

Since this is a very extensive table, the format and content has not been edited by ActaDV

Table SII. Proteins identified in the HPLC fraction 18-23 by LC-MS/MS

Accession	GS	Name	Pro_Mass	Protein Score			emPAI			Peptide number		
				F18_F23SetA	F18_F23SetB	F18_F23SetC	F18_F23SetA	F18_F23SetB	F18_F23SetC	F18_F23SetA	F18_F23SetB	F18_F23SetC
sp P13645	KRT10	Keratin, type I cytoskeletal 10	59020	7043	4611	2462	18,72	17,68	5,32	178	113	65
sp P04264	KRT1	Keratin, type II cytoskeletal 1	66170	6367	4521	1877	7,04	7,04	2,05	139	92	47
sp P35527	KRT9	Keratin, type I cytoskeletal 9	62255	4086	3010	1108	6,44	6,06	1,28	114	83	31
sp P35908	KRT2	Keratin, type II cytoskeletal 2 epidermal	65678	3913	2571	1372	3,32	2,92	1,53	96	60	36
sp P01023	A2M	Alpha-2-macroglobulin	164613	2453	1732	751	1,15	1,07	0,42	132	85	47
sp O43790	KRT86	Keratin, type II cuticular Hb6	55120	2350	1315	1068	0,89	0,68	0,89	65	30	35
sp P02768	ALB	Serum albumin	71317	10818	5910	4941	32,55	16,86	23,48	384	178	206
tr A0A087X	IGKC	Ig kappa chain C region	25406	2266		678	7,16		1,37	64		23
sp P01024	C3	Complement C3	188569	2263	1468	823	0,67	0,62	0,36	86	55	31
sp Q52LG2	KRTAP13-2	Keratin-associated protein 13-2	19912	1916	985	963	7,93	4,59	4,59	43	21	22
tr A0A087W	IGHG1	Ig gamma-1 chain C region	51863	1879	1278	632	2,22	2,22	1,37	103	58	45
sp Q8IU00	KRTAP13-1	Keratin-associated protein 13-1	19505	1576	1011	597	5,74	3,9	2,57	30	14	16
sp Q9BYR3	KRTAP4-4	Keratin-associated protein 4-4	21487	1485	753	748	1,76	1,06	1,06	31	13	18
sp Q9BYQ3	KRTAP9-3	Keratin-associated protein 9-3	19805	1423	1131	311	26,18	15,96	4,64	60	33	27
sp P02787	TF	Serotransferrin	79294	1348	845	534	1,65	1,34	0,84	81	43	38

sp Q9BYQ6	KRTAP4-11	Keratin-associated protein 4-11	24844	1335	687	666	1,42	1,13	1,13	35	16	19
sp P01861	IGHG4	Ig gamma-4 chain C region	36431	1322	889	463	2,1	2,1	1,61	53	31	22
sp P02533	KRT14	Keratin, type I cytoskeletal 14	51872	1167	785	412	2,03	2,03	0,54	40	27	13
sp P08779	KRT16	Keratin, type I cytoskeletal 16	51578	1131	778	381	1,1	1,1	0,28	34	22	12
sp P02679-	FGG	Isoform Gamma-A of Fibrinogen gamma chain	50092	1097	874	258	1,02	1,02	0,47	42	30	12
tr J3QR68	HP	Haptoglobin (Fragment)	45697	1041		368	1,15		0,42	37		15
sp P01876	IGHA1	Ig alpha-1 chain C region	38486	987	543	473	1,28	0,93	0,78	39	20	19
tr A0A087W	KRTAP9-8	Keratin-associated protein 9-8	20295	978	709	288	6,32	2,97	5,28	54	25	29
sp Q9BYQ5	KRTAP4-6	Keratin-associated protein 4-6	26141	956	661	318	1,05	1,05	0,82	24	14	10
tr A0A075B	IGHG3	Ig gamma-3 chain C region (Fragment)	42327	936	681	288	0,97	0,97	0,69	44	26	18
sp P0C0L4-	C4A	Isoform 2 of Complement C4-A	189125	892	533	386	0,19	0,19	0,05	29	19	10
sp Q9BYR0	KRTAP4-7	Keratin-associated protein 4-7	26850	853	487	390	1,27	0,8	0,8	22	13	9
tr A0A087W	KRTAP9-2	Keratin-associated protein 9-2	20290	793	490	321	5,28	4,39	1,92	38	21	17
sp Q9BQ66	KRTAP4-12	Keratin-associated protein 4-12	25609	784	577	230	0,63	0,63	0,63	23	13	10

tr F5H1T9	KRTAP2-1	Keratin-associated protein 2-1	14926	748	580	194	3,23	2,44	1,8	33	16	17
sp P01859	IGHG2	Ig gamma-2 chain C region	36505	724	454	305	1,38	1,38	1	54	31	23
sp POC7H8	KRTAP2-3	Keratin-associated protein 2-3	15465	718	486	258	3,02	2,3	1,7	33	14	19
sp A8MTY7	KRTAP9-7	Keratin-associated protein 9-7	20915	715	582	153	7,08	4,99	2,3	34	18	16
sp P01620	sp P01620 KV302_HUMAN	Ig kappa chain V-III region SIE	11882	705	593	136	2,56	2,56	0,66	14	11	3
sp P02671-	FGA	Isoform 2 of Fibrinogen alpha chain	70227	696	589	142	0,51	0,51	0,2	29	19	10
sp P04259	KRT6B	Keratin, type II cytoskeletal 6B	60315	692	457	263	0,89	0,79	0,45	32	18	14
sp P13647	KRT5	Keratin, type II cytoskeletal 5	62568	688	412	304	0,85	0,76	0,36	29	17	12
sp Q8IUC1	KRTAP11-1	Keratin-associated protein 11-1	18385	676	532	166	2,84	2,84	0,66	21	16	5
sp P48668	KRT6C	Keratin, type II cytoskeletal 6C	60273	669	468		1	0,89		31	20	
sp P68871	HBB	Hemoglobin subunit beta	16102	620	485		3,61	3,61		24	17	
tr K7EMD9	KRT13	Keratin, type I cytoskeletal 13 (Fragment)	19202	618	385	256	1,24	1,24	0,62	18	11	7
sp P00739-	HPR	Isoform 2 of Haptoglobin-related protein	44076	594	428	199	0,54	0,54	0,16	20	14	6
sp P78386	KRT85	Keratin, type II cuticular Hb5	57306	590	461	162	0,32	0,32	0,18	16	10	6
sp Q7Z794	KRT77	Keratin, type II cytoskeletal 1b	62149	571	361	237	0,36	0,36	0,23	23	14	9

sp Q9BYR5	KRTAP4-2	Keratin-associated protein 4-2	17130	569	368	218	1,06	1,06	1,06	15	7	8
sp P01619	sp P01619 KV301_HUMAN	Ig kappa chain V-III region B6	11742	563	452		1,16	1,16		9	6	
sp Q9BYR4	KRTAP4-3	Keratin-associated protein 4-3	24536	549	359	205	0,89	0,67	0,47	18	11	7
sp P19012	KRT15	Keratin, type I cytoskeletal 15	49409	534	279	281	0,47	0,38	0,29	17	10	7
sp P02647	APOA1	Apolipoprotein A-I	30759	534	331	230	1,52	1,27	0,51	25	18	7
sp Q9BYR2	KRTAP4-5	Keratin-associated protein 4-5	23110	503	362	166	0,72	0,5	0,72	19	11	8
sp Q9BYP9-	KRTAP9-9	Isoform 2 of Keratin-associated protein 9-9	21512	500	292	224	5,57	4,68	1,38	27	15	12
sp P01009-	SERPINA1	Isoform 2 of Alpha-1-antitrypsin	40409	438	360	108	0,48	0,48	0,37	19	9	10
sp P02675	FGB	Fibrinogen beta chain	56577	410	321	123	0,57	0,4	0,33	29	16	13
tr C9JM50	KRT19	Keratin, type I cytoskeletal 19 (Fragment)	20831	382	201	210	1,11	0,82	0,56	12	7	5
sp Q9BYR6	KRTAP3-3	Keratin-associated protein 3-3	11441	361	163	234	0,69	0,69	0,69	10	6	4
sp P69905	HBA1	Hemoglobin subunit alpha	15305	355	263	118	1,72	1,72	0,82	13	9	4
sp P0CG05	IGLC2	Ig lambda-2 chain C regions	11458	342	258		1,2	1,2		12	10	
sp P05787-	KRT8	Isoform 2 of Keratin, type II cytoskeletal 8	56573	337	195		0,33	0,25		13	7	

sp P78385	KRT83	Keratin, type II cuticular Hb3	55928	334		176	0,26		0,26	16		10
sp Q3LI72	KRTAP19-5	Keratin-associated protein 19-5	7847	312	168	172	1,09	1,09	1,09	7	4	3
sp P01779	sp P01779 HV318_HUMAN	Ig heavy chain V-III region TUR	12537	270		107	0,27		0,27	4		2
tr A0A087X	KRTAP4-9	Keratin-associated protein 4-9	23399	263	201	84	1,23	0,95	0,49	19	9	10
sp Q9NSB2	KRT84	Keratin, type II cuticular Hb4	65942	254	114		0,21	0,16		12	6	
sp Q7RTS7	KRT74	Keratin, type II cytoskeletal 74	58229	254		169	0,25		0,18	11		6
sp Q86Y46-	KRT73	Isoform 2 of Keratin, type II cytoskeletal 73	42244	254		169	0,35		0,25	11		6
sp Q9BYR8	KRTAP3-1	Keratin-associated protein 3-1	11558	233	159	108	0,69	0,3	0,69	8	3	5
tr Q5T985	ITIH2	Inter-alpha-trypsin inhibitor heavy chain H2	105606	218	163		0,03	0,03		3	2	
tr A0A087W	IGHV3-72	Protein IGHV3-72	11274	217	182	69	0,3	0,3	0,3	4	2	2
sp P60413	KRTAP10-12	Keratin-associated protein 10-12	28680	216	154	91	0,25	0,25	0,25	11	7	4
sp Q15323	KRT31	Keratin, type I cuticular Ha1	48633	194	165	54	0,3	0,22	0,14	8	5	3
sp P02743	APCS	Serum amyloid P-component	25485	192	141	87	0,28	0,28	0,28	9	5	4
sp Q9NSB4	KRT82	Keratin, type II cuticular Hb2	57985	185	109	104	0,18	0,18	0,12	9	5	4
sp Q9BYR7	KRTAP3-2	Keratin-associated protein 3-2	11483	184	93	126	0,69	0,3	0,69	5	2	3

tr A0A075B	IGHM	Ig mu chain C region (Fragment)	50093	159	83	110	0,56	0,21	0,29	15	7	8
tr Q5T3N1	ANXA1	Annexin (Fragment)	22741	156		156	0,15		0,15	2		2
tr H7BXR9	KRTAP4-8	Keratin-associated protein 4-8	19570	155	143	39	0,37	0,37	0,17	9	4	5
sp P01762	sp P01762 HV301_HUMAN	Ig heavy chain V-III region TRO	13578	137	80	91	0,57	0,25	0,57	3	1	2
sp O14556	GAPDHS	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific	44815	136	79	78	0,15	0,15	0,07	5	3	2
sp P19827-	ITIH1	Isoform 2 of Inter-alpha-trypsin inhibitor heavy chain H1	86480	135		92	0,08		0,04	3		2
tr F5H5D3	TUBA1C	Tubulin alpha-1C chain	58606	133		101	0,06		0,06	3		2
sp Q9BYS1	KRTAP1-5	Keratin-associated protein 1-5	20392	133		133	0,84		0,84	9		8
tr B4E1Z4	tr B4E1Z4 B4E1Z4_HUMAN	Uncharacterized protein	143191	132	106	43	0,07	0,05	0,05	4	2	2
sp P36957-	DLST	Isoform 2 of Dihydrolipoyllysine-succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	39585	125	70	78	0,08	0,08	0,08	4	2	2

sp Q969S9-	GFM2	Isoform 2 of Ribosome-releasing factor 2, mitochondrial	81891	121	121		0,04	0,04		2	2	
sp P05109	S100A8	Protein S100-A8	10885	116	116		0,32	0,32		4	3	
sp P81605-	DCD	Isoform 2 of Dermcidin	12520	114	81	55	0,27	0,27	0,27	4	2	2
sp P01616	sp P01616	Ig kappa chain V-II region MIL	12162	92	70	60	0,64	0,64	0,64	7	4	3
	KV203_HUMAN											
tr A0A075B	IGKV2D-28	Protein IGKV2-28 (Fragment)	13062	91	70	58	0,59	0,59	0,26	7	4	3
tr A0A087W	IGKV1D-33	Protein IGKV1-33	11949	86	86		0,29	0,29		1	1	
sp P01593	sp P01593	Ig kappa chain V-I region AG	12099	86	86		0,28	0,28		1	1	
	KV101_HUMAN											
sp Q86SS6	SYT9	Synaptotagmin-9	56894	84	54	59	0,06	0,06	0,06	4	2	2
sp Q8IUG1	KRTAP1-3	Keratin-associated protein 1-3	20850	81		81	0,35		0,35	14		12
sp P02790	HPX	Hemopexin	52385	81	74		0,13	0,13		4	2	
tr H0YKS4	ANXA2	Annexin (Fragment)	19632	79		79	0,17		0,17	1		1
sp P25705-	ATP5A1	Isoform 2 of ATP synthase subunit alpha, mitochondrial	54574	76	55	59	0,06	0,06	0,06	4	2	2
tr J3QRE9	KRT39	Keratin, type I cytoskeletal 39	21416	75	61	51	0,16	0,16	0,16	4	2	2
sp P60709	ACTB	Actin, cytoplasmic 1	42052	74			0,25			7		
tr H0YH81	ATP5B	ATP synthase subunit beta (Fragment)	38226	73	60	42	0,09	0,09	0,09	2	1	1
tr G3V3A0	SERPINA3	Alpha-1-antichymotrypsin	23448	73	73		0,14	0,14		1	1	

sp Q8N1N4-	KRT78	Isoform 2 of Keratin, type II cytoskeletal 78	45560	72	60	30	0,07	0,07	0,07	2	1	1
sp Q5D862	FLG2	Filaggrin-2	249296	71	71		0,01	0,01		2	1	
sp Q8IUC3	KRTAP7-1	Keratin-associated protein 7-1	9624	71		71	0,36		0,36	1		1
sp Q9Y5I4-	PCDHAC2	Isoform Short of Protocadherin alpha-C2	96821	70	57	47	0,03	0,03	0,03	3	2	1
sp O76009	KRT33A	Keratin, type I cuticular Ha3-I	47166	70	70		0,14	0,14		3	3	
tr D6RBJ7	GC	Vitamin D-binding protein	39969	69	69		0,17	0,17		3	2	
tr C4AM86	KRT35	Keratin, type I cuticular Ha5	48816	68	59	46	0,14	0,14	0,07	6	4	2
tr G5E9F8	PROS1	Protein S (Alpha), isoform CRA_b	61914	68		68	0,05		0,05	1		1
tr J3QLI0	APOH	Beta-2-glycoprotein 1 (Fragment)	22960	57		57	0,15		0,15	1		1
sp Q9BV73-	CEP250	Isoform 2 of Centrosome-associated protein CEP250	275069	53	53		0,01	0,01		2	2	
sp P04004	VTN	Vitronectin	55069	52		52	0,06		0,06	2		2
tr H7C5R1	CP	Ceruloplasmin (Fragment)	98335	52		39	0,07		0,03	4		2
tr J3KNF5	CEP290	Centrosomal protein of 290 kDa	291050	52	51	24	0,01	0,01	0,01	3	2	1
tr AOA0A0M	FBXL13	F-box/LRR-repeat protein 13	80219	52	40	39	0,04	0,04	0,04	4	2	2
sp P01625	sp P01625 KV402_HUMAN	Ig kappa chain V-IV region Len	12746	51	51		0,27	0,27		2	1	

sp P0C0S8	HIST1H2AG	Histone H2A type 1	14083	50		40	0,54		0,54	4		3
tr A0A075B	IGLV1-47	Protein IGLV1-47 (Fragment)	12447	49	49		0,28	0,28		1	1	
sp P15924-	DSP	Isoform DPII of Desmoplakin	262237	47	47		0,01	0,01		1	1	
sp Q9UKU6	TRHDE	Thyrotropin-releasing hormone-degrading ectoenzyme	117439	46	46		0,03	0,03		1	1	
sp Q96HU8	DIRAS2	GTP-binding protein Di-Ras2	22813	40	31	29	0,15	0,15	0,15	3	2	1
tr A0A087X	KRTAP19-7	Keratin-associated protein 19-7	7984	39		39	0,44		0,44	1		1
tr F5H274	NLRC5	Protein NLRC5 (Fragment)	8699	38	38		0,4	0,4		1	1	
tr A0A087W	GALC	Galactocerebrosidase (Fragment)	45641	35	35		0,07	0,07		4	2	
tr S4R407	TRIM45	Tripartite motif-containing protein 45 (Fragment)	35304	34	27	22	0,09	0,09	0,09	4	2	2
tr M0QWZ7	SARS2	Serine--tRNA ligase, mitochondrial	58602	34	26	25	0,12	0,06	0,06	4	3	1
sp Q5JXC2-	MIIP	Isoform 2 of Migration and invasion-inhibitory protein	40123	32	32		0,08	0,08		1	1	

tr I3L3K4	KCTD13	BTB/POZ domain- containing adapter for CUL3- mediated RhoA degradation protein 1 (Fragment)	9314	32	32		0,37	0,37	1	1
sp P01008	SERPINC1	Antithrombin-III	53025	30	30		0,06	0,06	1	1
sp P04003	C4BPA	C4b-binding protein alpha chain	69042	30	30		0,05	0,05	1	1
sp Q9P219	CCDC88C	Protein Daple	229231	30	30		0,01	0,01	3	2
sp P01765	sp P01765 HV304_HUM AN	Ig heavy chain V- III region TIL	12462		194			0,28		2
tr F8VQQ4	TUBA1A	Tubulin alpha-1A chain (Fragment)	24377		50			0,14		1
sp POC0S5	H2AFZ	Histone H2A.Z	13545		32			0,25		1
tr I3L1U9	ACTG1	Actin, cytoplasmic 2, N-terminally processed (Fragment)	23887		29			0,14		3
sp A0M8Q6	IGLC7	Ig lambda-7 chain C region	11467		121			0,3		2
sp A5A3E0	POTEF	POTE ankyrin domain family member F	123020		73			0,05		4
tr HOYFX9	H2AFJ	Histone H2A (Fragment)	9970		43			0,35		1
