Table S5. Domain analysis of ECM phosphoproteins.

Spot ID [a]	Protein Name	Protein ID [b]	Interpro/Pfam [c]	Domain Name [d]
StEPP-221	Unknown	81076617	IPR012336	Thioredoxin-like fold
StEPP-160	Predicted protein	224091917	IPR000608	Ubiquitin-conjugating enzyme, E2
			IPR016135	Ubiquitin-conjugating enzyme/RWD-like

[a] Spot number as given on the 2-D gel images. The first letters (St) signify the source plant, *Solanum tuberosum*, followed by EPP denotes the Extracellular Matrix Phosphoproteome. The numerals indicate the spot numbers corresponding to Figure 3B. [b] Protein identification number as in GenBank. [c] InterPro domain accession number. [d] For each of the proteins identified as "unknown functions" in Table 2, the InterPro site was queried for domains in SMART, Panther, and Pfam databases to identify functional domains of each protein. N/F, not found; N/A, not applicable.