



**Supplementary Fig. S15**

Shoot regeneration of *Arabidopsis clv3* mutant did not show obvious difference from the wild-type control. (a) Shoot regeneration of *Arabidopsis clv3* leaf explant was indistinguishable from that of wild type. (b) Numbers of regenerated shoots per leaf explant did not show significant difference between wild type and *clv3* mutant. Bar = 5 mm. Data are mean  $\pm$  s.d. of three independent biological repeats. NS (No Significance)  $P > 0.05$  are determined by two-tailed Student's t-tests.