

Supplementary Table

ID	Uniprot accession key	Protein Descriptions	PEP	Unique Sequence Coverage [%]	Total protein raw intensity	Unique Peptides			Fold change (log2) vs. NIA	
						NIA	PsA	RA	PsA	RA
129	P04114	Apolipoprotein B-100	0	66.9	33319000000	128	313	254	2.19	3.01
107	P02671	Fibrinogen alpha chain	0	57.6	13475500000	36	50	54	1.48	1.83
102	P02649	Apolipoprotein E	0	87.1	11319700000	34	33	41	-0.80	0.85
63	P01024	Complement C3	0	72.9	7251850000	54	113	90	2.62	1.17
109	P02679	Fibrinogen gamma chain	0	69.1	6985790000	17	33	29	1.87	2.94
118	P02749	Beta-2-glycoprotein 1	0	59.4	6503100000	23	24	25	-0.94	-1.77
10	P02768	Isoform 1 of Serum albumin precursor	0	77.5	5997730000	50	42	42	-2.34	-1.44
321	Q14624	Inter-alpha-trypsin inhibitor heavy chain H4	0	57.8	5569460000	24	39	45	1.50	3.37
108	P02675	Fibrinogen beta chain	0	78.4	5516940000	15	42	35	3.02	4.63
5	P00761	Trypsin - Sus scrofa (Pig)	1.92E-104	29.4	4859100000	5	5	5	-1.05	-0.28
177	P08603	Complement factor H	0	56.7	4508540000	35	60	38	1.95	0.47
101	P02647	Apolipoprotein A-I	0	82	4339210000	29	38	37	1.90	1.73
94	P01834	Ig kappa chain C region	8.02E-217	88.7	4185300000	7	8	7	-0.27	-1.59
95	P01857	Ig gamma-1 chain C region	2.47E-267	27.9	3658490000	6	5	6	-1.40	-1.58
119	P02751	Fibronectin	0	40.4	3299100000	44	78	48	1.44	0.40
182	P0C0L4	Complement C4-A	0	1.5	3087370000	0	1	1	2.65	0.43
123	P02774	Vitamin D-binding protein	0	69.6	2952070000	30	28	23	-0.12	-3.79
97	P01860	Ig gamma-3 chain C region	1.88E-128	32.4	2268190000	4	8	6	1.40	-0.33
217	P19823	Inter-alpha-trypsin inhibitor heavy chain H2	5.98E-288	35.9	1985560000	7	30	29	2.17	2.78
59	P01009	Alpha-1-antitrypsin	0	67.9	1847070000	30	19	24	-4.14	0.04
64	P01031	Complement C5	0	31.7	1632190000	14	48	23	3.74	0.54
58	P01008	Antithrombin-III	1.05E-246	55.6	1589153000	27	16	24	-5.29	-1.59
131	P04196	Histidine-rich glycoprotein	8.35E-112	29.9	1443222000	6	14	14	-1.98	1.27
67	P01042	Isoform LMW of Kininogen-1	7.02E-270	3	1408534000	1	0	1	0.35	2.79
57	P00751	Complement factor B	0	50.1	1390885000	11	40	34	3.74	2.46
265	P36955	Pigment epithelium-derived factor	9.72E-217	50.5	1329367000	15	16	21	2.36	2.29
185	P0CG04	Ig lambda-1 chain C regions	6.56E-228	27.4	1024020000	1	2	1	1.20	0.34
306	Q03591	Complement factor H-related protein 1	8.41E-167	9.4	974710000	1	2	3	2.64	3.64
120	P02760	Protein AMBP	3.11E-207	47.2	869570000	7	12	17	0.65	3.36
164	P07225	Vitamin K-dependent protein S	2.41E-283	48.4	843407000	18	28	24	2.81	2.39
128	P04004	Vitronectin	5.04E-129	32	762174000	13	11	14	-3.00	0.07
218	P19827	Inter-alpha-trypsin inhibitor heavy chain H1	0	29.5	730679300	3	13	20	5.65	7.85
352	Q961Y4	Carboxypeptidase B2	2.95E-075	34.8	676449000	10	10	11	-0.42	3.69
99	P01871	Isoform 2 of Ig mu chain C region	8.76E-129	14.6	635432000	6	5	3	-1.87	-1.50
103	P02652	Apolipoprotein A-II	1.33E-133	69	625733000	7	7	6	-2.55	-1.92
149	P05155	Plasma protease C1 inhibitor	1.34E-176	35.2	614830000	13	19	13	1.10	-0.04
137	P04264	Keratin, type II cytoskeletal 1	0	26.4	596040000	17	13	18	-0.58	0.69
335	Q16610	Isoform 4 of Extracellular matrix protein 1	6.14E-215	49.9	557716000	20	17	25	-0.54	2.18
117	P02748	Complement component C9	2.18E-164	28.1	552511700	6	16	14	0.55	5.09
190	P10909	Isoform 2 of Clusterin	1.29E-180	33.5	546599000	16	17	18	-2.24	-0.51
245	P27169	Serum paraoxonase/arylesterase 1	3.11E-283	48.5	479060000	11	13	13	0.60	0.14
201	P13671	Complement component C6	1.71E-294	43.6	472105000	5	31	20	4.69	1.63
248	P29622	Kallistatin	9.96E-215	41.5	461469000	9	15	15	0.94	3.93
100	P01876	Ig alpha-1 chain C region	1.48E-066	39.4	397430000	6	12	8	0.22	-1.07
266	P36980	Complement factor H-related protein 2	4.37E-113	20	370126000	4	5	5	2.68	3.82
148	P05154	Plasma serine protease inhibitor	2.43E-240	36	325857000	13	8	10	-4.45	-2.45
196	P12259	Coagulation factor V	1.44E-120	11.1	322517100	9	13	19	-1.69	2.41
167	P07358	Complement component C8 beta chain	1.39E-065	30.3	317914400	2	17	13	6.60	7.15
145	P05090	Apolipoprotein D	1.02E-099	39.2	300100100	8	11	9	4.18	4.48
161	P06727	Apolipoprotein A-IV	2.17E-161	55.8	294217000	18	18	15	-1.61	-2.66
354	Q96PD5	N-acetylmuramoyl-L-alanine amidase	1.15E-099	29.3	293711600	1	10	9	4.32	5.88
127	P04003	C4b-binding protein alpha chain	1.50E-190	40.4	279889000	5	23	13	3.14	-0.14
80	P01620	Ig kappa chain V-III region SIE	1.63E-064	16.5	244591000	1	1	1	-1.11	-0.85
50	P00736	Complement C1r subcomponent	4.52E-100	32.6	235247000	2	11	17	1.53	2.43
115	P02746	Complement C1q subcomponent subunit B	1.30E-148	44.7	228018600	4	8	8	5.72	3.23
262	P35858	Insulin-like growth factor-binding protein complex acid labile subunit	5.91E-142	34.4	224751800	13	7	11	-4.41	-1.80

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						NIA	PsA	RA	PsA	RA
329	Q15485	Ficolin-2	4.48E-159	38	221241000	4	4	8	-1.31	1.39
96	P01859	Ig gamma-2 chain C region	2.89E-112	10.1	209854000	2	2	2	-0.75	-4.30
281	P55058	Phospholipid transfer protein	5.33E-132	31.4	202720000	3	7	13	1.14	2.79
151	P05452	Tetranectin	2.40E-169	58.9	198839000	11	9	9	-1.26	-0.71
159	P06681	Complement C2	3.51E-202	33.8	195246830	1	23	6	8.67	4.80
348	Q92954	Proteoglycan 4	6.23E-104	9.5	182893300	2	7	9	-3.06	-0.18
186	P0CG05	Ig lambda-2 chain C regions	1.45E-184	9.4	174835000	1	1	1	0.44	-0.80
56	P00748	Coagulation factor XII	1.49E-070	28.1	174075000	2	9	7	1.92	2.31
305	Q02985	Complement factor H-related protein 3	5.67E-027	17.9	169628000	6	4	6	-1.67	-1.09
60	P01011	Alpha-1-antichymotrypsin	4.36E-223	41.8	161959000	11	12	7	-0.31	0.93
13	P13645	Keratin, type I cytoskeletal 10	5.51E-304	37.3	153069000	17	10	13	-0.98	-0.23
263	P35908	Keratin, type II cytoskeletal 2 epidermal	0	28.8	149947000	13	6	9	-1.33	-0.43
114	P02745	Complement C1q subcomponent subunit A	4.17E-074	29.8	140490660	3	9	4	7.17	5.23
276	P49908	Selenoprotein P	8.18E-035	22	128906900	10	5	7	-3.28	-0.27
34	O43866	CD5 antigen-like	1.39E-060	42.4	118885500	5	5	10	-1.47	2.28
116	P02747	Complement C1q subcomponent subunit C	5.42E-081	35.5	117207200	3	7	3	6.21	0.83
152	P05546	Heparin cofactor 2	9.08E-018	20.8	114173700	2	10	7	0.76	2.36
207	P15169	Carboxypeptidase N catalytic chain	2.25E-143	36.2	112933300	3	7	11	3.13	5.19
15	P35527	Keratin, type I cytoskeletal 9	3.57E-226	29.1	105675000	12	10	13	-0.71	0.60
51	P00738	Haptoglobin	7.88E-043	13.8	97428000	6	5	4	-0.49	-0.49
174	P08514	Integrin alpha-IIb	1.77E-114	21.8	95956500	3	16	3	4.57	-0.51
296	P68032	Actin, alpha cardiac muscle 1	9.30E-123	4.2	92575700	1	1	1	4.98	1.54
42	O95445	Apolipoprotein M	7.00E-046	44.1	87682000	8	8	7	-0.42	-1.20
347	Q92820	Gamma-glutamyl hydrolase	2.53E-054	21.7	83034000	5	6	4	0.79	-1.18
140	P04406	Glyceraldehyde-3-phosphate dehydrogenase	1.67E-177	36.7	81924630	1	9	8	8.93	5.89
69	P01591	Immunoglobulin J chain	7.56E-072	41.5	81268800	6	1	5	-5.09	-4.33
30	O14950	Myosin regulatory light chain 12B	9.15E-179	24.4	80249700	4	2	2	-1.11	-4.14
82	P06314	Ig kappa chain V-IV region B17	7.95E-075	13.4	79060000	1	1	1	0.52	-1.12
234	P22792	Carboxypeptidase N subunit 2	2.99E-052	18.3	76937700	2	5	7	-0.50	1.45
315	Q13201	Multimerin-1	1.99E-108	8.1	73419600	3	2	7	-5.49	-2.19
146	P05106	Integrin beta-3	1.87E-171	32.5	69254900	14	18	8	4.65	4.24
91	P01766	Ig heavy chain V-III region BRO	7.63E-094	25	67257700	2	1	0	-5.49	-4.84
29	O14791	Isoform 2 of Apolipoprotein L1	2.40E-040	19.1	64733700	8	3	6	-4.08	-2.80
170	P07996	Thrombospondin-1	2.23E-133	15.9	60777000	4	11	11	2.80	4.60
126	P03952	Plasma kallikrein	2.96E-094	30.4	60388650	2	13	15	4.66	5.96
78	P06309	Ig kappa chain V-II region GM607 (Fragment)	6.51E-048	31.6	60335400	2	2	1	-0.41	-3.50
54	P00746	Complement factor D	1.61E-036	47.8	51434300	4	6	9	2.44	3.05
223	P20851	C4b-binding protein beta chain	2.08E-181	26.2	51094800	3	4	4	-2.42	-1.92
328	Q15404	Ras suppressor protein 1	3.28E-062	31	50578720	1	6	7	6.75	4.21
106	P02656	Apolipoprotein C-III	2.19E-098	55.6	50533200	3	4	3	2.05	-1.12
52	P00739	Isoform 2 of Haptoglobin-related protein	9.22E-076	19.2	45589200	1	3	4	0.14	1.84
212	P17936	Insulin-like growth factor-binding protein 3	2.78E-066	38.5	41893400	4	4	8	0.29	1.19
150	P05156	Complement factor I	1.77E-021	12.3	41842599	1	7	5	8.74	8.03
130	P04179	Superoxide dismutase [Mn], mitochondrial	2.63E-095	43.2	41682500	5	7	4	1.15	-3.90
72	P01598	Ig kappa chain V-I region EU	8.56E-095	26.9	41636000	2	1	2	1.72	-1.02
280	P55056	Apolipoprotein C-IV	3.22E-041	33.9	41628000	4	3	4	0.16	-0.54
53	P00740	Coagulation factor IX	8.68E-042	18.7	38846060	4	2	5	-2.50	3.51
346	Q92736	Isoform 2 of Ryanodine receptor 2	0.0061799	0.3	37329700	1	1	1	-0.28	0.10
122	P02766	Transferrin	4.79E-028	49	37119200	4	2	1	-2.71	-4.95
360	Q9BXR6	Complement factor H-related protein 5	1.57E-031	10	36809443	2	3	5	-1.55	6.40
340	Q86U17	Serpin A11	2.23E-015	11.6	35455082	1	1	4	-4.30	5.09
86	P01714	Ig lambda chain V-III region SH	3.54E-079	34.3	34134200	3	3	3	3.42	0.43
267	P39060	Collagen alpha-1(XVIII) chain	1.35E-071	5	32195730	1	2	9	2.29	7.79
337	Q6Q788	Apolipoprotein A-V	4.52E-070	36.9	29870900	5	3	9	-1.24	0.82
105	P02655	Apolipoprotein C-II	2.54E-028	34.7	28261230	3	1	2	-4.80	0.46
243	P26927	Hepatocyte growth factor-like protein	1.56E-071	15.8	27996300	5	10	5	4.61	1.12

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298	P68871	Hemoglobin subunit beta	3.6731E-010	27.2	27765400	3	3	4	0.14	0.53
98	P01861	Ig gamma-4 chain C region	2.74E-142	17.7	27659400	0	2	3	1.09	-0.39
132	P04207	Ig kappa chain V-III region CLL	9.7806E-007	19.4	27659100	2	2	1	0.52	-3.40
367	Q9NQ79	Cartilage acidic protein 1	1.31E-035	15.7	27398999	2	3	6	-1.74	5.47
113	P02743	Serum amyloid P-component	2.61E-048	25.6	27204270	1	6	5	6.96	3.85
333	Q15907	Ras-related protein Rab-11B	2.58E-049	40.8	26823350	1	10	7	7.50	3.11
216	P19652	Alpha-1-acid glycoprotein 2	0.000012119	5	25496930	1	1	1	-3.93	-0.94
373	Q9UJJ9	N-acetylglucosamine-1-phosphotransferase subunit gamma	1.13E-018	14.4	25417300	1	1	3	1.17	5.73
24	O00194	Ras-related protein Rab-27B	1.20E-073	39.4	25394700	6	7	6	2.89	-0.34
379	Q9Y490	Talin-1	5.53E-156	13.4	25368130	3	22	8	5.14	4.28
81	P01621	Ig kappa chain V-III region NG9 (Fragment)	0.000013192	9	24916680	1	1	1	-0.44	-6.33
302	P80748	Ig lambda chain V-III region LOI	1.39E-031	29.7	22927500	2	2	2	0.96	-0.95
284	P60660	Myosin light polypeptide 6	2.32E-052	48.3	22653300	6	5	4	-0.54	-3.52
259	P35542	Serum amyloid A-4 protein	4.55E-015	40.8	20263800	4	5	4	3.53	1.79
133	P04208	Ig lambda chain V-I region WAH	7.8895E-006	2.4	19557900	1	1	1	3.21	-0.43
74	P01610	Ig kappa chain V-I region WEA	2.53E-089	10.1	18666500	0	1	0	-0.73	-3.04
293	P63104	14-3-3 protein zeta/delta	8.62E-166	13.9	18465850	1	3	6	4.24	5.81
312	Q08722	Leukocyte surface antigen CD47	0.0014197	51	15958950	2	1	1	0.08	-4.05
85	P06316	Ig lambda chain V-I region BL2	0.000028096	5.3	15925200	1	1	1	1.52	-0.33
241	P24844	Myosin regulatory light polypeptide 9	1.27E-154	6.2	15202030	3	2	1	-2.60	-4.86
295	P67936	Tropomyosin alpha-4 chain	2.45E-023	23.8	13557620	1	2	7	0.27	3.35
188	P04222	HLA class I histocompatibility antigen, Cw-3 alpha chain	1.72E-046	18.1	12642340	1	2	2	4.18	0.65
343	Q8N2E2	von Willebrand factor D and EGF domain-containing protein	0.019833	6.8	12323530	1	1	1	2.97	1.23
229	P21926	CD9 antigen	2.89E-021	0.6	12245800	3	3	3	-0.32	-2.89
236	P23497	Isoform Sp100-C of Nuclear autoantigen Sp-100	0.0013484	9.6	11682180	1	1	1	3.41	5.82
221	P20340	Ras-related protein Rab-6A	1.71E-035	1	11639880	0	3	0	4.75	0.20
121	P02763	Alpha-1-acid glycoprotein 1	9.04E-032	10.6	11215100	1	1	1	0.64	0.08
158	P06576	ATP synthase subunit beta, mitochondrial	7.43E-105	7	11095500	7	6	2	-1.65	-1.48
28	O14786	Neuropilin-1	9.43E-019	25.1	10197984	1	1	3	3.95	6.29
147	P05109	Protein S100-A8	7.20E-078	4.9	9229000	1	2	1	0.16	-0.05
277	P49913	Cathelicidin antimicrobial peptide	0.00011058	34.4	8982680	1	2	2	5.12	3.30
303	P81605	Dermcidin	5.47E-021	12.9	8114510	4	2	3	-3.07	-2.12
16	P48668	Keratin, type II cytoskeletal 6C	1.29E-106	35.5	7447490	0	0	0	-1.78	2.02
7	P02533	Keratin, type I cytoskeletal 14	4.62E-059	0	6647250	1	0	3	-1.10	1.05
104	P02654	Apolipoprotein C-I	5.677E-012	7.6	5562980	3	2	2	-2.00	-2.96
160	P06702	Protein S100-A9	1.55E-080	26.5	5081070	3	3	2	-0.79	-0.13
211	P16671	Platelet glycoprotein 4	4.17E-047	43.9	4941890	5	1	1	-2.05	-0.63
162	P06733	Alpha-enolase	1.46E-016	9.7	4671200	1	2	2	0.37	-1.19
142	P04433	Ig kappa chain V-III region VG (Fragment)	0.00021699	11.5	4587040	1	1	1	0.35	3.06
278	P50552	Vasodilator-stimulated phosphoprotein	8.80E-018	18.6	4133200	1	3	3	1.51	3.22
289	P61626	Lysozyme C	3.03E-041	13.9	2844220	1	1	3	-1.38	0.09
180	P09493	Isoform 3 of Tropomyosin alpha-1 chain	4.8959E-012	23	2394020	1	3	1	3.61	0.08
47	P00450	Ceruloplasmin	4.8603E-009	9.2	2383190	2	1	1	-3.20	-3.44
253	P30101	Protein disulfide-isomerase A3	2.5578E-007	2.3	2036940	2	1	1	-3.99	-1.19
325	Q15058	Kinesin-like protein KIF14	0.011453	4.6	1385160	1	1	1	-1.91	-2.89
44	O95810	Serum deprivation-response protein	6.37E-058	0.7	745458	2	1	2	-0.48	1.60