Table S7. List of expression values of MAPK cascade-related genes and key genes of ABA biosynthesis in maize under salt stress.

Values in red and blue indicate the fold increase and decrease in expression in the salt-stressed tissue, respectively.

Name	CR	Name	PR	Nane	SR
ZmMPK3	0.822793	ZmMPK10	0.647817	ZmMPK3	0.708986
ZmMPK12	0.357354	ZmMPK19	0.561517	ZmMPK12	0.470683
ZmMPK6	0.194932	ZmMPK12	0.429276	ZmMPK19	0.457447
ZmMPK10	0.1521	ZmMPK14	0.168414	ZmMPK10	0.235054
ZmMPK19	0.045185	ZmMPK6	0.121254	ZmMPK14	0.206726
ZmMPK5	0.019545	ZmMPK5	0.063902	ZmMPK5	0.140035
ZmMPK14	-0.646976	ZmMPK3	-0.12557	ZmMPK6	0.116234
ZmMPK15	-0.043352	ZmMPK15	-0.00074	ZmMPK15	0.058608
ZmMKK3	0.295163	ZmMKK6	0.073743	ZmMKK3	0.309055
ZmMKK2	0.23363	ZmMKK3	0.072793	ZmMEK1	0.203611
ZmMEK1	0.061768	ZmMKK2	-0.49017	ZmMKK6	-0.35159
ZmMKK4	-0.100245	ZmMKK4	-0.22838	ZmMKK4	-0.29101
ZmMKK6	-0.068771	ZmMEK1	-0.06204	ZmMKK2	-0.23234
ZmRaf46	1.723257	ZmRaf7	0.665914	ZmRaf46	0.708986
ZmRaf49	0.522887	ZmRaf9	0.61962	ZmRaf38	0.688227
ZmRaf17	0.489666	ZmMAPKKK23	0.563037	ZmRaf22	0.615876
ZmZIK1	0.481284	ZmRaf17	0.45472	ZmMAPKKK20	0.509677
ZmRaf13	0.412917	ZmMAPKKK15	0.356586	ZmRaf14	0.468325
ZmMAPKKK24	0.357299	ZmRaf44	0.351311	ZmRaf17	0.364337
ZmRaf29	0.251636	ZmRaf26	0.304118	ZmRaf49	0.359836
ZmRaf42	0.225757	ZmZIK1	0.289472	ZmRaf2	0.317156
ZmRaf2	0.222063	ZmRaf21	0.256853	ZmZIK9	0.309055
ZmRaf6	0.21511	ZmRaf38	0.2022	ZmRaf45	0.270865
ZmRaf38	0.206936	ZmRaf45	0.196267	ZmRaf34	0.270848
ZmZIK8	0.156216	ZmRaf4	0.184819	ZmRaf48	0.250996
ZmRaf40	0.149522	ZmMAPKKK24	0.184298	ZmRaf20	0.235054
ZmRaf45	0.147065	ZmRaf39	0.180887	ZmRaf40	0.204681
ZmZIK9	0.144721	ZmZIK4	0.180555	ZmMAPKKK24	0.187526
ZmRaf39	0.144457	ZmMAPKKK22	0.16116	ZmRaf6	0.182238
ZmMAPKKK22	0.13976	ZmRaf47	0.149353	ZmZIK8	0.139748
ZmRaf4	0.089579	ZmZIK8	0.138994	ZmMAPKKK6	0.13803
ZmMAPKKK18	0.076894	ZmRaf6	0.137945	ZmZIK2	0.117451
ZmRaf21	0.045185	ZmZIK2	0.135086	ZmRaf21	0.10381
ZmMAPKKK8	-1.443101	ZmRaf40	0.128827	ZmRaf13	0.057993
ZmMAPKKK17	-0.902347	ZmRaf13	0.117398	ZmMAPKKK22	0.056682
ZmMAPKKK6	-0.774243	ZmRaf33	0.116382	ZmMAPKKK18	0.04417

ZmRaf9	-0.420478	ZmRaf19	0.113501	ZmZIK5	0.029736
ZmRaf44	-0.417989	ZmRaf29	0.111473	ZmMAPKKK17	0.028604
ZmRaf22	-0.350744	ZmRaf20	0.10382	ZmRaf27	0.028604
ZmMAPKKK13	-0.333327	ZmZIK9	0.09909	ZmRaf39	0.023301
ZmRaf18	-0.324572	ZmRaf31	0.081921	ZmRaf30	0.020168
ZmRaf30	-0.269089	ZmRaf1	0.03149	ZmRaf44	0.009014
ZmRaf1	-0.266017	ZmRaf14	0.028571	ZmRaf33	0.003729
ZmMAPKKK20	-0.234923	ZmRaf48	0.027705	ZmMAPKKK13	-
ZmRaf7	-0.232349	ZmMAPKKK6	-	ZmMAPKKK8	-0.53048
ZmZIK2	-0.222437	ZmMAPKKK8	-	ZmMAPKKK23	-0.44302
ZmRaf48	-0.15198	ZmMAPKKK13	-	ZmZIK4	-0.41591
ZmMAPKKK16	-0.150539	ZmRaf46	-	ZmRaf4	-0.39835
ZmZIK6	-0.14746	ZmRaf22	-0.93292	ZmRaf42	-0.37688
ZmZIK4	-0.145863	ZmZIK6	-0.54388	ZmMAPKKK26	-0.32475
ZmRaf14	-0.110733	ZmMAPKKK17	-0.47349	ZmRaf47	-0.27901
ZmMAPKKK15	-0.110093	ZmRaf36	-0.43696	ZmRaf18	-0.27591
ZmRaf31	-0.107585	ZmRaf18	-0.42769	ZmRaf1	-0.2752
ZmRaf20	-0.106818	ZmMAPKKK20	-0.38038	ZmRaf7	-0.26502
ZmRaf47	-0.099313	ZmRaf30	-0.20554	ZmMAPKKK16	-0.2111
ZmZIK5	-0.093262	ZmMAPKKK18	-0.20388	ZmRaf26	-0.1979
ZmRaf19	-0.086059	ZmRaf27	-0.17056	ZmRaf9	-0.16548
ZmMAPKKK26	-0.053923	ZmRaf49	-0.14272	ZmRaf19	-0.1349
ZmRaf34	-0.049244	ZmMAPKKK16	-0.13752	ZmRaf29	-0.12752
ZmRaf33	-0.027419	ZmMAPKKK26	-0.08037	ZmMAPKKK15	-0.11544
ZmRaf26	-0.025204	ZmRaf2	-0.06872	ZmZIK1	-0.02798
ZmMAPKKK23	-0.021929	ZmRaf42	-0.05845	ZmZIK6	-0.02798
ZmRaf36	-0.016215	ZmRaf34	-0.03906	ZmRaf36	-0.02798
ZmRaf27	-0.008586	ZmZIK5	-0.00084	ZmRaf31	-0.02798
ZmMAP4K5	0.765077	ZmMAP4K2	0.349206	ZmMAP4K6	0.637601
ZmMAP4K2	0.091728	ZmMAP4K1	0.063227	ZmMAP4K2	0.486593
ZmMIK	-0.112356	ZmMAP4K5	-0.13862	ZmMAP4K1	0.198905
ZmMAP4K3	-0.026965	ZmMIK	-0.12884	ZmMIK	0.0739
ZmMAP4K1	-0.009263	ZmMAP4K3	-0.02808	ZmMAP4K3	0.035214
ZmMAP4K6	-0.007282	ZmMAP4K6	-0.02283	ZmMAP4K5	-0.66025
VP14	2.17522	VP14	-	VP14	3.252038
ZmAO2	0.827522	ZmAO2	0.398593	ZmAO2	1.070303
ZmAO1	0.158123	ZmAO1	0.2668	ZmAO1	0.285491