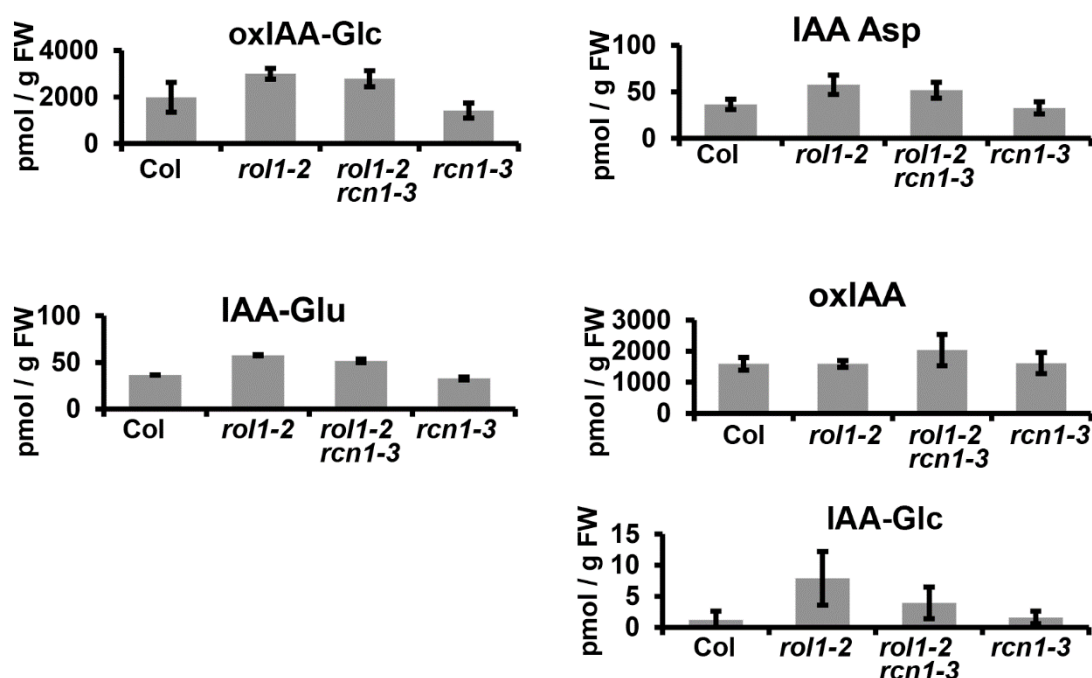


Flavonol-induced changes in PIN2 polarity and auxin transport in the *Arabidopsis thaliana* *rol1-2* mutant require phosphatase activity

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Supplementary Figure S1

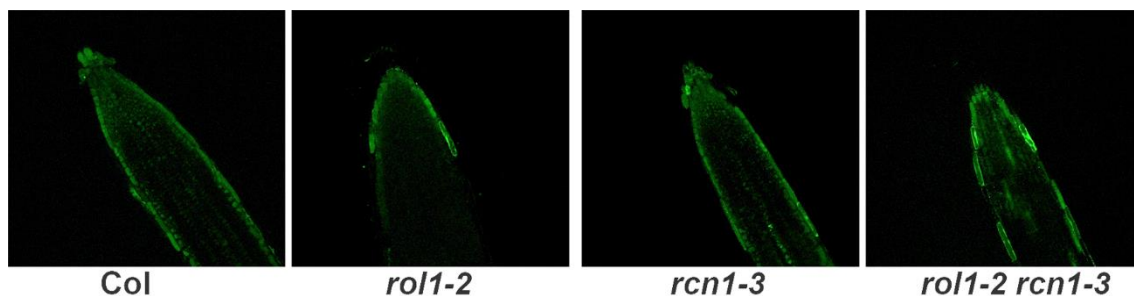


Supplementary Figure S1. IAA metabolites in the different lines. Most of the IAA metabolites are not significantly influenced by *rcn1-3*, i.e. *rcn1-3* and wild type or *rol1-2* and *rol1-2 rcn1-3* are comparable. oxIAA: 2-oxindole-3-acetic acid; oxIAA-Glc: 2-oxindole-3-acetyl-glucose (glucosyl-ester of oxIAA); IAA-Glc: indole-3-acetyl-glucose; IAA-Asp: IAA-Aspartate; IAA-Glu: IAA-Glutamate.

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Supplementary Figure S2



Supplementary Figure S2. Quantification of reactive oxygen species. Pictures of section are shown that were used for quantification of ROS levels in the different lines using CM-H₂DCFDA.