA	NA
CL68:5_C16:1	CL56:0	51.04	65.225

CL68:5_C18:1	CL56:0	44.73	39.405
CL68:5_C18:2	CL56:0	17.385	17.915
CL68:6_C16:1	CL56:0	10.745	7.675
CL68:6_C18:2	CL56:0	3.62	2.115
CL70:2_C16:0	CL56:0	191.62	71.92
CL70:2_C18:0	CL56:0	9.245	5.23
CL70:2_C18:1	CL56:0	146.97	54.48
CL70:2_C20:1	CL56:0	NA	NA
CL70:3_C16:0	CL56:0	6.905	13.125
CL70:3_C18:1	CL56:0	99.635	119.83
CL70:4_C16:0	CL56:0	4.62	3.475
CL70:4_C18:1	CL56:0	420.675	375.51
CL70:4_C18:2	CL56:0	6.455	6.03
CL70:5_C16:0	CL56:0	0.375	NA
CL70:5_C16:1	CL56:0	43.85	40.525
CL70:5_C18:1	CL56:0	143.645	144.415
CL70:5_C18:2	CL56:0	33.51	31.37
CL70:6_C16:0	CL56:0	NA	NA
CL70:6_C16:1	CL56:0	14.58	9.185
CL70:6_C18:1	CL56:0	12.655	13.535
CL70:6_C18:2	CL56:0	9.49	10.745
CL70:7_C16:1	CL56:0	2.8	4.36
CL70:7_C18:2	CL56:0	0.885	0.765
CL72:10_C16:1	CL56:0	NA	NA
CL72:10_C20:4	CL56:0	1.705	0.46
CL72:11_C16:1	CL56:0	NA	NA
CL72:11_C18:2	CL56:0	NA	NA
CL72:11_C20:4	CL56:0	NA	NA
CL72:11_C22:6	CL56:0	NA	NA
CL72:4_C18:1	CL56:0	80.42	87.15
CL72:5_C18:0	CL56:0	NA	NA
CL72:5_C18:1	CL56:0	61.725	63.215
CL72:5_C18:2	CL56:0	7.73	9.295
CL72:6_C18:1	CL56:0	45.27	24.34
CL72:6_C18:2	CL56:0	8.85	7.31
CL72:7_C18:1	CL56:0	4.89	4.025
CL72:7_C18:2	CL56:0	1.795	1.075
CL72:8_C18:2	CL56:0	0.805	0.445
CL72:9_C16:0	CL56:0	NA	NA
CL72:9_C16:1	CL56:0	0.385	0.21
CL72:9_C18:2	CL56:0	0.055	NA
CL72:9_C18:3	CL56:0	NA	NA
CL72:9_C20:4	CL56:0	0.035	NA
CL74:10_C16:0	CL56:0	0.325	NA
CL74:10_C16:1	CL56:0	NA	NA
CL74:10_C18:1	CL56:0	NA	NA

CL74:10_C18:2	CL56:0	NA	NA	
CL74:10_C20:3	CL56:0	NA	NA	
CL74:10_C20:4	CL56:0	0.11	NA	
CL74:10_C22:6	CL56:0	NA	NA	
CL74:5_C18:1	CL56:0	3.96		1.545
CL74:5_C18:2	CL56:0	4.075		0.98
CL74:5_C20:1	CL56:0	NA	NA	
CL74:6_C18:1	CL56:0	11.065		2.76
CL74:6_C18:2	CL56:0	15.725		9.41
CL74:6_C20:1	CL56:0	NA	NA	
CL74:6_C20:2	CL56:0	NA	NA	
CL74:7_C18:1	CL56:0	1.775		1.875
CL74:7_C18:2	CL56:0	0.15	NA	
CL74:7_C20:1	CL56:0	NA	NA	
CL74:7_C20:2	CL56:0	NA	NA	
CL74:8_C18:2	CL56:0	NA	NA	
CL74:8_C20:2	CL56:0	NA	NA	
CL74:9_C18:1	CL56:0	0.175		0.63
CL74:9_C18:2	CL56:0	NA		0.06
CL74:9_C20:3	CL56:0	NA	NA	
CL74:9_C20:4	CL56:0	NA	NA	
CL76:10_C18:1	CL56:0	0.07	NA	
CL76:10_C18:2	CL56:0	NA	NA	
CL76:10_C20:3	CL56:0	NA	NA	
CL76:10_C20:4	CL56:0	0.41	NA	
CL76:10_C22:5	CL56:0	NA	NA	
CL76:10_C22:6	CL56:0	NA	NA	
CL76:11_C18:1	CL56:0	0.215	NA	
CL76:11_C18:2	CL56:0	NA	NA	
CL76:11_C22:5	CL56:0	NA	NA	
CL76:11_C22:6	CL56:0	NA	NA	
CL76:12_C18:2	CL56:0	NA	NA	
CL76:12_C22:6	CL56:0	NA	NA	
CL76:9_C18:0	CL56:0	NA	NA	
CL76:9_C18:1	CL56:0	NA	NA	
CL76:9_C18:2	CL56:0	NA	NA	
CL76:9_C20:1	CL56:0	NA	NA	
CL76:9_C20:4	CL56:0	NA	NA	
CL76:9_C22:6	CL56:0	NA	NA	
CL78:12_C18:1	CL56:0	1.53		0.51
CL78:12_C18:2	CL56:0	NA	NA	
CL78:12_C20:2	CL56:0	NA	NA	
CL78:12_C20:3	CL56:0	NA	NA	
CL78:12_C22:6	CL56:0	NA	NA	
CL78:13_C18:2	CL56:0	NA	NA	
CL78:13_C20:3	CL56:0	NA	NA	

CL78:13_C22:6	CL56:0	NA	NA
CL78:14_C18:2	CL56:0	NA	NA
CL78:14_C20:4	CL56:0	NA	NA
CL78:14_C22:6	CL56:0	NA	NA
CL78:15_C18:2	CL56:0	NA	NA
CL78:15_C18:3	CL56:0	NA	NA
CL78:15_C20:4	CL56:0	NA	NA
CL78:15_C22:6	CL56:0	NA	NA
CL80:14_C18:2	CL56:0	NA	NA
CL80:14_C22:6	CL56:0	NA	NA
DHCer28:1(-H2O)	C17Cer	0.32	0.195
DHCer30:1	C17Cer	0.05	0.1
DHCer32:1	C17Cer	0.06	0.03
DHCer34:0(-H2O)	C17Cer	2.475	1.7
DHCer36:0	C17Cer	0.335	0.455
DHCer36:0(-H2O)	C17Cer	1	0.905
DHCer38:1(-H2O)	C17Cer	0.445	0.325
DHCer40:0(-H2O)	C17Cer	3.465	5.765
DHCer40:1(-H2O)	C17Cer	2.315	2.085
DHCer42:0(-H2O)	C17Cer	10.53	11.375
DHCer42:1	C17Cer	4.405	8.245
DHCer42:1(-H2O)	C17Cer	42.055	42.505
DHCer44:1(-H2O)	C17Cer	2.455	3.26
DLPC	DLPC	4000	4000
GlcCer28:1	NA	NA	NA
GlcCer28:1(-H2O)	C8GC	4.095	5.02
GlcCer28:2(-H2O)	C8GC	0.605	0.7
GlcCer30:1(-H2O)	C8GC	14.96	12.92
GlcCer30:2(-H2O)	C8GC	6.375	5.98
GlcCer32:1(-H2O)	C8GC	13.415	15.8
GlcCer32:2(-H2O)	C8GC	12.97	11.135
GlcCer34:1(-H2O)	C8GC	106.355	125.595
GlcCer34:2(-H2O)	C8GC	2.29	2.445
GlcCer36:1(-H2O)	C8GC	27.545	24.275
GlcCer36:2(-H2O)	C8GC	1.535	2.485
GlcCer38:1(-H2O)	C8GC	15.89	13.205
GlcCer38:2(-H2O)	C8GC	8.56	8.53
GlcCer40:1(-H2O)	C8GC	221.705	224.715
GlcCer40:2(-H2O)	C8GC	90.52	96.07
GlcCer42:1(-H2O)	C8GC	536.555	529.725
GlcCer42:2(-H2O)	C8GC	1702.305	1855.835
GlcCer44:2(-H2O)	C8GC	99.195	114.065
GlcDHCer28:0(-H2O)	C8GC	1.665	2.31
GlcDHCer36:0(-H2O)	C8GC	1.12	1.485
GlcDHCer38:0(-H2O)	C8GC	0.375	0.655
GlcDHCer40:0(-H2O)	C8GC	3.495	3.53

GlcDHCer40:1(-H2O)	C8GC	2.685	3.815
GlcDHCer42:0(-H2O)	C8GC	8.265	8.2
GlcDHCer42:1(-H2O)	C8GC	25.255	30.53
LysoPC14:0	DLPC	1.135	1.345
LysoPC14:1	DLPC	0.32	0.255
LysoPC14:2	DLPC	0.065	0.115
LysoPC16:0	DLPC	15.12	16.105
LysoPC16:1	DLPC	4.02	5.045
LysoPC16:2	DLPC	0.37	0.4
LysoPC18:0	DLPC	2.95	3.105
LysoPC18:1	DLPC	18.485	19.095
LysoPC18:2	DLPC	0.25	0.27
LysoPC20:0	DLPC	0.28	0.255
LysoPC20:1	DLPC	2.41	2.395
LysoPC20:2	DLPC	0.955	0.975
LysoPC22:0	DLPC	0.205	0.285
LysoPC22:1	DLPC	0.35	0.28
LysoPC22:2	DLPC	0.11	0.145
LysoPE14:0	PE31:1	0.52	0.555
LysoPE14:1	PE31:1	1.88	1.445
LysoPE14:2	PE31:1	NA	0.085
LysoPE16:0	PE31:1	5.485	6.675
LysoPE16:1	PE31:1	2.95	3.27
LysoPE16:2	PE31:1	0.135	0.155
LysoPE18:0	PE31:1	5.425	7.275
LysoPE18:1	PE31:1	22.53	26.93
LysoPE18:2	PE31:1	0.42	0.825
LysoPE20:0	PE31:1	0.075	0.235
LysoPE20:1	PE31:1	3.415	4.325
LysoPE20:2	PE31:1	0.305	0.555
LysoPE22:0	PE31:1	0.215	0.135
LysoPE22:1	PE31:1	0.34	0.585
LysoPE22:2	PE31:1	0.24	0.41
LysoPI14:0	PI31:1	NA	NA
LysoPI14:1	PI31:1	0.815	1.485
LysoPI14:2	PI31:1	0.03	NA
LysoPI16:0	PI31:1	4.305	2.175
LysoPI16:1	PI31:1	2.235	1.355
LysoPI16:2	PI31:1	0.04	NA
LysoPI18:0	PI31:1	61.215	57.855
LysoPI18:1	PI31:1	27.29	39.92
LysoPI18:2	PI31:1	0.125	0.03
LysoPI20:0	PI31:1	0.21	0.27
LysoPI20:1	PI31:1	0.96	0.555
LysoPI20:2	PI31:1	1.3	0.77
LysoPI22:0	PI31:1	1.555	0.685

LysoPI22:1	PI31:1	0.765	1.255
LysoPI22:2	PI31:1	2.325	0.75
LysoPS14:0	PS31:1	0.02	0.04
LysoPS14:1	PS31:1	5.725	7.785
LysoPS14:2	PS31:1	NA	NA
LysoPS16:0	PS31:1	1.83	0.765
LysoPS16:1	PS31:1	0.195	0.785
LysoPS16:2	PS31:1	NA	NA
LysoPS18:0	PS31:1	3.07	2.85
LysoPS18:1	PS31:1	7.53	5.51
LysoPS18:2	PS31:1	NA	0.015
LysoPS20:0	PS31:1	NA	NA
LysoPS20:1	PS31:1	0.545	0.165
LysoPS20:2	PS31:1	NA	NA
LysoPS22:0	PS31:1	NA	NA
LysoPS22:1	PS31:1	0.01	NA
LysoPS22:2	PS31:1	NA	NA
PC(O-)30:0	DLPC	1797.065	2286
PC(O-)30:1	DLPC	591.55	701.12
PC(O-)30:2	DLPC	23.115	28.455
PC(O-)30:3	DLPC	2.885	3.115
PC(O-)30:4	DLPC	0.825	1.03
PC(O-)30:5	DLPC	1.3	1.59
PC(O-)30:6	DLPC	38.65	46.895
PC(O-)32:0	DLPC	9205.76	11842.495
PC(O-)32:1	DLPC	9011.37	11788.34
PC(O-)32:2	DLPC	1080.255	1350.075
PC(O-)32:3	DLPC	22.95	27.78
PC(O-)32:4	DLPC	8.25	10.74
PC(O-)32:5	DLPC	12.74	16.12
PC(O-)32:6	DLPC	538.87	638.74
PC(O-)34:0	DLPC	3375.445	4353.515
PC(O-)34:1	DLPC	27127.165	36882.115
PC(O-)34:2	DLPC	5782.31	7369.205
PC(O-)34:3	DLPC	514.445	649.72
PC(O-)34:4	DLPC	17.68	23.995
PC(O-)34:5	DLPC	21.41	26.52
PC(O-)36:0	DLPC	267.73	363.56
PC(O-)36:1	DLPC	2228.795	2790.24
PC(O-)36:2	DLPC	5418.01	7208.29
PC(O-)36:3	DLPC	1346.25	1762.915
PC(O-)36:4	DLPC	554.77	742.305
PC(O-)36:5	DLPC	378.13	482.325
PC(O-)36:6	DLPC	225.415	282.91
PC(O-)38:1	DLPC	250.585	342.91
PC(O-)38:2	DLPC	771.5	1064.37

PC(O-)38:3	DLPC	207.56	425.91
PC(O-)38:4	DLPC	318.725	440.435
PC(O-)38:5	DLPC	911.355	1242.11
PC(O-)38:6	DLPC	799.61	1061.1
PC(O-)40:2	DLPC	110.29	231.325
PC(O-)40:3	DLPC	57.375	317.85
PC(O-)40:4	DLPC	47.3	82.105
PC(O-)40:5	DLPC	125.3	182.62
PC(O-)40:6	DLPC	317.99	440.29
PC(O-)42:1	DLPC	10.735	16.585
PC(O-)42:2	DLPC	16.985	30.77
PC(O-)42:3	DLPC	14.96	50.755
PC(O-)42:4	DLPC	14.55	42.08
PC(O-)42:5	DLPC	18.07	31.585
PC(O-)42:6	DLPC	25.885	39.225
PC(O-)44:1	DLPC	3.445	6.395
PC(O-)44:2	DLPC	5.25	11.735
PC(O-)44:3	DLPC	7.08	20.55
PC(O-)44:4	DLPC	5.11	26.755
PC(O-)44:5	DLPC	5.755	27.335
PC(O-)44:6	DLPC	5.585	33.915
PC28:0	DLPC	509.725	603.935
PC28:1	DLPC	91.385	110.665
PC28:2	DLPC	2.62	2.815
PC28:3	DLPC	0.255	0.365
PC28:4	DLPC	0.185	0.2
PC28:5	DLPC	0.225	0.43
PC28:6	DLPC	11.705	13.12
PC30:0	DLPC	10524.43	12226.97
PC30:1	DLPC	3784.055	4491.415
PC30:2	DLPC	73.485	92.57
PC30:3	DLPC	3.96	4.955
PC30:4	DLPC	0.93	1.655
PC30:5	DLPC	1.59	2.33
PC30:6	DLPC	85.675	108.48
PC32:0	DLPC	20099.575	24073.285
PC32:1	DLPC	49968.82	61617.09
PC32:2	DLPC	5721.79	7303.165
PC32:3	DLPC	60.695	74.405
PC32:4	DLPC	4.07	5.745
PC32:5	DLPC	7.905	11.435
PC32:6	DLPC	461.045	613.51
PC34:0	DLPC	7465.485	8979.7
PC34:1	DLPC	113564.26	136862.405
PC34:2	DLPC	45323.965	56628.365
PC34:3	DLPC	922.705	1156.17

PC34:4	DLPC	59.87	73.535
PC34:5	DLPC	26.58	34.385
PC34:6	DLPC	182.34	230.79
PC36:0	DLPC	702.35	905.085
PC36:1	DLPC	12500.455	15108.345
PC36:2	DLPC	70959.545	83974.885
PC36:3	DLPC	3458.43	4420.68
PC36:4	DLPC	903.075	1087.48
PC36:5	DLPC	440.18	544.24
PC36:6	DLPC	94.36	118.545
PC38:0	DLPC	363.2	509.56
PC38:1	DLPC	1203.86	1496.595
PC38:2	DLPC	8663.355	10763.395
PC38:3	DLPC	1091.7	1521.765
PC38:4	DLPC	566.095	686
PC38:5	DLPC	1247.19	1550.535
PC38:6	DLPC	881.36	1098.02
PC40:0	DLPC	22.625	33.115
PC40:1	DLPC	60.77	76.875
PC40:2	DLPC	261.62	341.02
PC40:3	DLPC	146.205	193.59
PC40:4	DLPC	65.14	92.305
PC40:5	DLPC	205.295	264.69
PC40:6	DLPC	499.83	616.46
PC42:0	DLPC	5.15	8.74
PC42:1	DLPC	25.9	34.645
PC42:2	DLPC	83.755	107.22
PC42:3	DLPC	49.85	68.3
PC42:4	DLPC	12.68	21.635
PC42:5	DLPC	23.71	37.145
PC42:6	DLPC	46.825	69.615
PC44:0	DLPC	0.93	2.81
PC44:1	DLPC	5.585	8.835
PC44:2	DLPC	27.42	34.415
PC44:3	DLPC	30.975	46.36
PC44:4	DLPC	4.485	13.005
PC44:5	DLPC	4.87	33.36
PC44:6	DLPC	5.805	48.76
PE(O-)30:0	PE31:1	7.67	7.645
PE(O-)30:1	PE31:1	3.68	3.425
PE(O-)32:2	PE31:1	17.98	21.205
PE(O-)32:5	PE31:1	0.105	0.355
PE(O-)34:0	PE31:1	60.285	64.12
PE(O-)34:1	PE31:1	328.085	359.305
PE(O-)34:2	PE31:1	131.6	153.22
PE(O-)34:3	PE31:1	17.46	18.67

PE(O-)34:4	PE31:1	75.865	48.945
PE(O-)34:5	PE31:1	1.635	1.485
PE(O-)36:3	PE31:1	60.76	78.575
PE(O-)36:4	PE31:1	34.63	35.855
PE(O-)36:5	PE31:1	60.895	61.945
PE(O-)36:6	PE31:1	47.92	54.105
PE(O-)38:4	PE31:1	90.855	103.63
PE(O-)38:5	PE31:1	131.915	143.615
PE(O-)38:6	PE31:1	147.94	160.365
PE(O-)40:6	PE31:1	73.83	79.91
PE28:0	PE31:1	3.54	5.73
PE28:1	PE31:1	1.68	3.405
PE28:2	PE31:1	0.67	0.73
PE28:3	PE31:1	0.2	0.19
PE28:4	PE31:1	0.045	0.125
PE28:5	PE31:1	0.165	0.135
PE28:6	PE31:1	0.225	0.31
PE30:0	PE31:1	90.76	108.68
PE30:1	PE31:1	51.37	58.77
PE30:2	PE31:1	1.41	1.545
PE30:3	PE31:1	0.05	0.185
PE30:4	PE31:1	0.05	0.185
PE30:5	PE31:1	0.04	NA
PE30:6	PE31:1	0.56	0.68
PE32:0	PE31:1	453.245	512.145
PE32:1	PE31:1	2305.75	2498.095
PE32:2	PE31:1	344.95	401.975
PE32:3	PE31:1	3.43	4.125
PE32:4	PE31:1	0.55	0.74
PE32:5	PE31:1	0.215	0.11
PE32:6	PE31:1	6.095	7.015
PE34:0	PE31:1	970.455	1041.585
PE34:1	PE31:1	12277.595	13604.09
PE34:2	PE31:1	7784.5	8750.155
PE34:3	PE31:1	164.985	181.935
PE34:4	PE31:1	29.5	31.435
PE34:5	PE31:1	5.755	6.435
PE34:6	PE31:1	3.945	4.31
PE36:0	PE31:1	821.85	869.095
PE36:1	PE31:1	13278.765	13605.115
PE36:2	PE31:1	30545.82	31708.565
PE36:3	PE31:1	1586.09	1785.195
PE36:4	PE31:1	642.77	676.6
PE36:5	PE31:1	306.21	321.495
PE36:6	PE31:1	39.1	47.235
PE38:0	PE31:1	58.06	67.375

PE38:1	PE31:1	283.82	295.785
PE38:2	PE31:1	1261.125	1314.475
PE38:3	PE31:1	920.96	1007.55
PE38:4	PE31:1	4333.73	4725.15
PE38:5	PE31:1	3724.62	3943.16
PE38:6	PE31:1	1009.875	1146.04
PE40:0	PE31:1	12.695	14.255
PE40:1	PE31:1	71.45	78.975
PE40:2	PE31:1	285.88	296.3
PE40:3	PE31:1	105.23	122
PE40:4	PE31:1	185.18	213.91
PE40:5	PE31:1	691.38	799.695
PE40:6	PE31:1	1833.685	2050.855
PE42:0	PE31:1	3.81	4.84
PE42:1	PE31:1	37.965	37.815
PE42:2	PE31:1	128.445	142.82
PE42:3	PE31:1	57.115	65.965
PE42:4	PE31:1	26.54	24.39
PE42:5	PE31:1	58.42	57.5
PE42:6	PE31:1	44.71	51.68
PE44:0	PE31:1	0.775	1.365
PE44:1	PE31:1	4.595	6.065
PE44:2	PE31:1	25.06	27.775
PE44:3	PE31:1	17.165	18.185
PE44:4	PE31:1	8.65	11.76
PE44:5	PE31:1	37.085	30.62
PE44:6	PE31:1	17.655	28.26
PI(O-)30:0	PI31:1	5.64	4.675
PI(O-)30:1	PI31:1	32.53	30.275
PI(O-)30:2	PI31:1	4.98	10.235
PI(O-)30:3	PI31:1	0.285	0.45
PI(O-)30:5	PI31:1	1.225	0.95
PI(O-)30:6	PI31:1	4.105	4.63
PI(O-)32:2	PI31:1	17.755	19.65
PI(O-)32:3	PI31:1	0.315	0.595
PI(O-)32:4	PI31:1	0.29	0.785
PI(O-)32:5	PI31:1	0.41	1.44
PI(O-)32:6	PI31:1	0.905	0.935
PI(O-)34:2	PI31:1	14.55	15.855
PI(O-)34:5	PI31:1	0.675	0.55
PI(O-)34:6	PI31:1	3.94	3.17
PI(O-)36:1	PI31:1	90.09	88.31
PI(O-)36:2	PI31:1	80.845	94.59
PI(O-)36:3	PI31:1	3.485	4.36
PI(O-)36:4	PI31:1	0.395	0.625
PI(O-)36:5	PI31:1	0.585	0.405

PI(O-)38:1	PI31:1	50.02	55.485
PI(O-)38:2	PI31:1	210.25	226.665
PI(O-)38:3	PI31:1	32.735	38.87
PI(O-)38:4	PI31:1	25.32	18.775
PI(O-)38:5	PI31:1	13.76	12.635
PI(O-)40:2	PI31:1	45.965	46.14
PI(O-)40:3	PI31:1	71.215	88.37
PI(O-)40:4	PI31:1	18.98	14.2
PI(O-)40:5	PI31:1	7.305	10.59
PI(O-)42:1	PI31:1	3.225	7
PI(O-)42:2	PI31:1	12.635	13.77
PI(O-)42:3	PI31:1	5.775	9.36
PI(O-)42:6	PI31:1	16.845	26.18
PI(O-)44:1	PI31:1	0.17	0.39
PI(O-)44:4	PI31:1	0.82	1.02
PI28:0	PI31:1	3.02	3.835
PI28:1	PI31:1	7.39	12.065
PI28:2	PI31:1	3.29	2.805
PI28:3	PI31:1	2.52	1.01
PI28:4	PI31:1	0.64	1.545
PI28:5	PI31:1	0.33	0.525
PI28:6	PI31:1	2.1	1.51
PI30:0	PI31:1	5.97	4.345
PI30:1	PI31:1	88.325	99.76
PI30:2	PI31:1	17.005	22.945
PI30:3	PI31:1	0.14	0.14
PI30:4	PI31:1	1.1	0.195
PI30:5	PI31:1	0.625	0.915
PI30:6	PI31:1	1.55	0.63
PI31:1	PI31:1	10000	10000
PI32:0	PI31:1	73.165	87.065
PI32:1	PI31:1	291.975	313.585
PI32:2	PI31:1	96.94	142.615
PI32:3	PI31:1	0.515	0.47
PI32:4	PI31:1	0.22	NA
PI32:5	PI31:1	0.45	0.05
PI32:6	PI31:1	2.26	2.51
PI34:0	PI31:1	148.28	176.055
PI34:1	PI31:1	2967.01	3415.215
PI34:2	PI31:1	2283.24	2528.95
PI34:3	PI31:1	23.77	26.71
PI34:4	PI31:1	0.315	0.465
PI34:5	PI31:1	0.345	0.62
PI34:6	PI31:1	7.655	7.745
PI36:0	PI31:1	418.47	421.995
PI36:1	PI31:1	8319.68	8375.3

PI36:2	PI31:1	8546.965	9155.505
PI36:3	PI31:1	372.125	407.97
PI36:4	PI31:1	53.705	58.66
PI36:5	PI31:1	7.96	8.85
PI36:6	PI31:1	35.775	35.315
PI38:0	PI31:1	49.16	65.59
PI38:1	PI31:1	372.835	424.315
PI38:2	PI31:1	1468.52	1580.175
PI38:3	PI31:1	1281.5	1540.47
PI38:4	PI31:1	2147.885	2127.965
PI38:5	PI31:1	687.72	655.705
PI38:6	PI31:1	50.85	56.595
PI40:0	PI31:1	79.27	138.35
PI40:1	PI31:1	105.555	155.185
PI40:2	PI31:1	207.875	238.09
PI40:3	PI31:1	170.21	229.915
PI40:4	PI31:1	250.54	267.475
PI40:5	PI31:1	362.33	343.865
PI40:6	PI31:1	257.355	274.115
PI42:0	PI31:1	3.26	10.405
PI42:1	PI31:1	24.315	34.23
PI42:2	PI31:1	98.48	124.02
PI42:3	PI31:1	90.105	128.465
PI42:4	PI31:1	11.15	20.715
PI42:5	PI31:1	3.08	5.04
PI42:6	PI31:1	3.005	4.295
PI44:0	PI31:1	1.715	3.78
PI44:1	PI31:1	3.225	4.555
PI44:2	PI31:1	10.24	8.745
PI44:3	PI31:1	11.285	13.82
PI44:4	PI31:1	12.945	16.535
PI44:5	PI31:1	15.305	23.345
PI44:6	PI31:1	4	5.085
PS(O-)30:0	PS31:1	5.65	6.34
PS(O-)30:1	PS31:1	1.86	1.18
PS(O-)30:2	PS31:1	NA	NA
PS(O-)30:6	PS31:1	0.22	0.175
PS(O-)32:2	PS31:1	1.545	3.945
PS(O-)34:0	PS31:1	36.06	43.325
PS(O-)34:1	PS31:1	104.355	143.72
PS(O-)34:2	PS31:1	11.245	12.73
PS(O-)34:3	PS31:1	15.655	25.785
PS(O-)34:5	PS31:1	NA	0.07
PS(O-)36:0	PS31:1	26.72	28.445
PS(O-)36:1	PS31:1	182.195	217.15
PS(O-)36:2	PS31:1	41.77	66.115

PS(O-)36:3	PS31:1	2.06	4.005
PS(O-)36:4	PS31:1	1.585	1.035
PS(O-)36:5	PS31:1	2.425	2.21
PS(O-)38:0	PS31:1	16.27	25.81
PS(O-)38:1	PS31:1	46.495	55.26
PS(O-)38:2	PS31:1	26.98	33.59
PS(O-)38:3	PS31:1	2.25	3.21
PS(O-)38:4	PS31:1	3.585	4.78
PS(O-)38:5	PS31:1	2.425	2.485
PS(O-)38:6	PS31:1	6.905	10.15
PS(O-)40:1	PS31:1	2.3	4.33
PS(O-)40:2	PS31:1	11.395	13.04
PS(O-)40:5	PS31:1	2.14	4.145
PS(O-)40:6	PS31:1	2.21	3.04
PS(O-)42:2	PS31:1	4.065	6.19
PS(O-)44:6	PS31:1	0.045	NA
PS28:0	PS31:1	0.675	0.275
PS28:1	PS31:1	0.08	0.11
PS28:2	PS31:1	0.48	0.715
PS28:3	PS31:1	NA	NA
PS28:4	PS31:1	NA	NA
PS28:5	PS31:1	NA	NA
PS28:6	PS31:1	0.045	0.055
PS30:0	PS31:1	16	20.71
PS30:1	PS31:1	9.29	10.495
PS30:2	PS31:1	0.09	0.035
PS30:3	PS31:1	NA	NA
PS30:4	PS31:1	NA	NA
PS30:5	PS31:1	NA	NA
PS30:6	PS31:1	0.16	0.46
PS31:1	PS31:1	33000	33000
PS32:0	PS31:1	179.8	222.18
PS32:1	PS31:1	332.585	414.66
PS32:2	PS31:1	5.505	4.72
PS32:3	PS31:1	0.255	0.18
PS32:4	PS31:1	0.035	0.025
PS32:5	PS31:1	0.025	0.265
PS32:6	PS31:1	13.535	14.47
PS34:0	PS31:1	422.045	561.45
PS34:1	PS31:1	3375.91	4174.45
PS34:2	PS31:1	534.175	590.54
PS34:3	PS31:1	8.425	9.8
PS34:4	PS31:1	1.895	3.105
PS34:5	PS31:1	0.47	0.875
PS34:6	PS31:1	4.09	7.215
PS36:0	PS31:1	502.16	617.215

PS36:1	PS31:1	8300.485	11141.05
PS36:2	PS31:1	3071.61	4095.435
PS36:3	PS31:1	73.635	88.095
PS36:4	PS31:1	44.365	63.29
PS36:5	PS31:1	8.56	11.805
PS36:6	PS31:1	3.23	3.3
PS38:0	PS31:1	10.075	14.225
PS38:1	PS31:1	144.58	198.92
PS38:2	PS31:1	338.005	475.045
PS38:3	PS31:1	123.745	132.78
PS38:4	PS31:1	193.59	234.355
PS38:5	PS31:1	75.825	99.18
PS38:6	PS31:1	8.7	11.475
PS40:0	PS31:1	2.8	3.89
PS40:1	PS31:1	39.49	59.085
PS40:2	PS31:1	160.62	295.73
PS40:3	PS31:1	28.05	38.79
PS40:4	PS31:1	48.375	55.63
PS40:5	PS31:1	124.275	172.225
PS40:6	PS31:1	194.985	255.065
PS42:0	PS31:1	0.535	0.225
PS42:1	PS31:1	10.535	10.615
PS42:2	PS31:1	41.165	51.73
PS42:3	PS31:1	14.395	21.57
PS42:4	PS31:1	2.2	2.32
PS42:5	PS31:1	6.295	8.84
PS42:6	PS31:1	3.35	6.88
PS44:0	PS31:1	NA	NA
PS44:1	PS31:1	0.135	0.13
PS44:2	PS31:1	0.98	2.395
PS44:3	PS31:1	0.79	1.21
PS44:4	PS31:1	0.05	0.03
PS44:5	PS31:1	0.385	0.81
PS44:6	PS31:1	0.14	0.645
SM32:0	C12SM	4.645	4.86
SM32:1	C12SM	78.24	88.55
SM32:2	C12SM	0.505	0.35
SM34:0	C12SM	137.365	119.39
SM34:1	C12SM	2459.245	2384.43
SM34:2	C12SM	11.345	11.27
SM36:0	C12SM	15.17	17.84
SM36:1	C12SM	131.9	117.685
SM36:2	C12SM	9.19	7.995
SM38:1	C12SM	45.16	39.88
SM38:2	C12SM	7.045	7.695
SM38:3	C12SM	0.125	0.09

SM40:0	C12SM	37.465	37.595
SM40:1	C12SM	685.6	754.625
SM40:2	C12SM	485.81	530.41
SM40:3	C12SM	6.325	6.935
SM42:0	C12SM	42.42	46.58
SM42:1	C12SM	1942.25	2090.26
SM42:2	C12SM	17790.275	18670.56
SM42:3	C12SM	709.185	821.54
SM44:0	C12SM	0.33	0.225
SM44:1	C12SM	6.78	6.03
SM44:2	C12SM	75.98	94.075
SM44:3	C12SM	23.46	24.585

Hela_p2_3	Hela_siTMED	Hela_siTMED	Hela_siTMED2_p2_3
34250	34250	34250	34250
5000	5000	5000	5000
5000	5000	5000	5000
NA	NA	NA	NA
1000	1000	1000	1000
0.38	0.54	0.715	0.295
5.83	13.76	11.635	11.15
0.035	0.02	0.125	0.025
11.39	25.14	33.425	20.57
76.565	177.405	168.79	119.255
1.11	0.505	1.785	0.945
14.145	19.535	17.615	15.075
0.89	0.165	0.695	0.225
0.355	0.37	0.67	0.31
8.325	9.285	8.685	7.67
0.245	0.295	0.395	0.205
15.815	20.77	22.19	18.94
97.195	155.105	171.505	141.755
30.305	23.635	27.115	19.935
49.025	56.735	53.86	51.595
82.325	107.73	174.76	123.755
349.805	578.57	490.045	528.73
888.515	722.45	1503.665	1011.515
1302.68	2043.24	1629.7	1652.38
1.05	0.735	1.545	0.645
15.155	9.85	16.875	9.21
10.475	7.3	10.14	7.31
91.18	53.23	45.915	51.79
1.31	1.36	2.685	1.065
2.935	2.48	1.44	2.205
103.815	39.785	63.755	39.8
31.285	29.745	27.82	24.275
3.925	1.275	2.105	1.12
11.68	7.815	6.655	6.745
0.825	0.295	0.455	0.51
28.62	32.71	25.95	26.5
43.74	71.27	48.66	39.17
108.56	193.04	103.45	114.365
NA	NA	NA	NA
7.53	4.54	6.83	2.44
229.79	444	324.78	291.955
334.39	471.78	431.16	355.925
3.84	7.86	4.69	4.03
0.08	NA	NA	0.04
73.53	90.85	75.28	73.25

32.58	43.68	38.94	33.655
17.02	28.27	26.95	20.32
8.15	8.9	7.68	7.465
2.21	2.11	3.14	1.145
45.01	66.82	67.48	28.81
2.47	3.94	3.29	1.835
41.93	70.41	48.91	34.71
NA	NA	NA	NA
14.91	11.75	14.29	8.615
93.55	114.51	88.1	71.105
5.17	4.62	2.91	3.13
412.47	496.89	444.67	339.475
6.05	5.64	5.98	5.92
0.51	0.71	NA	0.43
37.34	64.31	52.52	50.745
148.5	202.39	158.15	154.015
34.05	45.51	44.3	39.615
NA	NA	NA	NA
10.5	9.28	13.82	11.68
17.76	19.02	10.8	14.21
9.95	9.05	10.2	7.67
5.29	3.3	2.29	2.055
1.38	0.69	0.89	0.195
0.09	NA	NA	NA
0.5	NA	NA	0.09
NA	0.24	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
74.95	80.69	67.83	61.655
0.12	NA	NA	0.135
66.41	74.6	65.88	61.11
9.06	11.99	8.59	8.2
25.49	24.76	25.62	25.53
10.77	10.33	8.41	5.89
5.58	5.51	4.94	3.24
1.32	2.06	0.92	0.685
0.46	0.11	0.21	0.145
NA	NA	NA	NA
0.65	0.26	0.15	0.62
0.13	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
0.19	NA	NA	NA
NA	NA	0.29	NA

NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	1.82	1.95	1.98	0.57
	1.21	0.54	0.98	0.205
NA	NA	NA	NA	
	5.44	3.29	2.5	1.69
	3.9	3.38	4.68	1.165
NA	NA	NA	NA	
NA	NA	NA	NA	
	1.76	2.22	1.62	1.22
NA	NA	NA		0.025
NA	NA	NA	NA	
NA	NA	NA	NA	
	0.41	NA	NA	NA
NA	NA	NA	NA	
	1.03	1.26	NA	0.355
	0.16	NA	NA	0.17
NA	NA	NA	NA	
NA	NA	NA	NA	
	0.07	NA	NA	0.28
NA	NA	NA	NA	
NA	NA	NA	NA	
NA		0.1	NA	NA
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA		0.18
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	0.26	0.57	NA	0.395
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	0.45	NA	0.76	0.135
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	

NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
0.305	0.345	0.215	0.18
NA	0.015	0.09	0.035
0.06	NA	0.035	0.03
1.62	2.675	2.63	2.355
0.6	0.195	0.435	0.265
0.7	0.375	0.7	0.68
0.3	0.115	0.075	0.145
5.37	4.63	4.745	3.96
1.845	1.315	1.565	1.33
10.845	11.75	10.69	13.105
3.26	3.885	6.115	3.87
37.735	35.235	31.58	37.48
3.455	1.365	1.3	1.855
4000	4000	4000	4000
NA	NA	NA	NA
4.035	6.535	4.725	5.155
0.67	0.65	0.885	1.14
14.35	15.975	14.21	11.205
6.7	6.845	6.215	5.5
13.23	28.98	40.645	24.49
11.07	9.63	13.57	10.015
113.405	632.04	598.32	410.905
1.92	4.83	3.24	2.71
26.725	60.99	53.63	49.365
2.225	4.835	4.84	2.025
11.935	36.64	27.19	25.765
7.885	10.4	8.725	7.065
201.98	768.44	578.76	564.75
92.955	274.51	147.845	159.1
574.005	1979.835	1414.365	1605.82
1821.745	5548.615	3721.035	3971.595
106.055	153.555	106.12	111.66
3.645	1.46	1.31	2.85
1.495	1.395	2.145	1.73
1.385	0.59	2.25	1.2
3.045	10.545	8.86	5.32

2.59	6.85	6.85	6.655
8.77	23.435	19.875	19.03
23.59	71.51	59.955	52.165
1.15	1.675	1.165	1.12
0.42	0.52	0.395	0.26
0.085	0.09	0.065	0.06
15.865	18.015	15.78	13.41
4.165	5.08	4.53	3.835
0.36	0.415	0.275	0.375
3.24	3.685	3.03	2.555
16.135	21.4	16.86	16.035
0.325	0.31	0.22	0.225
0.21	0.32	0.22	0.125
1.695	2.34	1.975	1.895
0.9	0.97	0.96	0.91
0.27	0.32	0.515	0.28
0.255	0.27	0.195	0.22
0.145	0.185	0.17	0.105
0.515	0.74	0.325	0.395
1.895	3.275	1.995	1.925
0.11	0.16	0.05	0.095
5.075	4.725	3.395	3.805
2.59	2.955	2.09	2.565
0.155	0.655	0.155	0.11
6.92	8.8	4.975	5.455
25.75	28.505	20.965	21.955
0.725	0.635	0.29	0.525
0.17	0.385	0.125	0.205
2.725	5.6	3.855	3.295
0.285	0.465	0.21	0.175
0.47	0.625	0.39	0.305
0.415	0.605	0.65	0.435
0.325	0.59	0.45	0.295
NA	0.31	NA	NA
0.59	0.87	2.43	0.71
NA	0.25	NA	0.06
8.76	4.8	2.46	2.69
2.66	1.75	1.19	0.9
0.04	0.19	0.27	0.235
64.59	46.47	37.03	28.1
32.02	29.2	24.27	27.325
0.24	0.53	0.29	0.16
0.58	1.19	0.1	0.155
2.27	1.71	0.81	1.055
1.02	0.3	1.14	0.305
1.23	1.86	1.58	1.1

6.25	0.77	2.43	2.175
0.52	0.72	0.14	0.345
0.14	0.02	NA	NA
8.19	6.99	7.15	8.88
0.05	0.03	0.03	0.035
0.27	0.62	0.25	0.135
0.39	0.27	0.18	0.055
0.02	NA	NA	NA
3.35	3.73	7.34	3.55
8.74	8.19	5.28	3.695
NA	0.05	NA	NA
0.08	0.08	0.03	NA
0.65	0.44	0.43	0.245
NA	NA	NA	NA
NA	NA	0.05	0.035
NA	0.26	0.07	0.035
NA	NA	NA	NA
1959.31	5475.295	4233.84	4214.955
612.745	882.705	701.33	692.125
27.66	21.38	18.125	17.375
2.86	2.85	2.045	1.88
1.215	0.605	1.045	0.48
1.685	1.79	1.755	1.1
45.265	53.95	46.735	46.14
9834.83	21500.32	17419.265	16446.675
10025.975	23151.9	18515.23	18792.85
1156.665	1561.455	1263.23	1220.42
28.065	28.44	24.975	21.955
9.545	7.46	6.125	6.075
14.58	14.63	11.995	12.95
586.72	882.235	708.69	704.385
3749.045	6695.68	5368.87	5068.815
30320.34	54548.61	43204.205	42641.505
6610.255	8725.075	6858.21	6965.07
574.33	610.14	487.725	497.185
22.05	21.675	18.045	19.165
24.75	42.18	35.19	34.69
318.605	402.98	317.905	324.545
2563.685	3980.355	3109.345	3239.425
6260.39	9092.54	7152.1	7370.77
1533.085	1863.785	1558.125	1540.425
663.79	967.38	777.3	822.725
454.9	557.555	453.82	500.115
259.535	274.535	225.67	221.85
300.785	323.845	272.175	256.43
912.65	1210.225	1053.38	935.68

382.91	400.385	591.73	331.465
393.23	648.75	550.645	564.695
1120.02	1779.97	1519.22	1552.2
987.68	1282.86	1057.53	1109.925
193.39	132	234.865	114.89
249.7	138.36	429.35	140.305
75.055	78.385	76.55	73.85
160.345	254.8	211.445	215
408.485	626.7	510.52	537.825
15.73	11.83	12.535	10.865
29.35	20.86	26.23	18.795
41.585	24.62	41.9	23.56
36.75	20.48	31.45	28.225
27.075	25.47	27.27	23.615
38.675	40.115	39.36	33.64
5.53	3.59	5.665	3.18
9.64	7.33	8.155	5.745
13.685	8.345	13.82	7.79
17.53	8.275	19.36	7.46
19.015	10.115	27.92	9.16
24.635	12.115	37.525	11.335
538.57	772.6	623.91	609.445
97.83	93.17	77.195	68.415
2.7	1.985	1.66	1.92
0.485	0.315	0.355	0.18
0.31	0.18	0.44	0.095
0.37	0.315	0.34	0.165
13.36	11.17	9.725	8.99
11402.995	17532.875	14445.195	14226.455
3851.44	5104.48	3919.69	3940.545
79.245	71.615	58.61	57.755
4.65	3.905	4.39	2.955
1.675	0.775	2.6	0.715
1.91	2.585	2.21	1.91
95.585	255.055	200.08	197.715
21382.33	29313.615	24592.02	23530.745
54198.63	89475.045	71588.42	71309.355
6165.59	6767.305	5234.46	5330.675
69.97	63.8	53.955	49.16
5.205	4.065	3.61	2.825
9.89	12.89	10.24	8.635
518.725	1097.23	889.13	873.25
8250.405	11173.675	8707.255	8969.035
126638.905	177850.14	140109.14	140579.625
48824.38	55144.915	42729.865	45097.035
1033.955	908.085	736.14	775.95

70.245	52.075	42.39	42.945
34.13	25.38	21.315	20.825
207.785	303.365	248.26	228.04
836.885	805.445	687.015	671.21
13197.425	14687.845	12486.945	12206.035
76630.8	100364.05	80975.91	81229.32
4062.955	3849.04	3367.46	3196.84
1054.45	932.89	781.775	815.035
512.49	400.345	327.075	335.73
109.765	80.41	66.36	67.03
470.41	613.01	525.005	544.795
1287.53	1196.305	1071.16	954.24
9022.08	8054.13	6853.385	6320.915
1354.915	1181.93	1215.625	903.63
676.685	534.675	450.555	475.155
1478.895	1017.215	854.025	900.88
1067.915	724.985	582.95	621.94
29.58	32.62	27.405	26.035
68.68	67.725	58.04	56.81
286.62	250.635	217.495	202.24
172.955	136.31	120.935	111.92
88.905	64.215	58.79	58.965
252.355	176.08	150.04	151.375
598.075	384.225	313.315	334.25
8.17	6.595	7.12	6.425
31.785	33.21	28.665	27.15
93.13	106.255	91.04	88.795
61.405	56.175	47.195	46.58
19.185	15.295	17.355	13.055
35.065	23.865	29.625	22.235
62.165	44.775	52.87	37.57
2.44	1.695	2.645	1.5
8.185	7.31	7.025	6.55
32.57	31.18	28.36	24.415
40.805	29.6	29.035	26.27
10.21	6.25	12.06	5.56
23.79	11.695	37.94	10.965
33.495	13.76	55.865	14.31
7.485	7.67	6.17	7.265
3.18	2.48	2.34	1.99
21.915	19.275	18.95	18.655
0.32	0.39	0.235	0.165
56.305	59.5	51.47	43.095
327.995	340.7	282.205	255.07
129.245	126.8	100.31	86.64
16.075	14.825	13.595	11.915

48.67	44.12	38.415	47.24
0.99	1.25	1.105	0.88
71.06	73.23	62.585	55.87
35.41	34.855	33.9	32.215
62.185	57.555	49.11	48.82
50.715	42.185	41.595	34.305
99.525	124.255	105.49	100.255
138.035	151.25	125.555	115.26
152.745	154.345	127.74	117.725
76.88	76.655	65.375	58.47
5.33	3.84	3.51	2.715
1.76	2.07	1.505	1.45
0.94	1.105	0.975	0.54
0.235	0.48	0.04	0.115
0.045	0.06	NA	NA
0.085	0.415	0.215	0.115
0.61	0.885	0.505	0.61
94.415	122.07	97.045	98.095
51.92	46.24	35.585	37.715
1.615	0.865	0.885	0.37
0.275	0.415	0.32	0.245
0.265	0.16	0.06	0.04
0.235	0.165	NA	NA
0.855	0.785	0.31	0.565
417.14	568.025	466.69	413.07
2240.26	3237.81	2617.855	2417.485
363.405	297.625	228.385	218.35
4.31	3.205	3.29	2.275
0.875	0.92	0.495	0.315
0.175	0.255	0.27	NA
6.295	5.19	5.405	6.46
885.745	1121.44	948.27	833.69
12061.36	15543.56	13014.695	11929.15
8094.985	7743.725	6057.72	5592.525
166.68	140	110.665	106.865
23.615	27.345	21.355	20.29
6.465	4	4.12	3.325
5.245	3.975	3.755	2.555
784.69	863.88	758.8	674.12
12780.785	14060.63	11940.575	11108.98
29585.96	30430.89	25108.645	24201.055
1758.195	1524.73	1306.015	1239.63
624.255	824.355	751.1	695.78
307.385	279.615	235.905	217.6
45.19	28.98	25.36	20.185
63.845	56.445	50.79	47.605

265.985	280.755	246.45	223.52
1200.835	1228.745	1066.04	941.735
929.905	1004.785	841.59	810.28
4380.285	5371.455	4721.565	4413.675
3862.105	3796.545	3271.57	3096.59
1120.625	990	811.36	790.2
12.715	15.62	15.37	13.09
68.625	124.425	104.27	100.81
276.955	391.105	341.57	300.71
100.3	111.73	100.71	87.45
197.92	224.705	195.42	169.915
740.735	1002.155	876.63	759.615
1948.45	2390.905	2121.285	1873.015
5	7.525	7.965	6.175
35.19	91.75	82.665	72.485
123.18	204.93	172.75	159.69
55.195	72.865	66.485	56.765
23.005	33.21	34.575	34.49
52.965	69.715	62.81	63.06
51.485	48.605	47.725	40.15
1.02	1.415	1.475	0.765
4.67	7.745	7.595	6.95
21.895	33.46	33.715	31.925
14.045	16.985	14.445	14.88
9.365	14.045	14.12	13.885
24.875	46.865	53.595	48.13
18.06	24.3	31.905	21.33
5.33	3.74	2.21	2.82
35.11	53.4	35.98	38.5
8.9	7.22	5.31	6.05
0.33	0.45	0.17	0.04
1.95	2.01	1.68	0.665
7.8	4.58	4.78	3.515
20.21	22.73	15.14	13.065
0.89	0.3	1	0.405
3.64	1.27	0.06	0.225
0.54	0.78	0.7	0.615
0.42	0.43	0.9	0.305
17.65	14.65	16.57	17.18
0.26	0.4	0.3	0.925
3.68	10.56	12.78	2.34
106.63	142.35	117.53	89.215
102.2	115.27	114.38	98.29
6.09	3.6	4.39	2.97
0.35	0.9	0.64	0.405
0.64	0.87	1.18	0.285

74.74	62.63	42.08	49.91
252.01	235.69	247.33	212.55
35.5	45.61	54.31	31.95
21.69	16.56	18.04	13.87
13.79	13.22	9.01	9.01
52.71	61.78	41.47	28.635
87.61	99.46	86.15	72.815
23.1	18.44	14.48	14.875
8.93	7.23	2.84	4.96
5.84	7.02	5.22	5.74
14.97	18.32	11.83	7.045
7.86	13.72	7.53	5.98
39.82	50.68	33.07	41.865
0.73	3.61	0.49	0.575
0.76	1.04	0.78	0.78
2.88	0.98	0.36	1.24
15	13.28	6.79	7.595
4.74	3.2	4.16	1.99
2.38	3.1	1.18	0.565
2.01	1.2	0.24	0.255
1.02	0.14	1.47	1.055
1.28	2	3.97	3.3
11.03	8.86	6.46	7.42
95.79	84.84	59.91	60.225
22.19	14.37	20.08	10.75
0.08	0.07	0.5	0.17
1.01	1.16	0.2	0.455
0.13	1.07	0.35	1.035
1.68	0.61	0.71	0.94
10000	10000	10000	10000
76.19	130.37	99.06	96.04
308.49	437.31	334.89	358.06
144.04	83.71	95.01	68.14
1.45	0.29	0.19	0.06
NA	0.29	NA	0.13
0.52	0.22	0.08	0.125
0.83	2.42	2.83	2.35
187.32	356.1	301.08	245.2
3056.12	5930.1	4559.04	4178.945
2215.89	3492.47	2772.74	2309.03
26.04	19.8	13.19	11.09
0.74	1.68	0.95	0.1
0.97	0.48	0.28	0.42
9.92	5.05	6.05	10.775
441.58	715.84	676.76	529.78
7976.26	13097.88	11175	9944.06

8967.73	17147.43	13529.13	11628.955
370.77	437.97	322.52	303.2
59.82	55.97	42.58	26.7
10.01	7.16	9.27	8.66
44.66	31.43	38.87	46.31
77.41	104.69	98.1	99.675
394.49	696.18	495.1	517.41
1414.26	2540.06	2090.57	1698.77
1356.6	1647.53	1468.22	1154.82
2350.2	1570.91	1303.8	1140.66
890.24	592.04	499.13	433.765
63.84	58.09	41.18	36.035
147.81	216.09	134.56	164.365
173.26	261.1	183.84	224.73
254.9	421.28	294.53	250.955
209.82	305.05	254.94	208.825
314.55	244.16	224.06	163.69
428.09	317.75	259.73	244.22
310.57	247.8	186.31	184.44
17.19	25.44	7.83	9.28
46.27	66.05	37.08	43.605
161.35	165.25	151.83	122.345
139.56	183.03	110.12	107.47
15.87	14.32	12.93	11.42
5.84	5.64	4.46	4.075
6.91	3.41	1.57	2.05
4.91	5.6	0.77	2.985
3.13	5.53	4.79	5.465
9.79	13.96	11.42	9.65
23.52	28.91	11.63	15.015
24.87	29.07	17.45	14.265
30.93	20.38	10	10.325
10.62	3.13	2.01	2.715
5.5	5.8	5.05	5.515
1.34	1.7	1.18	1.325
NA	NA	NA	NA
0.07	0.08	0.22	0.44
2.87	2.45	2.14	1.98
32.29	40.06	25.26	25.855
114.74	192.68	182.47	142.48
12.36	13.91	12.74	11.985
20.65	14.5	20.23	20.575
NA	NA	NA	NA
24.01	33.52	21.54	20.48
208.37	309.16	206.24	250.65
56.44	74.11	48.57	53.585

4.44	5.19	2.73	3.375
1.7	2.17	1.63	1.215
0.92	2.2	1.59	2.035
17.11	12.87	8.85	8.82
45.47	42.82	27.21	35.26
25.67	32.44	23.92	29.545
4.12	8.86	2.85	5.395
3.26	11.15	7.03	7.37
1.81	5.29	5.05	5.46
4.48	13.42	6.37	10.32
5.6	6.5	2.12	4.105
11.16	16.27	9.5	10.015
1.67	13.07	7.36	8.815
1.68	8.34	4.2	5.23
6.27	12.26	3.61	4.84
0.04	0.04	0.06	NA
0.37	0.3	0.11	0.15
0.37	0.04	0.05	0.055
0.26	0.1	0.17	0.155
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
0.05	0.33	0.07	0.175
17	17.45	15.49	9.3
8.64	15.46	10.23	6.18
0.02	NA	0.03	0.03
NA	NA	NA	NA
NA	NA	NA	NA
0.03	NA	NA	NA
0.16	0.03	0.12	0.07
33000	33000	33000	33000
198.22	159.87	138.32	110.5
363.57	530.73	478.78	419.725
3.62	4.32	3.79	1.71
0.19	0.09	0.02	0.03
0.08	NA	NA	0.02
0.07	NA	NA	0.035
12.12	13	13.32	10.155
468.11	356.49	223.01	233.165
3973.98	4931.77	3861.75	3610.545
583.91	578.81	443.23	412.665
6.56	3.5	5.91	5.625
3.25	4.47	5.08	6.335
0.78	0.22	0.38	0.28
4.43	4.77	7.59	5.02
607.38	609.2	357.97	467.575

10081.77	10623.71	7307.32	8481.945
3408.89	4325.91	2818.36	3248.555
89.61	86.34	51.29	56.03
47.6	61.52	54.75	40.875
8.3	5.95	8.12	5.955
3.08	1.93	1.17	1.5
9.84	19.2	13.32	21.705
189.8	286.82	207.57	180.71
399.09	644.35	424.44	433.935
132.25	152.28	108.97	108.61
204.92	215	180.03	179.665
79.84	98.55	74.31	83.44
12.03	13.59	8.34	5.295
4.64	10.12	5.68	5.94
65.31	145.63	94.69	120.995
203.78	445.18	276.22	306.55
37.2	54.89	31.38	33.235
54.49	75.1	50.73	42.115
166.67	223.36	185.28	186.65
247.98	269.35	200.98	215.105
0.34	2.32	1.45	1.455
9.22	43.11	26.22	32.63
60.6	123.32	79.6	98.97
21.35	37.47	15.14	26.82
2.68	3.52	3.87	2.445
5.07	9.91	6.23	7.99
5.51	6.5	4.69	5.79
NA	0.02	0.17	0.015
0.02	1.77	0.23	0.355
2.23	6.3	2.41	3.81
1.31	3.94	1.44	1.355
0.37	1.3	0.47	0.15
0.54	1.11	0.81	2.145
0.46	2.42	1.85	1.26
4.635	3.72	2.15	2.34
89.185	118.175	63.38	65.605
0.41	0.555	0.25	0.24
128.085	144.855	94.525	86.83
2229.78	3260.08	2140.345	2143.16
8.965	13.71	9.985	8.915
17.01	20.865	11.72	11.125
130.725	112.98	68.47	75.435
6.53	6.7	5.075	3.68
43.995	50.13	24.665	25.8
6.085	3.98	3.45	2.695
0.105	0.06	0.045	0.045

34.775	33.94	20.03	23.485
623.17	840.245	354.615	480.64
422.27	277.74	193.81	206.915
5.985	3.5	2.195	2.465
42.2	52.19	22.29	27.625
1936.885	2254.56	1133.745	1208.345
15584.38	13335.17	8137.085	8071.875
656.33	484.255	285.035	320.35
0.255	0.18	0.12	0.11
6.25	2.77	2.2	2
78.275	19.295	17.38	20.295
22.175	7.06	4.72	4.685