

Table S8 List of DEGs related stress tolerance in OXR plants compared with WT under salt condition.

Gene ID	log ₂ (RPKM _{MoxR} /RPKM _{WT})			Description
	0h	1h	6h	
HSP (heat shock protein)				
Os01t0135900-02	-0.36	0.32	1.14	LMW heat shock protein.
Os03t0266300-01	-0.48	1.08	-0.43	Class I low-molecular-weight heat shock protein 17.9.
Os03t0266900-02	-0.63	1.24	-0.13	Low molecular mass heat shock protein Oshsp17.3.
Os05t0579900-02	0.03	-1.36	0.42	Heat shock protein DnaJ.
Os06t0253100-01	-0.86	2.57	-0.65	Heat shock protein Hsp20 domain containing protein.
Os06t0716700-01	-0.57	3.6	2.08	Similar to Heat shock protein 90.
Os08t0500700-01	-0.71	1.03	-0.12	Similar to Heat shock protein 82.
LEA (late embryogenesis abundant)				
Os01t0314800-01	-0.99	-1.44	-0.42	Late embryogenesis abundant protein 3 family protein.
Os01t0705200-01	NA	-2.09	-0.37	Late embryogenesis abundant protein repeat containing protein.
Os03t0322900-00	-1.6	-2.14	-0.32	Late embryogenesis abundant protein repeat containing protein.
Os08t0327700-01	NA	-2.09	-0.8	Late embryogenesis abundant (LEA) group 1 family protein.
Os05t0542500-02	2.02	-0.65	-0.23	LEA-like protein.
Chaperone protein				
Os08t0405700-01	0.66	-1.12	-0.43	Similar to Copper chaperone homolog CCH.
Metallothionein				
Os12t0570700-01	0.49	1.46	0.29	Similar to Metallothionein-like protein type 1.
PIP (plasma membrane intrinsic protein)				
Os02t0629200-02	-0.46	-1.12	-0.49	Similar to HvPIP2;1 protein.