



**Supplementary Figure 1.** GUS histochemical activity in seeds from *Arabidopsis* transgenic lines expressing the 1682 bp *AtFAD7* promoter::*GUS* fusión (A), the 2958 bp *AtFAD8* promoter::*GUS* fusión (B) and the empty vector (C). A detail photograph of the extremes of the pod in A is also shown. Bars represent 500 µm size.