



**Fig. S5** Go ortholog annotation of DEGs during hypocotyl elongation stages. Common up-regulated genes and common down-regulated genes of 3 DAS and 8 DAS were annotated to GO term, respectively. The pink bar plot shows up-regulated genes annotated terms and all the significant p-value terms were listed. The pale turquoise bar plot shows the down-regulated genes annotated terms and 24 significant terms probably associated with hypocotyl elongation were plotted. Full list of significance see the supplementary table. Significance level: p-value < 0.01.