

 $Fig. \ S1. \ Representative \ putative \ FREE1-related \ \textit{sof} \ mutants \ with \ altered \ seedling \ phenotype.$

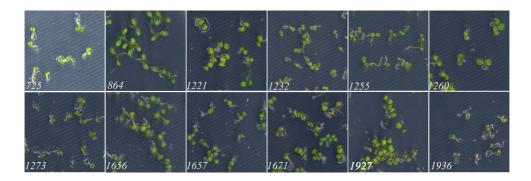
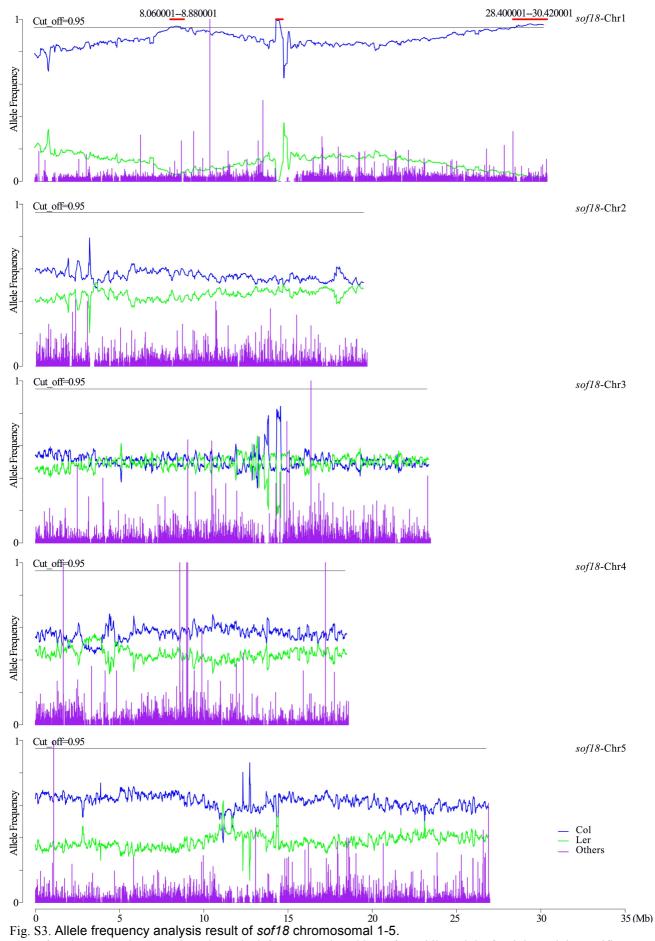


Fig. S2. Representative putative RNAi-related *sof* mutants with altered seedling phenotype.



For *sof18*, the two peaks located on chr1. The left one was shared by *sof30*, while and the far right peak is specific to *sof18* (the peak appeared in the middle region due to centromere).

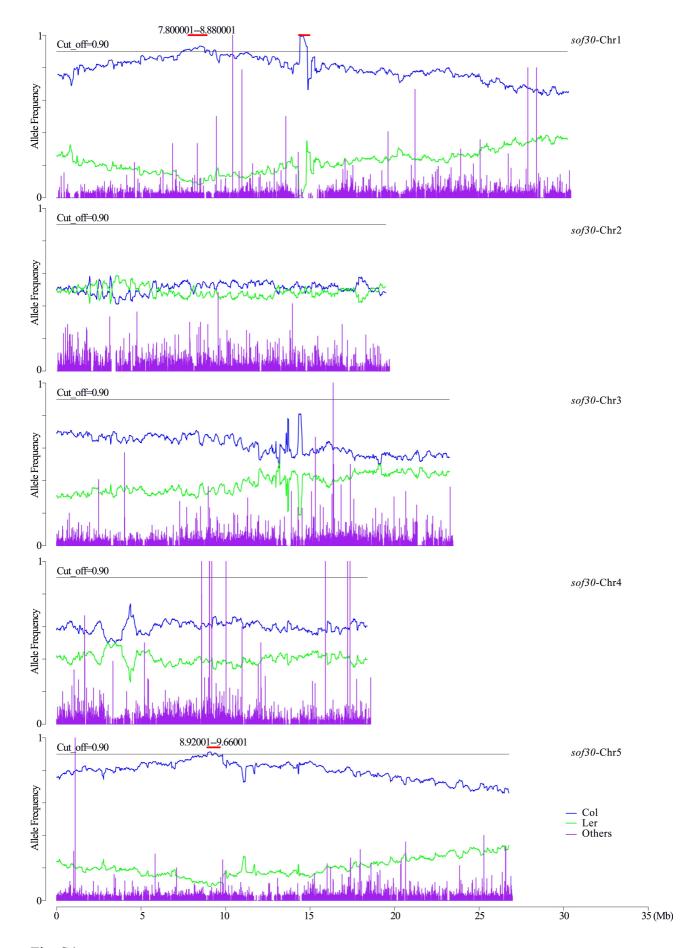


Fig. S4. Allele frequency analysis result of sof30 chromosomal 1-5. For sof30, one peak located on chr1, and shared by sof18. The second peak located on chr5, and is specific to sof30.