Table 1 Suppl. Primers used for real-time quantitative PCR (F - forward, R - reverse).

Gene ID	Primer sequence (5'-3')
Os05g0277000	AGAGCAACGCCTACCTCAAC (F)
	GTGTAGGTGGTGCCGAAGTT (R)
Os05g0276500	GGCATTGTCCCCGTCAACTA (F)
	CGTCGAGCTGCACAATGAAG (R)
Os09g0457600	AGCAGGAGATCAGCACATTG (F)
	AAGTTGCCCACATCATACCG (R)
Os02g0765400	ACAAGGTCATGCAGGGCTAC (F)
	CTCGATCTCCTCCTTGTGGC (R)
Os01g0357400	CGTTTCCCTCCGACAAGGAT (F)
	GCTTCCATCTCTGGCAGCAT (R)
Os04g0228400	CAGAGCCTGTCGTTCAAGGT (F)
	CTGCTGTGAGGTCGAGAAGG (R)
LOC_Os03g50885	GGAAGTACAGTGTCTGGATTGGAG (F)
	TCTTGGCTTAGCATTCTTGGGT (R)

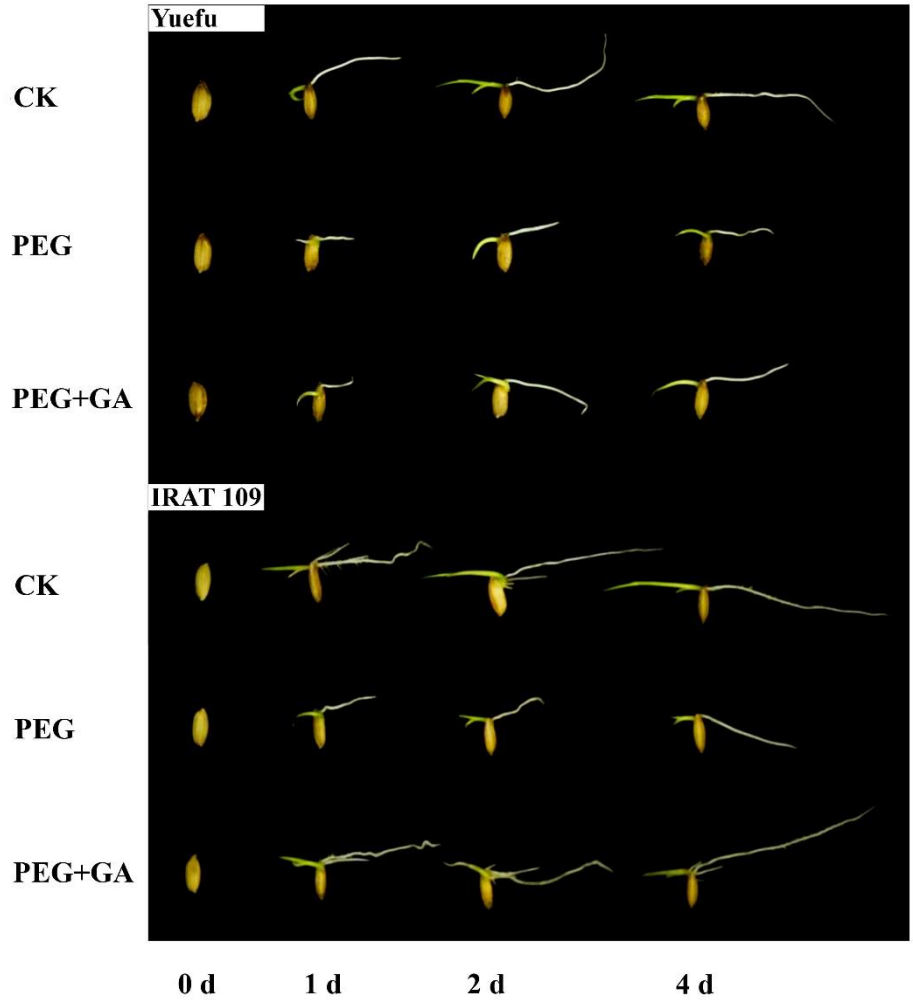

Fig. 1 Suppl. The image germination of seeds of rice cultivars IRAT109 and Yuefu under control conditions (CK; water), 15 % (m/v) polyethylene glycol 6 000 (PEG), and PEG plus 0.1 μM gibberellic acid (PEG+GA) determined at 0, 1, 2, and 4 d of treatment.

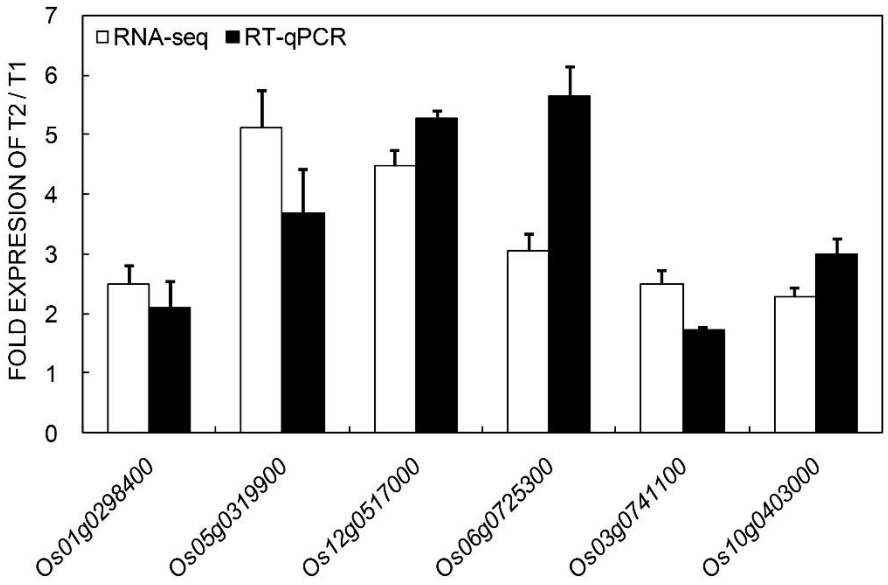

Fig. 2 Suppl. Validation of RNA-seq data by real-time qPCR. The fold changes of gene expression **after treatment with ?? for ?? d** in comparison with control. T1 indicates cv. Yuefu and T2 indicates cv. IRAT109.

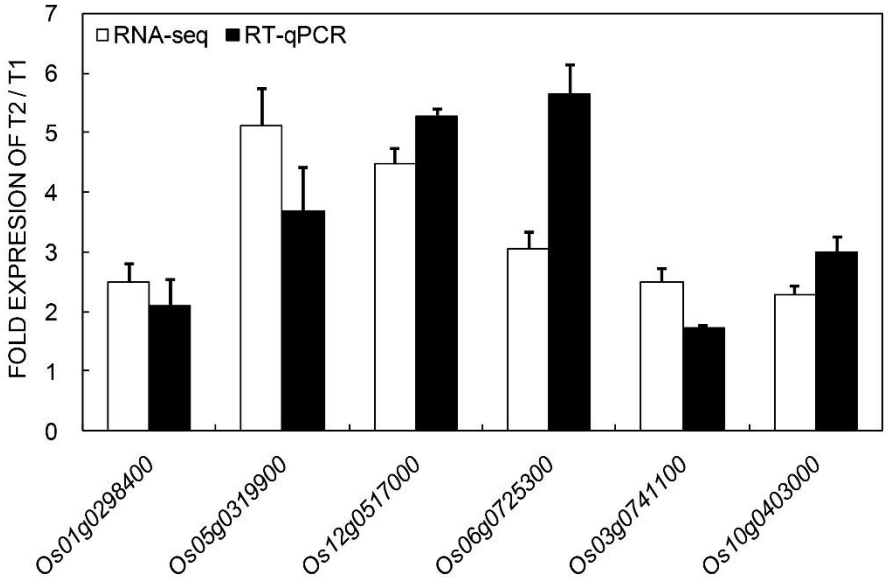

Fig. 3 Suppl. Gene ontology (GO) annotation clusters of differentially expressed genes in germinating seeds of upland rice cultivar IRAT109 (T2) and lowland rice cultivar Yuefu (T1) under 1 d of PEG stress.