

**Comparative Proteomic Analysis Provides Insights into the Regulatory Mechanisms of
Wheat Primary Root Growth**

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Supplementary Information

Supplementary Table S1 List of reliable detected proteins for quantitative analysis.

Supplementary Table S2 List of differentially expressed proteins (DEPs) in the XY54-J411 comparison.

Supplementary Table S3 List of differentially expressed proteins (DEPs) in the long root mixture-short root mixture (LRM-SRM) comparison.

Supplementary Table S4 Differentially expressed proteins (DEPs) involved in the regulation of primary root growth.

Supplementary Table S5 List of significantly enriched pathways in the up-regulated differentially expressed proteins (DEPs).

Supplementary Table S6 Primers used for real-time PCR.