



Figure S4 Transcription of putative lncRNA from the upstream sequence of *cly1*. Stages assayed as given in the legend to Fig. 4. Barley *actin* was used as the reference gene. (A) All the primer combinations generated a clear amplicon from genomic DNA template, but the pair SV235-244RT_600U / SV235-244RT_712L was the only one to successfully amplify from cDNA template. (B) A comparison between cDNA template produced using an oligo dT primer and a random primer for lncRNA detection. Stage 2, stamen primordium stage; stage 3, awn primordium stage. ?: no clear amplification, +: clear amplicon, -: no amplicon. Actin: *actin* fragment amplicon from cDNA template produced using an oligo dT primer. (C) Relative abundance of SV235 (light gray bar), KNG (dark gray bar) and SV230 (black bar) message. KNG stage 1 (lemma primordium) was used as the reference sample for quantification. Data shown derived from the mean of at least three biological replicates.