

Table S4. Combined analysis of variance with means squares and broad sense heritability (H^2) of 123 drought stressed synthetic hexaploid wheat grown in two seasons (2016 and 2017) in Konya, Turkey.

Source	DF	Grain yield	Harvest index	Biomass weight	Thousand kernel weight	Grain volume weight	Awn length	Flag leaf length	Flag leaf width	Flag leaf area	Stem diameter	Root length
Year (YR)	1	9982	0.0073	229461	411***	84.3***	0.3	399***	0.0005	264***	0.04	263427***
Replication(R)	1	94696***	0.0101*	467260**	1	0	1.5	5	0.1486**	33**	0.06	7914
iblock(R*YR)	54	5181**	0.0018*	43534***	3	2.2	0.5	2	0.0147	4	0.11	3177
Check	1	100	0.0001	2190	12	4.4	2.9*	1	0.3397***	52**	0.33	15824
Genotype(G)	122	5967*	0.0038*	27184*	27***	18.6**	5.8***	8*	0.0276***	14*	0.2***	9790*
G X YR	123	4376*	0.0027***	20126*	8***	10.9***	1.4***	7.7**	0.0152	12**	0.11	8510*
Residual	87	2869	0.0011	13372	4	2.6	0.6	4	0.0161	6	0.08	6072
H^2		0.40	0.62	0.56	0.74	0.75	0.81	0.49	0.56	0.50	0.62	0.27

*, **, and *** Significant at the 0.05, 0.01, and 0.001 probability level, respectively.