

Table S1

A	B	C	D	E	F	G	H
Band #	Peptide #	MH+ (observed)	Deduced peptide sequences	Peptide hits	Positive hits (accession and species)	Total score IMS-BLAST	Common name and homologous proteins ("/*") identified as positive hits
1	a)	2688.42	BLVLQCGXXAGVPGFESTVEAGEG	Alpha 2 macroglobulin,	ref XP_002190183.1 [Taeniopygia guttata]	183	alpha 2 macroglobulin
	b)	2241.22	TEGLPGSNTHLQLA	Alpha 2 macroglobulin			
	c)	1798.93	BLLOWNDVQLQDGLTR	no homologous			
	d)	1422.8	LLSGNDVQHHF	no homologous			
	e)	1226.64	BALGYLVS	Alpha 2 macroglobulin			
2	a)	1798.92	BLLOWNDVQLQDGLTR	Alpha 2 macroglobulin	ref XP_002190183.1 [Taeniopygia guttata]	170	alpha 2 macroglobulin
	b)	1386.72	BVLEEGTRELQGR	no homologous			
	c)	1353.76	TEGLPGSNTHLQQL	Alpha 2 macroglobulin			
	d)	1334.72	BFPLVYLQDPSR	Alpha 2 macroglobulin			
	e)	1108.49	BSQEHCYDR	no homologous			
3	a)	2090	EDTVQLQLTR	no homologous	emb CAG05099.1 [Tetraodon nigroviridis]	185	Glycogen phosphorylase
	b)	1830.98	LSLPVVDLAPTAR	no homologous			
	c)	1215.71	BLGQWLVNTR	no homologous			
	d)	1566.78	BDFNVGGYLAQVLDLDR	Glycogen phosphorylase			
	e)	1355.76	BDYYFALAAER	Glycogen phosphorylase			
4	a)	2096.11	ENDDPXXDLSSXVR	Alpha-fetoprotein/serum albumin	emb CAK18227.1 [Eublepharis macularius]	259	Transferrin
	b)	2075.99	BLSPSALVEACSFHQDACAR	Transferrin			
	c)	1999.88	BCSSPSQELYYGYTGAFR	Transferrin	sp P84407.1 FETA_CHICK	131	Alpha-fetoprotein/Serum albumin
	d)	1675.89	BTDDLWNLLSTVQDR	Transferrin			
	e)	1910.84	QFAENHDG	no homologous			
	f)	1056.55	BSSAGWNLVGR	Transferrin			
	g)	1492.87	BRHPEFSPQLLR	Alpha-fetoprotein/serum albumin			
5	a)	1910.91	BGXXXFAENHDGHXXR	Serum albumin/Alpha-fetoprotein	gb AAM46105.1 [Hoplostethus maculatus]	218	Serum albumin/Alpha-fetoprotein
	b)	1593.72	BVCQCCSNYSYAFR	Serum albumin/Alpha-fetoprotein			
	c)	1742.83	BCXXXPFQAFSSDNAGR	Hemopexin-like	ref XP_002944396.1 [Xenopus (Silurana) tropicalis]	67	Hemopexin-like
	d)	1492.83	BRHPEFSPQLLR	Hemopexin-like			
	e)	1485.79	BSGSPVYATFTHR	Serum albumin/Alpha-fetoprotein	ref XP_002415879.1 [Ixodes scapularis]	70	Esterase
	f)	1356.85	BRVWCMAHNALR	Esterase			
	g)	1199.65	BFDPVTATVPPR	no homologous			
	h)	1068.58	BNECLLSYR	no homologous			
6	a)	1900.79	BNYCDNPEGYWLGNER	fibrinogen	ref XP_002752372.1 [Callithrix jacchus]	203	Pregnancy-zone protein /a2M/Ovostatin/a1M/murine globulin/a1-proteinase inhibitor 3
	b)	1822.83	BSCTFYEFTNQLDQR	Nesprin-2 like			
	c)	1742.97	BLWTVLSHLEXVXXR	Alpha 2 macroglobulin	ref XP_002933762.1 [Xenopus (Silurana) tropicalis]	65	Fibrinogen beta chain/Angiopoitin-2 Nesprin-2 like
	d)	1422.8	BNLSGNDVQHHFR	no homologous			
	e)	1513.78	BTPDQQLLHSSXXXK	no homologous			
	f)	1324.65	BHPDGSYSTFGTR	Alpha 2 macroglobulin,			
g)	1226.67	BALGYLVSGYQR	Alpha 2 macroglobulin				
7	a)	2171.93	BXXXSLMTTEDNWTLLQNR	Fibrinogen	ref XP_002196458.1 [Taeniopygia guttata]	276	Fibrinogen beta chain
	b)	1900.79	BNYCDNPEGYWLGNER	Fibrinogen			
	c)	1822.83	BSCTFYEFTNQLDQR	Fibrinogen	ref XP_002192134.1 [Taeniopygia guttata]	246	Pyruvate kinase
	d)	1653.72	BEPXXXAWAEDVLR	Pyruvate kinase			
	e)	1373.68	BNTGLLCTLGPASR	Pyruvate kinase			
	f)	1253.57	EDAGGWYVNR	Fibrinogen			
	g)	1043.56	BEAEALFHR	Pyruvate kinase			
8	a)	2304.06	LSPNDQTEFF	Fibrinogen	ref NP_001080639.1 [Xenopus laevis]	235	Fibrinogen gamma chain
	b)	2089.93	BCQQPCEDTVQLQELTGR	Fibrinogen			
	c)	1713.02	BLHLLTQSTVPYALR	Fibrinogen			
	d)	1215.69	BRSDLLEVLNR	no homologous			
9	a)	1804.96	SPGALGGTTGLYEALER	Alpha-enolase	gb EDL27268.1 [Mus musculus]	72	Alpha-enolase
10	a)	1657.85	TFLVEGVSLSHAGQQR	no homologous	gb AAF76899.1 [Zaocys dhumnades]	93	Creatine kinase
	b)	2050.94	RATTGTEAVQVFDLSNADR	Creatine kinase			
	c)	1785.95	CKDVVLKAVGFVDPK	no homologous			
11	a)	2271.94	BRVPLAGTGETTTQGLDGLSER	Fructose biphosphate aldolase	gb ABF60005.1 [Polypterus senegalus]	266	Fructose biphosphate aldolase
	b)	2130.18	BLTPPTPSHLALLENANVLAR	Fructose biphosphate aldolase			
12	a)	1765.77	BLVSWYDNEYGYSNR	GAPDH	ref NP_989636.1 [Gallus gallus]	281	glyceraldehyde-3-phosphate dehydrogenase (GAPDH)
	b)	1611.93	BLVDGHALTLFXXR	GAPDH			
	c)	1570.81	BVPXTXVSVVLTCLR	GAPDH			
	d)	1443.85	BDLLHALEPLVAPR	no homologous			
13	a)	1567.81	BDVGVTVVLLGHSER	Triosephosphate isomerase B	ref NP_001133174.1 [Salmo salar]	120	triosephosphate isomerase B
	b)	1505.72	BEAVAQLDASNFQQR	Triosephosphate isomerase B			
	c)	1318.71	BTLVEQLANFR	no homologous			
14	a)	2205.13	BFSVNLGQNSNFVLFHFNPR	Galectin	ref NP_002299.2 [Homo sapiens]	198	Galectin-1 / Galectin-9
	b)	1495.74	BFDEGGVLCNTR	Galectin			
	c)	1136.53	BVAGQWGSEM(OX)R	Galectin			
	d)	1120.55	BVAGQWGSEMR	Galectin			
	e)	973.56	BVVAHALAHR	no homologous			
15	a)	2205.13	BFSVNLGQNSNFVLFHFNPR	Galectin	ref NP_002299.2 [Homo sapiens]	198	Galectin-1 / Galectin-9
	b)	1885.83	BTYFPHYDMAAGSEQLR	Hemoglobin			
	c)	1495.74	BFDEGGVLCNTR	Galectin	gb ABN71134.1 [Peromyscus maniculatus]	99	hemoglobin alpha subunit 1
	d)	1136.53	BVAGQWGSEM(OX)R	Galectin			
	e)	1120.55	BVAGQWGSEMR	Galectin			
	f)	973.56	BVVAHALAHR	Hemoglobin			