

Extended Data Table 3. IP-MS analysis of *p35S::TMKI-GFP*.

Overview of the putative TMK1 interactors after MaxQuant and Perseus statistical analysis. The list is sorted based on the ratio of *35S::TMKI-GFP* vs WT control. Proteins passing the threshold of FDR 0.05 and specific fold change are included in the table. P-values are calculated based on the three replicates using a two-sided t-test. Yellow highlight indicates bait, green indicates GFP and orange indicates selected proteins.

Average V	Average TM	Ratio	P-value	Fasta.headers
4.68	7.67	963.19	9.27E-05	Symbols: TMK1 transmembrane kinase 1 chr1:24631503-24634415 FORWARD LENG
5.59	6.98	24.32	2.77E-01	Symbols: Protein prenyltransferase superfamily protein chr5:5679995-5685597 FORW
4.51	5.85	21.80	3.99E-03	Symbols: PGP10 P-glycoprotein 10 chr1:3538470-3543782 REVERSE LENGTH=1227
4.64	5.81	14.75	3.25E-02	Symbols: PIP2F, PIP2;4 plasma membrane intrinsic protein 2;4 chr5:24375673-2437693
6.01	7.11	12.53	3.11E-05	Symbols: AHA1, PMA, OST2, HA1 H(+)-ATPase 1 chr2:8221858-8227268 FORWARD
5.06	6.10	10.99	1.34E-01	ALDOA_RABIT Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase)
5.84	6.87	10.73	1.74E-03	Symbols: TMP-C, PIP1;4, PIP1E plasma membrane intrinsic protein 1;4 chr4:186569-18
5.38	6.21	6.75	4.73E-02	Symbols: PIP2B, PIP2;2 plasma membrane intrinsic protein 2 chr2:15613624-15614791
6.91	7.67	5.80	3.66E-04	Symbols: Mannose-binding lectin superfamily protein chr5:14090825-14092808 FORW/
5.19	5.95	5.69	1.11E-01	Symbols: MED19A MED19A;BEST Arabidopsis thaliana protein match is: unknown prote
5.60	6.36	5.67	2.41E-01	Symbols: Translation protein SH3-like family protein chr1:3136407-3137430 REVERSE
5.86	6.59	5.46	2.91E-01	LYSC_CHICK Lysozyme C (EC 3.2.1.17) (1,4-beta-N-acetylmuramidase C) (Allergen Gal
5.55	6.26	5.21	2.42E-01	Symbols: Translation protein SH3-like family protein chr3:18504311-18504751 FORWA
5.69	6.36	4.69	3.21E-01	Symbols: Ribosomal protein S5 domain 2-like superfamily protein chr5:6090128-60906
4.89	5.49	4.05	9.96E-02	Symbols: PIP2A, PIP2, PIP2;1 plasma membrane intrinsic protein 2A chr3:19803906-19
7.24	7.82	3.74	1.39E-01	GFP_AEQVI Green fluorescent protein;eGFP from pK7WGF2;eGFP from pK7FWG2;GF