

Normal vs DS

#	Identified Proteins	Accession Number	Molecular Weight
END OF FILE	Gene_Symbol=ALB Isoform 1 of Serum albumin precursor	IPI00745872	69 kDa
2	Gene_Symbol=TF Serotransferrin precursor	IPI00022463	77 kDa
3	Gene_Symbol=FN1 Isoform 1 of Fibronectin precursor	IPI00022418 (+1)	263 kDa
4	Gene_Symbol=SERPINA1 Isoform 1 of Alpha-1-antitrypsin precursor	IPI00553177	47 kDa
5	Gene_Symbol=C3 Complement C3 precursor (Fragment)	IPI00783987	187 kDa
6	Gene_Symbol=AMBP AMBP protein precursor	IPI00022426	39 kDa
7	Gene_Symbol=CP Ceruloplasmin precursor	IPI00017601	122 kDa
8	Gene_Symbol=GC Vitamin D-binding protein precursor	IPI00555812	53 kDa
9	Gene_Symbol=LUM Lumican precursor	IPI00020986	38 kDa
10	Gene_Symbol=IGFBP1 Insulin-like growth factor-binding protein 1 precursor	IPI00031086	28 kDa
11	Gene_Symbol=AGT Angiotensinogen precursor	IPI00032220	53 kDa
12	Gene_Symbol=APOA1 Apolipoprotein A-I precursor	IPI00021841	31 kDa
13	Gene_Symbol=AFP Alpha-fetoprotein precursor	IPI00022443	69 kDa
14	Gene_Symbol=IGHM IGHM protein	IPI00472610	53 kDa
15	Gene_Symbol=COL1A1 Collagen alpha-1(I) chain precursor	IPI00297646	139 kDa
16	Gene_Symbol=A1BG Alpha-1B-glycoprotein precursor	IPI00022895	54 kDa
17	Gene_Symbol=SERPINA3 Isoform 1 of Alpha-1-antichymotrypsin precursor	IPI00847635	48 kDa
18	Gene_Symbol=KNG1 Isoform HMW of Kininogen-1 precursor	IPI00032328 (+2)	72 kDa
19	Gene_Symbol=SERPINC1 Antithrombin III variant	IPI00032179	53 kDa
20	Gene_Symbol=AZGP1 alpha-2-glycoprotein 1, zinc	IPI00166729	34 kDa
21	Gene_Symbol=COL6A3 alpha 3 type VI collagen isoform 1 precursor	IPI00022200	344 kDa
22	Gene_Symbol=C4B complement component 4B preproprotein	IPI00418163 (+2)	193 kDa
23	Gene_Symbol=TGFB1 Transforming growth factor-beta-induced protein	IPI00018219	75 kDa
24	Gene_Symbol=ORM1 Alpha-1-acid glycoprotein 1 precursor	IPI00022429 (+1)	24 kDa
25	Gene_Symbol=PAEP Progesterone-associated endometrial protein	IPI00514756	16 kDa
26	Gene_Symbol=HSPG2 Basement membrane-specific heparan sulfate	IPI00024284	469 kDa
27	Gene_Symbol=ANPEP Aminopeptidase N	IPI00221224	110 kDa
28	Gene_Symbol=HPX Hemopexin precursor	IPI00022488	52 kDa
29	Gene_Symbol=AHSG Alpha-2-HS-glycoprotein precursor	IPI00022431	39 kDa
30	Gene_Symbol=COL6A1 Collagen alpha-1(VI) chain precursor	IPI00291136	109 kDa
31	Gene_Symbol=APOH Beta-2-glycoprotein 1 precursor	IPI00298828	38 kDa
32	Gene_Symbol=FCGBP IgGfC-binding protein precursor	IPI00242956	572 kDa
33	Gene_Symbol=CFB Isoform 1 of Complement factor B precursor (Fragment)	IPI00019591	86 kDa
34	Gene_Symbol=SERPINF1 Pigment epithelium-derived factor precursor	IPI00006114	46 kDa
35	Gene_Symbol=POSTN Isoform 1 of Periostin precursor	IPI00007960	93 kDa
36	Gene_Symbol=IGHV3OR16-13;IGHA1 IGH A1 protein	IPI00166866	53 kDa
37	Gene_Symbol=A2M Alpha-2-macroglobulin precursor	IPI00478003	163 kDa
38	Gene_Symbol=GSN gelsolin isoform c	IPI00647556	82 kDa
39	Gene_Symbol=COL3A1 Isoform 1 of Collagen alpha-1(III) chain precursor	IPI00021033	139 kDa
40	Gene_Symbol=VTN Vitronectin precursor	IPI00298971	54 kDa
41	Gene_Symbol=COL5A1 184 kDa protein	IPI00477611 (+1)	184 kDa
42	Gene_Symbol=PLG Plasminogen precursor	IPI00019580	91 kDa
43	Gene_Symbol=ITIH4 100 kDa protein	IPI00896413 (+1)	100 kDa
44	Gene_Symbol=FBLN1 Isoform B of Fibulin-1 precursor	IPI00218803 (+1)	77 kDa
45	Gene_Symbol=HP Haptoglobin precursor	IPI00641737	47 kDa

46	Gene_Symbol=APOA2 Apolipoprotein A-II precursor	IPI00021854	11 kDa
47	Gene_Symbol=RBP4 Plasma retinol-binding protein precursor	IPI00022420 (+2)	23 kDa
48	Gene_Symbol=AFM Afamin precursor	IPI00019943	69 kDa
49	Gene_Symbol=HRG Histidine-rich glycoprotein precursor	IPI00022371	60 kDa
50	Gene_Symbol=SI Sucrase-isomaltase, intestinal	IPI00221101	209 kDa
51	Gene_Symbol=HBB Hemoglobin subunit beta	IPI00654755	16 kDa
52	Gene_Symbol=IGHG3 Ig gamma-3 chain C region	IPI00827754 (+3)	41 kDa
53	Gene_Symbol=APOA4 Apolipoprotein A-IV precursor	IPI00304273 (+1)	45 kDa
54	Gene_Symbol=IGL@ IGL@ protein	IPI00154742 (+1)	25 kDa
55	Gene_Symbol=SERPING1 Plasma protease C1 inhibitor precursor	IPI00291866 (+1)	55 kDa
56	Gene_Symbol=B2M B2M protein	IPI00796379	14 kDa
57	Gene_Symbol=CD14 Monocyte differentiation antigen CD14 precurs	IPI00029260	40 kDa
58	Gene_Symbol=CLU Clusterin precursor	IPI00291262 (+1)	52 kDa
59	Gene_Symbol=COL1A2 Collagen alpha-2(I) chain precursor	IPI00304962 (+1)	129 kDa
60	Gene_Symbol=IGHG2 Putative uncharacterized protein DKFZp686I04	IPI00399007	46 kDa
61	Gene_Symbol=ORM2 Alpha-1-acid glycoprotein 2 precursor	IPI00020091	24 kDa
62	Gene_Symbol=PTGDS Prostaglandin-H2 D-isomerase precursor	IPI00013179 (+1)	21 kDa
63	Gene_Symbol=ACTB Actin, cytoplasmic 1	IPI00021439 (+2)	42 kDa
64	Gene_Symbol=EFEMP1 Isoform 1 of EGF-containing fibulin-like extra	IPI00029658 (+3)	55 kDa
65	Gene_Symbol=IGFBP3 Insulin-like growth factor-binding protein 3 pr	IPI00018305 (+1)	32 kDa
66	Gene_Symbol=TTR Transthyretin precursor	IPI00022432 (+1)	16 kDa
67	Gene_Symbol=LRG1 Leucine-rich alpha-2-glycoprotein precursor	IPI00022417	38 kDa
68	Gene_Symbol=CFH Isoform 1 of Complement factor H precursor	IPI00029739	139 kDa
69	Gene_Symbol=SPARC SPARC precursor	IPI00014572	35 kDa
70	Gene_Symbol=SHBG Isoform 1 of Sex hormone-binding globulin pre	IPI00023019	44 kDa
71	Gene_Symbol=CFI Complement factor I precursor	IPI00291867 (+1)	66 kDa
72	Gene_Symbol=APOB Apolipoprotein B-100 precursor	IPI00022229	516 kDa
73	Gene_Symbol=ANXA1 Annexin A1	IPI00218918	39 kDa
74	Gene_Symbol=PRL Prolactin	IPI00000871 (+2)	26 kDa
75	Gene_Symbol=DCN Isoform A of Decorin precursor	IPI00012119	40 kDa
76	Gene_Symbol=LGALS3BP Galectin-3-binding protein precursor	IPI00023673	65 kDa
77	Gene_Symbol=IGFBP2 Insulin-like growth factor-binding protein 2 pr	IPI00297284	35 kDa
78	Gene_Symbol=THBS1 Thrombospondin-1 precursor	IPI00296099	129 kDa
79	Gene_Symbol=TNXB 456 kDa protein	IPI00644296 (+3)	456 kDa
80	Gene_Symbol=F2 Prothrombin precursor (Fragment)	IPI00019568	70 kDa
81	Gene_Symbol=COL12A1 Isoform 4 of Collagen alpha-1(XII) chain pre	IPI00302944 (+1)	325 kDa
82	Gene_Symbol=LTBP1 latent transforming growth factor beta binding	IPI00302679 (+2)	153 kDa
83	Gene_Symbol=DMBT1 Isoform 1 of Deleted in malignant brain tumo	IPI00099110 (+7)	261 kDa
84	Gene_Symbol=SERPINA7 Thyroxine-binding globulin precursor	IPI00292946	46 kDa
85	Gene_Symbol=PLTP Isoform 1 of Phospholipid transfer protein prec	IPI00643034	55 kDa
86	Gene_Symbol=QSOX1 Isoform 1 of Sulfhydryl oxidase 1 precursor	IPI00003590	83 kDa
87	Gene_Symbol=C9 Complement component C9 precursor	IPI00022395	63 kDa
88	Gene_Symbol=FGA Isoform 1 of Fibrinogen alpha chain precursor	IPI00021885	95 kDa
89	Gene_Symbol=MEP1A Meprin A subunit alpha precursor	IPI00004372	84 kDa
90	Gene_Symbol=ECM1 Extracellular matrix protein 1 precursor	IPI00003351 (+1)	61 kDa
91	Gene_Symbol=FGB Fibrinogen beta chain precursor	IPI00298497	56 kDa
92	Gene_Symbol=PCOLCE Procollagen C-endopeptidase enhancer 1 pre	IPI00299738	48 kDa

93	Gene_Symbol=MUC5AC Mucin-5AC precursor (Fragment)	IPI00103397	527 kDa
94	Gene_Symbol=IGFALS Insulin-like growth factor-binding protein com	IPI00020996	66 kDa
95	Gene_Symbol=FSTL1 Follistatin-related protein 1 precursor	IPI00029723	35 kDa
96	Gene_Symbol=SPP1 secreted phosphoprotein 1 isoform b	IPI00306339	34 kDa
97	Gene_Symbol=ANXA2 annexin A2 isoform 1	IPI00418169 (+1)	40 kDa
98	Gene_Symbol=TIMP1 Metalloproteinase inhibitor 1 precursor	IPI00032292	23 kDa
99	Gene_Symbol=SERPIND1 Serpin peptidase inhibitor, clade D (Heparin	IPI00292950 (+1)	60 kDa
100	Gene_Symbol=IGFBP7 Insulin-like growth factor-binding protein 7 pr	IPI00016915	29 kDa
101	Gene_Symbol=SERPINF2 SERPINF2 protein	IPI00029863 (+1)	55 kDa
102	Gene_Symbol=PRG2 Bone marrow proteoglycan precursor	IPI00010341 (+1)	25 kDa
103	Gene_Symbol=PGLYRP2 Isoform 1 of N-acetylmuramoyl-L-alanine ar	IPI00163207 (+1)	62 kDa
104	Gene_Symbol=VASN Vasorin precursor	IPI00395488	72 kDa
105	Gene_Symbol=HBA2;HBA1 Hemoglobin subunit alpha	IPI00410714	15 kDa
106	Gene_Symbol=APOD Apolipoprotein D precursor	IPI00006662	21 kDa
107	Gene_Symbol=FETUB Fetuin-B precursor	IPI00743766	42 kDa
108	Gene_Symbol=FGG Isoform Gamma-B of Fibrinogen gamma chain pr	IPI00021891 (+3)	52 kDa
109	Gene_Symbol=ISLR Immunoglobulin superfamily containing leucine-	IPI00023648	46 kDa
110	Gene_Symbol=ALB Uncharacterized protein ALB	IPI00022434	72 kDa
111	Gene_Symbol=LAMC1 Laminin subunit gamma-1 precursor	IPI00298281	178 kDa
112	Gene_Symbol=RNASE1 Ribonuclease pancreatic precursor	IPI00014048	18 kDa
113	Gene_Symbol=C5 Complement C5 precursor	IPI00032291	188 kDa
114	Gene_Symbol=MMP2 72 kDa type IV collagenase precursor	IPI00027780	74 kDa
115	Gene_Symbol=ITIH2 Inter-alpha-trypsin inhibitor heavy chain H2 pre	IPI00305461 (+1)	106 kDa
116	Gene_Symbol=ITIH1 Inter-alpha-trypsin inhibitor heavy chain H1 pre	IPI00292530	101 kDa
117	Gene_Symbol=C7 Complement component C7 precursor	IPI00296608	94 kDa
118	Gene_Symbol=FAM3C Protein FAM3C precursor	IPI00334282	25 kDa
119	Gene_Symbol=SERPINA4 Kallistatin precursor	IPI00328609	49 kDa
120	Gene_Symbol=C6 Complement component 6 precursor	IPI00879709	106 kDa
121	Gene_Symbol=NID1 Isoform 1 of Nidogen-1 precursor	IPI00026944 (+1)	136 kDa
122	Gene_Symbol=MSLN Isoform 2 of Mesothelin precursor	IPI00025110 (+2)	68 kDa
123	Gene_Symbol=CD248 Isoform 1 of Endosialin precursor	IPI00006971	81 kDa
124	Gene_Symbol=LAMB1 Laminin subunit beta-1 precursor	IPI00013976	198 kDa
125	Gene_Symbol=LCN2 Neutrophil gelatinase-associated lipocalin precu	IPI00299547 (+1)	23 kDa
126	Gene_Symbol=CDH1 Epithelial cadherin precursor	IPI00025861 (+1)	97 kDa
127	Gene_Symbol=NID2 Nidogen-2 precursor	IPI00028908	151 kDa
128	Gene_Symbol=SERPINA6 Corticosteroid-binding globulin precursor	IPI00027482	45 kDa
129	Gene_Symbol=FSTL3 Follistatin-related protein 3 precursor	IPI00025155	28 kDa
130	Gene_Symbol=COMP Cartilage oligomeric matrix protein precursor	IPI00028030 (+1)	83 kDa
131	Gene_Symbol=BTD biotinidase precursor	IPI00218413 (+1)	61 kDa
132	Gene_Symbol=COL15A1 Collagen alpha-1(XV) chain precursor	IPI00295414	142 kDa
133	Gene_Symbol=LBP Lipopolysaccharide-binding protein precursor	IPI00032311	53 kDa
134	Gene_Symbol=C2 Complement C2 precursor (Fragment)	IPI00303963	83 kDa
135	Gene_Symbol=NOV Protein NOV homolog precursor	IPI00011140	39 kDa
136	Gene_Symbol=FBLN2 Fibulin-2 precursor	IPI00023824 (+1)	127 kDa
137	Gene_Symbol=DSG2 Desmoglein-2 precursor	IPI00028931	122 kDa
138	Gene_Symbol=EZR Ezrin	IPI00746388 (+2)	69 kDa
139	Gene_Symbol=CGB5;CGB7;CGB8;CGB Choriogonadotropin subunit b	IPI00000870 (+4)	18 kDa

140	Gene_Symbol=WFC2 Isoform 1 of WAP four-disulfide core domain	IPI00291488	13 kDa
141	Gene_Symbol=TNC Isoform 1 of Tenascin precursor	IPI00031008 (+1)	241 kDa
142	Gene_Symbol=DAG1 Dystroglycan precursor	IPI00028911	98 kDa
143	Gene_Symbol=LAMA2 laminin alpha 2 subunit isoform b precursor	IPI00218725 (+1)	344 kDa
144	Gene_Symbol=LMAN2 Vesicular integral-membrane protein VIP36 p	IPI00009950	40 kDa
145	Gene_Symbol=OGN Mimecan precursor	IPI00025465	34 kDa
146	Gene_Symbol=CDH11 Isoform 2 of Cadherin-11 precursor	IPI00293539 (+1)	76 kDa
147	Gene_Symbol=AGRN Agrin precursor	IPI00374563	215 kDa
148	Gene_Symbol=SFTPb Pulmonary surfactant-associated protein B pre	IPI00296083	43 kDa
149	Gene_Symbol=FBN1 Fibrillin-1 precursor	IPI00328113	312 kDa
150	Gene_Symbol=CLEC3B Putative uncharacterized protein DKFZp686H	IPI00792115	18 kDa
151	Gene_Symbol=MUC5B mucin 5, subtype B, tracheobronchial	IPI00855918 (+1)	597 kDa
152	Gene_Symbol=YWHAZ 14-3-3 protein zeta/delta	IPI00021263 (+1)	28 kDa
153	Gene_Symbol=GC vitamin D-binding protein precursor	IPI00742696	53 kDa
154	Gene_Symbol=IGFBP4 Insulin-like growth factor-binding protein 4 pr	IPI00305380	28 kDa
155	Gene_Symbol=SCGB3A1 Secretoglobulin family 3A member 1 precurs	IPI00066193	10 kDa
156	Gene_Symbol=CLCA1 Calcium-activated chloride channel regulator 1	IPI00014625	100 kDa
157	Gene_Symbol=SERPINE2 Glia-derived nexin precursor	IPI00009890	44 kDa
158	Gene_Symbol=CFD Complement factor D preproprotein	IPI00165972	28 kDa
159	Gene_Symbol=NPC2 Epididymal secretory protein E1 precursor	IPI00301579	17 kDa
160	Gene_Symbol=VIM Vimentin	IPI00418471	54 kDa
161	Gene_Symbol=CPM Carboxypeptidase M precursor	IPI00026270	51 kDa
162	Gene_Symbol=MUC16 Mucin-16	IPI00103552	2353 kDa
163	Gene_Symbol=ENPP2 Isoform 1 of Ectonucleotide pyrophosphatase,	IPI00156171 (+2)	99 kDa
164	Gene_Symbol=A2ML1 Alpha-2-macroglobulin-like protein 1 precurs	IPI00419215	161 kDa
165	Gene_Symbol=KLKB1 Plasma kallikrein precursor	IPI00654888	71 kDa
166	Gene_Symbol=RPS27A;UBC;UBB ubiquitin and ribosomal protein S2	IPI00179330 (+22)	18 kDa
167	Gene_Symbol=CA1 Carbonic anhydrase 1	IPI00215983	29 kDa
168	Gene_Symbol=LCP1 Plastin-2	IPI00010471	70 kDa
169	Gene_Symbol=OLFML3 Isoform 1 of Olfactomedin-like protein 3 pre	IPI00024621 (+1)	46 kDa
170	Gene_Symbol=PLUNC Protein Plunc precursor	IPI00009856	27 kDa
171	Gene_Symbol=FLT1 Isoform Flt1 of Vascular endothelial growth fact	IPI00018335	151 kDa
172	Gene_Symbol=CDH13 Cadherin-13 precursor	IPI00024046 (+2)	78 kDa
173	Gene_Symbol=ADAMTS1 ADAMTS-1 precursor	IPI00005908	105 kDa
174	Gene_Symbol=TF 11 kDa protein	IPI00789295	11 kDa
175	Gene_Symbol=SVEP1 Isoform 1 of Sushi, von Willebrand factor type	IPI00847609	390 kDa
176	Gene_Symbol=ACE2 Isoform 1 of Angiotensin-converting enzyme 2 p	IPI00465187	92 kDa
177	Gene_Symbol=SOD3 Extracellular superoxide dismutase [Cu-Zn] pre	IPI00027827	26 kDa
178	Gene_Symbol=GPX3 Glutathione peroxidase 3 precursor	IPI00026199	26 kDa
179	Gene_Symbol=CST3;CST2 Cystatin-C precursor	IPI00032293	16 kDa
180	Gene_Symbol=C4A Complement component 4A	IPI00643525 (+1)	193 kDa
181	Gene_Symbol=- Ig kappa chain V-IV region Len	IPI00387120	13 kDa
182	Gene_Symbol=PSAP Isoform Sap-mu-0 of Proactivator polypeptide p	IPI00012503 (+4)	58 kDa
183	Gene_Symbol=SERPINC1 SERPINC1 protein	IPI00844156	29 kDa
184	Gene_Symbol=F12 Coagulation factor XII precursor	IPI00019581	68 kDa
185	Gene_Symbol=ATRN Isoform 1 of Attractin precursor	IPI00027235 (+2)	159 kDa
186	Gene_Symbol=DPP4 Dipeptidyl peptidase 4	IPI00018953	88 kDa

187	Gene_Symbol=TXNDC5;MUTED Thioredoxin domain-containing prot	IPI00171438 (+1)	48 kDa
188	Gene_Symbol=C8A Complement component C8 alpha chain precursor	IPI00011252	65 kDa
189	Gene_Symbol=XPNPEP2 Xaa-Pro aminopeptidase 2 precursor	IPI00439344	76 kDa
190	Gene_Symbol=SERPINA1 PRO2275	IPI00305457	13 kDa
191	Gene_Symbol=DLK1 Isoform Long of Delta-like protein precursor	IPI00160384	41 kDa
192	Gene_Symbol=PIGR Polymeric immunoglobulin receptor precursor	IPI00004573	83 kDa
193	Gene_Symbol=C1R Complement C1r subcomponent precursor	IPI00296165	80 kDa
194	Gene_Symbol=LTBP4 Isoform 4 of Latent-transforming growth factor	IPI00395783 (+4)	143 kDa
195	Gene_Symbol=ICAM1 Intercellular adhesion molecule 1 precursor	IPI00008494 (+1)	58 kDa
196	Gene_Symbol=IGF2 Isoform 1 of Insulin-like growth factor II precursor	IPI00001611	20 kDa
197	Gene_Symbol=ACE Isoform Somatic-1 of Angiotensin-converting enz	IPI00437751 (+1)	150 kDa
198	Gene_Symbol=THSD3 73 kDa protein	IPI00008226 (+4)	73 kDa
199	Gene_Symbol=COL5A2 Collagen alpha-2(V) chain precursor	IPI00739099 (+1)	145 kDa
200	Gene_Symbol=CLEC11A C-type lectin domain family 11 member A p	IPI00033466	36 kDa
201	Gene_Symbol=IGKV3-20 Myosin-reactive immunoglobulin light chain	IPI00885193	12 kDa
202	Gene_Symbol=- Myosin-reactive immunoglobulin light chain variable	IPI00398220	12 kDa
203	Gene_Symbol=PSG9 Pregnancy-specific beta-1-glycoprotein 9 precursor	IPI00293461	48 kDa
204	Gene_Symbol=MAN1A1 MAN1A1 protein	IPI00439446 (+1)	75 kDa
205	Gene_Symbol=VSIG4 Isoform 1 of V-set and immunoglobulin domain	IPI00027038 (+1)	44 kDa
206	Gene_Symbol=ACTN4 Alpha-actinin-4	IPI00013808	105 kDa
207	Gene_Symbol=PRDX2 Peroxiredoxin-2	IPI00027350 (+1)	22 kDa
208	Gene_Symbol=IGHV3OR16-13;IGHA1 IGHA1 protein	IPI00430842	53 kDa
209	Gene_Symbol=IGSF1 immunoglobulin superfamily, member 1 isoform	IPI00043215 (+1)	149 kDa
210	Gene_Symbol=CEL carboxyl ester lipase precursor	IPI00099670 (+1)	80 kDa
211	Gene_Symbol=MXRA5 Matrix-remodeling-associated protein 5 precursor	IPI00012347	312 kDa
212	Gene_Symbol=KRT8 Keratin, type II cytoskeletal 8	IPI00554648	54 kDa
213	Gene_Symbol=SPINT1 Isoform 2 of Kunitz-type protease inhibitor 1	IPI00011643 (+1)	57 kDa
214	Gene_Symbol=MUC13 Mucin-13 precursor	IPI00011448	55 kDa
215	Gene_Symbol=CST6 Cystatin-M precursor	IPI00019954	17 kDa
216	Gene_Symbol=S100A11 Protein S100-A11	IPI00013895	12 kDa
217	Gene_Symbol=IGHG4 IGHG4 protein	IPI00550640 (+1)	52 kDa
218	Gene_Symbol=GOLM1 Golgi membrane protein 1	IPI00171411 (+2)	46 kDa
219	Gene_Symbol=GSTP1 Glutathione S-transferase P	IPI00219757	23 kDa
220	Gene_Symbol=FMOD fibromodulin precursor	IPI00292732	43 kDa
221	Gene_Symbol=HBG2;HBG1 Hemoglobin subunit gamma-2	IPI00554676 (+1)	16 kDa
222	Gene_Symbol=IVL Involucrin	IPI00011692	68 kDa
223	Gene_Symbol=P4HB Protein disulfide-isomerase precursor	IPI00010796	57 kDa
224	Gene_Symbol=GGT1 Isoform 1 of Gamma-glutamyltranspeptidase 1	IPI00018901	61 kDa
225	Gene_Symbol=DKK3 Dickkopf-related protein 3 precursor	IPI00002714	38 kDa
226	Gene_Symbol=NOTUM Protein notum homolog precursor	IPI00465159	56 kDa
227	Gene_Symbol=SPRR3 Small proline-rich protein 3	IPI00082931	18 kDa
228	Gene_Symbol=- C1 segment protein	IPI00852577	11 kDa
229	Gene_Symbol=CD109 Isoform 1 of CD109 antigen precursor	IPI00152540	162 kDa
230	Gene_Symbol=HAPLN1 Hyaluronan and proteoglycan link protein 1	IPI00023601	40 kDa
231	Gene_Symbol=PROS1 Vitamin K-dependent protein S precursor	IPI00294004 (+1)	75 kDa
232	Gene_Symbol=IGFBP6 Insulin-like growth factor-binding protein 6 precursor	IPI00029235	25 kDa
233	Gene_Symbol=PGK1 Phosphoglycerate kinase 1	IPI00169383	45 kDa

234	Gene_Symbol=LYVE1 Lymphatic vessel endothelial hyaluronic acid re	IPI00290856	35 kDa
235	Gene_Symbol=PLOD1 Procollagen-lysine,2-oxoglutarate 5-dioxygenase	IPI00027192	84 kDa
236	Gene_Symbol=VCAM1 Isoform 1 of Vascular cell adhesion protein 1	IPI00018136	81 kDa
237	Gene_Symbol=B4GALT1 Isoform Long of Beta-1,4-galactosyltransferase	IPI00215767 (+1)	44 kDa
238	Gene_Symbol=YWHAE 14-3-3 protein epsilon	IPI00000816	29 kDa
239	Gene_Symbol=LOC100126583 Putative uncharacterized protein DKF	IPI00784950	52 kDa
240	Gene_Symbol=BST1 ADP-ribosyl cyclase 2 precursor	IPI00026240 (+1)	36 kDa
241	Gene_Symbol=SPON1 Spondin-1 precursor	IPI00171473	91 kDa
242	Gene_Symbol=CPA1 Carboxypeptidase A1 precursor	IPI00009823	47 kDa
243	Gene_Symbol=TGFBR3 transforming growth factor, beta receptor III	IPI00304865	94 kDa
244	Gene_Symbol=ANXA4 annexin IV	IPI00793199 (+1)	36 kDa
245	Gene_Symbol=- Rheumatoid factor D5 light chain (Fragment)	IPI00816799	13 kDa
246	Gene_Symbol=PLOD2 Isoform 2 of Procollagen-lysine,2-oxoglutarate	IPI00337495 (+1)	87 kDa
247	Gene_Symbol=ABP1 Isoform 1 of Amiloride-sensitive amine oxidase	IPI00020982 (+1)	85 kDa
248	Gene_Symbol=TUBA1B Tubulin alpha-1B chain	IPI00387144 (+2)	50 kDa
249	Gene_Symbol=DSC2 Isoform 2A of Desmocollin-2 precursor	IPI00025846 (+1)	100 kDa
250	Gene_Symbol=SPINK5 Serine protease inhibitor Kazal-type 5 precursor	IPI00478816	121 kDa
251	Gene_Symbol=C8G Complement component C8 gamma chain precursor	IPI00011261	22 kDa
252	Gene_Symbol=ICAM2 Intercellular adhesion molecule 2 precursor	IPI00009477	31 kDa
253	Gene_Symbol=GM2A Ganglioside GM2 activator precursor	IPI00018236	21 kDa
254	Gene_Symbol=DEFA1;LOC728358 Neutrophil defensin 1 precursor	IPI00005721 (+1)	10 kDa
255	Gene_Symbol=CDH15 Cadherin-15 precursor	IPI00024048	89 kDa
256	Gene_Symbol=HSPB1 Heat shock protein beta-1	IPI00025512	23 kDa
257	Gene_Symbol=IL1RL1 Isoform B of Interleukin-1 receptor-like 1 precursor	IPI00218676 (+1)	37 kDa
258	Gene_Symbol=CLSTN1 Isoform 2 of Calsyntenin-1 precursor (Fragment)	IPI00007257 (+2)	109 kDa
259	Gene_Symbol=CSPG4 Chondroitin sulfate proteoglycan 4 precursor	IPI00019157	250 kDa
260	Gene_Symbol=COL6A2 Isoform 2C2 of Collagen alpha-2(VI) chain precursor	IPI00304840	109 kDa
261	Gene_Symbol=COL14A1 Isoform 1 of Collagen alpha-1(XIV) chain precursor	IPI00176193 (+1)	194 kDa
262	Gene_Symbol=SEPP1 Selenoprotein P precursor	IPI00029061 (+1)	43 kDa
263	Gene_Symbol=VCL Isoform 1 of Vinculin	IPI00291175 (+1)	117 kDa
264	Gene_Symbol=PCDH24 Protocadherin-24 precursor	IPI00307446	142 kDa
265	Gene_Symbol=IGFBP5 Insulin-like growth factor-binding protein 5 precursor	IPI00029236	31 kDa
266	Gene_Symbol=PSG1 Isoform 2 of Pregnancy-specific beta-1-glycoprotein	IPI00163720 (+3)	48 kDa
267	Gene_Symbol=- Myosin-reactive immunoglobulin kappa chain variable	IPI00384401	12 kDa
268	Gene_Symbol=IGHG1 IGHG1 protein	IPI00448925	60 kDa
269	Gene_Symbol=PPIA Peptidyl-prolyl cis-trans isomerase A	IPI00419585	18 kDa
270	Gene_Symbol=CD55 Decay-accelerating factor splicing variant 4	IPI00152418 (+7)	56 kDa
271	Gene_Symbol=APP Isoform APP770 of Amyloid beta A4 protein precursor	IPI00006608 (+3)	87 kDa
272	Gene_Symbol=ESAM Endothelial cell-selective adhesion molecule precursor	IPI00303161 (+1)	41 kDa
273	Gene_Symbol=ENO1 Isoform alpha-enolase of Alpha-enolase	IPI00465248	47 kDa
274	Gene_Symbol=NT5E 5'-nucleotidase precursor	IPI00009456	63 kDa
275	Gene_Symbol=VCAN Isoform V1 of Versican core protein precursor	IPI00215628	265 kDa
276	Gene_Symbol=HABP2 Hyaluronan-binding protein 2 precursor	IPI00746623	63 kDa
277	Gene_Symbol=S100A9 Protein S100-A9	IPI00027462	13 kDa
278	Gene_Symbol=FBLN5 Fibulin-5 precursor	IPI00294615 (+1)	50 kDa
279	Gene_Symbol=SCGB3A2 Secretoglobin family 3A member 2 precursor	IPI00044550	10 kDa
280	Gene_Symbol=APOE Apolipoprotein E precursor	IPI00021842	36 kDa

281	Gene_Symbol=GAPDH Glyceraldehyde-3-phosphate dehydrogenase	IPI00219018 (+2)	36 kDa
282	Gene_Symbol=PFN1 Profilin-1	IPI00216691	15 kDa
283	Gene_Symbol=PSG3 Pregnancy-specific beta-1-glycoprotein 3 precursor	IPI00002903 (+1)	50 kDa
284	Gene_Symbol=TF 11 kDa protein	IPI00796467	11 kDa
285	Gene_Symbol=LTBP2 Latent-transforming growth factor beta-binding protein 2	IPI00292150	195 kDa
286	Gene_Symbol=SERPINE1 Plasminogen activator inhibitor 1 precursor	IPI00007118	45 kDa
287	Gene_Symbol=LYZ Lysozyme C precursor	IPI00019038	17 kDa
288	Gene_Symbol=AXL AXL receptor tyrosine kinase isoform 1	IPI00296992 (+1)	98 kDa
289	Gene_Symbol=GDI2 Rab GDP dissociation inhibitor beta	IPI00031461	51 kDa
290	Gene_Symbol=CTGF Isoform 1 of Connective tissue growth factor precursor	IPI00020977 (+1)	38 kDa
291	Gene_Symbol=CD163 Isoform 1 of Scavenger receptor cysteine-rich type 1 protein CD163	IPI00104074 (+3)	125 kDa
292	Gene_Symbol=EFEMP2 EGF-containing fibulin-like extracellular matrix protein 2	IPI00296058	49 kDa
293	Gene_Symbol=NRP1 Muscle type neuropilin 1	IPI00165438 (+6)	72 kDa
294	Gene_Symbol=ELK2P1 ELK2, member of ETS oncogene family, pseudogene	IPI00736860	22 kDa
295	Gene_Symbol=SPRR1B Cornifin-B	IPI00304903	10 kDa
296	Gene_Symbol=GH1;CSH2;CSH1 Isoform 1 of Somatotropin precursor	IPI00000889 (+9)	25 kDa
297	Gene_Symbol=ADAMTSL4 Isoform 1 of ADAMTS-like protein 4 precursor	IPI00374068 (+2)	117 kDa
298	Gene_Symbol=C1RL Complement C1r subcomponent-like protein precursor	IPI00009793	53 kDa
299	Gene_Symbol=NUCB1 Nucleobindin-1 precursor	IPI00295542	54 kDa
300	Gene_Symbol=FBN2 fibrillin 2 precursor	IPI00019439	315 kDa
301	Gene_Symbol=LDHB L-lactate dehydrogenase B chain	IPI00219217	37 kDa
302	Gene_Symbol=MME Neprilysin	IPI00247063	86 kDa
303	Gene_Symbol=COL11A1 Isoform B of Collagen alpha-1(XI) chain precursor	IPI00218539 (+2)	182 kDa
304	Gene_Symbol=FLNA filamin A, alpha isoform 1	IPI00302592 (+2)	280 kDa
305	Gene_Symbol=LYPD3 Ly6/PLAUR domain-containing protein 3 precursor	IPI00004310 (+1)	36 kDa
306	Gene_Symbol=IGHG1 Putative uncharacterized protein DKFZp686P1	IPI00645363	52 kDa
307	Gene_Symbol=MATN2 Isoform 2 of Matrilin-2 precursor	IPI00168520 (+2)	105 kDa
308	Gene_Symbol=TXN Thioredoxin	IPI00216298 (+1)	12 kDa
309	Gene_Symbol=ABI3BP Isoform 2 of Target of Nesh-SH3 precursor	IPI00419966 (+3)	54 kDa
310	Gene_Symbol=IL1RAP Isoform 1 of Interleukin-1 receptor accessory protein	IPI00031789 (+4)	65 kDa
311	Gene_Symbol=TAGLN Transgelin	IPI00216138	23 kDa
312	Gene_Symbol=PSG2 Pregnancy-specific beta-1-glycoprotein 2 precursor	IPI00005694 (+1)	37 kDa
313	Gene_Symbol=S100A8 Protein S100-A8	IPI00007047	11 kDa
314	Gene_Symbol=THY1 Thy-1 membrane glycoprotein precursor	IPI00022892 (+1)	18 kDa
315	Gene_Symbol=F5 Coagulation factor V	IPI00022937 (+1)	252 kDa
316	Gene_Symbol=IGHV4-31 Putative uncharacterized protein DKFZp686P1	IPI00784842	52 kDa
317	Gene_Symbol=TMSL3 Thymosin beta-4-like protein 3	IPI00180240 (+8)	5 kDa
318	Gene_Symbol=PRSS8 Prostatic serine protease 8 precursor	IPI00329538	36 kDa
319	Gene_Symbol=HSPA5 HSPA5 protein	IPI00003362	72 kDa
320	Gene_Symbol=TIMP2 Metalloproteinase inhibitor 2 precursor	IPI00027166 (+1)	24 kDa
321	Gene_Symbol=F13B Coagulation factor XIII B chain precursor	IPI00007240	76 kDa
322	Gene_Symbol=TAGLN2 Transgelin-2	IPI00550363 (+2)	22 kDa
323	Gene_Symbol=SCGB1A1 Uteroglobin precursor	IPI00006705	10 kDa
324	Gene_Symbol=DBI Isoform a 1 of Acyl-CoA-binding protein	IPI00010182 (+2)	10 kDa
325	Gene_Symbol=EMILIN2 EMILIN-2 precursor	IPI00012510	116 kDa
326	Gene_Symbol=MINPP1 Isoform 1 of Multiple inositol polyphosphate 1	IPI00293748	55 kDa
327	Gene_Symbol=C20orf114 Isoform 1 of Long palate, lung and nasal epithelium	IPI00291410	52 kDa

328	Gene_Symbol=LAMA3 Laminin alpha-3 chain variant 1	IPI00377045 (+4)	373 kDa
329	Gene_Symbol=LAMA5 Laminin subunit alpha-5 precursor	IPI00783665	400 kDa
330	Gene_Symbol=SHISA5 Isoform 1 of Protein shisa-5 precursor	IPI00166039 (+1)	26 kDa
331	Gene_Symbol=ANXA5 Annexin A5	IPI00329801 (+1)	36 kDa
332	Gene_Symbol=F11R Junctional adhesion molecule A precursor	IPI00001754	33 kDa
333	Gene_Symbol=IGKV3-20 IGK@ protein	IPI00889156	26 kDa
334	Gene_Symbol=KRT19 Keratin, type I cytoskeletal 19	IPI00479145	44 kDa
335	Gene_Symbol=CTSD Cathepsin D precursor	IPI00011229	45 kDa
336	Gene_Symbol=SERPINB2 Plasminogen activator inhibitor 2 precursor	IPI00007117	47 kDa
337	Gene_Symbol=PTK7 PTK7 protein tyrosine kinase 7 isoform b precursor	IPI00170814 (+4)	114 kDa
338	Gene_Symbol=C8B Complement component C8 beta chain precursor	IPI00294395	67 kDa
339	Gene_Symbol=CDH5 Cadherin-5 precursor	IPI00012792	88 kDa
340	Gene_Symbol=ANTXR1 Isoform 1 of Anthrax toxin receptor 1 precursor	IPI00030431 (+5)	63 kDa
341	Gene_Symbol=SFN Isoform 1 of 14-3-3 protein sigma	IPI00013890	28 kDa
342	Gene_Symbol=- Ig kappa chain V-I region Ni	IPI00387106	12 kDa
343	Gene_Symbol=COLEC12 Isoform 1 of Collectin-12	IPI00414467 (+1)	82 kDa
344	Gene_Symbol=LOC100133511 hypothetical protein, partial	IPI00887739	145 kDa
345	Gene_Symbol=KRT1 Keratin, type II cytoskeletal 1	IPI00220327	66 kDa
346	Gene_Symbol=- Ig lambda chain V-IV region Hi1	IPI00382440	12 kDa
347	Gene_Symbol=FOLH1 Isoform PSMA-1 of Glutamate carboxypeptidase	IPI00028514	84 kDa
348	Gene_Symbol=PAPLN Isoform 3 of Papilin precursor	IPI00294705 (+1)	133 kDa
349	Gene_Symbol=SERPINA5 Plasma serine protease inhibitor precursor	IPI00007221	46 kDa
350	Gene_Symbol=MXRA8 Isoform 2 of Matrix-remodeling-associated protein	IPI00153049 (+2)	50 kDa
351	Gene_Symbol=CHGA Chromogranin-A precursor	IPI00290315 (+1)	51 kDa
352	Gene_Symbol=CLIC1 Chloride intracellular channel protein 1	IPI00010896 (+1)	27 kDa
353	Gene_Symbol=CFHR1 complement factor H-related 1	IPI00167093	38 kDa
354	Gene_Symbol=PDIA6 Isoform 2 of Protein disulfide-isomerase A6 precursor	IPI00299571 (+1)	54 kDa
355	Gene_Symbol=TFF3 trefoil factor 3 precursor	IPI00018909	14 kDa
356	Gene_Symbol=PI16 Isoform 1 of Peptidase inhibitor 16 precursor	IPI00301143 (+1)	49 kDa
357	Gene_Symbol=IGHM IGHM protein	IPI00549291	66 kDa
358	Gene_Symbol=HBD;HBB Hemoglobin subunit delta	IPI00473011	16 kDa
359	Gene_Symbol=GP2 zymogen granule membrane glycoprotein 2 isoform	IPI00470823 (+1)	59 kDa
360	Gene_Symbol=HMCN1 Hemicentin 1	IPI00045512 (+1)	614 kDa
361	Gene_Symbol=PZP Isoform 1 of Pregnancy zone protein precursor	IPI00025426	164 kDa
362	Gene_Symbol=FABP1 FABP1 protein (Fragment)	IPI00010290 (+1)	15 kDa
363	Gene_Symbol=CRNN Cornulin	IPI00297056	54 kDa
364	Gene_Symbol=TGM2 Isoform 1 of Protein-glutamine gamma-glutamyl transferase	IPI00294578 (+1)	77 kDa
365	Gene_Symbol=CP 97 kDa protein	IPI00794184	97 kDa
366	Gene_Symbol=MASP2 Isoform 1 of Mannan-binding lectin serine protease	IPI00294713 (+3)	76 kDa
367	Gene_Symbol=TLN1 Talin-1	IPI00298994	270 kDa
368	Gene_Symbol=GKN1 18 kDa antrum mucosa protein	IPI00749381	22 kDa
369	Gene_Symbol=IGHV3OR16-13;IGHA1 IGH A1 protein	IPI00744561	53 kDa
370	Gene_Symbol=PON1 Serum paraoxonase/arylesterase 1	IPI00218732	40 kDa
371	Gene_Symbol=HSP90B1 Endoplasmic protein precursor	IPI00027230	92 kDa
372	Gene_Symbol=CNDP1 Beta-Ala-His dipeptidase precursor	IPI00064667	57 kDa
373	Gene_Symbol=COL4A2 Collagen alpha-2(IV) chain precursor	IPI00306322 (+2)	168 kDa
374	Gene_Symbol=ATP6AP1 Vacuolar ATP synthase subunit S1 precursor	IPI00784119	52 kDa

375	Gene_Symbol=CRK Isoform Crk-II of Proto-oncogene C-crk	IPI00004838 (+2)	34 kDa
376	Gene_Symbol=APOC3 Apolipoprotein C-III precursor	IPI00021857 (+1)	11 kDa
377	Gene_Symbol=C1QC Complement C1q subcomponent subunit C pre	IPI00022394	26 kDa
378	Gene_Symbol=IL6ST Isoform 1 of Interleukin-6 receptor subunit beta	IPI00297124 (+1)	104 kDa
379	Gene_Symbol=ANXA13 Isoform A of Annexin A13	IPI00017337 (+1)	35 kDa
380	Gene_Symbol=PRDX6 Peroxiredoxin-6	IPI00220301	25 kDa
381	Gene_Symbol=LAMB2 Laminin subunit beta-2 precursor	IPI00296922	196 kDa
382	Gene_Symbol=BGN Biglycan precursor	IPI00010790 (+2)	42 kDa
383	Gene_Symbol=ELA3A Elastase-3A precursor	IPI00295663 (+1)	29 kDa
384	Gene_Symbol=AEBP1 Isoform 1 of Adipocyte enhancer-binding protein	IPI00745313	131 kDa
385	Gene_Symbol=BASP1 Brain acid soluble protein 1	IPI00299024	23 kDa
386	Gene_Symbol=TUBB2C Tubulin beta-2C chain	IPI00007752 (+3)	50 kDa
387	Gene_Symbol=ANGPTL2 Angiopoietin-related protein 2 precursor	IPI00007800	57 kDa
388	Gene_Symbol=IL1R2 Interleukin-1 receptor type II precursor	IPI00021382	45 kDa
389	Gene_Symbol=PIK3IP1 Isoform 1 of Phosphoinositide-3-kinase-inter	IPI00298388 (+2)	28 kDa
390	Gene_Symbol=MUC1 Isoform 1 of Mucin-1 precursor	IPI00013955 (+10)	122 kDa
391	Gene_Symbol=STOM Erythrocyte band 7 integral membrane protein	IPI00219682	32 kDa
392	Gene_Symbol=NCAM1 Isoform N-CAM 120 of Neural cell adhesion n	IPI00220737 (+5)	84 kDa
393	Gene_Symbol=CALR Calreticulin precursor	IPI00020599	48 kDa
394	Gene_Symbol=AHNAK Neuroblast differentiation-associated protein	IPI00021812	629 kDa
395	Gene_Symbol=MUPCDH Isoform 3 of Mucin and cadherin-like protei	IPI00180687 (+4)	53 kDa
396	Gene_Symbol=APCS Serum amyloid P-component precursor	IPI00022391	25 kDa
397	Gene_Symbol=PAPPA2 Isoform 1 of Pappalysin-2 precursor	IPI00013569	199 kDa
398	Gene_Symbol=TPI1 Isoform 1 of Triosephosphate isomerase	IPI00465028	31 kDa
399	Gene_Symbol=SLC9A3R1 Ezrin-radixin-moesin-binding phosphoprot	IPI00003527	39 kDa
400	Gene_Symbol=SEMA7A Semaphorin-7A precursor	IPI00025257	75 kDa
401	Gene_Symbol=IQGAP1 Ras GTPase-activating-like protein IQGAP1	IPI00009342	189 kDa
402	Gene_Symbol=TPM4 Isoform 1 of Tropomyosin alpha-4 chain	IPI00010779	29 kDa
403	Gene_Symbol=MMP19 Isoform 1 of Matrix metalloproteinase-19 pre	IPI00016067 (+3)	57 kDa
404	Gene_Symbol=DKK1 Dickkopf-related protein 1 precursor	IPI00016353	29 kDa
405	Gene_Symbol=CRISP3 cDNA FLJ75207	IPI00004798	29 kDa
406	Gene_Symbol=MST1 Hepatocyte growth factor-like protein precurs	IPI00292218 (+1)	80 kDa
407	Gene_Symbol=CD9 CD9 antigen	IPI00215997 (+2)	25 kDa
408	Gene_Symbol=EPHB4 Ephrin receptor	IPI00186826 (+1)	103 kDa
409	Gene_Symbol=COL5A3 Collagen alpha-3(V) chain precursor	IPI00018279	172 kDa
410	Gene_Symbol=EHD1 EH domain-containing protein 1	IPI00017184	61 kDa
411	Gene_Symbol=FAM151A Isoform 1 of Protein FAM151A	IPI00300865	64 kDa
412	Gene_Symbol=PKM2 Isoform M1 of Pyruvate kinase isozymes M1/M	IPI00220644 (+1)	58 kDa
413	Gene_Symbol=PRKCSH Glucosidase 2 subunit beta precursor	IPI00026154 (+1)	59 kDa
414	Gene_Symbol=CTHRC1 Isoform 1 of Collagen triple helix repeat-cont	IPI00060423 (+1)	26 kDa
415	Gene_Symbol=PROM1 Prominin-1 precursor	IPI00012540	97 kDa
416	Gene_Symbol=- Uncharacterized protein ENSP00000348237	IPI00453476 (+1)	29 kDa
417	Gene_Symbol=NRP2 Isoform A22 of Neuropilin-2 precursor	IPI00029693 (+6)	105 kDa
418	Gene_Symbol=PEBP1 Phosphatidylethanolamine-binding protein 1	IPI00219446	21 kDa
419	Gene_Symbol=CD276 Isoform 1 of CD276 antigen precursor	IPI00410488 (+3)	57 kDa
420	Gene_Symbol=NEO1 Isoform 1 of Neogenin precursor	IPI00023814 (+3)	160 kDa
421	Gene_Symbol=ENG Isoform Long of Endoglin precursor	IPI00017567 (+1)	71 kDa

422	Gene_Symbol=ADAMTS5 ADAMTS-5 precursor	IPI00009143	102 kDa
423	Gene_Symbol=MRC2 Macrophage mannose receptor 2 precursor	IPI00005707	167 kDa
424	Gene_Symbol=LOC284297 Scavenger receptor cysteine-rich domain	IPI00554474 (+2)	116 kDa
425	Gene_Symbol=QPCT Glutaminyl-peptide cyclotransferase precursor	IPI00003919 (+1)	41 kDa
426	Gene_Symbol=HSPA8 Isoform 1 of Heat shock cognate 71 kDa prote	IPI00003865	71 kDa
427	Gene_Symbol=PPL Periplakin	IPI00298057	205 kDa
428	Gene_Symbol=RCN3 Reticulocalbin-3 precursor	IPI00101037	37 kDa
429	Gene_Symbol=ITGB1 integrin beta 1 isoform 1A precursor	IPI00645194	88 kDa
430	Gene_Symbol=KRT5 Keratin, type II cytoskeletal 5	IPI00009867 (+4)	62 kDa
431	Gene_Symbol=PRSS2 Protease serine 2 isoform B	IPI00011695 (+1)	28 kDa
432	Gene_Symbol=NGFR Tumor necrosis factor receptor superfamily me	IPI00027436	45 kDa
433	Gene_Symbol=KRT4 keratin 4	IPI00290078	64 kDa
434	Gene_Symbol=MGAT1 Alpha-1,3-mannosyl-glycoprotein 2-beta-N-a	IPI00000138	51 kDa
435	Gene_Symbol=HYOU1 Hypoxia up-regulated protein 1 precursor	IPI00000877	111 kDa
436	Gene_Symbol=C1S Complement C1s subcomponent precursor	IPI00017696 (+1)	77 kDa
437	Gene_Symbol=PDIA3 Protein disulfide-isomerase A3 precursor	IPI00025252	57 kDa
438	Gene_Symbol=HSPA1B;HSPA1A Heat shock 70 kDa protein 1	IPI00304925 (+1)	70 kDa
439	Gene_Symbol=PVRL2 Isoform Delta of Poliovirus receptor-related pr	IPI00022661 (+1)	58 kDa
440	Gene_Symbol=MRC1 Macrophage mannose receptor 1 precursor	IPI00027848 (+2)	166 kDa
441	Gene_Symbol=SPON2 Spondin-2 precursor	IPI00305975	36 kDa
442	Gene_Symbol=LOC442497;SLC3A2 4F2 cell-surface antigen heavy ch	IPI00027493 (+5)	58 kDa
443	Gene_Symbol=- Uncharacterized protein ENSP00000375035	IPI00735451	13 kDa
444	Gene_Symbol=GNPTG N-acetylglucosamine-1-phosphotransferase si	IPI00000137 (+1)	34 kDa
445	Gene_Symbol=IGKC IGKC protein	IPI00827488	26 kDa
446	Gene_Symbol=ERAP1 Isoform 2 of Endoplasmic reticulum aminopep	IPI00165949 (+1)	108 kDa
447	Gene_Symbol=KRT13 Isoform 1 of Keratin, type I cytoskeletal 13	IPI00009866 (+2)	50 kDa
448	Gene_Symbol=LOC284889;MIF Macrophage migration inhibitory fac	IPI00293276	12 kDa
449	Gene_Symbol=ENPP7 Ectonucleotide pyrophosphatase/phosphodie	IPI00419668	59 kDa
450	Gene_Symbol=SH3BGRL SH3 domain-binding glutamic acid-rich-like	IPI00025318	13 kDa
451	Gene_Symbol=GDF15 Growth/differentiation factor 15 precursor	IPI00306543	34 kDa
452	Gene_Symbol=KRT18 Keratin, type I cytoskeletal 18	IPI00554788	48 kDa
453	Gene_Symbol=HEBP2 HEBP2 protein (Fragment)	IPI00644697	24 kDa
454	Gene_Symbol=- Fibronectin splice variant F (Fragment)	IPI00856050	37 kDa
455	Gene_Symbol=SPARCL1 SPARC-like protein 1 precursor	IPI00296777	75 kDa
456	Gene_Symbol=LAMB3 Laminin subunit beta-3 precursor	IPI00299404	130 kDa
457	Gene_Symbol=COL16A1 Isoform 1 of Collagen alpha-1(XVI) chain pre	IPI00400935 (+1)	158 kDa
458	Gene_Symbol=PXDN Isoform 1 of Peroxidasin homolog precursor	IPI00016112	165 kDa
459	Gene_Symbol=CFHR2 Isoform Long of Complement factor H-related	IPI00006154 (+1)	31 kDa
460	Gene_Symbol=RCN1 Reticulocalbin-1 precursor	IPI00015842	39 kDa
461	Gene_Symbol=AKR1A1 Alcohol dehydrogenase	IPI00220271	37 kDa
462	Gene_Symbol=NPEPPS Puromycin-sensitive aminopeptidase	IPI00026216	103 kDa
463	Gene_Symbol=- Similar to Beta-hemoglobin	IPI00884436	9 kDa
464	Gene_Symbol=SFTPA1B;SFTPA1 Pulmonary surfactant-associated pr	IPI00012889 (+4)	26 kDa
465	Gene_Symbol=IGKC IGKC protein	IPI00746963	26 kDa
466	Gene_Symbol=ALCAM Isoform 1 of CD166 antigen precursor	IPI00015102 (+3)	65 kDa
467	Gene_Symbol=CAPG Macrophage-capping protein	IPI00027341 (+1)	39 kDa
468	Gene_Symbol=FLNB Isoform 1 of Filamin-B	IPI00289334 (+4)	278 kDa

469	Gene_Symbol=SCUBE2 Isoform 1 of Signal peptide, CUB and EGF-like	IPI00024880 (+2)	110 kDa
470	Gene_Symbol=CD93 Complement component C1q receptor precursor	IPI00299485	69 kDa
471	Gene_Symbol=HIST2H4A;HIST1H4C;HIST1H4A;HIST1H4I;HIST1H4E;HIST1H4F	IPI00453473	11 kDa
472	Gene_Symbol=HSP90AB1 Heat shock protein HSP 90-beta	IPI00414676	83 kDa
473	Gene_Symbol=IGHD FLJ00382 protein (Fragment)	IPI00829636	53 kDa
474	Gene_Symbol=SERPINA10 Protein Z-dependent protease inhibitor p10	IPI00007199	55 kDa
475	Gene_Symbol=ASGR2 Isoform 1 of Asialoglycoprotein receptor 2	IPI00011155 (+5)	35 kDa
476	Gene_Symbol=VCP Transitional endoplasmic reticulum ATPase	IPI00022774 (+1)	89 kDa
477	Gene_Symbol=CAT Catalase	IPI00465436	60 kDa
478	Gene_Symbol=ALDOA Fructose-bisphosphate aldolase A	IPI00465439 (+1)	39 kDa
479	Gene_Symbol=CPN2 Carboxypeptidase N subunit 2 precursor	IPI00479116	61 kDa
480	Gene_Symbol=SERPINB1 Leukocyte elastase inhibitor	IPI00027444	43 kDa
481	Gene_Symbol=NENF Neudesin precursor	IPI00002525	19 kDa
482	Gene_Symbol=CTBS Di-N-acetylchitobiase precursor	IPI00007778	44 kDa
483	Gene_Symbol=PDGFRB Beta-type platelet-derived growth factor receptor	IPI00015902	124 kDa
484	Gene_Symbol=HEXA Beta-hexosaminidase subunit alpha precursor	IPI00027851	61 kDa
485	Gene_Symbol=PGLS 6-phosphogluconolactonase	IPI00029997	28 kDa
486	Gene_Symbol=CPB2 Isoform 1 of Carboxypeptidase B2 precursor	IPI00329775	48 kDa
487	Gene_Symbol=APOA1 Apolipoprotein A1	IPI00853525	28 kDa
488	Gene_Symbol=LAMC3 Laminin subunit gamma-3 precursor	IPI00641172	172 kDa
489	Gene_Symbol=SRPX Isoform 2 of Sushi repeat-containing protein SRPX	IPI00215899 (+1)	50 kDa
490	Gene_Symbol=LTF Growth-inhibiting protein 12	IPI00298860 (+2)	78 kDa
491	Gene_Symbol=GALNT2 Polypeptide N-acetylgalactosaminyltransferase 2	IPI00004669	65 kDa
492	Gene_Symbol=MYO1A Myosin-Ia	IPI00294386	118 kDa
493	Gene_Symbol=LMNA Isoform A of Lamin-A/C	IPI00021405 (+5)	74 kDa
494	Gene_Symbol=LAIR1 Isoform 2 of Leukocyte-associated immunoglobulin-like receptor 1	IPI00028015 (+5)	30 kDa
495	Gene_Symbol=MFGE8 Lactadherin precursor	IPI00002236 (+1)	43 kDa
496	Gene_Symbol=MYH9 Myosin-9	IPI00019502	227 kDa
497	Gene_Symbol=SERPINB3 Isoform 1 of Serpin B3	IPI00022204 (+3)	45 kDa
498	Gene_Symbol=CRP Isoform 1 of C-reactive protein precursor	IPI00022389 (+2)	25 kDa
499	Gene_Symbol=GAS6 Isoform 2 of Growth arrest-specific protein 6 precursor	IPI00032532 (+2)	75 kDa
500	Gene_Symbol=MASP1 mannan-binding lectin serine protease 1 isoform 1	IPI00216882 (+5)	44 kDa
501	Gene_Symbol=SELL L-selectin precursor	IPI00218795	44 kDa
502	Gene_Symbol=ITIH5 inter-alpha trypsin inhibitor heavy chain precursor	IPI00328829 (+1)	106 kDa
503	Gene_Symbol=GLOD4 Uncharacterized protein C17orf25	IPI00007102 (+2)	55 kDa
504	Gene_Symbol=SLC5A1 SLC5A1 protein (Fragment)	IPI00010866	74 kDa
505	Gene_Symbol=PVR Isoform Beta of Poliovirus receptor precursor	IPI00219425 (+3)	40 kDa
506	Gene_Symbol=ITIH3 Isoform 1 of Inter-alpha-trypsin inhibitor heavy chain 3	IPI00028413 (+2)	100 kDa
507	Gene_Symbol=GAA Lysosomal alpha-glucosidase precursor	IPI00293088 (+1)	105 kDa
508	Gene_Symbol=MYO1D Isoform 1 of Myosin-IId	IPI00329719	116 kDa
509	Gene_Symbol=KPNB1 Importin subunit beta-1	IPI00001639	97 kDa
510	Gene_Symbol=HTRA1 Serine protease HTRA1 precursor	IPI00003176	51 kDa
511	Gene_Symbol=NAGLU Alpha-N-acetylglucosaminidase precursor	IPI00008787 (+2)	82 kDa
512	Gene_Symbol=SULT2A1 Bile salt sulfotransferase	IPI00216133	34 kDa
513	Gene_Symbol=CST2 Cystatin-SA precursor	IPI00013382	16 kDa
514	Gene_Symbol=MFAP2 Microfibrillar-associated protein 2 precursor	IPI00022621 (+1)	21 kDa
515	Gene_Symbol=CKB Creatine kinase B-type	IPI00022977	43 kDa

516	Gene_Symbol=CPZ Isoform 2 of Carboxypeptidase Z precursor	IPI00179185 (+1)	73 kDa
517	Gene_Symbol=FAM129B Niban-like protein 1	IPI00456750 (+1)	83 kDa
518	Gene_Symbol=EVPL Envoplakin	IPI00023711	232 kDa
519	Gene_Symbol=GPI Glucose-6-phosphate isomerase	IPI00027497	63 kDa
520	Gene_Symbol=SULF2 Isoform 1 of Extracellular sulfatase Sulf-2 precursor	IPI00297252 (+2)	100 kDa
521	Gene_Symbol=PDZK1 PDZ domain-containing protein 1	IPI00298067	57 kDa
522	Gene_Symbol=ANXA11 Annexin A11	IPI00414320	54 kDa
523	Gene_Symbol=TF 14 kDa protein	IPI00792626	14 kDa
524	Gene_Symbol=LAMC2 Isoform Long of Laminin subunit gamma-2 precursor	IPI00015117 (+1)	131 kDa
525	Gene_Symbol=RNASET2 Isoform 1 of Ribonuclease T2 precursor	IPI00414896 (+1)	29 kDa
526	Gene_Symbol=BCAM Lutheran blood group glycoprotein precursor	IPI00002406 (+1)	67 kDa
527	Gene_Symbol=RAC1 Isoform A of Ras-related C3 botulinum toxin subunit	IPI00010271 (+2)	21 kDa
528	Gene_Symbol=MFI2 Isoform 1 of Melanotransferrin precursor	IPI00029275 (+1)	80 kDa
529	Gene_Symbol=DSG3 Desmoglein-3 precursor	IPI00031547	108 kDa
530	Gene_Symbol=SLC22A9 Solute carrier family 22 member 9	IPI00217067	62 kDa
531	Gene_Symbol=HBZ Hemoglobin subunit zeta	IPI00217473 (+1)	16 kDa
532	Gene_Symbol=VIL1 Villin-1	IPI00218852	93 kDa
533	Gene_Symbol=RNPEP Aminopeptidase B	IPI00642211	73 kDa
534	Gene_Symbol=PTTG1IP Uncharacterized protein PTTG1IP	IPI00795434	12 kDa
535	Gene_Symbol=APOC2 Apolipoprotein C-II precursor	IPI00021856	11 kDa
536	Gene_Symbol=SELENBP1 Selenium-binding protein 1	IPI00012303 (+3)	52 kDa
537	Gene_Symbol=CTRB1 Chymotrypsinogen B precursor	IPI00015133 (+2)	28 kDa
538	Gene_Symbol=LRP1 Prolow-density lipoprotein receptor-related protein 1	IPI00020557	505 kDa
539	Gene_Symbol=ANXA3 Annexin A3	IPI00024095 (+1)	36 kDa
540	Gene_Symbol=MRLC2 Myosin regulatory light chain	IPI00033494 (+5)	20 kDa
541	Gene_Symbol=GDF6 Growth/differentiation factor 6 precursor	IPI00419815 (+1)	51 kDa
542	Gene_Symbol=ITGA1 Integrin alpha-1 precursor	IPI00743104	131 kDa

AF Normal	AF DS
10%	7.20%
1.70%	1.60%
0.87%	0.89%
0.91%	0.72%
0.49%	0.55%
0.41%	0.44%
0.37%	0.38%
0.37%	0.42%
0.32%	0.41%
0.35%	0.39%
0.33%	0.35%
0.31%	0.29%
0.29%	0.24%
0.22%	0.27%
0.26%	0.27%
0.21%	0.23%
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