

Appendix J Information of Transcriptome Data in Article

Name	Provider	Scientific Name	Variety	Age	Stress	Tissue
Salt_Root_of_Seeding_0	SRR6367521	Triticum aestivum	Kharchia Local	Seedling	salt	root
Salt_Leaf_of_Seeding_0	SRR6367520	Triticum aestivum	Kharchia Local	Seedling	salt	leaf
CK_Root_of_Seeding_0	SRR6367519	Triticum aestivum	Kharchia Local	Seedling	none	root
CK_Leaf_of_Seeding_0	SRR6367518	Triticum aestivum	Kharchia Local	Seedling	none	leaf
CK_Leaf_0	SRR5747853	Triticum aestivum	CB037	10-day-old	none	leaf
CK_Leaf_2	SRR5747854	Triticum aestivum	CB037	10-day-old	none	leaf
CK_Leaf_1	SRR5747845	Triticum aestivum	CB037	10-day-old	none	leaf
Drought_Leaf_2h_1	SRR5747848	Triticum aestivum	CB037	10-day-old	Drought_2h	leaf
Drought_Leaf_2h_0	SRR5747843	Triticum aestivum	CB037	10-day-old	Drought_2h	leaf
Drought_Leaf_2h_2	SRR5747846	Triticum aestivum	CB037	10-day-old	Drought_2h	leaf
Drought_Leaf_7h_1	SRR5747859	Triticum aestivum	CB037	10-day-old	Drought_7h	leaf
Drought_Leaf_7h_0	SRR5747857	Triticum aestivum	CB037	10-day-old	Drought_7h	leaf
Drought_Leaf_7h_2	SRR5747847	Triticum aestivum	CB037	10-day-old	Drought_7h	leaf
CK_Ear_of_GrainFormation_0	SRR5383964	Triticum aestivum	Luyuan502	Grain formation	none	ear
CK_Ear_of_GrainFormation_1	SRR5383963	Triticum aestivum	Luyuan502	Grain formation	none	ear
CK_Ear_of_GrainFormation_2	SRR5383962	Triticum aestivum	Luyuan502	Grain formation	none	ear
Drough_Ear_of_GrainFormation_0	SRR5383961	Triticum aestivum	Luyuan502	Grain formation	Drought	ear
Drough_Ear_of_GrainFormation_1	SRR5383960	Triticum aestivum	Luyuan502	Grain formation	Drought	ear
Drough_Ear_of_GrainFormation_2	SRR5383959	Triticum aestivum	Luyuan502	Grain formation	Drought	ear
CK_Ear_of_Flowering_0	SRR5383957	Triticum aestivum	Luyuan502	Flowering stage	none	ear
CK_Ear_of_Flowering_2	SRR5383955	Triticum aestivum	Luyuan502	Flowering stage	none	ear
CK_Ear_of_Flowering_1	SRR5383954	Triticum aestivum	Luyuan502	Flowering stage	none	ear
Drough_Ear_of_Flowering_0	SRR5383952	Triticum aestivum	Luyuan502	Flowering stage	Drought	ear
Drough_Ear_of_Flowering_1	SRR5383950	Triticum aestivum	Luyuan502	Flowering stage	Drought	ear
Drough_Ear_of_Flowering_2	SRR5383948	Triticum aestivum	Luyuan502	Flowering stage	Drought	ear
Drough_Leaf_of_Booting_0	SRR5383947	Triticum aestivum	Luyuan502	Booting stage	Drought	leaf
Drough_Leaf_of_Booting_1	SRR5383945	Triticum aestivum	Luyuan502	Booting stage	Drought	leaf
Drough_Leaf_of_Booting_2	SRR5383944	Triticum aestivum	Luyuan502	Booting stage	Drought	leaf
Drough_Leaf_of_AntherDdifferentiation_0	SRR5383935	Triticum aestivum	Luyuan502	Anther differentiation	Drought	leaf

Drough_Leaf_of_AntherDdifferentiation_2	SRR5383934	Triticum aestivum	Luyuan502	Anther differentiation	Drought	leaf
Drough_Leaf_of_AntherDdifferentiation_1	SRR5383933	Triticum aestivum	Luyuan502	Anther differentiation	Drought	leaf
NaHS_PEG_Leaf_24h_0	SRR5317873	Triticum aestivum	Luohan NO.6	two weeks	24 h of NaHS&PEG6000	leaf
NaHS_PEG_Leaf_24h_1	SRR5317872	Triticum aestivum	Luohan NO.6	two weeks	24 h of NaHS&PEG6000	leaf
PEG_Leaf_24h_0	SRR5317871	Triticum aestivum	Luohan NO.6	two weeks	PEG6000 treatment for 24 h	leaf
PEG_Leaf_24h_1	SRR5317870	Triticum aestivum	Luohan NO.6	two weeks	PEG6000 treatment for 24 h	leaf
NaHS_Leaf_24h_0	SRR5317869	Triticum aestivum	Luohan NO.6	two weeks	NaHS	leaf
NaHS_Leaf_24h_1	SRR5317868	Triticum aestivum	Luohan NO.6	two weeks	NaHS	leaf
CK_Leaf_24h_0	SRR5317867	Triticum aestivum	Luohan NO.6	two weeks	none	leaf
CK_Leaf_24h_1	SRR5317866	Triticum aestivum	Luohan NO.6	two weeks	none	leaf
CK_Leaf_0	SRR4067818	Triticum aestivum	Kharchia Local	Anthesis	none	Leaf
CK_Root_0	SRR4085446	Triticum aestivum	Kharchia Local	Anthesis	none	Leaf
Salt_Leaf_0	SRR4085101	Triticum aestivum	Kharchia Local	Anthesis	salt	Leaf
Salt_Root_0	SRR4086039	Triticum aestivum	Kharchia Local	Anthesis	salt	root
Na_48h_QM6_0	SRR2306560	Triticum aestivum	QM-6	1 week	48 hour of salt stress	leaf
CK_48h_QM6_0	SRR2306559	Triticum aestivum	QM-6	1 week	48 hour of ck	leaf
Na_24h_QM6_0	SRR2306558	Triticum aestivum	QM-6	1 week	24 hour of salt stress	leaf
Na_12h_QM6_0	SRR2306557	Triticum aestivum	QM-6	1 week	12 hour of salt stress	leaf
CK_24h_QM6_0	SRR2306556	Triticum aestivum	QM-6	1 week	24 hour of ck	leaf
CK_12h_QM6_0	SRR2306555	Triticum aestivum	QM-6	1 week	12 hour of ck	leaf
Na_6h_QM6_0	SRR2306554	Triticum aestivum	QM-6	1 week	6 hour of salt stress	leaf
CK_6h_QM6_0	SRR2306553	Triticum aestivum	QM-6	1 week	6 hour of ck	leaf
Na_48h_ChineseSpring_0	SRR2306552	Triticum aestivum	ChineseSpring	1 week	48 hour of salt stress	leaf
CK_48h_ChineseSpring_0	SRR2306551	Triticum aestivum	ChineseSpring	1 week	48 hour of ck	leaf
Na_24h_ChineseSpring_0	SRR2306550	Triticum aestivum	ChineseSpring	1 week	24 hour of salt stress	leaf
Na_12h_ChineseSpring_0	SRR2306549	Triticum aestivum	ChineseSpring	1 week	12 hour of salt stress	leaf
CK_24h_ChineseSpring_0	SRR2306548	Triticum aestivum	ChineseSpring	1 week	24 hour of ck	leaf
CK_12h_ChineseSpring_0	SRR2306547	Triticum aestivum	ChineseSpring	1 week	12 hour of ck	leaf
Na_6h_ChineseSpring_0	SRR2306546	Triticum aestivum	ChineseSpring	1 week	6 hour of salt stress	leaf
CK_6h_ChineseSpring_0	SRR2306545	Triticum aestivum	ChineseSpring	1 week	6 hour of ck	leaf
Heat_at_GrainFilling_HD29_0	SRR1731532	Triticum aestivum	HD29	GrainFilling	Heat	leaf

Heat_at_GrainFilling_HD29_1	SRR1731531	Triticum aestivum	HD29	GrainFilling	Heat	leaf
CK_at_GrainFilling_HD29_0	SRR1728120	Triticum aestivum	HD29	GrainFilling	none	leaf
CK_at_GrainFilling_HD29_1	SRR1728119	Triticum aestivum	HD29	GrainFilling	none	leaf
Heat_at_GrainFilling_HD85_1	SRR1722393	Triticum aestivum	HD85	GrainFilling	Heat	leaf
Heat_at_GrainFilling_HD85_0	SRR1722390	Triticum aestivum	HD85	GrainFilling	Heat	leaf
CK_at_GrainFilling_HD85_0	SRR1714932	Triticum aestivum	HD85	GrainFilling	none	leaf
CK_at_GrainFilling_HD85_1	SRR1714874	Triticum aestivum	HD85	GrainFilling	none	leaf
Heat_Drought_6h_1	SRR1542417	Triticum aestivum	TAM107	1 week	6 hour of drought&heat	leaf
Heat_Drought_6h_0	SRR1542416	Triticum aestivum	TAM107	1 week	6 hour of drought&heat	leaf
Heat_Drought_1h_0	SRR1542415	Triticum aestivum	TAM107	1 week	1 hour of drought&heat	leaf
Heat_Drought_1h_1	SRR1542414	Triticum aestivum	TAM107	1 week	1 hour of drought&heat	leaf
Heat_6h_0	SRR1542413	Triticum aestivum	TAM107	1 week	6 hour of heat stress	leaf
Heat_6h_1	SRR1542412	Triticum aestivum	TAM107	1 week	6 hour of heat stress	leaf
Heat_1h_0	SRR1542411	Triticum aestivum	TAM107	1 week	1 hour of heat stress	leaf
Heat_1h_1	SRR1542410	Triticum aestivum	TAM107	1 week	1 hour of heat stress	leaf
Drought_6h_0	SRR1542409	Triticum aestivum	TAM107	1 week	6 hour of drought stress	leaf
Drought_6h_1	SRR1542408	Triticum aestivum	TAM107	1 week	6 hour of drought stress	leaf
Drought_1h_1	SRR1542407	Triticum aestivum	TAM107	1 week	1 hour of drought stress	leaf
Drought_1h_0	SRR1542406	Triticum aestivum	TAM107	1 week	1 hour of drought stress	leaf
CK1_0	SRR1542405	Triticum aestivum	TAM107	1 week	none	leaf
CK1_1	SRR1542404	Triticum aestivum	TAM107	1 week	none	leaf