

**Supplemental Table S6. The drought responsive *AtWRKYs* in *Arabidopsis* and their putative orthologous *TaWRKYs* in wheat.**

Arabidopsis		Wheat		
Transcript ID	Number	Transcript ID	Proposed name	Number of amino acids (aa)
AT2G38470.1	AtWRKY33	Traes_1AS_F3EAEC435.1	TaWRKY1	440
		Traes_1BS_EF67E5A24.1	TaWRKY8	458
		Traes_1DS_A6733B734.1	TaWRKY120	464
		Traes_3B_990298FF5.1	TaWRKY133	559
AT1G69310.1	AtWRKY57	Traes_2AL_1B43EA59E.1	TaWRKY20	228
		Traes_2BL_A69F6C5DF.1	TaWRKY31	285
		Traes_5BL_C1D6B6B74.2	TaWRKY90	310
		Traes_5DL_7E2053226.2	TaWRKY97	208
		Traes_2DL_04535D371.1	TaWRKY123	285
		Traes_5AL_06A6F9328.2	TaWRKY149	193
AT1G66600.1	AtWRKY63	Traes_7DL_A9EF00572.1	TaWRKY112	226
		Traes_2DL_362A1F535.1	TaWRKY122	70
		Traes_4AS_0DA136E0E.1	TaWRKY142	135
		Traes_7BL_53AA25AA1.1	TaWRKY169	55