

Supplementary Table 2s. Physicochemical properties and subcellular localization of Pectin methylesterase inhibitor

ID	Amino acid number/aa	Molecular weight /Da	Isoelectric point	Subcellular localization
CmPMEI1	193	21013.12	9.73	Chlo/ Vacu/ Extr
CmPMEI2	194	20928.04	9.65	Chlo/ Vacu/ E.R
CmPMEI3	208	23067.02	5.8	Chlo/ Extr
CmPMEI4	204	22029.08	7.61	Chlo/ Vacu/ Extr
CmPMEI5	197	21589.05	9.96	Chlo/ Extr/ Vacu
CmPMEI6	202	22338.81	9.72	Chlo/ Extr
CmPMEI7	252	27424.98	5.45	Cyto/ E.R./ Nucl
CmPMEI8	189	20400.15	4.4	Extr/ Vacu/ Mito
CmPMEI9	181	20051.11	4.91	Extr/ Mito/ E.R._plas
CmPMEI10	180	19642.43	4.54	Extr/ Vacu/ chlo
CmPMEI11	189	20524.61	8.93	Extr/ Vacu/ Mito
CmPMEI12	189	21321.59	6.72	Extr/ Vacu/ Chlo
CmPMEI13	194	21755.04	8.83	Extr/ Chlo/ Cyto
CmPMEI14	188	21213.81	9.13	Extr/ Chlo/ Nucl
CmPMEI15	187	20854.62	5.2	Chlo/ Extr/ Cyto
CmPMEI16	160	17338.02	7.62	Chlo/ E.R._plas/ Plas
CmPMEI17	168	17895.78	8.59	Extr/ Chlo/ Cyto
CmPMEI18	178	19142.04	6.55	Chlo/ Extr/ Mito
CmPMEI19	172	18328.95	5.22	Chlo/ Extr/ Vacu

Note: Chlo: Chloroplast. Vacu : Vacuole. Extr : Extracellular. E.R: Endoplasmic reticulum. Mito: Mitochondria. Nucl: Nucleus. Cyto: Cytoplasm. Plas: Plasmodesma.