Table 2. Molecular function GO terms and their p-values for co-expressed proteins.

GO ID	GO term	Protein (SSP)[a]	P adj.[b]	Cluster[c]
3723	RNA binding	hnRNP C1/C2 (131), 60S ribosomal SA (148, 150)	0.039	1
15075	Ion transmembrane transporter activity	ATP synthase β (93), cytochrome b-c1 (101), VDAC-1 (167)	0.0169	2
15078	Hydrogen-ion transmembrane transporter activity	ATP synthase β (93), cytochrome b-c1 (101)	0.0305	2
5544	Calcium-dependent phospholipids binding	AnxA5 (58), AnxA6 (38)	0.0091	12
19901	Protein kinase binding	β-Actin (115), phosphoglycerate mutase 1 (187), vimentin (67, 68)	0.0352	14
5200	Structural constituent of cytoskeleton	β-Actin (115), moesin (24), vimentin (67, 68)	0.0447	14
50815	Phosphoserine binding	14-3-3 β/α (185), 14-3-3 ε (172)	0.0134	1R
42826	Histone deacetylase binding	14-3-3 β/α (185), 14-3-3 ε (172)	0.0134	1R
3723	RNA binding	eIF-2-α (142), DDX39B (83), G3BP-1 (49), hnRNP C1/C2 (141), hnRNP K (71), TyrRS (52)	0.032	3R
8092	Cytoskeletal protein binding	Cofilin-1 (222), plastin-2 (42, 43), stathmin (219)	0.035	11R

[a] SSP referring to those numbers in Figure 2 and short protein names referring to those proteins listed in Table S2.

[b] P-value adjusted by the Benjamini multiple test adjustment.

[c] Cluster numbers referring to those in Figures 3 and 4.