

Table S7. List of DEGs related stress tolerance in OXR plants compared with WT under drought condition.

Gene ID	log ₂ (RPKM _{OXR} /RPKM _{WT})			Description
	0h	6h	24h	
HSP (heat shock protein)				
Os01t0135900-02	-0.26	1.15	0.36	LMW heat shock protein.
Os01t0184100-01	1.08	2.14	-0.46	Similar to 17.5 kDa class II heat shock protein.
Os06t0650900-02	0.99	-1.25	0.17	Heat shock protein DnaJ family protein.
Os06t0716700-01	-2.92	2.69	0.68	Similar to Heat shock protein 90.
Os07t0517100-03	0.20	1.49	-0.27	Similar to 18.8 kDa class V heat shock protein.
Os11t0216100-01	-0.09	-1.00	-0.89	Similar to Heat shock protein binding protein.
LEA (late embryogenesis abundant)				
Os01t0314800-01	-0.61	-1.21	0.62	Late embryogenesis abundant protein 3 family protein.
Os05t0542500-02	0.21	3.36	2.41	LEA-like protein.
Chaperone protein				
Os08t0452900-01	0.09	1.26	0.12	Similar to Chaperone protein dnaJ.
Os12t0277500-01	-0.65	0.39	1.00	60 kDa chaperonin alpha subunit
Metallothionein				
Os01t0974200-01	-0.49	-1.19	-1.13	RicMT (Metallothionein-like protein).
Os05t0202800-00	0.39	-4.34	NA	Similar to Metallothionein-like protein 3B.