

Table 1 Details information of proteins interacting with StMAPKK1

Clone	Gene ID	PGSC ID	Annotation of gene name	Full length of gene (bp)	Protein length (aa)	Chromosomal location
C1	102586320	PGSC0003DMG400030891	Hydrolase, hydrolyzing O-glycosyl compounds	4178	864	chr07:4096440..4101254
C2	102591415	PGSC0003DMG400011326	RING-H2 subgroup RHE protein	921	306	chr01:57283292..57284878
C3	102578903	PGSC0003DMG400017160	Cyanate hydratase	3550	162	chr09:56757059..56761063
C4	102593804	PGSC0003DMG400007759	ARF GTPase activator	2253	164	chr00:33717961..33720534
C5	102585714	PGSC0003DMG400023218	C2 domain-containing protein	3074	167	chr00:22575898..22579255