

Table S1. Up-regulated phosphopeptides contain [-(K/R)-x-x-(pS/pT)-] motif

R**S**	Accession Number	Homolog in <i>Arabidopsis thaliana</i>	description	
EGVPKDYTEEAVNVK	BnaC05g31880D	AT3G20210	ASPARAGINYL ENDOPEPTIDASE 4	
CSDERKQTEEITLAS	BnaC03g48480D	AT2G19110.1	ARABIDOPSIS HEAVY METAL ATPASE 4	
LASARSATLDEDVAS	BnaA01g17490D/Bna C01g21820D	AT4G16340.1	guanyl-nucleotide exchange factors	
GVAARSLSEISELDA	BnaC01g27170D/Bna A01g35770D	AT1G56230.1	unknown function	
PHLSRSSSSASYDGM	BnaC06g20100D	AT1G79090.1	ARABIDOPSIS HOMOLOG OF YEAST PAT1	
PRLSRSSSSASYDGM	BnaA01g21570D	AT1G79090.1	ARABIDOPSIS HOMOLOG OF YEAST PAT1	
TNKQRSVSPSPQMAL	BnaA03g09730D/Bna C02g10410D/ BnaA02g07360D/Bna A02g07350D	AT5G58950.1	WIND-RELATED KINASE 1	
XMISRSYTNLLDLAS	BnaC08g01800D/Bna A10g04170D/ BnaC05g04390D/Bna A08g28610D	AT1G06410.1	TREHALOSE -6-PHOSPHATASE SYNTHASE S7	
LSEERTFTICGNADY	BnaC07g00870D/Bna A07g00650D	AT2G20050.1	protein	serine/threonine phosphatases
SAVTRTQSFVPSQLS	BnaA01g06250D	AT4G30890.1	ASPARAGINYL ENDOPEPTIDASE 4	
ARVNKPQSPSSGGTT	BnaAnng00580D	AT5G03040.1	ARABIDOPSIS HEAVY METAL ATPASE 4	
XMVSRSYSNLELAS	BnaC06g26160D/Bna A07g24830D	AT1G68020.2	guanyl-nucleotide exchange factors	
YQLPKSNSGLNLDQH	BnaA07g10770D/BnL EC1			