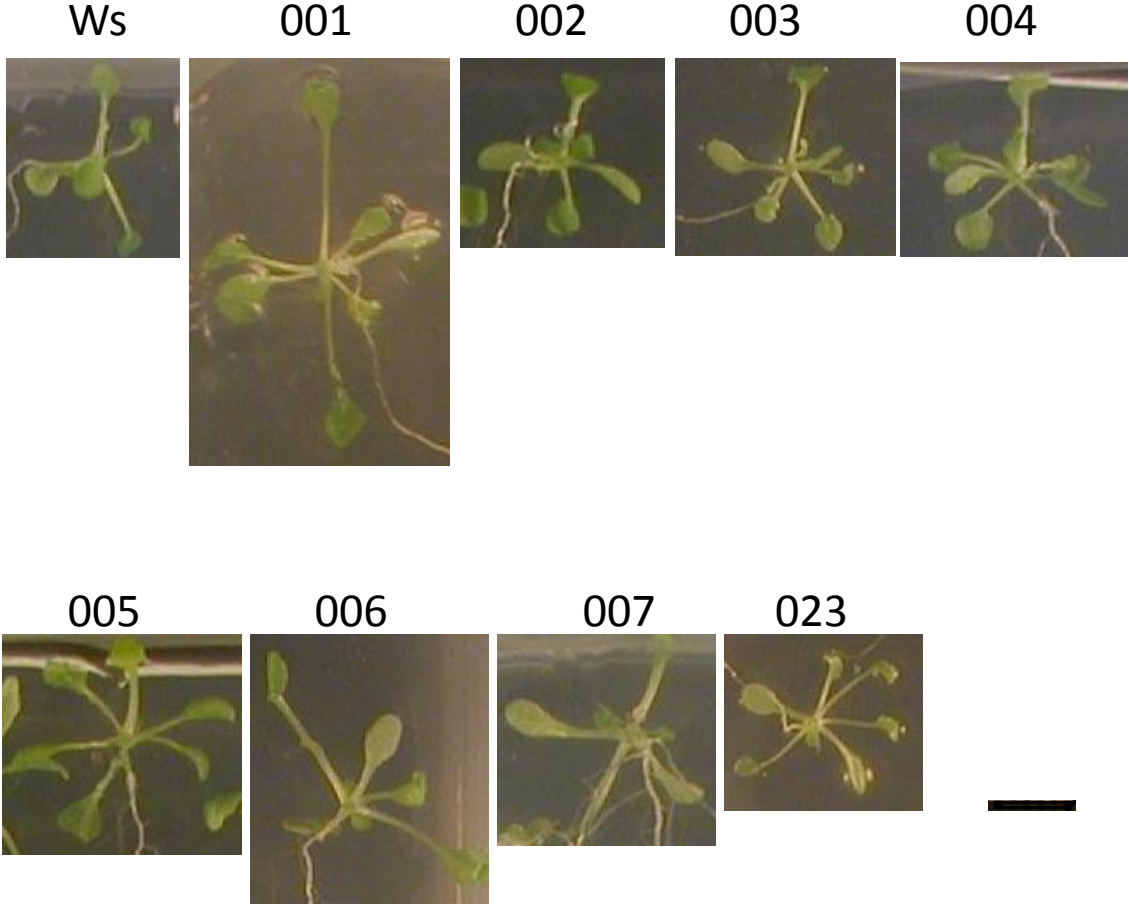


Figure S1. Shoot systems of eight mutants isolated based on increased lateral root formation.  
Bar = 0.5 cM.

Figure S1



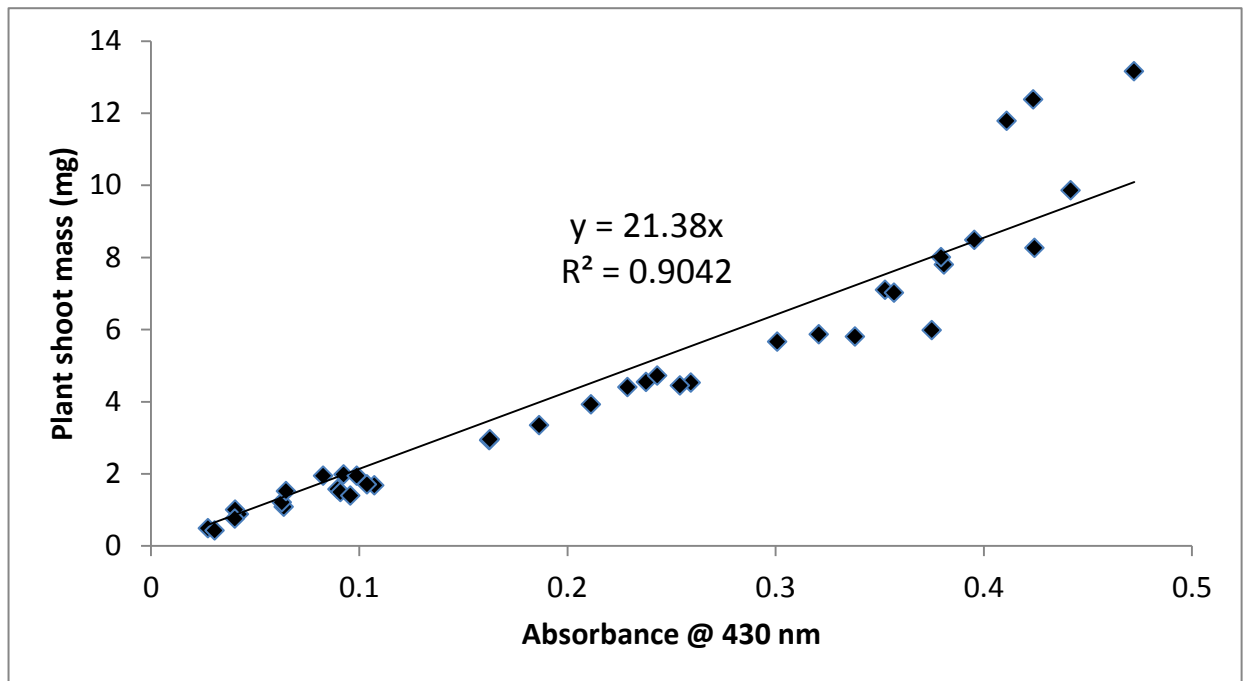
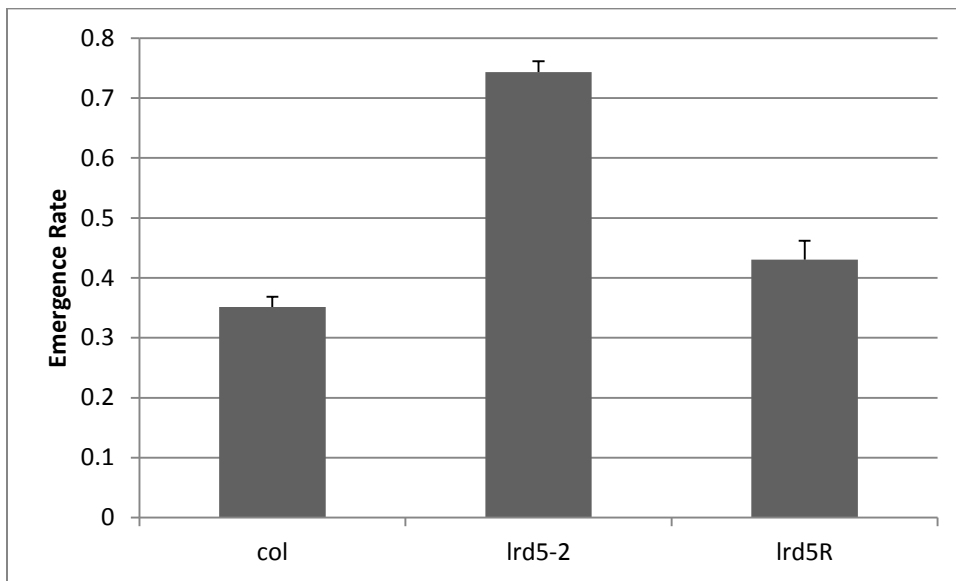
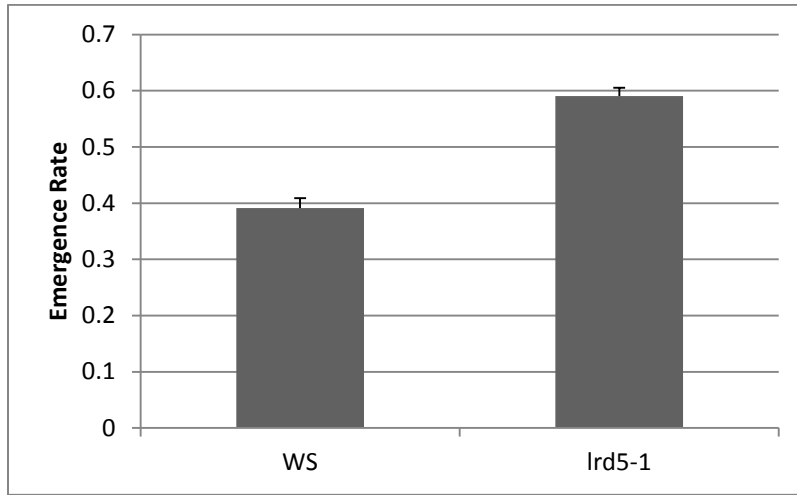


Figure S2. Correlation of plant shoot mass and absorbance of ethanol extracts.

Figure S3 Lateral root emergence in a second *lrd5* allele and after rescue.

A. Lateral root emergence in *lrd5-1*. Emergence is calculated as number of emerged lateral roots per total initiation events. The *lrd5-1* mutant shows increased lateral root emergence under repressive conditions (Students T-test,  $P=0.008$ ). B. Lateral root emergence is rescued by the LRD5:GFP construct described in the text (*lrd5R*), confirming a role for this gene in repression of emergence .



Ws



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