Table S1. Secondary structure and subcellular localization prediction of the 8 pepper CaGPX proteins

Gene ID	Gene name	α-helix %	Beta turn %	Random coil %	Extended strand %	Subcellular localization
CA.PGAv.1.6.scaffold774.11	GPX1	28.99	11.24	37.28	22.49	Chloroplast
CA.PGAv.1.6.scaffold273.17	GPX2	19.2	6.4	44.8	29.6	Nucleus
CA.PGAv.1.6.scaffold65.187	GPX3	30	9	38.5	22.5	Cytoplasm
CA.PGAv.1.6.scaffold1682.18	GPX4	27.06	10.59	38.82	23.53	Chloroplast
CA.PGAv.1.6.scaffold609.2	GPX5	26.47	10.59	40	22.94	Chloroplast
CA.PGAv.1.6.scaffold26.15	GPX6	26.04	12.43	37.87	23.67	Cytoplasm
CA.PGAv.1.6.scaffold26.14	GPX7	28.82	10	38.82	22.35	Chloroplast
CA.PGAv.1.6.scaffold559.5	GPX8	25.52	9.21	39.33	25.94	Chloroplast