

Table S1. Predicted biological functions of the identified proteins.

Spot number	Protein name of highest mascot score hit (Gene name, GI: accession)	Molecular function GO terms associated	Biological process GO terms associated	Cellular component GO terms associated
<i>Immune, inflammatory and coagulation</i>				
128	Alpha-2-macroglobulin-like	Serine-type endopeptidase inhibitor activity (GO:0004867) Peptidase inhibitor activity (GO:0030414)	Liver development (GO:0001889)	Extracellular space (GO:0005615)
288	Kininogen-1-like-isoform X1	Cysteine-type endopeptidase inhibitor activity (GO:0004869) Signaling receptor binding (GO:0005102) Protein binding (GO:0005515)	Platelet degranulation (GO:0002576)	Extracellular region (GO:0005576)
400,886	Histidine-rich glycoprotein-like	Cysteine-type endopeptidase inhibitor activity (GO:0004869) Signaling receptor binding (GO:0005102) Protein binding (GO:0005515)	Angiogenesis (GO:0001525) Platelet degranulation (GO:0002576) Positive regulation of immune response to tumor cell (GO:0002839) Chemotaxis (GO:0006935)	Extracellular region (GO:0005576) Plasma membrane (GO:0005886)
821	Hemopexin-like	Protein binding (GO:0005515)	Positive regulation of immunoglobulin production (GO:0002639) Positive regulation of humoral immune response mediated by circulating immunoglobulin (GO:0002925)	Extracellular region (GO:0005576)
835	Fibrinogen gamma chain	Signaling receptor binding (GO:0005102) Structural molecule activity	Toll-like receptor signaling pathway (GO:0002224)	Extracellular region (GO:0005576)

		(GO:0005198) Extracellular matrix structural constituent (GO:0005201) Protein binding (GO:0005515)	Platelet degranulation (GO:0002576)	
<i>Cytoskeleton-related proteins</i>				
459,477	Blastomere cadherin-like	Calcium ion binding (GO:0005509) Protein binding (GO:0005515) Regulation of gene expression (GO:0010468)	Calcium ion transport (GO:0006816) Homophilic cell adhesion via plasma membrane adhesion molecules (GO:0007156)	Plasma membrane (GO:0005886)
<i>Miscellaneous paths</i>				
343	Leydig cell tumor 10 kDa protein homolog	-	-	Nucleus (GO:0005634)
796	Zinc finger protein 501	DNA-binding transcription factor activity, RNA polymerase II-specific (GO:0000981) Protein binding (GO:0005515) Metal ion binding (GO:0046872)	Negative regulation of transcription by RNA polymerase II (GO:0000122) Positive regulation of transcription by RNA polymerase II (GO:0045944)	Nucleoplasm (GO:0005654)