

Supplementary Table 6: List of unique proteins identified in MiA group compared to control, NA and MA groups

Accession	Accession ID	Gene name	Description	% coverage	# number of proteins	# number of unique peptides	# number of peptides	# number of PSMs	Maximum score	Number of AAs	MW (kDa)	Isoelectric point	Localization	Biological process	Molecular function	Signal TM
IP100003437	Q16661	GUCA2B	Guanylate cyclase activator 2B	11.61	1	1	1	1	2.46	112	12.1	6.48	Extracellular region	Circulatory system process	Enzyme activator activity	Yes
IP100007752	P68371	TUBB4B	Tubulin beta-2C chain	24.49	9	1	7	16	27.70	445	49.8	4.89	Cytosol	Cell killing	Nucleotide binding	No
IP100010105	P56537	EIF6	Eukaryotic translation initiation factor 6	13.06	3	2	2	3	6.10	245	26.6	4.68	Cytoplasm. Nucleus	Mature ribosome assembly	Protein binding	No
IP100010182	P07108	DBI	Isoform 1 of acyl-CoA-binding protein	18.39	7	1	1	1	2.55	87	10.0	6.57	Cell fraction	Transport	Acyl-CoA binding	No
IP100010290	P07148	FABP1	FABP1 protein (fragment)	42.54	3	3	3	10	16.81	134	15.1	9.51	Cytoplasm	Lipid transport	Chromatin binding	No
IP100011604	P23434	GCSH	Glycine cleavage system H protein, mitochondrial	11.56	2	1	1	1	3.85	173	18.9	4.88	Mitochondrion	Glycine metabolic process	Aminomethyl transferase activity	Yes
IP100011685	Q03692	COL10A1	Collagen alpha-1(X) chain	4.71	1	1	1	1	2.60	680	66.1	9.67	Extracellular region	Skeletal system development	Calcium ion binding	Yes
IP100013303	Q13449	LSAMP	Limbic system-associated membrane protein	4.73	2	1	1	2	3.99	338	37.4	6.98	Plasma membrane	Cell adhesion	Protein binding	Yes

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IP 00013895	P31949	S100A11	Protein S100-A11	29.52	1	1	1	3	6.13	105	11.7	7.12	Nucleus	Regulation of DNA replication	Calcium ion binding	No	No
IP 00015881	P09603	CSF1	Isoform 1 of macrophage colony-stimulating factor 1	9.75	4	4	4	20	22.29	554	60.1	5.29	Extracellular region	Cell activation	Cytokine activity	No	No
IP 00016334	P43121	MCAM	Isoform 1 of cell surface glycoprotein MUC18	9.60	2	3	3	4	5.33	646	71.6	5.76	Plasma membrane	Cell adhesion		Yes	1
IP 00016645	Q15375	EPHA7	Isoform 1 of ephrin type-A receptor 7	3.01	6	2	2	7	8.17	998	112.0	5.80	Plasma membrane	Cell morphogenesis	Nucleotide binding	Yes	
IP 00017951	Q9H5H6		cDNA: FLJ23429 fis, clone HRC10578	18.46	1	1	1	1	2.92	195	21.1	9.47				No	
IP 00020599	P27797	CALR	Calreticulin	6.47	1	2	2	2	4.72	417	48.1	4.44	Cell fraction	Negative regulation of transcription from RNA polymerase II promoter	Opsonin binding	No	No
IP 00021263	P63104	YWHAZ	14-3-3 protein zeta/delta	13.47	4	2	2	5	11.93	245	27.7	4.79	Cell fraction	Cell activation	Transcription factor binding	No	No
IP 00021439	P60709	ACTB	Actin, cytoplasmic 1	20.00	23	2	4	20	11.77	375	41.7	5.48	Histone acetyl transferase complex	Cell morphogenesis	Nucleotide binding	No	No
IP 00022213	P20142	PGC	Gastrictrisin	3.09	1	1	1	1	2.35	388	42.4	4.46	Extracellular region	Proteolysis	Endopeptidase activity	Yes	
IP 00022449	Q92608	DOCK2	Isoform 1 of dedicator of cytokinesis protein 2	0.87	1	1	1	1	2.42	1830	211.8	6.87	Cytosol	Cell morphogenesis	Small GTPase regulator activity	No	No
IP 00025204	O43866	CD5L	CD5 antigen-like	6.34	1	1	1	1	2.52	347	38.1	5.47	Extracellular region	Apoptosis	Scavenger receptor activity	Yes	
IP 00027851	Q9BVJ8	HEXA	cDNA FLJ53927, highly similar to beta-hexosaminidase alpha chain	9.81	4	4	4	5	7.89	540	62.0	5.26	Membrane	Skeletal system development	Beta-N-acetylhexosaminidase activity	No	No
IP 00028931	Q14126	DSG2	Desmoglein-2	1.25	1	1	1	2	3.31	1118	122.2	5.24	Plasma membrane	Cell adhesion	Calcium ion binding	Yes	2
IP 00056357	Q969H8	C19orf10	UPF0556 protein C19orf10	8.67	1	1	1	1	2.38	173	18.8	6.68	Extracellular region	Positive regulation of cell proliferation	Growth factor activity	Yes	
IP 00072918	E7ENL6	COL6A3	322 kDa protein	2.25	9	5	5	9	7.61	2976	322.0	6.90		Cell adhesion	Enzyme inhibitor activity	Yes	
IP 00098827	Q9Y547	HSPB11	Heat shock protein beta-11	17.36	1	1	1	1	2.53	144	16.3	5.03		Cell adhesion		No	No

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IP100099883			Isoform 1 of G-protein coupled receptor family C group 5 member C	3.40	4	1	1	1	2.57	441	48.2	8.43	Mitochondrion	Cell surface receptor linked signal transduction		
IP100103423	P78310	CXADR	Isoform 4 of coxsackievirus and adenovirus receptor cDNA FLJ55219, highly similar to dehydrogenase/reductase SDR family member 9	5.00	6	1	1	1	2.39	200	22.4	8.43	Extracellular region	Mitochondrion organization		Yes 1
IP100106494	B7Z416	DHRS9	Isoform XLas-3 of guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas	4.75	1	1	1	1	2.88	379	41.9	8.90	Cell fraction	Retinoid metabolic process	Alcohol dehydrogenase (NAD) activity	Yes 1
IP100154366	Q5JWF2	GNAS	Isoform 1 of gastrotropin	3.19	3	1	1	1	2.63	752	77.6	5.03	Golgi membrane	Skeletal system development	Nucleotide binding	No
IP100163119	P51161	FABP6	Isoform 1 of gastrotropin	14.06	2	1	1	2	3.09	128	14.4	6.80	Cytosol	Steroid metabolic process	Fatty acid binding	No
IP100166205	Q8N1N4	KRT78	Isoform 2 of keratin, type II cytoskeletal 78	5.85	2	2	2	4	2.46	410	45.0	5.20	Cytoskeleton	Structural molecule activity		
IP100178015	Q16820	MEP1B	Meprin A subunit beta	4.28	1	1	1	1	2.66	701	79.5	5.74	Cell fraction	Proteolysis	Endopeptidase activity	Yes 1
IP100180408	Q9Y2K3	MYH15	Myosin-15	0.92	1	1	1	1	2.52	1946	224.5	5.85	Cytoskeleton	Protein complex assembly	Nucleotide binding	No
IP100180675	Q71U36	TUBA1A	Tubulin alpha-1A chain	25.72	16	1	7	25	38.17	451	50.1	5.06	Cytosol	Cell activation	Nucleotide binding	No
IP100219131	O75144	ICOSLG	Isoform 1 of ICOS ligand	9.27	4	2	2	2	5.86	302	33.3	5.31	Membrane	Receptor binding	Receptor binding	Yes 1
IP100220281	Q8N619	GNAO1	Isoform alpha-1 of guanine nucleotide-binding protein G(o) subunit alpha	7.91	2	2	2	3	5.26	354	40.0	5.53	Cell fraction	Response to reactive oxygen species	Nucleotide binding	No
IP100247063	P08473	MME	Neprilysin	3.33	1	2	2	2	2.94	750	85.5	5.73	Cell fraction	Proteolysis	Endopeptidase activity	No 1
IP100247167	Q6ZVX7	NCCRP1	Nonspecific cytotoxic cell receptor protein 1 homolog	4.00	1	1	1	2	2.48	275	30.8	6.62		Macromolecule catabolic process		No
IP100289275	O75339	CILP	Cartilage intermediate layer protein 1	2.79	2	2	2	4	5.73	1184	132.5	8.38	Extracellular region	Negative regulation of signal transduction	Alkaline phosphatase activity	Yes

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IP100292069	Q14UF5	DAF	Isoform 2 of complement decay-accelerating factor	5.51	9	2	2	3	4.68	381	41.4	7.59	Cell membrane	Adaptive immune response	Blood group antigen	Yes
IP100292130	Q07507	DPT	Dermatopontin	8.46	1	1	1	4	6.37	201	24.0	4.82	Extracellular region	Cell adhesion		Yes
IP100292150	Q6AZ94	LTBP2	Latent-transforming growth factor beta-binding protein 2	1.04	1	1	1	2	3.20	1821	194.9	5.19	Extracellular region	Protein targeting	Calcium ion binding	Yes
IP100296099	Q7KYY3	THBS1	Thrombospondin-1	1.03	1	1	1	1	2.56	1170	129.3	4.94	Extracellular region	MAPKKK cascade	Pattern binding	Yes
IP100296589	Q8N3Y0	ITPK1	ITPK1 protein (fragment)	4.73	1	1	1	1	2.61	444	48.6	5.19	Intracellular	Inositol metabolic process	Nucleotide binding	No
IP100298793	O00462	MANBA	Beta-mannosidase	8.53	2	5	5	8	11.00	879	100.8	5.52	Cell fraction	Glycoprotein catabolic process	Beta-mannosidase activity	Yes
IP100301364	P63208	SKP1	Isoform 1 of S-phase kinase-associated protein 1	7.36	1	1	1	1	2.51	163	18.6	4.54	Mitotic cell cycle	Mitotic cell cycle		No
IP100328113	P35555	FBN1	Fibrillin-1	0.45	1	1	1	2	5.12	2871	312.0	4.93	Microfibril	Skeletal system development	Structural molecule activity	Yes
IP100328243	Q81V08	PLD3	Phospholipase D3	2.04	1	1	1	2	2.58	490	54.7	6.47	Endoplasmic reticulumER	Lipid catabolic process	Phospholipase activity	No 1
IP100329771	Q9P2N4	ADAMTS9	Isoform 2 of a disintegrin and metalloproteinase with thrombospondin motifs 9	1.84	3	1	1	1	2.80	1629	182.6	7.68	Extracellular region	Proteolysis	Endopeptidase activity	Yes
IP100332887			Signal-regulatory protein alpha precursor	9.52	5	3	3	4	5.95	504	54.9	6.98	Plasma membrane	Cell adhesion	SH3 domain binding	
IP100337399	P57103	SLC8A3	Isoform 4 of sodium/calcium exchanger 3	3.06	5	1	1	1	2.49	620	68.9	5.14	Integral to membrane	Ion transport	Calcium:sodium antiporter activity	Yes 11
IP100376436	Q9BQ83	SLX1A	Isoform 4 of vacuolar protein sorting-associated protein 13B	2.20	5	1	1	1	2.80	863	97.3	5.16	Nuclear chromosome	Double-strand break repair via homologous recombination	Nuclease activity	No
IP100383486			22 kDa protein	10.88	3	1	1	1	2.77	193	22.0	5.69	Endoplasmic reticulumER	RNA processing	RNA binding	
IP100384282	Q9UJU1	VIL2	Cytovillin 2 (fragment)	7.09	7	1	1	1	2.54	141	16.2	9.31	Cytoplasm		Cytoskeletal protein binding	No
IP100385005	Q7Z3M0	DKFZp686M1993	Putative uncharacterized protein DKFZp686M1993	0.75	5	1	1	1	2.27	1607	183.2	5.53	Centrosome	Regulation of neuron differentiation	Microtubule binding	No

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IP100386324			Seven transmembrane helix receptor	1.50	1	1	1	1	2.55	1465	156.5	10.83	Cytoskeleton	Microtubule-based process	Nucleotide binding	
IP100386621	Q9BRL5		CALM3 protein	18.92	7	2	2	3	5.37	148	16.6	4.44		Cell cycle	Calcium ion binding	No
IP100397579	O75335	PPF1A4	Isoform 2 of liprin-alpha-4	3.18	5	1	1	1	2.65	692	77.0	7.77	Cell surface			No
IP100401212			GPM6A protein	17.95	4	1	1	1	2.55	78	8.9	6.51	Cell surface		Ion channel activity	
IP100402215	Q05707	COL14A1	Isoform 3 of collagen alpha-1 (XIV) chain	1.18	3	1	1	3	5.08	1701	183.0	5.29	Extracellular region	Cell adhesion	Structural molecule activity	Yes 1
IP100410360	Q8NEJ9	NGDN	Isoform 2 of neuroguidin	9.00	3	1	1	1	2.50	311	35.2	9.33	Filopodium	Regulation of translation		No
IP100412771	Q9Y5K6	CD2AP	CD2-associated protein	2.97	1	1	1	1	2.50	639	71.4	6.40	Ruffle	M phase of mitotic cell cycle	Structural molecule activity	No
IP100413773	O75129	ASTN2	Isoform 6 of astrotactin-2	4.81	1	1	1	1	2.39	395	44.5	5.86	Integral to membrane	Insemination	Structural molecule activity	Yes 2
IP100414684	Q6Y808	SEMG1	Isoform 2 of semenogelin-1	5.47	2	1	1	1	3.65	402	45.3	9.38	Extracellular region			
IP100428511	P58400	NRXN1	Neurexin-1-beta	5.66	1	1	1	1	2.30	442	46.6	7.80	Plasma membrane	Cell morphogenesis	Calcium channel regulator activity	Yes 2
IP100443913	Q6ZRJ0		cDNA FLJ46325 fis, clone TEST14043371	19.25	1	1	1	1	2.52	161	18.7	9.11				Yes 4
IP100479027			Blood coagulation inhibitor, disintegrin domain containing protein	6.74	1	1	1	1	2.78	356	39.2	6.89				
IP100554538			Uncharacterized protein	15.14	7	4	4	19	23.10	555	60.3	6.39	Cytosol	Tissue homeostasis	Endopeptidase activity	
IP100554556	O60888	CUTA	Isoform C of protein CutA	17.31	3	1	1	2	4.18	156	16.8	5.21	Cornified envelope	Protein complex assembly	Retinoic acid receptor activity	Yes 1
IP100555789	Q59G69		Glia maturation factor, beta variant (fragment)	20.54	3	1	1	1	2.65	112	12.9	5.17	Intracellular		Actin binding	No
IP100607744	Q9NVH1	DNAJC11	Isoform 2 of DNAJ homolog subfamily C member 11	3.84	1	1	1	1	2.50	521	58.9	7.61		Protein folding	Heat shock protein binding	No
IP100640115	Q9BV28	TUBB3	cDNA FLJ77784	17.20	4	1	4	10	18.44	378	42.4	4.96	Cytoskeleton	M phase of mitotic cell cycle	Nucleotide binding	No
IP100642936	Q5TA02	GSTO1	Glutathione S-transferase omega 1	5.00	2	1	1	1	2.36	200	23.3	7.21	Cytoplasm	Vitamin metabolic process	Glutathione transferase activity	No
IP100643158			43 kDa protein	11.29	10	2	3	7	12.13	381	42.5	4.83	Cytoskeleton	Protein complex assembly	Nucleotide binding	
IP100643462			27 kDa protein	18.14	1	1	1	1	2.67	226	26.6	6.54				

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IP100644296	Q66K77		456 kDa protein	0.78	17	2	2	2	2.46	4222	455.9	5.20	Plasma membrane	Protein amino acid phosphorylation	Nucleotide binding	Yes
IP100644497			Conserved hypothetical protein	5.80	16	1	1	3	5.54	293	31.8	5.62		Immune response	Antigen binding	
IP100644990	Q8N7G9		cDNA FLJ25604 fis, clone JTH14207	6.39	2	1	1	1	2.73	548	61.3	8.94	Plasma membrane	Intracellular signaling cascade	Guanyl-nucleotide exchange factor activity	No
IP100646555	Q6R2W3	SCAND3	SCAN domain-containing protein 3	1.28	1	1	1	1	2.39	1325	151.6	6.73	Nucleus	DNA integration	DNA binding	No
IP100647896	Q9BUU9	TUBB	Tubulin, beta	33.33	12	2	8	15	24.24	372	41.7	4.91	Cytosol	M phase of mitotic cell cycle	Nucleotide binding	No
IP100738216	Q9Y2F5	KIAA0947	Uncharacterized protein KIAA0947	1.72	1	1	1	1	3.08	2266	247.7	5.48				No
IP100741107	Q5JRA6	MIA3	Isoform 3 of melanoma inhibitory activity protein 3	2.00	3	1	1	1	2.46	500	56.5	4.45	Endoplasmic reticulumER	Positive regulation of immune system process		Yes
IP100749485	O95460	MATN4	Isoform 3 of matrilin-4	4.17	5	1	1	1	2.70	432	47.5	5.92	Extracellular region			Yes
IP100788877	Q8WXG6	MADD	Isoform 6 of MAP kinase-activating death domain protein	1.56	10	1	1	1	2.59	1479	163.9	6.32	Plasma membrane	MAPKK cascade	Small GTPase regulator activity	No
IP100789150	C9JDD2	CD300E	Uncharacterized protein	11.48	3	1	1	1	2.50	122	13.7	5.25	Plasma membrane	Immune response		No
IP100790892			6 kDa protein	35.29	8	1	1	1	3.85	51	5.6	4.89	Phosphopyruvate hydratase complex	Monosaccharide metabolic process	Magnesium ion binding	
IP100793420	Q13161	BMPPR2	Bone morphogenic protein type II receptor	2.45	2	1	1	1	2.65	530	59.9	5.66	Plasma membrane	Formation of primary germ layer	Nucleotide binding	Yes 1
IP100793930	Q8WU19	TUBA1B	TUBA1B protein	34.63	24	1	7	19	30.21	335	37.2	4.98	Microtubule	Microtubule-based movement	GTP binding	No
IP100794822			23 kDa protein	11.34	1	1	1	1	2.58	194	22.7	9.52	Nuclear envelope	RNA localization	Peptidase activity	
IP100798210	Q13421	MSLN	Isoform 4 of mesothelin	8.53	6	3	3	5	10.80	621	67.9	6.20	Extracellular region	Cell adhesion	Antigen binding	Yes 1
IP100815674	A0PJG2	LPHN1	LPHN1 protein (fragment)	3.61	3	1	1	1	2.50	388	43.9	8.28	Plasma membrane	Cell surface receptor linked signal transduction	Sugar binding	Yes 1
IP100853068	Q86YQ1	HBA2	Hemoglobin alpha-2	14.55	2	1	1	1	2.78	110	11.9	8.76	Cytosol	Gas transport	Oxygen transporter activity	No

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IP100868965	Q149M9	NWD1	Isoform 2 of NACHT and WD repeat domain-containing protein 1	1.33	3	1	1	1	2.54	1358	150.7	7.05			Nucleotide binding	No
IP100871537	Q9UPH8		Gamma-interferon-inducible lysosomal thiol reductase preproprotein	4.40	2	1	1	1	2.52	250	27.9	4.88	Lysosome	Antigen processing and presentation of exogenous peptide antigen		Yes
IP100872788	Q14195	DPYSL3	Dihydropyrimidinase-related protein 3	2.81	7	1	1	1	2.54	570	61.9	6.49	Cytoskeleton		Dihydro pyrimidinase activity	No
IP100873419			38 kDa protein	9.68	3	1	1	1	2.90	341	37.7	5.20	Integral to membrane			
IP100877884			17 kDa protein	12.42	2	1	1	1	2.31	153	17.0	4.92	Extracellular region	Single fertilization		
IP100877925	C9JPV4	SERPINF2	Uncharacterized protein	20.45	5	3	3	4	8.81	264	29.5	6.93	Extracellular region	Acute inflammatory response	Protease binding	Yes
IP100878470			8 kDa protein	33.33	1	1	1	2	2.81	78	8.3	7.34				
IP100878551	B4DUA5		cDNA FLJ59430, highly similar to protein disulfide-isomerase	2.65	2	1	1	1	2.64	452	51.2	4.88	Extracellular region	Cellular amino acid derivative metabolic process	Protein disulfide isomerase activity	Yes
IP100892879			27 kDa protein	12.65	3	2	2	11	12.21	245	26.7	8.56	Plasma membrane	Cell adhesion		
IP100892906			18 kDa protein	6.67	7	1	1	1	2.25	165	18.0	8.12	Cytosol	Protein localization	Selenium binding	
IP100893273	E7EV71	LTBP1	Latent-transforming growth factor beta-binding protein 1	1.46	9	1	1	1	3.18	1300	142.6	4.93	Extracellular region		Protein kinase activity	Yes
IP100893517	E7EP88	FBXO11	isoform 5 precursor Putative uncharacterized protein EFEMP1	9.49	12	3	3	4	2.94	411	46.4	4.92	Ubiquitin ligase complex	Proteolysis	Ubiquitin-protein ligase activity	No
IP100902750	B3KTX0		cDNA FLJ38893 fis, clone NOVAR1000091, highly similar to colorectal mutant cancer protein	7.30	3	1	1	1	2.85	411	46.1	5.05				No
IP100908698	B5A966	EPHA1	Soluble EPHA1 variant 1	3.80	3	1	1	2	3.31	474	51.0	7.61	Plasma membrane	Protein amino acid phosphorylation	Nucleotide binding	Yes

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IP100909283	B4DMA7		cDNA FLJ58514, highly similar to cadherin-11	13.74	3	6	6	10	13.96	779	85.5	4.83	Plasma membrane	Skeletal system development	Calcium ion binding	No	1
IP100909555	E7ENW3		cDNA FLJ51602, highly similar to interferon-induced guanylate-binding protein 1	3.36	2	1	1	26	9.82	357	41.2	6.73	Plasma membrane	Immune response	Nucleotide binding	No	
IP100909967	B5A957	PDGFRB	Soluble PDGFRb variant 1	4.17	2	1	1	1	2.87	336	37.4	4.87	Skeletal system development	Skeletal system development	Nucleotide binding	Yes	
IP100910395	O95206	PCDH8	cDNA FLJ56819, highly similar to protocadherin-8	2.85	4	1	1	1	2.30	596	63.1	7.09	Plasma membrane	Somitogenesis	Calcium ion binding	Yes	1
IP100910597	E7ERY7		cDNA FLJ56823, highly similar to protein-glutamine gamma-glutamyltransferase E	2.44	2	1	1	1	2.38	533	58.8	7.15		Hair follicle development	Nucleotide binding	No	
IP100910734	E9PER2		cDNA FLJ53641, highly similar to intercellular adhesion molecule 1	10.59	4	3	3	3	7.72	444	48.1	8.16	Membrane	Cell activation	Integrin binding	Yes	1
IP100910975	B4DNY5		CMRF35-like molecule 9 isoform 3 precursor	22.34	5	3	3	4	6.67	273	29.9	6.54		Immune response		Yes	1
IP100917449			Protein	10.92	3	1	1	2	5.35	119	13.2	6.54	Extracellular region	Release of cytochrome c from mitochondria	Gamma-glutamyl cyclotransferase activity	No	
IP100917696	Q8WY28	LRP1B	Candidate tumor suppressor protein	3.01	2	1	1	2	2.38	798	89.1	6.27	Cell fraction	Endocytosis	Low-density lipoprotein receptor activity	No	
IP100921523	P00751	CFB	Isoform 1 of complement factor B (fragment)	16.88	11	8	8	28	15.26	764	85.5	7.06	Extracellular region	Complement activation, alternative pathway	Complement binding	Yes	
IP100924656			228 kDa protein	1.18	1	1	1	1	2.60	2115	227.8	7.93					
IP100925319	C9JYS1	DAG1	Uncharacterized protein	16.67	4	1	1	1	2.99	96	10.3	5.29		Morphogenesis of an epithelium	Calcium ion binding	Yes	
IP100926178	C9JL85	MTPN	Uncharacterized protein	32.69	3	1	1	1	3.41	52	5.7	4.78	Axon	Regulation of translation		No	
IP100926622	Q53QL7	PLGL	Putative uncharacterized protein PLGL	11.83	5	1	1	3	4.67	93	10.6	5.21	Extracellular region			No	
IP100929685	P04278	SHBG	Sex hormone-binding globulin isoform 2 precursor	6.25	2	1	1	1	2.37	384	41.7	6.71	Extracellular region	Reproductive developmental process	Steroid binding		
IP100936444	B4E1L4		cDNA FLJ59081, highly similar to mucin-5B	0.74	3	1	1	1	3.32	5706	590.4	6.67	Extracellular region	Cell adhesion	Enzyme inhibitor activity		

Contd...

Supplementary Table 6: Contd...

Accession	Accession ID	Gene name	Description	% coverage	# number of proteins	# number of unique peptides	# number of peptides	# number of PSMs	Maximum score	Number of AAs	MW (kDa)	Isoelectric point	Localization	Biological Process	Molecular function	Signal	TM
IP100945626	E9PDZ3		Uncharacterized protein	8.21	2	1	1	1	2.28	134	14.7	7.14	Nuclear envelope	Purine nucleotide metabolic process	Nucleotide binding	No	1
IP100946958			23 kDa protein	6.47	7	1	1	1	2.31	201	22.7	6.14			Protein binding, bridging	Yes	
IP100965713	D6REL8	FGB	Uncharacterized protein	5.15	2	1	1	1	2.54	272	31.2	7.25	Fibrinogen complex	Platelet activation			
IP100966346	E7ESB3	ART3	23 kDa protein	14.85	9	2	2	2	2.45	202	23.2	7.53		Protein ADP-ribosylation	NAD(P) ⁺ -protein-arginine ADP-ribosyltransferase activity	Yes	
IP100966568			Protein	18.55	8	1	1	1	2.48	124	13.2	9.67					
IP100966681	D6R978	CNGA1	Uncharacterized protein	20.20	1	1	1	1	2.67	99	11.0	5.17					No
IP100967837	E7EPG1	MMRN1	111 kDa protein	1.55	2	1	1	1	2.28	970	110.7	7.02					No
IP100968044	D6RBG3	ZFP62	Uncharacterized protein	44.87	6	1	1	1	2.73	78	8.8	8.18					No

MW: Molecular weight, TUBA1B: Tubulin, alpha 1b, MA: Macroalbuminuria, MiA: Microalbuminuria, NA: Normoalbuminuria, ER: Endoplasmic reticulum, PSM: ???, AA: Amino acids, TM: Transmembrane domain