

SUPPLEMENTAL DATA

Supplemental Figure 1. *In silico*, expression profiling of the *CSLD* family.

Supplemental Figure 2. RT-PCR analysis of the *CSLD* family.

Supplemental Figure 3. Analysis of promoter activity for *CSLD2* and *CSLD3*

Supplemental Figure 4. Generation of *CSLD* knockout lines.

Supplemental Figure 5. Functional Complementation of *csl3-2* with YFP-*CSLD3*

Supplemental Movie 1. Time lapse microscopy of living *csl2-1* root hairs.

Supplemental Movie 2. Time lapse microscopy of living *csl2-1* root hairs.

Supplemental Movie 3. Time lapse microscopy of living *csl2-1* root hairs.

Supplemental Movie 4. Time lapse microscopy of living r *csl3-2* root hairs.

Supplemental Movie 5. Time lapse microscopy of living r *csl3-2* root hairs.