

Title: Molecular elucidation of brain lipofuscin in aging and Neuronal Ceroid Lipofuscinosis

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Data Description: This file contains the protein IDs from proteomic analyses of purified lipofuscin from PPT1 KO and WT murine brain. Lipofuscin was purified from PPT1 KO mouse brain at 2, 4, and 7 months of age, and from WT mouse brain at 12, 18, and 24 months of age. Each biological replicate contained lipofuscin purified from total brain of one male and one female mouse. Identified lipofuscin proteins were found in three biological replicates run in technical duplicate. Only proteins with 2+ unique detected peptides are considered. The first 6 tabs contain the lipofuscin protein IDs for each genotype and timepoint represented in **Fig. 3A**. The subsequent tab contains the consensus lipofuscin proteome (hits found in all six conditions), with annotations for overlaps of this dataset with S-acylated proteins (brain palmitome), PPT1 substrates, and a previously published proteome of brain lipofuscin, data represented in **Fig. 3A-D**. The final two tabs contain the consensus proteins across all timepoints for each genotype independently. These tabs include annotations for subcellular compartment represented in **Fig. 3G-L**. Data throughout are searchable by UniProt Accession, SWISSPROT Accession, UniProt ID (MOUSE), and Gene Name.

PPT1 KO 2 Month Lipofuscin Proteome (n = 1002)

UniProt Accession	SWISSPROT Accession	UniProt ID	Gene Name
Q9CQV8	1433B	1433B	Ywhab
P62259	1433E	1433E	Ywhae
P68510	1433F	1433F	Ywhah
P61982	1433G	1433G	Ywhag
P68254	1433T	1433T	Ywhaq
P63101	1433Z	1433Z	Ywhaz
Q76MZ3	2AAA	2AAA	Ppp2r1a
Q99L13	3HIDH	3HIDH	Hibadh
P10852	4F2	4F2	Slc3a2
A0A0A6YW67	A0A0A6YW67	A0A0A6YW67	Gm8797
A2ALL9	A2ALL9	A2ALL9	Atp2b3
Q3UHHJ0	AAK1	AAK1	Aak1
P05201	AATC	AATC	Got1
P05202	AATM	AATM	Got2
Q61102	ABCB7	ABCB7	Abcb7
Q6PE15	ABHDA	ABHDA	Abhd10
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E9Q0W6	E9Q0W6	ABLM2	Ablim2
A0A0R4J0P1	A0A0R4J0P1	ACAD8	Acad8
Q8JZN5	ACAD9	ACAD9	Acad9
A0A0R4J083	A0A0R4J083	ACADL	Acadl
P45952	ACADM	ACADM	Acadm
Q07417	ACADS	ACADS	Acads
P50544	ACADV	ACADV	Acadvl
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Q9DBL1	ACDSB	ACDSB	Acadsb
Q91V92	ACLY	ACLY	Acly
Q9CQR4	ACO13	ACO13	Acot13
Q99KI0	ACON	ACON	Aco2
Q9QYR9	ACOT2	ACOT2	Acot2
Q9R0X4	ACOT9	ACOT9	Acot9
F6ZFT1	F6ZFT1	ACPM	Ndufab1
Q8VCW8	ACSF2	ACSF2	Acsf2
Q5ICG5	Q5ICG5	ACSL6	Acsl6
P63260	ACTG	ACTG	Actg1
A1BN54	A1BN54	ACTN1	Actn1
A0A494BB86	A0A494BB86	ACTZ	Actr1a

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F8WGR0	F8WGR0	ADDA	Add1
Q9QYB8	ADDB	ADDB	Add2
Q9QYB5	ADDG	ADDG	Add3
P48962	ADT1	ADT1	Slc25a4
P51881	ADT2	ADT2	Slc25a5
Q8JZQ2	AFG32	AFG32	Afg3l2
Q9ESW4	AGK	AGK	Agk
B1AU25	B1AU25	AIFM1	Aifm1
P46660	AINX	AINX	Ina
Q9JII6	AK1A1	AK1A1	Akr1a1
Q9CZS1	AL1B1	AL1B1	Aldh1b1
Q8R0Y6	AL1L1	AL1L1	Aldh1l1
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Q8CHT0	AL4A1	AL4A1	Aldh4a1
Q9DBF1	AL7A1	AL7A1	Aldh7a1
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P05063	ALDOC	ALDOC	Aldoc
P45376	ALDR	ALDR	Akr1b1
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Q9CPY7	AMPL	AMPL	Lap3
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P48036	ANXA5	ANXA5	Anxa5
F8WIT2	F8WIT2	ANXA6	Anxa6
Q64133	AOFA	AOFA	Maoa
Q8BW75	AOFB	AOFB	Maob
Q61548	AP180	AP180	Snap91
O35643	AP1B1	AP1B1	Ap1b1
P17426	AP2A1	AP2A1	Ap2a1
P17427	AP2A2	AP2A2	Ap2a2
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O54774	AP3D1	AP3D1	Ap3d1
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P61205	ARF3	ARF3	Arf3
P61750	ARF4	ARF4	Arf4

P61161	ARP2	ARP2	Actr2
Q99JY9	ARP3	ARP3	Actr3
Q9D898	ARP5L	ARP5L	Arpc5l
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H7BWZ3	H7BWZ3	ARPC3	Arpc3
P59999	ARPC4	ARPC4	Arpc4
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Q6PIE5	AT1A2	AT1A2	Atp1a2
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P14231	AT1B2	AT1B2	Atp1b2
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G5E829	AT2B1	AT2B1	Atp2b1
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Q9CQQ7	AT5F1	AT5F1	Atp5pb
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Q925I1	ATAD3	ATAD3	Atad3
E9PV44	E9PV44	ATIF1	Atpif1
Q8BH66	ATLA1	ATLA1	Atl1
P56382	ATP5E	ATP5E	Atp5f1e
Q9DCX2	ATP5H	ATP5H	Atp5pd
Q06185	ATP5I	ATP5I	Atp5me
P97450	ATP5J	ATP5J	Atp5pf
P03930	ATP8	ATP8	Mtatp8
Q03265	ATPA	ATPA	Atp5f1a
P56480	ATPB	ATPB	Atp5f1b
Q9D3D9	ATPD	ATPD	Atp5f1d
Q8C2Q8	Q8C2Q8	ATPG	Atp5c1
P56135	ATPK	ATPK	Atp5mf
Q78IK2	ATPMK	ATPMK	Atp5mk
Q9DB20	ATPO	ATPO	Atp5po
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Q80TZ3	AUXI	AUXI	Dnajc6
B2RXT3	B2RXT3	B2RXT3	Ogdhl
E9PYH2	E9PYH2	BACH	Acot7
B1AZ46	B1AZ46	BAIP2	Baiap2

P18572	BASI	BASI	Bsg
Q91XV3	BASP1	BASP1	Basp1
F7BNZ5	F7BNZ5	BCAS1	Bcas1
Q9CZP5	BCS1	BCS1	Bcs1l
Q80XN0	BDH	BDH	Bdh1
O08539	BIN1	BIN1	Bin1
P20029	BIP	BIP	Hspa5
Q8R164	BPHL	BPHL	Bphl
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O88737	BSN	BSN	Bsn
P14106	C1QB	C1QB	C1qb
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Q3V3R1	C1TM	C1TM	Mthfd1l
E9Q1X8	E9Q1X8	CA2D1	Cacna2d1
Q9WTR5	CAD13	CAD13	Cdh13
D3YYT0	D3YYT0	CADH2	Cdh2
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K4DI58	K4DI58	CADM3	Cadm3
Q8R464	CADM4	CADM4	Cadm4
P00920	CAH2	CAH2	Ca2
Q08331	CALB2	CALB2	Calb2
P0DP26	CALM1	CALM1	Calm1
P14211	CALR	CALR	Calr
P35564	CALX	CALX	Canx
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O08529	CAN2	CAN2	Capn2
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Q6ZQ38	CAND1	CAND1	Cand1
P40124	CAP1	CAP1	Cap1
Q80TJ1	CAPS1	CAPS1	Cadps
P47757	CAPZB	CAPZB	Capzb
P10605	CATB	CATB	Ctsb
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P47754	CAZA2	CAZA2	Capza2
Q00493	CBPE	CBPE	Cpe
P48758	CBR1	CBR1	Cbr1
Q91VT4	CBR4	CBR4	Cbr4
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Q9JKC6	CEND	CEND	Cend1
Q64433	CH10	CH10	Hspe1
P63038	CH60	CH60	Hspd1
Q91WS0	CISD1	CISD1	Cisd1
Q9CZU6	CISY	CISY	Cs
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Q9QYB1	CLIC4	CLIC4	Clc4
Q06890	CLUS	CLUS	Clu
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P16330	CN37	CN37	Cnp
P12960	CNTN1	CNTN1	Cntn1
O54991	CNTP1	CNTP1	Cntnap1
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P18760	COF1	COF1	Cfl1
P45591	COF2	COF2	Cfl2
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P00405	COX2	COX2	Mtco2
P00416	COX3	COX3	mt-Co3
P19783	COX41	COX41	Cox4i1
P12787	COX5A	COX5A	Cox5a
Q9D881	Q9D881	COX5B	Cox5b-ps
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P52825	CPT2	CPT2	Cpt2
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Q71M36	CSPG5	CSPG5	Cspg5
P97315	CSRP1	CSRP1	Csrp1
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Q61301	CTNA2	CTNA2	Ctnna2
Q02248	CTNB1	CTNB1	Ctnnb1
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P56391	CX6B1	CX6B1	Cox6b1
P48771	CX7A2	CX7A2	Cox7a2
P23242	CXA1	CXA1	Gja1

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P62897	CYC	CYC	Cycs
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P48318	DCE1	DCE1	Gad1
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Q99KJ8	DCTN2	DCTN2	Dctn2
Q9CWS0	DDAH1	DDAH1	Ddah1
Q9CQ62	DECR	DECR	Decr1
Q9R0P5	DEST	DEST	Dstn
G3UX44	G3UX44	DHB8	H2-Ke6
P26443	DHE3	DHE3	Glud1
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Q99L04	DHRS1	DHRS1	Dhrs1
Q5U458	DJC11	DJC11	Dnajc11
O08749	DLDH	DLDH	Dld
D3Z3B8	D3Z3B8	DLG1	Dlg1
A0A338P6J0	A0A338P6J0	DLG2	Dlg2
A0A338P6E5	A0A338P6E5	DLG4	Dlg4
D3Z709	D3Z709	DLGP1	Dlgap1
Q0VF59	Q0VF59	DLGP2	Dlgap2
B0V2P5	B0V2P5	DMXL2	Dmxl2
Q9QYJ0	DNJA2	DNJA2	Dnaja2
Q99M87	DNJA3	DNJA3	Dnaja3
A2AUE1	A2AUE1	DNJC5	Dnajc5
Q8K1M6	DNM1L	DNM1L	Dnm1l
Q6NXK7	DPP10	DPP10	Dpp10
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O08553	DPYL2	DPYL2	Dpysl2
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Q9JHU4	DYHC1	DYHC1	Dync1h1
P63168	DYL1	DYL1	Dynll1
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E9QLL2	E9QLL2	DYN3	Dnm3
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O70318	E41L2	E41L2	Epb41l2
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P43006	EAA2	EAA2	Slc1a2
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Q99JY0	ECHB	ECHB	Hadhb
Q8BH95	ECHM	ECHM	Echs1
P42125	ECI1	ECI1	Eci1
P10126	EF1A1	EF1A1	Eef1a1
P62631	EF1A2	EF1A2	Eef1a2
P58252	EF2	EF2	Eef2
Q8K0D5	EFGM	EFGM	Gfm1
Q8C845	Q8C845	EFHD2	Efhd2
Q8BFR5	EFTU	EFTU	Tufm
Q8C522	ENDD1	ENDD1	Endod1
P17182	ENOA	ENOA	Eno1
P17183	ENOG	ENOG	Eno2
P08113	ENPL	ENPL	Hsp90b1
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Q99LC5	ETFA	ETFA	Etfa
Q9DCW4	ETFB	ETFB	Etfb
Q6PF96	Q6PF96	ETFD	Etfdh
Q9DCM0	ETHE1	ETHE1	Ethe1
Q8C163	EXOG	EXOG	Exog
Q9CR98	F136A	F136A	Fam136a
Q05816	FABP5	FABP5	Fabp5
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F8VPU2	FARP1	FARP1	Farp1
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O08917	FLOT1	FLOT1	Flot1
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Q61553	FSCN1	FSCN1	Fscn1
P97807	FUMH	FUMH	Fh
A0A0A0MQF6	A0A0A0MQF6	G3P	Gapdh
G5E8G3	G5E8G3	G5E8G3	Opcml
P06745	G6PI	G6PI	Gpi
Q9WV18	GABR1	GABR1	Gabbr1
Q80T41	GABR2	GABR2	Gabbr2
P61922	GABT	GABT	Abat

Q9D172	GAL3A	GAL3A	Gatd3
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P62880	GBB2	GBB2	Gnb2
P29387	GBB4	GBB4	Gnb4
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P50396	GDIA	GDIA	Gdi1
Q61598	GDIB	GDIB	Gdi2
Q99PT1	GDIR1	GDIR1	Arhgdia
E9Q912	GDS1	GDS1	Rap1gds1
A0JNY3	A0JNY3	GEPH	Gphn
P03995	GFAP	GFAP	Gfap
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P15105	GLNA	GLNA	Glul
E9Q197	E9Q197	GLOD4	Glod4
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P08752	GNAI2	GNAI2	Gnai2
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P63094	GNAS2	GNAS2	Gnas
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P23819	GRIA2	GRIA2	Gria2
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P38647	GRP75	GRP75	Hspa9
Q99LP6	GRPE1	GRPE1	Grpel1

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P62806	H4	H4	H4c16
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A8DUK4	A8DUK4	HBB1	Hbb-b1
A2AFQ2	A2AFQ2	HCD2	Hsd17b10
Q61425	HCDH	HCDH	Hadh
Q640R3	HECAM	HECAM	Hepacam
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Q8QZS1	HIBCH	HIBCH	Hibch
Q9D0S9	HINT2	HINT2	Hint2
P38060	HMGCL	HMGCL	Hmgcl
Q9Z2Y3	HOME1	HOME1	Homer1
E9Q0U7	E9Q0U7	HS105	Hsph1
Q8K0U4	HS12A	HS12A	Hspa12a
P48722	HS74L	HS74L	Hspa4l
P07901	HS90A	HS90A	Hsp90aa1
P11499	HS90B	HS90B	Hsp90ab1
Q3U2G2	Q3U2G2	HSP74	Hspa4
P63017	HSP7C	HSP7C	Hspa8
D3YX27	D3YX27	HTRA2	Htra2
G3UVV4	G3UVV4	HXK1	Hk1
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Q60625	ICAM5	ICAM5	Icam5
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P70404	IDHG1	IDHG1	Idh3g
P54071	IDHP	IDHP	Idh2
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Q80ZJ2	Q80ZJ2	IMPA1	Impa1
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P85094	ISC2A	ISC2A	Isoc2a
P11881	ITPR1	ITPR1	Itpr1
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Q9R0Y5	KAD1	KAD1	Ak1

Q9WTP7	KAD3	KAD3	Ak3
A2ARF6	A2ARF6	KAD4	Ak4
A0A0A6YX73	A0A0A6YX73	KAP2	Prkar2a
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Q04447	KCRB	KCRB	Ckb
P30275	KCRU	KCRU	Ckmt1
E0CZ72	E0CZ72	KIF2A	Kif2a
Q61768	KINH	KINH	Kif5b
P63318	KPCG	KPCG	Prkcg
P52480	KPYM	KPYM	Pkm
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F6RJV6	F6RJV6	LANC2	Lanc12
Q61792	LASP1	LASP1	Lasp1
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A0A6I8MX27	A0A6I8MX27	LDHB	Ldhb
Q9Z2I0	LETM1	LETM1	Letm1
A0A0G2JGB7	A0A0G2JGB7	LGI1	Lgi1
A9DA50	A9DA50	LIGO1	Lingo1
Q9DC07	LNEBL	LNEBL	Nebi
Q8CGK3	LONM	LONM	Lonp1
Q6PB66	LPPRC	LPPRC	Lrpprc
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A0A087WP70	A0A087WP70	LSAMP	Lsamp
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Q9CR62	M2OM	M2OM	Slc25a11
Q922B1	MACD1	MACD1	Macrocl1
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Q3ZB60	Q3ZB60	MAG	Mag
Q8BI08	MAL2	MAL2	Mal2
Q99KE1	MAOM	MAOM	Me2
Q8BMF3	MAON	MAON	Me3
A2ARP8	A2ARP8	MAP1A	Map1a
P14873	MAP1B	MAP1B	Map1b
A0A0G2JDN7	A0A0G2JDN7	MAP4	Map4
Q7TSJ2	MAP6	MAP6	Map6
Q922Q1	MARC2	MARC2	Mtarc2

P26645	MARCS	MARCS	Marcks
Q6PER3	MARE3	MARE3	Mapre3
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Q99MR8	MCCA	MCCA	Mccc1
Q3ULD5	MCCB	MCCB	Mccc2
Q3UMR5	MCU	MCU	Mcu
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P08249	MDHM	MDHM	Mdh2
Q9DCS3	MECR	MECR	Mecr
Q80U63	MFN2	MFN2	Mfn2
D3Z0L4	D3Z0L4	MIC19	Chchd3
Q91VN4	MIC25	MIC25	Chchd6
Q9DCZ4	MIC26	MIC26	Apoo
Q8CAQ8	MIC60	MIC60	Immt
F6WMX7	F6WMX7	MICU3	Micu3
Q8BG51	MIRO1	MIRO1	Rhot1
Q9CXJ4	MITOS	MITOS	Abcb8
Q9EQ20	MMSA	MMSA	Aldh6a1
Q3UY21	Q3UY21	MOG	Mog
P31938	MP2K1	MP2K1	Map2k1
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G5E902	G5E902	MPCP	Slc25a3
Q9WV34	MPP2	MPP2	Mpp2
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Q791V5	MTCH2	MTCH2	Mtch2
O88441	MTX2	MTX2	Mtx2
P16332	MUTA	MUTA	Mmut
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Q3UH59	Q3UH59	MYH10	Myh10
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D3YZ62	D3YZ62	MYO5A	Myo5a
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P60202	MYPR	MYPR	Plp1
Q8K596	NAC2	NAC2	Slc8a2
A0A7N9VS49	A0A7N9VS49	NAKD2	Nadk2
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O35136	NCAM2	NCAM2	Ncam2
Q9Z0E0	NCDN	NCDN	Ncdn

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Q9CPP6	NDUA5	NDUA5	Ndufa5
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Q9Z1P6	NDUA7	NDUA7	Ndufa7
Q9DCJ5	NDUA8	NDUA8	Ndufa8
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Q99LC3	NDUAA	NDUAA	Ndufa10
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Q9CQC7	NDUB4	NDUB4	Ndufb4
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Q9D6J5	NDUB8	NDUB8	Ndufb8
Q9CQJ8	NDUB9	NDUB9	Ndufb9
Q9DCS9	NDUBA	NDUBA	Ndufb10
Q9CQ54	NDUC2	NDUC2	Ndufc2
Q91VD9	NDUS1	NDUS1	Ndufs1
Q91WD5	NDUS2	NDUS2	Ndufs2
Q9DCT2	NDUS3	NDUS3	Ndufs3
E9QPX3	E9QPX3	NDUS4	Ndufs4
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Q9DC70	NDUS7	NDUS7	Ndufs7
D3YUM1	D3YUM1	NDUV1	Ndufv1
Q9D6J6	NDUV2	NDUV2	Ndufv2
Q9CR95	NECP1	NECP1	Necap1
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P06837	NEUM	NEUM	Gap43
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P19246	NFH	NFH	Nefh
P08551	NFL	NFL	Nefl
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Q7TMG8	Q7TMG8	NIPS2	Nipsnap2

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A3KGE4	A3KGE4	NOE1	Olfm1
P97300	NPTN	NPTN	Nptn
Q62443	NPTX1	NPTX1	Nptx1
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P46460	NSF	NSF	Nsf
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P03921	NU5M	NU5M	Mtnd5
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P53395	ODB2	ODB2	Dbt
Q60597	ODO1	ODO1	Ogdh
Q9D2G2	ODO2	ODO2	Dlst
Q8BMF4	ODP2	ODP2	Dlat
P35486	ODPA	ODPA	Pdha1
Q9D051	ODPB	ODPB	Pdhb
Q8BKZ9	ODPX	ODPX	Pdhx
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Q9JLB0	PALS2	PALS2	Pals2
Q91ZA3	PCCA	PCCA	Pcca
Q99MN9	PCCB	PCCB	Pccb
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Q9QXV0	PCS1N	PCS1N	Pcsk1n
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Q62048	PEA15	PEA15	Pea15
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P47857	PFKAM	PFKAM	Pfkm
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Q80TL4	PHF24	PHF24	Phf24
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P63328	PP2BA	PP2BA	Ppp3ca
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P20108	PRDX3	PRDX3	Prdx3
P99029	PRDX5	PRDX5	Prdx5
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P62962	PROF1	PROF1	Pfn1
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E9PUL5	PRRT2	PRRT2	Prrt2
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Q9CQ69	QCR8	QCR8	Uqcrq
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Q91V41	RAB14	RAB14	Rab14
P62821	RAB1A	RAB1A	Rab1A
P35282	RAB21	RAB21	Rab21
P53994	RAB2A	RAB2A	Rab2a
Q6PHN9	RAB35	RAB35	Rab35
P63011	RAB3A	RAB3A	Rab3a
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P35279	RAB6A	RAB6A	Rab6a
P51150	RAB7A	RAB7A	Rab7a
P61028	RAB8B	RAB8B	Rab8b
P63321	RALA	RALA	Rala
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P62746	RHOB	RHOB	Rhob
P52760	RIDA	RIDA	Rida
P35979	RL12	RL12	Rpl12
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P27659	RL3	RL3	Rpl3
P62918	RL8	RL8	Rpl8
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P47708	RP3A	RP3A	Rph3a
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Q91YQ5	RPN1	RPN1	Rpn1
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P31650	S6A11	S6A11	Slc6a11

Q80SW1	SAHH2	SAHH2	Ahcy11
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O35874	SATT	SATT	Slc1a4
P31648	SC6A1	SC6A1	Slc6a1
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Q6GQS1	SCMC3	SCMC3	Slc25a23
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P32020	SCP2	SCP2	Scp2
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Q8K2B3	SDHA	SDHA	Sdha
Q9CQA3	SDHB	SDHB	Sdhb
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A0A2R8W6V9	A0A2R8W6V9	SEPT3	Septin3
A0A338P6R8	A0A338P6R8	SEPT5	Septin5
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B1AQY9	B1AQY9	SEPT8	Septin8
A2A6U3	A2A6U3	SEPT9	Septin9
Q61753	SERA	SERA	Phgdh
Q99K85	SERC	SERC	Psat1
Q99JR1	SFXN1	SFXN1	Sfxn1
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Q8BRQ9	Q8BRQ9	SFXN5	Sfxn5
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A0A1C7ZMY3	A0A1C7ZMY3	SHAN2	Shank2
Q4ACU6	SHAN3	SHAN3	Shank3
A2AWI7	A2AWI7	SHLB2	Sh3glb2
P97797	SHPS1	SHPS1	Sirpa
Q8C3Q5	SHSA7	SHSA7	Shisa7
A0A140LHL5	A0A140LHL5	SIR2	Sirt2
Q9DB05	SNAA	SNAA	Napa

P28663	SNAB	SNAB	Napb
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O55100	SNG1	SNG1	Syngr1
Q8R191	SNG3	SNG3	Syngr3
P60879	SNP25	SNP25	Snap25
B2FDF6	B2FDF6	SNP47	Snap47
Q80U23	SNPH	SNPH	Snph
P08228	SODC	SODC	Sod1
P09671	SODM	SODM	Sod2
Q6NZL0	SOGA3	SOGA3	Soga3
G3UXX3	G3UXX3	SPRE	Spr
E9Q397	E9Q397	SPTB1	Sptb
Q62261	SPTB2	SPTB2	Sptbn1
A3KGU7	A3KGU7	SPTN1	Sptan1
Q921L6	Q921L6	SRC8	Ctnn
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Q8BWF0	SSDH	SSDH	Aldh5a1
Q99JB2	STML2	STML2	Stoml2
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P61264	STX1B	STX1B	Stx1b
O08599	STXB1	STXB1	Stxbp1
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O88935	SYN1	SYN1	Syn1
Q64332	SYN2	SYN2	Syn2
D3Z656	D3Z656	SYNJ1	Synj1
Q8CC35	SYNPO	SYNPO	Synpo
Q62277	SYPH	SYPH	Syp
P46096	SYT1	SYT1	Syt1
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Q9R1Q8	TAGL3	TAGL3	Tagln3
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Q9D6F9	TBB4A	TBB4A	Tubb4a
P99024	TBB5	TBB5	Tubb5
P11983	TCPA	TCPA	Tcp1
P80314	TCPB	TCPB	Cct2
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P80316	TCPE	TCPE	Cct5
P80318	TCPG	TCPG	Cct3
P80313	TCPH	TCPH	Cct7
P42932	TCPQ	TCPQ	Cct8
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Q01853	TERA	TERA	Vcp
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Q8QZT1	THIL	THIL	Acat1
Q8BWT1	THIM	THIM	Acaa2
P10639	THIO	THIO	Txn
Q99J99	THTM	THTM	Mpst
P52196	THTR	THTR	Tst
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P62073	TIM10	TIM10	Timm10
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O35857	TIM44	TIM44	Timm44
Q9D880	TIM50	TIM50	Timm50
Q9WV98	TIM9	TIM9	Timm9
P40142	TKT	TKT	Tkt
Q4VAE3	TMM65	TMM65	Tmem65
Q9JKK7	TMOD2	TMOD2	Tmod2
Q9CPQ3	TOM22	TOM22	Tomm22
Q9CZW5	TOM70	TOM70	Tomm70
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P17751	TPIS	TPIS	Tpi1
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Q8JZU2	TXTP	TXTP	Slc25a1

Q02053	UBA1	UBA1	Uba1
P61089	UBE2N	UBE2N	Ube2n
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P51863	VA0D1	VA0D1	Atp6v0d1
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B0QZN5	B0QZN5	VAMP2	Vamp2
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Q62465	VAT1	VAT1	Vat1
P50516	VATA	VATA	Atp6v1a
P62814	VATB2	VATB2	Atp6v1b2
Q9Z1G3	VATC1	VATC1	Atp6v1c1
P57746	VATD	VATD	Atp6v1d
P50518	VATE1	VATE1	Atp6v1e1
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O35633	VIAAT	VIAAT	Slc32a1
P20152	VIME	VIME	Vim
P62761	VISL1	VISL1	Vsnl1
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P24549	AL1A1	AL1A1	Aldh1a1
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P62331	ARF6	ARF6	Arf6
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Q8CG76	ARK72	ARK72	Akr7a2
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Q8BHE3	ATCAY	ATCAY	Atcay
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Q9JM96	BORG4	BORG4	Cdc42ep4
Q9DB72	BTBDH	BTBDH	Btbd17
F8WGB3	F8WGB3	C560	Sdhc
E9Q683	E9Q683	CA2D2	Cacna2d2
H7BX88	H7BX88	CACP	Crat
P70408	CAD10	CAD10	Cdh10
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P12658	CALB1	CALB1	Calb1
D3YTR7	D3YTR7	CAP2	Cap2
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P53702	CCHL	CCHL	Hccs
P60766	CDC42	CDC42	Cdc42
Q9D8B3	CHM4B	CHM4B	Chmp4b
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Q8R4N0	CLYBL	CLYBL	Clybl
Q8BIG7	CMTD1	CMTD1	Comtd1
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P97742	CPT1A	CPT1A	Cpt1a
O54983	CRYM	CRYM	Crym
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Q8R404	MIC13	MIC13	Micos13
Q78IK4	MIC27	MIC27	Apool
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PPT1 KO 4 Month Lipofuscin Proteome (n = 935)

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B1AWD8	B1AWD8	CLCA	Clta
Q6IRU5	CLCB	CLCB	Cltb
Q5SXR6	Q5SXR6	CLH1	Cltc
Q9QYB1	CLIC4	CLIC4	Clic4
Q06890	CLUS	CLUS	Clu
Q3U5Q7	CMPK2	CMPK2	Cmpk2
P16330	CN37	CN37	Cnp
Q5M8N0	CNRP1	CNRP1	Cnrip1
P12960	CNTN1	CNTN1	Cntn1
O54991	CNTP1	CNTP1	Cntnap1
E9QNF7	E9QNF7	CNTP2	Cntnap2
F8WGL3	F8WGL3	COF1	Cfl1
P45591	COF2	COF2	Cfl2
Q8BMS4	COQ3	COQ3	Coq3
Q9WUM4	COR1C	COR1C	Coro1c

P00405	COX2	COX2	Mtco2
P00416	COX3	COX3	mt-Co3
P19783	COX41	COX41	Cox4i1
P12787	COX5A	COX5A	Cox5a
Q9D881	Q9D881	COX5B	Cox5b-ps
Q9CPQ1	COX6C	COX6C	Cox6c
P84086	CPLX2	CPLX2	Cplx2
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P52825	CPT2	CPT2	Cpt2
O54983	CRYM	CRYM	Crym
Q60737	CSK21	CSK21	Csnk2a1
Q6P9K8	CSKI1	CSKI1	Caskin1
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Q71M36	CSPG5	CSPG5	Cspg5
P97315	CSRP1	CSRP1	Csrp1
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Q02248	CTNB1	CTNB1	Ctnnb1
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P56391	CX6B1	CX6B1	Cox6b1
P48771	CX7A2	CX7A2	Cox7a2
P23242	CXA1	CXA1	Gja1
Q9D0M3	CY1	CY1	Cyc1
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P62897	CYC	CYC	Cycs
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P48318	DCE1	DCE1	Gad1
P48320	DCE2	DCE2	Gad2
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Q9CWS0	DDAH1	DDAH1	Ddah1
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P51660	DHB4	DHB4	Hsd17b4
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P26443	DHE3	DHE3	Glud1
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Q5U458	DJC11	DJC11	Dnajc11
O08749	DLDH	DLDH	Dld
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Q62188	DPYL3	DPYL3	Dpysl3
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P43006	EAA2	EAA2	Slc1a2
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P42125	ECI1	ECI1	Eci1
P10126	EF1A1	EF1A1	Eef1a1
P62631	EF1A2	EF1A2	Eef1a2
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P58252	EF2	EF2	Eef2
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P50396	GDIA	GDIA	Gdi1
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O08795	GLU2B	GLU2B	Prkcsh

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P18872	GNAO	GNAO	Gnao1
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P63094	GNAS2	GNAS2	Gnas
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P01942	HBA	HBA	Hba
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Q640R3	HECAM	HECAM	Hepacam
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Q9D0S9	HINT2	HINT2	Hint2
P38060	HMGCL	HMGCL	Hmgcl
Q9Z2Y3	HOME1	HOME1	Homer1
E9PV73	E9PV73	HPCA	Hpca
E9Q0U7	E9Q0U7	HS105	Hsph1
Q8K0U4	HS12A	HS12A	Hspa12a
P48722	HS74L	HS74L	Hspa4l
P07901	HS90A	HS90A	Hsp90aa1
P11499	HS90B	HS90B	Hsp90ab1
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P63017	HSP7C	HSP7C	Hspa8
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P70404	IDHG1	IDHG1	ldh3g
P54071	IDHP	IDHP	ldh2
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P11881	ITPR1	ITPR1	ltpr1
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P50446	K2C6A	K2C6A	Krt6a
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A0A0A6YX73	A0A0A6YX73	KAP2	Prkar2a
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P05132	KAPCA	KAPCA	Prkaca
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P28652	KCC2B	KCC2B	Camk2b
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Q04447	KCRB	KCRB	Ckb
P30275	KCRU	KCRU	Ckmt1
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Q61768	KINH	KINH	Kif5b
P68404	KPCB	KPCB	Prkcb
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P52480	KPYM	KPYM	Pkm
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P60469	LIPA3	LIPA3	Ppfia3
Q9DC07	LNEBL	LNEBL	Nebi
Q8CGK3	LONM	LONM	Lonp1
Q6PB66	LPPRC	LPPRC	Lrpprc
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Q9CR62	M2OM	M2OM	Slc25a11
Q922B1	MACD1	MACD1	Macrocl1
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Q3ZB60	Q3ZB60	MAG	Mag
Q8BI08	MAL2	MAL2	Mal2
Q99KE1	MAOM	MAOM	Me2
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P14873	MAP1B	MAP1B	Map1b
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P26645	MARCS	MARCS	Marcks
Q6PER3	MARE3	MARE3	Mapre3
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Q99MR8	MCCA	MCCA	Mccc1
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Q9CTY5	MICU3	MICU3	Micu3
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Q8BG51	MIRO1	MIRO1	Rhot1
Q9CXJ4	MITOS	MITOS	Abcb8
Q9EQ20	MMSA	MMSA	Aldh6a1
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P53986	MOT1	MOT1	Slc16a1
P31938	MP2K1	MP2K1	Map2k1
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P60202	MYPR	MYPR	Plp1
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P13595	NCAM1	NCAM1	Ncam1
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Q7TMF3	NDUAC	NDUAC	Ndufa12
Q9ERS2	NDUAD	NDUAD	Ndufa13
Q9CQC7	NDUB4	NDUB4	Ndufb4
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Q9CQJ8	NDUB9	NDUB9	Ndufb9
Q9DCS9	NDUBA	NDUBA	Ndufb10
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Q91VD9	NDUS1	NDUS1	Ndufs1
Q91WD5	NDUS2	NDUS2	Ndufs2
Q9DCT2	NDUS3	NDUS3	Ndufs3
E9QPX3	E9QPX3	NDUS4	Ndufs4
B1ARW4	B1ARW4	NDUS5	Ndufs5
A0A1Y7VM38	A0A1Y7VM38	NDUS6	Ndufs6
Q9DC70	NDUS7	NDUS7	Ndufs7
D3YUM1	D3YUM1	NDUV1	Ndufv1
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Q9CR95	NECP1	NECP1	Necap1
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P06837	NEUM	NEUM	Gap43
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Q810U3	NFASC	NFASC	Nfasc
P19246	NFH	NFH	Nefh
P08551	NFL	NFL	Nefl
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P70441	NHRF1	NHRF1	Slc9a3r1
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J3QMM7	J3QMM7	NNRD	Naxd
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PPT1 KO 7 Month Lipofuscin Proteome (n = 916)

UniProt Accession	SWISSPROT Accession	UniProt ID	Gene Name
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B1ATI0	B1ATI0	AL3A2	Aldh3a2
Q8CHT0	AL4A1	AL4A1	Aldh4a1
Q9DBF1	AL7A1	AL7A1	Aldh7a1
Q9JLJ2	AL9A1	AL9A1	Aldh9a1
P47738	ALDH2	ALDH2	Aldh2
P05064	ALDOA	ALDOA	Aldoa
P05063	ALDOC	ALDOC	Aldoc
P45376	ALDR	ALDR	Akr1b1
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Q9CPY7	AMPL	AMPL	Lap3
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S4R2K9	S4R2K9	ANK3	Ank3
P48036	ANXA5	ANXA5	Anxa5
F8WIT2	F8WIT2	ANXA6	Anxa6
Q64133	AOFA	AOFA	Maoa
Q8BW75	AOFB	AOFB	Maob
Q61548	AP180	AP180	Snap91
O35643	AP1B1	AP1B1	Ap1b1
P17426	AP2A1	AP2A1	Ap2a1
P17427	AP2A2	AP2A2	Ap2a2
Q9DBG3	AP2B1	AP2B1	Ap2b1
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O54774	AP3D1	AP3D1	Ap3d1
P08226	APOE	APOE	Apoe
A0A5F8MQ17	A0A5F8MQ17	AQP4	Aqp4
Q7TS64	Q7TS64	ARBK1	Grk2
Q9R0Q6	ARC1A	ARC1A	Arpc1a
P61205	ARF3	ARF3	Arf3
P61750	ARF4	ARF4	Arf4
P62331	ARF6	ARF6	Arf6
Q3TGS9	Q3TGS9	ARFG1	Arfgap1
Q9CQW2	ARL8B	ARL8B	Arl8b
Q9D0L7	ARM10	ARM10	Armc10
P61161	ARP2	ARP2	Actr2
A0A087WQ14	A0A087WQ14	ARP3	Actr3
Q9D898	ARP5L	ARP5L	Arpc5l
D3YXG6	D3YXG6	ARPC2	Arpc2
H7BWZ3	H7BWZ3	ARPC3	Arpc3
P59999	ARPC4	ARPC4	Arpc4
Q3UA72	Q3UA72	ARPC5	Arpc5
Q9WV54	ASAH1	ASAH1	Asah1
Q8C0M9	ASGL1	ASGL1	Asrgl1
Q8VDN2	AT1A1	AT1A1	Atp1a1

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P14094	AT1B1	AT1B1	Atp1b1
P14231	AT1B2	AT1B2	Atp1b2
P97370	AT1B3	AT1B3	Atp1b3
O55143	AT2A2	AT2A2	Atp2a2
G5E829	AT2B1	AT2B1	Atp2b1
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E9Q828	E9Q828	AT2B4	Atp2b4
Q9CQQ7	AT5F1	AT5F1	Atp5pb
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Q8BH66	ATLA1	ATLA1	AtI1
P56382	ATP5E	ATP5E	Atp5f1e
B1ASE2	B1ASE2	ATP5H	Atp5h
Q06185	ATP5I	ATP5I	Atp5me
P97450	ATP5J	ATP5J	Atp5pf
Q9CRA7	ATP5S	ATP5S	Dmac2I
P03930	ATP8	ATP8	Mtatzp8
Q03265	ATPA	ATPA	Atp5f1a
P56480	ATPB	ATPB	Atp5f1b
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Q8C2Q8	Q8C2Q8	ATPG	Atp5c1
P56135	ATPK	ATPK	Atp5mf
Q78IK2	ATPMK	ATPMK	Atp5mk
Q9DB20	ATPO	ATPO	Atp5po
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P04919	B3AT	B3AT	Slc4a1
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P18572	BASI	BASI	Bsg
Q91XV3	BASP1	BASP1	Basp1
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Q9CZP5	BCS1	BCS1	Bcs1l
Q80XN0	BDH	BDH	Bdh1
O08539	BIN1	BIN1	Bin1
P20029	BIP	BIP	Hspa5
Q8R164	BPHL	BPHL	Bphl
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O88737	BSN	BSN	Bsn
P14106	C1QB	C1QB	C1qb
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Q02105	C1QC	C1QC	C1qc
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Q3V3R1	C1TM	C1TM	Mthfd1l
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B7ZDD7	B7ZDD7	CACP	Crat
Q9WTR5	CAD13	CAD13	Cdh13
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Q8R464	CADM4	CADM4	Cadm4
P00920	CAH2	CAH2	Ca2
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P0DP26	CALM1	CALM1	Calm1
P14211	CALR	CALR	Calr
P35564	CALX	CALX	Canx
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O08529	CAN2	CAN2	Capn2
Q63810	CANB1	CANB1	Ppp3r1
Q6ZQ38	CAND1	CAND1	Cand1
P40124	CAP1	CAP1	Cap1
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P47757	CAPZB	CAPZB	Capzb
P10605	CATB	CATB	Ctsb
F8WIR1	F8WIR1	CATD	Ctsd
Q9R013	CATF	CATF	Ctsf
P47754	CAZA2	CAZA2	Capza2
Q00493	CBPE	CBPE	Cpe
P48758	CBR1	CBR1	Cbr1
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P35762	CD81	CD81	Cd81
P60766	CDC42	CDC42	Cdc42
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Q9JKC6	CEND	CEND	Cend1
Q64433	CH10	CH10	Hspe1
P63038	CH60	CH60	Hspd1
Q9D1L0	CHCH2	CHCH2	Chchd2
Q91WS0	CISD1	CISD1	Cisd1
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F7DCH5	F7DCH5	CLAP2	Clasp2
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Q60771	CLD11	CLD11	Cldn11
Q5SXR6	Q5SXR6	CLH1	Cltc
Q9QYB1	CLIC4	CLIC4	Clc4
Q06890	CLUS	CLUS	Clu
Q8R4N0	CLYBL	CLYBL	Clybl
Q3U5Q7	CMPK2	CMPK2	Cmpk2
P16330	CN37	CN37	Cnp
O88507	CNTFR	CNTFR	Cntfr
P12960	CNTN1	CNTN1	Cntn1
O54991	CNTP1	CNTP1	Cntnap1
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P45591	COF2	COF2	Cfl2
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O89053	COR1A	COR1A	Coro1a
P00405	COX2	COX2	Mtco2
P00416	COX3	COX3	mt-Co3
P19783	COX41	COX41	Cox4i1
P12787	COX5A	COX5A	Cox5a
Q9D881	Q9D881	COX5B	Cox5b-ps
Q9CPQ1	COX6C	COX6C	Cox6c
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P84086	CPLX2	CPLX2	Cplx2
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P52825	CPT2	CPT2	Cpt2
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Q60737	CSK21	CSK21	Csnk2a1
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A0A067XG53	A0A067XG53	CSKP	Cask
G3XA35	G3XA35	CSPG2	Vcan
Q71M36	CSPG5	CSPG5	Cspg5
P97315	CSRP1	CSRP1	Csrp1
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Q02248	CTNB1	CTNB1	Ctnnb1
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P56391	CX6B1	CX6B1	Cox6b1
P48771	CX7A2	CX7A2	Cox7a2
P23242	CXA1	CXA1	Gja1
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P62897	CYC	CYC	Cycs
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P48318	DCE1	DCE1	Gad1
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P50171	DHB8	DHB8	Hsd17b8
P26443	DHE3	DHE3	Glud1
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Q99L04	DHRS1	DHRS1	Dhrs1
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Q5U458	DJC11	DJC11	Dnajc11
O08749	DLDH	DLDH	Dld
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Q0VF59	Q0VF59	DLGP2	Dlgap2
B1AZP2	DLGP4	DLGP4	Dlgap4

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Q99M87	DNJA3	DNJA3	Dnaja3
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Q8K1M6	DNM1L	DNM1L	Dnm1l
A0A5F8MPK1	A0A5F8MPK1	DPP10	Dpp10
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Q6P1J1	Q6P1J1	DPYL1	Crmp1
O08553	DPYL2	DPYL2	Dpysl2
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Q9JHU4	DYHC1	DYHC1	Dync1h1
P63168	DYL1	DYL1	Dynll1
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A2AUK5	A2AUK5	E41L1	Epb41l1
O70318	E41L2	E41L2	Epb41l2
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P56564	EAA1	EAA1	Slc1a3
P43006	EAA2	EAA2	Slc1a2
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Q99JY0	ECHB	ECHB	Hadhb
Q8BH95	ECHM	ECHM	Echs1
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P62631	EF1A2	EF1A2	Eef1a2
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P62869	ELOB	ELOB	Elob
Q8C522	ENDD1	ENDD1	Endod1
P17182	ENOA	ENOA	Eno1
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P08113	ENPL	ENPL	Hsp90b1
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Q99LC5	ETFA	ETFA	Etfa
Q9DCW4	ETFB	ETFB	Etfb
Q6PF96	Q6PF96	ETFD	Etfdh
Q9DCM0	ETHE1	ETHE1	Ethe1
Q8C163	EXOG	EXOG	Exog
P26040	EZRI	EZRI	Ezr
Q9CR98	F136A	F136A	Fam136a
Q9D6U8	F162A	F162A	Fam162a
Q05816	FABP5	FABP5	Fabp5

P11404	FABPH	FABPH	Fabp3
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F8VPU2	FARP1	FARP1	Farp1
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O08917	FLOT1	FLOT1	Flot1
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Q61553	FSCN1	FSCN1	Fscn1
P97807	FUMH	FUMH	Fh
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P06745	G6PI	G6PI	Gpi
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P61922	GABT	GABT	Abat
Q9D172	GAL3A	GAL3A	Gatd3
Q8BHN3	GANAB	GANAB	Ganab
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P62880	GBB2	GBB2	Gnb2
P29387	GBB4	GBB4	Gnb4
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P63213	GBG2	GBG2	Gng2
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P50571	GBRB1	GBRB1	Gabrb1
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P50396	GDIA	GDIA	Gdi1
Q61598	GDIB	GDIB	Gdi2
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P03995	GFAP	GFAP	Gfap
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P15105	GLNA	GLNA	Glul
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O08795	GLU2B	GLU2B	Prkcsh
P21278	GNA11	GNA11	Gna11
P27601	GNA13	GNA13	Gna13
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P08752	GNAI2	GNAI2	Gnai2
P18872	GNAO	GNAO	Gnao1
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P63094	GNAS2	GNAS2	Gnas
O70443	GNAZ	GNAZ	Gnaz

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P38647	GRP75	GRP75	Hspa9
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P19157	GSTP1	GSTP1	Gstp1
P32037	GTR3	GTR3	Slc2a3
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P43274	H14	H14	H1-4
Q6ZWY9	H2B1C	H2B1C	H2bc8
P62806	H4	H4	H4c16
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P01942	HBA	HBA	Hba
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Q640R3	HECAM	HECAM	Hepacam
A0A494BAI5	A0A494BAI5	HEMH	Fech
Q8QZS1	HIBCH	HIBCH	Hibch
Q9D0S9	HINT2	HINT2	Hint2
Q9CPS6	HINT3	HINT3	Hint3
P38060	HMGCL	HMGCL	Hmgcl
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E9Q0I7	E9Q0I7	HOME1	Homer1
E9PV73	E9PV73	HPCA	Hpca
Q80WM4	HPLN4	HPLN4	Hapln4
E9Q0U7	E9Q0U7	HS105	Hsph1
Q8K0U4	HS12A	HS12A	Hspa12a
E0CY23	E0CY23	HS74L	Hspa4l
P07901	HS90A	HS90A	Hsp90aa1
P11499	HS90B	HS90B	Hsp90ab1
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P63017	HSP7C	HSP7C	Hspa8
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Q60625	ICAM5	ICAM5	Icam5
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P70404	IDHG1	IDHG1	Idh3g
P54071	IDHP	IDHP	Idh2
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P85094	ISC2A	ISC2A	Isoc2a
A0A1Y7VK19	A0A1Y7VK19	ISCA2	Isca2
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P04104	K2C1	K2C1	Krt1
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Q9WTP7	KAD3	KAD3	Ak3
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P11798	KCC2A	KCC2A	Camk2a
P28652	KCC2B	KCC2B	Camk2b
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Q9CQX8	KGD4	KGD4	Mrps36
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Q61768	KINH	KINH	Kif5b
P63318	KPCG	KPCG	Prkcg
P52480	KPYM	KPYM	Pkm
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P11438	LAMP1	LAMP1	Lamp1
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Q61792	LASP1	LASP1	Lasp1
Q9Z127	LAT1	LAT1	Slc7a5
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A0A6I8MX27	A0A6I8MX27	LDHB	Ldhb
Q9Z2I0	LETM1	LETM1	Letm1
A0A0G2JGB7	A0A0G2JGB7	LGI1	Lgi1
Q8K406	LGI3	LGI3	Lgi3
A9DA50	A9DA50	LIGO1	Lingo1
P63005	LIS1	LIS1	Pafah1b1
Q9DC07	LNEBL	LNEBL	Nebi
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Q6PB66	LPPRC	LPPRC	Lrpprc
A0A0R4J0I9	A0A0R4J0I9	LRP1	Lrp1
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Q8K356	Q8K356	LY6H	Ly6h
F6QHD1	F6QHD1	LYRIC	Mtdh
Q9CR62	M2OM	M2OM	Slc25a11

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Q3ZB60	Q3ZB60	MAG	Mag
Q8BI08	MAL2	MAL2	Mal2
Q99KE1	MAOM	MAOM	Me2
Q8BMF3	MAON	MAON	Me3
A2ARP8	A2ARP8	MAP1A	Map1a
P14873	MAP1B	MAP1B	Map1b
A0A0G2JDN7	A0A0G2JDN7	MAP4	Map4
Q7TSJ2	MAP6	MAP6	Map6
Q922Q1	MARC2	MARC2	Mtarc2
P26645	MARCS	MARCS	Marcks
Q6PER3	MARE3	MARE3	Mapre3
A0A498WGS3	A0A498WGS3	MBP	Mbp
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Q3ULD5	MCCB	MCCB	Mccc2
Q3UMR5	MCU	MCU	Mcu
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P08249	MDHM	MDHM	Mdh2
Q9DCS3	MECR	MECR	Mecr
Q80U63	MFN2	MFN2	Mfn2
Q7TNS2	MIC10	MIC10	Micos10
Q9CRB9	MIC19	MIC19	Chchd3
E9Q4M4	E9Q4M4	MIC25	Chchd6
Q9DCZ4	MIC26	MIC26	Apoo
Q78IK4	MIC27	MIC27	Apool
Q8CAQ8	MIC60	MIC60	Immt
Q9CTY5	MICU3	MICU3	Micu3
Q8BG51	MIRO1	MIRO1	Rhot1
Q3URS9	MITOK	MITOK	Ccdc51
Q9CXJ4	MITOS	MITOS	Abcb8
Q3THE2	ML12B	ML12B	Myl12b
Q9D273	MMAB	MMAB	Mmab
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P53986	MOT1	MOT1	Slc16a1
P31938	MP2K1	MP2K1	Map2k1
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Q9WV34	MPP2	MPP2	Mpp2
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P16332	MUTA	MUTA	Mmut
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Q8VDD5	MYH9	MYH9	Myh9

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Q5SYD0	MYO1D	MYO1D	Myo1d
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P60202	MYPR	MYPR	Plp1
Q8K596	NAC2	NAC2	Slc8a2
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P13595	NCAM1	NCAM1	Ncam1
O35136	NCAM2	NCAM2	Ncam2
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Q9ERS2	NDUAD	NDUAD	Ndufa13
Q9CQC7	NDUB4	NDUB4	Ndufb4
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Q9CR61	NDUB7	NDUB7	Ndufb7
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Q9CQJ8	NDUB9	NDUB9	Ndufb9
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Q8BK30	NDUV3	NDUV3	Ndufv3
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P08551	NFL	NFL	Nefl
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P46460	NSF	NSF	Nsf
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P29758	OAT	OAT	Oat
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Q91ZA3	PCCA	PCCA	Pcca
Q99MN9	PCCB	PCCB	Pccb
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Q9QXV0	PCS1N	PCS1N	Pcsk1n
P09103	PDIA1	PDIA1	P4hb
P27773	PDIA3	PDIA3	Pdia3
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Q62048	PEA15	PEA15	Pea15
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P47857	PFKAM	PFKAM	Pfkm

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P62715	PP2AB	PP2AB	Ppp2cb
P63328	PP2BA	PP2BA	Ppp3ca
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P24369	PPIB	PPIB	Ppib
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P20108	PRDX3	PRDX3	Prdx3
P99029	PRDX5	PRDX5	Prdx5
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P62962	PROF1	PROF1	Pfn1
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P80560	PTPR2	PTPR2	Ptprn2
P18052	PTPRA	PTPRA	Ptpra
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Q9DB60	PXL2B	PXL2B	Prxl2b
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Q9DB77	QCR2	QCR2	Uqcrc2
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Q9CQ69	QCR8	QCR8	Uqcrq
Q8R111	QCR9	QCR9	Uqcr10
Q3UNZ8	QORL2	QORL2	Cryzl2
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P35282	RAB21	RAB21	Rab21
P53994	RAB2A	RAB2A	Rab2a
Q6PHN9	RAB35	RAB35	Rab35
P63011	RAB3A	RAB3A	Rab3a
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P35279	RAB6A	RAB6A	Rab6a
P51150	RAB7A	RAB7A	Rab7a
P61028	RAB8B	RAB8B	Rab8b
P60764	RAC3	RAC3	Rac3
P63321	RALA	RALA	Rala
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P62835	RAP1A	RAP1A	Rap1a
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Q9ERI6	RDH14	RDH14	Rdh14
G3X8R0	G3X8R0	REEP5	Reep5
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P62746	RHOB	RHOB	Rhob
P84096	RHOG	RHOG	Rhog
P52760	RIDA	RIDA	Rida
A2BH06	A2BH06	RL11	Rpl11
P35979	RL12	RL12	Rpl12
P47963	RL13	RL13	Rpl13
Q9CR57	RL14	RL14	Rpl14
Q9CZM2	RL15	RL15	Rpl15
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P61358	RL27	RL27	Rpl27
P41105	RL28	RL28	Rpl28
P27659	RL3	RL3	Rpl3
P62889	RL30	RL30	Rpl30
Q9D8E6	RL4	RL4	Rpl4
P47911	RL6	RL6	Rpl6
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P62918	RL8	RL8	Rpl8
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P99027	RLA2	RLA2	Rplp2
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Q8CI78	RMND1	RMND1	Rmnd1
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Q91YQ5	RPN1	RPN1	Rpn1
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P62754	RS6	RS6	Rps6
P62242	RS8	RS8	Rps8
Q80X85	RT07	RT07	Mrps7

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Q91VE0	S27A4	S27A4	Slc27a4
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Q5DTL9	S4A10	S4A10	Slc4a10
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P31650	S6A11	S6A11	Slc6a11
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P31648	SC6A1	SC6A1	Slc6a1
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Q8C8N2	SCAI	SCAI	Scai
Q8K021	SCAM1	SCAM1	Scamp1
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Q6GQS1	SCMC3	SCMC3	Slc25a23
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P32020	SCP2	SCP2	Scp2
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P97797	SHPS1	SHPS1	Sirpa
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P28663	SNAB	SNAB	Napb
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O55100	SNG1	SNG1	Syngr1
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P60879	SNP25	SNP25	Snap25
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Q80U23	SNPH	SNPH	Snph
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P08228	SODC	SODC	Sod1
P09671	SODM	SODM	Sod2
Q6NZL0	SOGA3	SOGA3	Soga3
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E9Q397	E9Q397	SPTB1	Sptb
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P05480	SRC	SRC	Src
Q921L6	Q921L6	SRC8	Cttn
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O88935	SYN1	SYN1	Syn1
Q64332	SYN2	SYN2	Syn2
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Q8CC35	SYNPO	SYNPO	Synpo
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P46096	SYT1	SYT1	Syt1

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P99024	TBB5	TBB5	Tubb5
P11983	TCPA	TCPA	Tcp1
P80314	TCPB	TCPB	Cct2
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P80316	TCPE	TCPE	Cct5
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P42932	TCPQ	TCPQ	Cct8
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P62073	TIM10	TIM10	Timm10
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Q9CQ85	TIM22	TIM22	Timm22
O35857	TIM44	TIM44	Timm44
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Q9WV98	TIM9	TIM9	Timm9
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Q9CR76	TM186	TM186	Tmem186
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P20152	VIME	VIME	Vim
P62761	VISL1	VISL1	Vsnl1
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O88342	WDR1	WDR1	Wdr1
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WT 12 Month Lipofuscin Proteome (n = 1014)

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P18572	BASI	BASI	Bsg
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P58252	EF2	EF2	Eef2

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Q05816	FABP5	FABP5	Fabp5
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Q6NS60	FBX41	FBX41	Fbxo41
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P26883	FKB1A	FKB1A	Fkbp1a
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P97807	FUMH	FUMH	Fh
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P06745	G6PI	G6PI	Gpi
Q9WV18	GABR1	GABR1	Gabbr1
Q80T41	GABR2	GABR2	Gabbr2
P61922	GABT	GABT	Abat
Q9D172	GAL3A	GAL3A	Gatd3
Q9CZD3	GARS	GARS	Gars1
P62874	GBB1	GBB1	Gnb1
P62880	GBB2	GBB2	Gnb2

P29387	GBB4	GBB4	Gnb4
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P63213	GBG2	GBG2	Gng2
P62812	GBRA1	GBRA1	Gabra1
P50571	GBRB1	GBRB1	Gabrb1
P63137	GBRB2	GBRB2	Gabrb2
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P50396	GDIA	GDIA	Gdi1
Q61598	GDIB	GDIB	Gdi2
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Q9DB41	GHC2	GHC2	Slc25a18
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P21278	GNA11	GNA11	Gna11
P27601	GNA13	GNA13	Gna13
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P18872	GNAO	GNAO	Gnao1
P21279	GNAQ	GNAQ	Gnaq
P63094	GNAS2	GNAS2	Gnas
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Q64521	GPDM	GPDM	Gpd2
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P38647	GRP75	GRP75	Hspa9
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P17809	GTR1	GTR1	Slc2a1
P32037	GTR3	GTR3	Slc2a3
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P62806	H4	H4	H4c16
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A8DUK4	A8DUK4	HBB1	Hbb-b1
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Q9CPS6	HINT3	HINT3	Hint3
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Q99JP6	HOME3	HOME3	Homer3
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P11499	HS90B	HS90B	Hsp90ab1
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P54071	IDHP	IDHP	Idh2
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P68404	KPCB	KPCB	Prkcb
P63318	KPCG	KPCG	Prkcg
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Q61792	LASP1	LASP1	Lasp1
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Q9JIA1	LGI1	LGI1	Lgi1
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Q99KE1	MAOM	MAOM	Me2
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P14873	MAP1B	MAP1B	Map1b
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Q922Q1	MARC2	MARC2	Mtarc2
P26645	MARCS	MARCS	Marcks
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Q3ULD5	MCCB	MCCB	Mccc2
Q3UMR5	MCU	MCU	Mcu
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P08249	MDHM	MDHM	Mdh2
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Q80U63	MFN2	MFN2	Mfn2
Q9CPU4	MGST3	MGST3	Mgst3
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Q9CRB9	MIC19	MIC19	Chchd3
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Q9DCZ4	MIC26	MIC26	Apoo
Q78IK4	MIC27	MIC27	Apool
Q8CAQ8	MIC60	MIC60	Immt
Q9CTY5	MICU3	MICU3	Micu3
P34884	MIF	MIF	Mif
Q8BG51	MIRO1	MIRO1	Rhot1
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P06837	NEUM	NEUM	Gap43

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P08551	NFL	NFL	Nefl
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P27773	PDIA3	PDIA3	Pdia3
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Q62048	PEA15	PEA15	Pea15
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P12382	PFKAL	PFKAL	Pfkl
P47857	PFKAM	PFKAM	Pfkm
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Q80TL4	PHF24	PHF24	Phf24
O70172	PI42A	PI42A	Pip4k2a
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A2AS45	A2AS45	PKP4	Pkp4
Q9Z1B3	PLCB1	PLCB1	Plcb1
O35405	PLD3	PLD3	Pld3
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P62137	PP1A	PP1A	Ppp1ca
P62715	PP2AB	PP2AB	Ppp2cb

P63328	PP2BA	PP2BA	Ppp3ca
P17742	PPIA	PPIA	Ppia
P24369	PPIB	PPIB	Ppib
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P20108	PRDX3	PRDX3	Prdx3
P99029	PRDX5	PRDX5	Prdx5
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P32848	PRVA	PRVA	Pvalb
Q11011	PSA	PSA	Npepps
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P42669	PURA	PURA	Pura
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Q8CI94	PYGB	PYGB	Pygb
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Q9CPX8	QCR10	QCR10	Uqcr11
Q9DB77	QCR2	QCR2	Uqcrc2
P99028	QCR6	QCR6	Uqcrh
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P62911	RL32	RL32	Rpl32
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P12970	RL7A	RL7A	Rpl7a
P62918	RL8	RL8	Rpl8
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P09671	SODM	SODM	Sod2
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WT 18 Month Lipofuscin Proteome (n = 1855)

UniProt Accession	SWISSPROT Accession	UniProt ID	Gene Name
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P17426	AP2A1	AP2A1	Ap2a1
P17427	AP2A2	AP2A2	Ap2a2
Q9DBG3	AP2B1	AP2B1	Ap2b1
Q3TWW4	Q3TWW4	AP2M1	Ap2m1
P62743	AP2S1	AP2S1	Ap2s1
Q9JME5	AP3B2	AP3B2	Ap3b2
O54774	AP3D1	AP3D1	Ap3d1
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P56380	AP4A	AP4A	Nudt2
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P08226	APOE	APOE	Apoe
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P84084	ARF5	ARF5	Arf5
P62331	ARF6	ARF6	Arf6
V9GWW1	V9GWW1	ARFG1	Arfgap1

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Q9D0L7	ARM10	ARM10	Armc10
Q9D7A8	ARMC1	ARMC1	Armc1
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Q99JY9	ARP3	ARP3	Actr3
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P59999	ARPC4	ARPC4	Arpc4
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Q61137	ASTN1	ASTN1	Astn1
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P14094	AT1B1	AT1B1	Atp1b1
P14231	AT1B2	AT1B2	Atp1b2
P97370	AT1B3	AT1B3	Atp1b3
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G5E829	AT2B1	AT2B1	Atp2b1
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E9Q828	E9Q828	AT2B4	Atp2b4
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P56382	ATP5E	ATP5E	Atp5f1e
Q9DCX2	ATP5H	ATP5H	Atp5pd
Q06185	ATP5I	ATP5I	Atp5me
P97450	ATP5J	ATP5J	Atp5pf
Q9CPQ8	ATP5L	ATP5L	Atp5mg
Q9CRA7	ATP5S	ATP5S	Dmac2l
P00848	ATP6	ATP6	Mtatl6
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P03930	ATP8	ATP8	Mtatl8
Q03265	ATPA	ATPA	Atp5f1a
P56480	ATPB	ATPB	Atp5f1b
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P56135	ATPK	ATPK	Atp5mf
Q78IK2	ATPMK	ATPMK	Atp5mk
Q9DB20	ATPO	ATPO	Atp5po
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Q61335	BAP31	BAP31	Bcap31
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O08539	BIN1	BIN1	Bin1
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Q9Z1L5	CA2D3	CA2D3	Cacna2d3
Q06138	CAB39	CAB39	Cab39
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Q8R464	CADM4	CADM4	Cadm4
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P00920	CAH2	CAH2	Ca2
P12658	CALB1	CALB1	Calb1
Q08331	CALB2	CALB2	Calb2
P0DP26	CALM1	CALM1	Calm1
P14211	CALR	CALR	Calr
O35887	CALU	CALU	Calu
P35564	CALX	CALX	Canx
Q3UHL1	CAMKV	CAMKV	Camkv
O08529	CAN2	CAN2	Capn2
Q63810	CANB1	CANB1	Ppp3r1
Q6ZQ38	CAND1	CAND1	Cand1
P40124	CAP1	CAP1	Cap1
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P47757	CAPZB	CAPZB	Capzb
P24270	CATA	CATA	Cat
P10605	CATB	CATB	Ctsb
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P47753	CAZA1	CAZA1	Capza1
P47754	CAZA2	CAZA2	Capza2
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Q00493	CBPE	CBPE	Cpe
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P56528	CD38	CD38	Cd38
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P63038	CH60	CH60	Hspd1
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Q06890	CLUS	CLUS	Clu
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Q3U5Q7	CMPK2	CMPK2	Cmpk2
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P16330	CN37	CN37	Cnp
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O88507	CNTFR	CNTFR	Cntfr
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Q61330	CNTN2	CNTN2	Cntn2
O54991	CNTP1	CNTP1	Cntnap1
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P11087	CO1A1	CO1A1	Col1a1
Q8BGD8	COA6	COA6	Coa6
Q9DBL7	COASY	COASY	Coasy
P18760	COF1	COF1	Cfl1
P45591	COF2	COF2	Cfl2
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Q9CXI0	COQ5	COQ5	Coq5
F6ZE40	COQ6	COQ6	Coq6
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F7B1B6	F7B1B6	COQ8A	Coq8a
F6SFF5	F6SFF5	COQ9	Coq9
O89053	COR1A	COR1A	Coro1a
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Q9WUM4	COR1C	COR1C	Coro1c
Q8BH44	COR2B	COR2B	Coro2b
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P00405	COX2	COX2	Mtco2
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P00416	COX3	COX3	mt-Co3
P19783	COX41	COX41	Cox4i1
P12787	COX5A	COX5A	Cox5a

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P84086	CPLX2	CPLX2	Cplx2
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Q0VE82	CPNE7	CPNE7	Cpne7
O88456	CPNS1	CPNS1	Capns1
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P52825	CPT2	CPT2	Cpt2
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Q60737	CSK21	CSK21	Csnk2a1
O54833	CSK22	CSK22	Csnk2a2
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Q6P9K8	CSKI1	CSKI1	Caskin1
O70589	CSKP	CSKP	Cask
P61202	CSN2	CSN2	Cops2
O88544	CSN4	CSN4	Cops4
O35864	CSN5	CSN5	Cops5
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Q9CZ04	CSN7A	CSN7A	Cops7a
Q8VBV7	CSN8	CSN8	Cops8
G3XA35	G3XA35	CSPG2	Vcan
Q71M36	CSPG5	CSPG5	Cspg5
P97315	CSRP1	CSRP1	Csrp1
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P26231	CTNA1	CTNA1	Ctnna1
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Q02248	CTNB1	CTNB1	Ctnnb1
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P48771	CX7A2	CX7A2	Cox7a2
P23242	CXA1	CXA1	Gja1
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P62897	CYC	CYC	Cybs
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Q8R1Q8	DC1L1	DC1L1	Dync1li1
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P48318	DCE1	DCE1	Gad1
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E9Q919	E9Q919	DCTN3	Dctn3
Q8CBY8	DCTN4	DCTN4	Dctn4
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Q62167	DDX3X	DDX3X	Ddx3x
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P43006	EAA2	EAA2	Slc1a2
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P62631	EF1A2	EF1A2	Eef1a2
O70251	EF1B	EF1B	Eef1b
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P62869	ELOB	ELOB	Elob
P21995	EMB	EMB	Emb
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P17183	ENOG	ENOG	Eno2
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P08113	ENPL	ENPL	Hsp90b1
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Q03137	EPHA4	EPHA4	Epha4
Q80VP1	EPN1	EPN1	Epn1
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Q5EBJ4	ERMIN	ERMIN	Ermn
P57759	ERP29	ERP29	Erp29
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Q99LC5	ETFA	ETFA	Etfa
Q9DCW4	ETFB	ETFB	Etfb
Q6PF96	Q6PF96	ETFD	Etfdh
Q9DCM0	ETHE1	ETHE1	Ethe1
Q9D4H1	EXOC2	EXOC2	Exoc2
O35382	EXOC4	EXOC4	Exoc4
Q3TPX4	EXOC5	EXOC5	Exoc5
Q8C163	EXOG	EXOG	Exog
P26040	EZRI	EZRI	Ezr
F8WJK8	F8WJK8	F10A1	St13
Q9CR98	F136A	F136A	Fam136a
Q9D6U8	F162A	F162A	Fam162a
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F6TVX7	F6TVX7	F6TVX7	Gm20671
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F8VQK3	F8VQK3	F8VQK3	Gucy1a2
P35505	FAAA	FAAA	Fah
O08914	FAAH1	FAAH1	Faah
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Q05816	FABP5	FABP5	Fabp5
P11404	FABPH	FABPH	Fabp3
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Q3TDN2	FAF2	FAF2	Faf2

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Q8CIB5	FERM2	FERM2	Fermt2
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P30416	FKBP4	FKBP4	Fkbp4
O35465	FKBP8	FKBP8	Fkbp8
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Q61553	FSCN1	FSCN1	Fscn1
P97807	FUMH	FUMH	Fh
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A2RT62	FXL16	FXL16	Fbxl16
P39688	FYN	FYN	Fyn
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P06745	G6PI	G6PI	Gpi
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P61922	GABT	GABT	Abat
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P63216	GBG3	GBG3	Gng3
P50153	GBG4	GBG4	Gng4
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P63137	GBRB2	GBRB2	Gabrb2
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Q61598	GDIB	GDIB	Gdi2
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Q9DB41	GHC2	GHC2	Slc25a18
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O08795	GLU2B	GLU2B	Prkcsh
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P27601	GNA13	GNA13	Gna13
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P21279	GNAQ	GNAQ	Gnaq
P63094	GNAS2	GNAS2	Gnas
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P10649	GSTM1	GSTM1	Gstm1
P48774	GSTM5	GSTM5	Gstm5
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P19157	GSTP1	GSTP1	Gstp1
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P32037	GTR3	GTR3	Slc2a3
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P62806	H4	H4	H4c16
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O88703	HCN2	HCN2	Hcn2
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P20060	HEXB	HEXB	Hexb
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P84075	HPCA	HPCA	Hpca
P62748	HPCL1	HPCL1	Hpcal1
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P00493	HPRT	HPRT	Hprt1
Q61699	HS105	HS105	Hsph1
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P17879	HS71B	HS71B	Hspa1b
P48722	HS74L	HS74L	Hspa4l
P07901	HS90A	HS90A	Hsp90aa1
P11499	HS90B	HS90B	Hsp90ab1
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P63017	HSP7C	HSP7C	Hspa8
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P70404	IDHG1	IDHG1	Idh3g
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Q9D819	IPYR	IPYR	Ppa1
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P05132	KAPCA	KAPCA	Prkaca
P68181	KAPCB	KAPCB	Prkacb
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P16054	KPCE	KPCE	Prkce
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P11438	LAMP1	LAMP1	Lamp1
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Q61792	LASP1	LASP1	Lasp1
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P60469	LIPA3	LIPA3	Ppfia3
P63005	LIS1	LIS1	Pafah1b1
P24527	LKHA4	LKHA4	Lta4h
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Q9WTL7	LYPA2	LYPA2	Lypla2
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Q9DA03	LYRM7	LYRM7	Lyrm7
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Q8BHE8	MAIP1	MAIP1	Maip1
Q8BI08	MAL2	MAL2	Mal2
Q99KE1	MAOM	MAOM	Me2
Q8BMF3	MAON	MAON	Me3
P06801	MAOX	MAOX	Me1
A2ARP8	A2ARP8	MAP1A	Map1a
P14873	MAP1B	MAP1B	Map1b
P27546	MAP4	MAP4	Map4
Q7TSJ2	MAP6	MAP6	Map6
Q922Q1	MARC2	MARC2	Mtarc2
P26645	MARCS	MARCS	Marcks
D3YYK8	D3YYK8	MARE2	Mapre2
Q6PER3	MARE3	MARE3	Mapre3
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Q8BL86	MBLC2	MBLC2	Mblac2
Q8CHK3	MBOA7	MBOA7	Mboat7
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Q99MR8	MCCA	MCCA	Mccc1
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Q9D1I5	MCEE	MCEE	Mcee
Q3UMR5	MCU	MCU	Mcu
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Q7TNS2	MIC10	MIC10	Micos10
Q8R404	MIC13	MIC13	Micos13
Q9CRB9	MIC19	MIC19	Chchd3
Q91VN4	MIC25	MIC25	Chchd6
Q9DCZ4	MIC26	MIC26	Apoo
Q78IK4	MIC27	MIC27	Apool
Q8CAQ8	MIC60	MIC60	Immt
Q8VCX5	MICU1	MICU1	Micu1
Q9CTY5	MICU3	MICU3	Micu3
P34884	MIF	MIF	Mif

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Q8JZN7	MIRO2	MIRO2	Rhot2
Q3URS9	MITOK	MITOK	Ccdc51
Q9CXJ4	MITOS	MITOS	Abcb8
Q8R3Q6	MIX23	MIX23	Mix23
P63085	MK01	MK01	Mapk1
Q63844	MK03	MK03	Mapk3
Q61831	MK10	MK10	Mapk10
Q3THE2	ML12B	ML12B	Myl12b
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P26041	MOES	MOES	Msn
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P53986	MOT1	MOT1	Slc16a1
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P47809	MP2K4	MP2K4	Map2k4
P63030	MPC1	MPC1	Mpc1
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P28667	MRP	MRP	Marcks1
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Q08642	PADI2	PADI2	Padi2
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P32883	RASK	RASK	Kras
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O08989	RASM	RASM	Mras
P46638	RB11B	RB11B	Rab11b
Q99P58	RB27B	RB27B	Rab27b
O35963	RB33B	RB33B	Rab33b
Q8BHC1	RB39B	RB39B	Rab39b
Q8BP92	RCN2	RCN2	Rcn2
P54728	RD23B	RD23B	Rad23b
Q9ERI6	RDH14	RDH14	Rdh14
Q8VCD6	REEP2	REEP2	Reep2
G3X8R0	G3X8R0	REEP5	Reep5
A0A087WSS1	A0A087WSS1	RELCH	Relch
Q8CHX7	RFTN2	RFTN2	Rftn2
A0A087WNZ9	A0A087WNZ9	RGS6	Rgs6
Q80XD3	Q80XD3	RGS7	Rgs7
Q5FWK3	RHG01	RHG01	Arhgap1
Q5SSM3	RHG44	RHG44	Arhgap44
A0A0A6YXF6	A0A0A6YXF6	RHOA	Rhoa
P62746	RHOB	RHOB	Rhob
P84096	RHOG	RHOG	Rhog
P52760	RIDA	RIDA	Rida
A0A0G2JFB0	A0A0G2JFB0	RIMB2	Rimbp2
F6TZK4	F6TZK4	RIMS1	Rims1
Q6ZWW3	RL10	RL10	Rpl10
A0A3B2WBL1	A0A3B2WBL1	RL10A	Rpl10a
Q9CXW4	RL11	RL11	Rpl11
P35979	RL12	RL12	Rpl12
P47963	RL13	RL13	Rpl13
Q9CR57	RL14	RL14	Rpl14
Q9CZM2	RL15	RL15	Rpl15
Q6ZWZ7	Q6ZWZ7	RL17	Rpl17
A0A1B0GQU8	A0A1B0GQU8	RL18	Rpl18
A0A1D5RLW5	A0A1D5RLW5	RL18A	Rpl18a
A2A547	A2A547	RL19	Rpl19
O09167	RL21	RL21	Rpl21
P67984	RL22	RL22	Rpl22
P62751	RL23A	RL23A	Rpl23a
Q8BP67	RL24	RL24	Rpl24
B1ARA3	B1ARA3	RL26	Rpl26
P61358	RL27	RL27	Rpl27
P14115	RL27A	RL27A	Rpl27a
P41105	RL28	RL28	Rpl28
P27659	RL3	RL3	Rpl3
A0A2I3BQF4	A0A2I3BQF4	RL30	Rpl30
A0A0G2JEY6	A0A0G2JEY6	RL34	Rpl34
Q6ZWZ4	Q6ZWZ4	RL36	Rpl36
Q9D8E6	RL4	RL4	Rpl4
P47962	RL5	RL5	Rpl5

P47911	RL6	RL6	Rpl6
P14148	RL7	RL7	Rpl7
P12970	RL7A	RL7A	Rpl7a
P62918	RL8	RL8	Rpl8
P14869	RLA0	RLA0	Rplp0
P47955	RLA1	RLA1	Rplp1
P99027	RLA2	RLA2	Rplp2
Q99N96	RM01	RM01	Mrpl1
D3Z456	D3Z456	RM03	Mrpl3
Q9DCU6	RM04	RM04	Mrpl4
Q3TBW2	RM10	RM10	Mrpl10
Q9CQF0	RM11	RM11	Mrpl11
Q9DB15	RM12	RM12	Mrpl12
Q99N93	RM16	RM16	Mrpl16
Q9D338	RM19	RM19	Mrpl19
Q8BU88	RM22	RM22	Mrpl22
Q9CQ06	RM24	RM24	Mrpl24
Q9D1B9	RM28	RM28	Mrpl28
Q921S7	RM37	RM37	Mrpl37
Q8K2M0	RM38	RM38	Mrpl38
Q9JKF7	RM39	RM39	Mrpl39
Q9CQN7	RM41	RM41	Mrpl41
Q9CY73	RM44	RM44	Mrpl44
Q9D0Q7	RM45	RM45	Mrpl45
Q9EQI8	RM46	RM46	Mrpl46
A0A140LHT6	A0A140LHT6	RM48	Mrpl48
Q9CQ40	RM49	RM49	Mrpl49
Q8VDT9	RM50	RM50	Mrpl50
Q9D1H8	RM53	RM53	Mrpl53
Q9CPW3	RM54	RM54	Mrpl54
Q3UJU9	RMD3	RMD3	Rmdn3
Q9JI90	RNF14	RNF14	Rnf14
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A0A0N4SUM2	A0A0N4SUM2	ROA2	Hnrnpa2b1
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Q3TDK6	ROGDI	ROGDI	Rogdi
P47708	RP3A	RP3A	Rph3a
A2ASW8	A2ASW8	RPGF4	Rapgef4
A2ALS5	RPGP1	RPGP1	Rap1gap
Q91YQ5	RPN1	RPN1	Rpn1
A2ACG7	A2ACG7	RPN2	Rpn2
J3QMX0	J3QMX0	RPP14	Rpp14
Q9D6S7	RRFM	RRFM	Mrrf
A0A1B0GSE8	A0A1B0GSE8	RS11	Rps11
F7AEH4	F7AEH4	RS12	Rps12
Q921R2	Q921R2	RS13	Rps13
P62264	RS14	RS14	Rps14
P62245	RS15A	RS15A	Rps15a
P63276	RS17	RS17	Rps17
D3YUG3	D3YUG3	RS19	Rps19
P25444	RS2	RS2	Rps2
P60867	RS20	RS20	Rps20

P62908	RS3	RS3	Rps3
P97351	RS3A	RS3A	Rps3a
P62702	RS4X	RS4X	Rps4x
Q91V55	Q91V55	RS5	Rps5
P62754	RS6	RS6	Rps6
P62082	RS7	RS7	Rps7
P62242	RS8	RS8	Rps8
Q6ZWN5	RS9	RS9	Rps9
P14206	RSSA	RSSA	Rpsa
Q924T2	RT02	RT02	Mrps2
Q99N87	RT05	RT05	Mrps5
P58064	RT06	RT06	Mrps6
Q80X85	RT07	RT07	Mrps7
Q9D7N3	RT09	RT09	Mrps9
Q3U8Y1	Q3U8Y1	RT11	Mrps11
Q9CXW2	RT22	RT22	Mrps22
F7ARZ1	F7ARZ1	RT23	Mrps23
Q8BK72	RT27	RT27	Mrps27
Q9CY16	RT28	RT28	Mrps28
G3X9M0	G3X9M0	RT29	Dap3
Q9D0G0	RT30	RT30	Mrps30
Q61733	RT31	RT31	Mrps31
Q9JIK9	RT34	RT34	Mrps34
A0A0R4J0L6	A0A0R4J0L6	RT35	Mrps35
A0A0R4J0S3	A0A0R4J0S3	RT4I1	Rtn4ip1
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Q9ES97	RTN3	RTN3	Rtn3
Q99P72	RTN4	RTN4	Rtn4
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F6U7V1	F6U7V1	RYR2	Ryr2
P50114	S100B	S100B	S100b
Q91V77	Q91V77	S10A1	S100a1
P63084	S10A5	S10A5	S100a5
E9QM38	E9QM38	S12A2	Slc12a2
A0A076FR46	A0A076FR46	S12A5	Slc12a5
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Q99J08	S14L2	S14L2	Sec14I2
Q3UHH2	S22AN	S22AN	Slc22a23
Q8BH59	S2512	S2512	Slc25a12
Q9QXX4	S2513	S2513	Slc25a13
Q3TZX3	S2533	S2533	Slc25a33
Q8BGP6	S2540	S2540	Slc25a40
Q9CQS4	S2546	S2546	Slc25a46
A2AKW0	A2AKW0	S2551	Slc25a51
Q8VEM8	MPCP	S25A3	Slc25a3
Q60714	S27A1	S27A1	Slc27a1
Q91VE0	S27A4	S27A4	Slc27a4
A0A0A6YWF5	A0A0A6YWF5	S38A3	Slc38a3
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Q5DTL9	S4A10	S4A10	Slc4a10
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P31650	S6A11	S6A11	Slc6a11

A0A0R4J087	A0A0R4J087	S6A17	Slc6a17
Q8BXR1	S7A14	S7A14	Slc7a14
Q9EP69	SAC1	SAC1	Sacm1l
P50247	SAHH	SAHH	Ahcy
Q80SW1	SAHH2	SAHH2	Ahcyl1
F8WGT1	F8WGT1	SAHH3	Ahcyl2
Q8BGH2	SAM50	SAM50	Samm50
J3QPG5	J3QPG5	SAP	Psap
A0A1W2P6N3	A0A1W2P6N3	SAR1A	Sar1a
Q99LB7	SARDH	SARDH	Sardh
O35874	SATT	SATT	Slc1a4
O08547	SC22B	SC22B	Sec22b
E9Q1S3	E9Q1S3	SC23A	Sec23a
P31648	SC6A1	SC6A1	Slc6a1
Q6PGE7	SC6A7	SC6A7	Slc6a7
E9Q3V0	E9Q3V0	SC6A9	Slc6a9
Q8C8N2	SCAI	SCAI	Scai
Q8K021	SCAM1	SCAM1	Scamp1
Q3UXS0	Q3UXS0	SCAM3	Scamp3
Q9JKD3	SCAM5	SCAM5	Scamp5
P16014	SCG1	SCG1	Chgb
Q4W8U9	Q4W8U9	SCG2	Scg2
A2ASZ8	SCMC2	SCMC2	Slc25a25
Q6GQS1	SCMC3	SCMC3	Slc25a23
P97952	SCN1B	SCN1B	Scn1b
A0A5H1ZRM8	A0A5H1ZRM8	SCN2A	Scn2a
Q56A07	SCN2B	SCN2B	Scn2b
Q5SUC9	SCO1	SCO1	Sco1
Q9D0K2	SCOT1	SCOT1	Oxct1
P32020	SCP2	SCP2	Scp2
Q8R127	SCPDL	SCPDL	Sccpdh
O35114	SCRB2	SCRB2	Scarb2
Q9CZC8	SCRN1	SCRN1	Scrn1
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Q8K2B3	SDHA	SDHA	Sdha
Q9CQA3	SDHB	SDHB	Sdhb
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P42208	SEPT2	SEPT2	Septin2
Q9Z1S5	SEPT3	SEPT3	Septin3
A0A5F8MP96	A0A5F8MP96	SEPT4	Septin4
Q9R1T4	SEPT6	SEPT6	Septin6
E9Q1G8	E9Q1G8	SEPT7	Septin7
B7ZC46	B7ZC46	SEPT8	Septin8
A2A6U3	A2A6U3	SEPT9	Septin9
Q61753	SERA	SERA	Phgdh
Q99K85	SERC	SERC	Psat1
Q9QZI8	SERC1	SERC1	Serinc1
Q99JR1	SFXN1	SFXN1	Sfxn1
Q91V61	SFXN3	SFXN3	Sfxn3
Q8BRQ9	Q8BRQ9	SFXN5	Sfxn5
Q8VD37	SGIP1	SGIP1	Sgip1
B2RQR5	B2RQR5	SGSM1	Sgsm1

Q9CX34	SGT1	SGT1	Sugt1
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Q62419	SH3G1	SH3G1	Sh3gl1
A2ALV3	A2ALV3	SH3G2	Sh3gl2
A0A0R4J0B8	A0A0R4J0B8	SH3G3	Sh3gl3
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Q91VW3	SH3L3	SH3L3	Sh3bgrl3
D3YZU4	D3YZU4	SHAN1	Shank1
D3Z5K8	D3Z5K8	SHAN2	Shank2
Q4ACU6	SHAN3	SHAN3	Shank3
A0A0G2JEC4	A0A0G2JEC4	SHLB1	Sh3glb1
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P97797	SHPS1	SHPS1	Sirpa
Q8C3Q5	SHSA7	SHSA7	Shisa7
A0A140LHL5	A0A140LHL5	SIR2	Sirt2
Q8K2C6	SIR5	SIR5	Sirt5
Q9WTX5	SKP1	SKP1	Skp1
A2AQ25	SKT	SKT	Skt
Q61165	SL9A1	SL9A1	Slc9a1
F8WHU8	F8WHU8	SLIRP	Slirp
Q91VZ6	SMAP1	SMAP1	Smap1
Q9DB05	SNAA	SNAA	Napa
P28663	SNAB	SNAB	Napb
D3Z4B2	D3Z4B2	SNAG	Napg
Q3TJ56	Q3TJ56	SND1	Snd1
O55100	SNG1	SNG1	Syngr1
Q8R191	SNG3	SNG3	Syngr3
P60879	SNP25	SNP25	Snap25
Q8R570	SNP47	SNP47	Snap47
Q80U23	SNPH	SNPH	Snph
Q6NZD2	Q6NZD2	SNX1	Snx1
O70493	SNX12	SNX12	Snx12
Q3UHD6	SNX27	SNX27	Snx27
Q78ZM0	Q78ZM0	SNX3	Snx3
Q91YJ2	SNX4	SNX4	Snx4
Q9D8U8	SNX5	SNX5	Snx5
P08228	SODC	SODC	Sod1
P09671	SODM	SODM	Sod2
Q6NZL0	SOGA3	SOGA3	Soga3
Q6P069	SORCN	SORCN	Sri
F8WIV2	F8WIV2	SPB6	Serpinb6a
D3YXB7	D3YXB7	SPG7	Spg7
Q9ESJ4	SPN90	SPN90	Nckipsd
Q91XH5	Q91XH5	SPRE	Spr
Q91WK1	SPRY4	SPRY4	Spryd4
Q62261	SPTB2	SPTB	Sptbn1
Q3UGX2	Q3UGX2	SPTB1	Sptb
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A3KGU7	A3KGU7	SPTN1	Sptan1
Q9R112	SQOR	SQOR	Sqor
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Q60598	SRC8	SRC8	Cttn
B1AQX6	B1AQX6	SRCN1	Srcin1
A0A087WNM1	A0A087WNM1	SRGP2	Srgap2
F8VPQ4	F8VPQ4	SRGP3	Srgap3
Q64674	SPEE	SRMS	Srm
Q9QZX7	SRR	SRR	Srr
Q8R2K3	Q8R2K3	SSBP	Ssbp1
Q8BWF0	SSDH	SSDH	Aldh5a1
P63046	ST4A1	ST4A1	Sult4a1
Q5DQR4	STB5L	STB5L	Stxbp5l
Q60864	STIP1	STIP1	Stip1
A2AD84	A2AD84	STK26	Stk26
Q99JB2	STML2	STML2	Stoml2
P54227	STMN1	STMN1	Stmn1
F8WH41	F8WH41	STRN	Strn
A0A1B0GS08	A0A1B0GS08	STUM	Stum
Q9ER00	STX12	STX12	Stx12
O35526	STX1A	STX1A	Stx1a
P61264	STX1B	STX1B	Stx1b
Q9JKK1	STX6	STX6	Stx6
O08599	STXB1	STXB1	Stxbp1
D3Z079	D3Z079	STXB5	Stxbp5
Q3TYA4	Q3TYA4	STXB6	Stxbp6
Q9WUM5	SUCA	SUCA	Suc1g1
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Q9Z2I8	SUCB2	SUCB2	Suc1g2
Q8R086	SUOX	SUOX	Suox
A0A0A6YVR9	A0A0A6YVR9	SURF1	Surf1
Q80YD1	SUV3	SUV3	Supv3l1
Q9JIS5	SV2A	SV2A	Sv2a
Q8BG39	SV2B	SV2B	Sv2b
A2RSH4	A2RSH4	SV2C	Sv2c
Q8BGQ7	SYAC	SYAC	Aars1
G3X975	G3X975	SYCM	Cars2
Q922B2	SYDC	SYDC	Dars1
Q8BIP0	SYDM	SYDM	Dars2
A0A0A6YVS6	A0A0A6YVS6	SYGP1	Syngap1
Q8BIJ6	SYIM	SYIM	lars2
Q8R2P8	Q8R2P8	SYK	Kars
O88935	SYN1	SYN1	Syn1
Q64332	SYN2	SYN2	Syn2
Q8JZP2	SYN3	SYN3	Syn3
A0A494BB89	A0A494BB89	SYNC	Nars
A0A1L1STC6	A0A1L1STC6	SYNE1	Syne1
D3Z656	D3Z656	SYNJ1	Synj1
Q8CC35	SYNPO	SYNPO	Synpo
A0A286YDB6	A0A286YDB6	SYNPR	Synpr
Q62277	SYPH	SYPH	Syp
O09117	SYPL1	SYPL1	Sypl1
A8Y5T6	A8Y5T6	SYPM	Pars2
Q8C483	Q8C483	SYSC	Sars
Q9JL8	SYSM	SYSM	Sars2

P46096	SYT1	SYT1	Syt1
Q920N7	SYT12	SYT12	Syt12
A0A0R4J2C2	A0A0R4J2C2	SYT2	Syt2
G3X9Y1	G3X9Y1	SYT3	Syt3
A0A494BB44	A0A494BB44	SYT7	Syt7
O55042	SYUA	SYUA	Snca
Q91ZZ3	SYUB	SYUB	Sncb
G3UZ22	G3UZ22	SYVC	Vars
P32921	SYWC	SYWC	Wars1
Q91WQ3	SYYC	SYYC	Yars1
Q8BYL4	SYYM	SYYM	Yars2
Q9D8Y1	T126A	T126A	Tmem126a
Q8K0Z7	TACO1	TACO1	Taco1
Q9R1Q8	TAGL3	TAGL3	Tagln3
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A0A0A0MQC7	A0A0A0MQC7	TAU	Mapt
P68369	TBA1A	TBA1A	Tuba1a
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Q7TMM9	TBB2A	TBB2A	Tubb2a
Q9CWF2	TBB2B	TBB2B	Tubb2b
Q9ERD7	TBB3	TBB3	Tubb3
Q9D6F9	TBB4A	TBB4A	Tubb4a
P68372	TBB4B	TBB4B	Tubb4b
P99024	TBB5	TBB5	Tubb5
A0A0J9YUB2	A0A0J9YUB2	TBC24	Tbc1d24
P11983	TCPA	TCPA	Tcp1
P80314	TCPB	TCPB	Cct2
G5E839	G5E839	TCPD	Cct4
P80316	TCPE	TCPE	Cct5
P80318	TCPG	TCPG	Cct3
P80313	TCPH	TCPH	Cct7
P42932	TCPQ	TCPQ	Cct8
Q80VP0	TCPR1	TCPR1	Tecpr1
Q52KG9	Q52KG9	TCPZ	Cct6a
P63028	TCTP	TCTP	Tpt1
A0A0G2JE08	A0A0G2JE08	TDRKH	Tdrkh
Q9R0Q7	TEBP	TEBP	Ptges3
G3UWE1	G3UWE1	TECR	Tecr
Q8BYI9	TENR	TENR	Tnr
Q01853	TERA	TERA	Vcp
A0A0R4J088	A0A0R4J088	TF	F3
A0A0R4J1N9	A0A0R4J1N9	TFAM	Tfam
Q62351	TFR1	TFR1	Tfrc
Q3UUI3	THEM4	THEM4	Them4
Q8CAY6	THIC	THIC	Acat2
Q921H8	THIKA	THIKA	Acaa1a
Q8QZT1	THIL	THIL	Acat1
Q8BWT1	THIM	THIM	Acaa2
P10639	THIO	THIO	Txn
G3UZY2	G3UZY2	THIOM	Txn2
Q8BH55	THNS1	THNS1	Thnsl1

Q99J99	THTM	THTM	Mpst
P52196	THTR	THTR	Tst
A0A1L1SUX8	A0A1L1SUX8	THY1	Thy1
P62075	TIM13	TIM13	Timm13
Z4YN86	Z4YN86	TIM22	Timm22
Q8BGX2	TIM29	TIM29	Timm29
O35857	TIM44	TIM44	Timm44
Q9D880	TIM50	TIM50	Timm50
Q9WVA2	TIM8A	TIM8A	Timm8a1
P62077	TIM8B	TIM8B	Timm8b
Q9WV98	TIM9	TIM9	Timm9
Q99KW9	TIP	TIP	ltfg1
P40142	TKT	TKT	Tkt
E9PUM4	E9PUM4	TLN2	Tln2
Q8C996	TM163	TM163	Tmem163
Q8BPE4	TM177	TM177	Tmem177
Q9CR76	TM186	TM186	Tmem186
Q5SRX1	TM1L2	TM1L2	Tom1l2
Q5F285	TM256	TM256	Tmem256
D3YXS8	D3YXS8	TM40L	Tomm40l
Q9D1D4	TMEDA	TMEDA	Tmed10
Q8BK08	TMM11	TMM11	Tmem11
A0A0R4J1Z3	A0A0R4J1Z3	TMM33	Tmem33
Q4VAE3	TMM65	TMM65	Tmem65
Q9JJK7	TMOD2	TMOD2	Tmod2
D3Z2J6	D3Z2J6	TMX2	Tmx2
Q8BXZ1	TMX3	TMX3	Tmx3
A2ARI0	A2ARI0	TMX4	Tmx4
B2RQ80	B2RQ80	TNIK	Tnik
Q9QZ06	TOLIP	TOLIP	Tollip
Q3UDC3	Q3UDC3	TOM1	Tom1
Q9DCC8	TOM20	TOM20	Tomm20
Q9CPQ3	TOM22	TOM22	Tomm22
Q9QYA2	TOM40	TOM40	Tomm40
B1AXP6	TOM5	TOM5	Tomm5
Q9D173	TOM7	TOM7	Tomm7
Q9CZW5	TOM70	TOM70	Tomm70
Q9DAM5	TPC	TPC	Slc25a19
D3Z125	D3Z125	TPD52	Tpd52
P17751	TPIS	TPIS	Tpi1
G5E8R0	G5E8R0	TPM1	Tpm1
O89023	TPP1	TPP1	Tpp1
Q64514	TPP2	TPP2	Tpp2
O55013	TPPC3	TPPC3	Trappc3
Q7TQD2	TPPP	TPPP	Tppp
Q9CRB6	TPPP3	TPPP3	Tppp3
Q9DBS2	TPRGL	TPRGL	Tprg1l
Q3UHH1	Q3UHH1	TRAF3	Traf3
Q9CQN1	TRAP1	TRAP1	Trap1
Q3UHH4	Q3UHH4	TRIM2	Trim2
Q3TDT0	Q3TDT0	TRIM3	Trim3
Q0KL02	TRIO	TRIO	Trio

Q8K1J6	TRNT1	TRNT1	Trnt1
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Q3UHG5	Q3UHG5	TSN7	Tspan7
Z4YL87	Z4YL87	TSR2	Tsr2
A0A1Y7VL44	A0A1Y7VL44	TTC7B	Ttc7b
Q9D3A9	TTYH1	TTYH1	Ttyh1
Q6P5F7	TTYH3	TTYH3	Ttyh3
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Q02053	UBA1	UBA1	Uba1
Q3TL72	Q3TL72	UBA3	Uba3
P61089	UBE2N	UBE2N	Ube2n
Q6ZPJ3	UBE2O	UBE2O	Ube2o
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D3Z4C9	D3Z4C9	UQCC2	Uqcc2
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Q80WQ2	VAC14	VAC14	Vac14
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Q62465	VAT1	VAT1	Vat1
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P50516	VATA	VATA	Atp6v1a
P62814	VATB2	VATB2	Atp6v1b2
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P57746	VATD	VATD	Atp6v1d
P50518	VATE1	VATE1	Atp6v1e1
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Q8CGF6	WDR47	WDR47	Wdr47
Q8BH57	WDR48	WDR48	Wdr48
Q920I9	WDR7	WDR7	Wdr7
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B7ZMP1	XPP3	XPP3	Xpnpep3
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WT 24 Month Lipofuscin Proteome (n = 1883)

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P05202	AATM	AATM	Got2
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Q9DBL1	ACDSB	ACDSB	Acadsb
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Q99KI0	ACON	ACON	Aco2
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F6ZFT1	F6ZFT1	ACPM	Ndufab1
Q8VCW8	ACSF2	ACSF2	Acsf2
D3Z041	D3Z041	ACSL1	Acsl1
Q91WC3	ACSL6	ACSL6	Acsl6
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P51881	ADT2	ADT2	Slc25a5
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S4R2K9	S4R2K9	ANK3	Ank3
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P14824	ANXA6	ANXA6	Anxa6
Q64133	AOFA	AOFA	Maoa
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P61161	ARP2	ARP2	Actr2
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Q8BH66	ATLA1	ATLA1	Atl1
P56382	ATP5E	ATP5E	Atp5f1e
Q9DCX2	ATP5H	ATP5H	Atp5pd
Q06185	ATP5I	ATP5I	Atp5me

P97450	ATP5J	ATP5J	Atp5pf
Q9CPQ8	ATP5L	ATP5L	Atp5mg
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Q03265	ATPA	ATPA	Atp5f1a
P56480	ATPB	ATPB	Atp5f1b
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A2AKU9	A2AKU9	ATPG	Atp5c1
P56135	ATPK	ATPK	Atp5mf
Q78IK2	ATPMK	ATPMK	Atp5mk
Q9DB20	ATPO	ATPO	Atp5po
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P18572	BASI	BASI	Bsg
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K4DI58	K4DI58	CADM3	Cadm3
Q8R464	CADM4	CADM4	Cadm4
P00920	CAH2	CAH2	Ca2
P12658	CALB1	CALB1	Calb1
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P14211	CALR	CALR	Calr
P35564	CALX	CALX	Canx
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P40124	CAP1	CAP1	Cap1
Q9CYT6	CAP2	CAP2	Cap2
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P60766	CDC42	CDC42	Cdc42
A2AMQ5	A2AMQ5	CDS2	Cds2
Q9JKC6	CEND	CEND	Cend1
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P63038	CH60	CH60	Hspd1
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P12960	CNTN1	CNTN1	Cntn1
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P00405	COX2	COX2	Mtco2
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P19783	COX41	COX41	Cox4i1
P12787	COX5A	COX5A	Cox5a
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Q71M36	CSPG5	CSPG5	Cspg5
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P62897	CYC	CYC	Cycs

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P39053	DYN1	DYN1	Dnm1
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P10126	EF1A1	EF1A1	Eef1a1
P62631	EF1A2	EF1A2	Eef1a2
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P58252	EF2	EF2	Eef2
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Q8C522	ENDD1	ENDD1	Endod1
P17182	ENOA	ENOA	Eno1
P17183	ENOG	ENOG	Eno2
P08113	ENPL	ENPL	Hsp90b1
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P57759	ERP29	ERP29	Erp29
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P11404	FABPH	FABPH	Fabp3
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P62823	RAB3C	RAB3C	Rab3c
P61021	RAB5B	RAB5B	Rab5b
P35278	RAB5C	RAB5C	Rab5c
P51150	RAB7A	RAB7A	Rab7a
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P63321	RALA	RALA	Rala
P61226	RAP2B	RAP2B	Rap2b
Q61411	RASH	RASH	Hras
P46638	RB11B	RB11B	Rab11b
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P62746	RHOB	RHOB	Rhob
P52760	RIDA	RIDA	Rida
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P35979	RL12	RL12	Rpl12
P47963	RL13	RL13	Rpl13
Q9CR57	RL14	RL14	Rpl14
Q6ZWZ7	Q6ZWZ7	RL17	Rpl17
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P67984	RL22	RL22	Rpl22
P61358	RL27	RL27	Rpl27
P14115	RL27A	RL27A	Rpl27a
P27659	RL3	RL3	Rpl3
P47962	RL5	RL5	Rpl5
F6XI62	F6XI62	RL7	Rpl7
P12970	RL7A	RL7A	Rpl7a
P62918	RL8	RL8	Rpl8
D3YVM5	D3YVM5	RLA0	Rplp0

P47955	RLA1	RLA1	Rplp1
P99027	RLA2	RLA2	Rplp2
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P25444	RS2	RS2	Rps2
P62908	RS3	RS3	Rps3
P97351	RS3A	RS3A	Rps3a
P62702	RS4X	RS4X	Rps4x
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P62754	RS6	RS6	Rps6
P62242	RS8	RS8	Rps8
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O35874	SATT	SATT	Slc1a4
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P09671	SODM	SODM	Sod2
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P42932	TCPQ	TCPQ	Cct8
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Q3URE1	ACSF3	ACSF3	Acsf3
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P56375	ACYP2	ACYP2	Acyp2
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P28474	ADHX	ADHX	Adh5
P55264	ADK	ADK	Adk
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P10605	CATB	CATB	Ctsb
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P47753	CAZA1	CAZA1	Capza1
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Q921H9	COA7	COA7	Coa7
Q9DBL7	COASY	COASY	Coasy
P45591	COF2	COF2	Cfl2
Q9CXI0	COQ5	COQ5	Coq5
Q8R1S0	COQ6	COQ6	Coq6
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Q8BH44	COR2B	COR2B	Coro2b
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Q9D7J4	COX20	COX20	Cox20
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A0A338P675	A0A338P675	CRKL	Crkl
O54983	CRYM	CRYM	Crym
G3UZA4	G3UZA4	CSK2B	Csnk2b
P61202	CSN2	CSN2	Cops2
O88544	CSN4	CSN4	Cops4
O35864	CSN5	CSN5	Cops5
D3Z0F5	D3Z0F5	CSN6	Cops6
Q9CZ04	CSN7A	CSN7A	Cops7a
Q8VBV7	CSN8	CSN8	Cops8
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D3Z494	D3Z494	D3Z494	Akr1b10
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Q62418	DBNL	DBNL	Dbnl
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P48320	DCE2	DCE2	Gad2
Q99J39	DCMC	DCMC	Mlycd
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Q62167	DDX3X	DDX3X	Ddx3x
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Q91ZU6	DYST	DYST	Dst
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Q91VC9	GHITM	GHITM	Ghitm
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O88703	HCN2	HCN2	Hcn2
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P36552	HEM6	HEM6	Cpox
P29416	HEXA	HEXA	Hexa
P20060	HEXB	HEXB	Hexb
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P70349	HINT1	HINT1	Hint1
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P17156	HSP72	HSP72	Hspa2
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P34914	HYES	HYES	Ephx2
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O35344	IMA4	IMA4	Kpna3
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Q9EPL8	IPO7	IPO7	Ipo7
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P24527	LKHA4	LKHA4	Lta4h
Q922Q8	LRC59	LRC59	Lrrc59
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Q9DA03	LYRM7	LYRM7	Lyrm7
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Q61166	MARE1	MARE1	Mapre1
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Q8CHK3	MBOA7	MBOA7	Mboat7
Q9D1I5	MCEE	MCEE	Mcee

P56942	MCH	MCH	Pmch
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F7AMS7	F7AMS7	MINK1	Mink1
Q8JZN7	MIRO2	MIRO2	Rhot2
Q8R3Q6	MIX23	MIX23	Mix23
Q63844	MK03	MK03	Mapk3
Q61831	MK10	MK10	Mapk10
Q8VHK5	MLC1	MLC1	Mlc1
Q9D273	MMAB	MMAB	Mmab
P26041	MOES	MOES	Msn
P53986	MOT1	MOT1	Slc16a1
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P47809	MP2K4	MP2K4	Map2k4
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P03911	NU4M	NU4M	Mtnd4
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Q9QUR6	PPCE	PPCE	Prep
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Q99KR7	PPIF	PPIF	Ppif
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Q60829	PPR1B	PPR1B	Ppp1r1b
O88531	PPT1	PPT1	Ppt1
Q6NVE9	PPTC7	PPTC7	Pptc7
Q8R5J9	PRAF3	PRAF3	Arl6ip5

Q69ZK0	PREX1	PREX1	Prex1
P04925	PRIO	PRIO	Prnp
A0A0N4SVB5	A0A0N4SVB5	PRRT3	Prrt3
A2AGN7	A2AGN7	PRS6A	Psmc3
A0A140LIZ5	A0A140LIZ5	PRS6B	Psmc4
Q8BIW1	PRUN1	PRUN1	Prune1
Q9R1P4	PSA1	PSA1	Psma1
P49722	PSA2	PSA2	Psma2
E0CX62	E0CX62	PSA3	Psma3
E0CXB1	E0CXB1	PSA6	Psma6
Q9Z2U0	PSA7	PSA7	Psma7
A0A338P7F1	A0A338P7F1	PSB1	Psemb1
O55234	PSB5	PSB5	Psemb5
Q60692	PSB6	PSB6	Psemb6
Q8BG32	PSD11	PSD11	Psm11
Q3TRH2	Q3TRH2	PSD12	Psm12
O35593	PSDE	PSDE	Psm14
Q3TXS7	PSMD1	PSMD1	Psm1
Q8VDM4	PSMD2	PSMD2	Psm2
P14685	PSMD3	PSMD3	Psm3
Q99JI4	PSMD6	PSMD6	Psm6
P26516	PSMD7	PSMD7	Psm7
G3UWN9	G3UWN9	PSME1	Psm1
P35235	PTN11	PTN11	Ptpn11
P58389	PTPA	PTPA	Ptpa
Q66GT5	PTPM1	PTPM1	Ptpmt1
Q91V35	Q91V35	PTPRA	Ptpra
B9EJA3	B9EJA3	PTPRD	Ptprd
A6MDD2	A6MDD2	PTPRN	Ptpn
B0V2N1	PTPRS	PTPRS	Ptpn
Q64737	PUR2	PUR2	Gart
Q9DCL9	PUR6	PUR6	Paics
E9Q242	E9Q242	PUR8	Adsl
Q9CWJ9	PUR9	PUR9	Atic
P46664	PURA2	PURA2	Adss2
O35295	PURB	PURB	Purb
Q9DB60	PXL2B	PXL2B	Prxl2b
O35435	PYRD	PYRD	Dhodh
Q6DFY2	Q6DFY2	Q6DFY2	Opcml
Q7TNL5	Q7TNL5	Q7TNL5	Ppp2r5d
Q8VBU5	Q8VBU5	Q8VBU5	Pde4b
Q91VA7	Q91VA7	Q91VA7	ldh3b
Q9D6D0	Q9D6D0	Q9D6D0	Slc25a27
Q9D881	Q9D881	Q9D881	Cox5b-ps
Q9JKY7	Q9JKY7	Q9JKY7	Cyp2d22
Q9Z1R9	Q9Z1R9	Q9Z1R9	Prss1
A0A0A6YXR4	A0A0A6YXR4	QOR	Cryz
Q3UNZ8	QORL2	QORL2	Cryzl2
A2CG35	A2CG35	RAB12	Rab12
Q9D4I9	Q9D4I9	RAB23	Rab23
P35290	RAB24	RAB24	Rab24
Q9CZT8	RAB3B	RAB3B	Rab3b

Q9CQD1	RAB5A	RAB5A	Rab5a
P61294	RAB6B	RAB6B	Rab6b
Q8BHH2	RAB9B	RAB9B	Rab9b
Q5U3K5	RABL6	RABL6	Rabl6
P68040	RACK1	RACK1	Rack1
P62827	RAN	RAN	Ran
P34022	RANG	RANG	Ranbp1
P32883	RASK	RASK	Kras
Q9Z268	RASL1	RASL1	Rasal1
O08989	RASM	RASM	Mras
Q8BHC1	RB39B	RB39B	Rab39b
F8VPM7	F8VPM7	RB6I2	Erc1
O88851	RBBP9	RBBP9	Rbbp9
Q8BP92	RCN2	RCN2	Rcn2
P54728	RD23B	RD23B	Rad23b
A0A0R4J1N8	A0A0R4J1N8	RDH13	Rdh13
Q8VCD6	REEP2	REEP2	Reep2
A0A087WSS1	A0A087WSS1	RELCH	Relch
Q8CHX7	RFTN2	RFTN2	Rftn2
A0A087WNZ9	A0A087WNZ9	RGS6	Rgs6
A2AH25	A2AH25	RHG01	Arhgap1
G3UWM5	G3UWM5	RHG21	Arhgap21
Q811P8	RHG32	RHG32	Arhgap32
Q5SSM3	RHG44	RHG44	Arhgap44
P84096	RHOG	RHOG	Rhog
Q6Z WV3	RL10	RL10	Rpl10
Q9CZM2	RL15	RL15	Rpl15
O09167	RL21	RL21	Rpl21
Q8BP67	RL24	RL24	Rpl24
B1ARA3	B1ARA3	RL26	Rpl26
P41105	RL28	RL28	Rpl28
P62889	RL30	RL30	Rpl30
Q9D1R9	RL34	RL34	Rpl34
Q9D8E6	RL4	RL4	Rpl4
P47911	RL6	RL6	Rpl6
Q99N96	RM01	RM01	Mrpl1
A0A1L1SU47	A0A1L1SU47	RM03	Mrpl3
Q9DCU6	RM04	RM04	Mrpl4
Q3UK02	Q3UK02	RM09	Mrpl9
Q3TBW2	RM10	RM10	Mrpl10
Q9CPR5	RM15	RM15	Mrpl15
Q99N93	RM16	RM16	Mrpl16
Q9D338	RM19	RM19	Mrpl19
Q9CQL4	RM20	RM20	Mrpl20
Q8BU88	RM22	RM22	Mrpl22
O35972	RM23	RM23	Mrpl23
Q9CQ06	RM24	RM24	Mrpl24
Q921S7	RM37	RM37	Mrpl37
Q8K2M0	RM38	RM38	Mrpl38
Q9CY73	RM44	RM44	Mrpl44
Q9D0Q7	RM45	RM45	Mrpl45
Q9EQI8	RM46	RM46	Mrpl46

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Q9D1H8	RM53	RM53	Mrpl53
Q9CZ83	RM55	RM55	Mrpl55
Q9DCV4	RMD1	RMD1	Rmdn1
Q3UJU9	RMD3	RMD3	Rmdn3
Q8CI78	RMND1	RMND1	Rmnd1
Q9JI90	RNF14	RNF14	Rnf14
A0A1B0GSG5	A0A1B0GSG5	RNH1	Rnh1
Q3TDK6	ROGDI	ROGDI	Rogdi
A0A0A6YWG7	A0A0A6YWG7	RPGF2	Rapgef2
A2ALS5	RPGP1	RPGP1	Rap1gap
J3QMX0	J3QMX0	RPP14	Rpp14
P62071	RRAS2	RRAS2	Rras2
Q9D6S7	RRFM	RRFM	Mrrf
Q921R2	Q921R2	RS13	Rps13
P62264	RS14	RS14	Rps14
D3YVB4	D3YVB4	RS15A	Rps15a
P63276	RS17	RS17	Rps17
P60867	RS20	RS20	Rps20
A0A1L1SQA8	A0A1L1SQA8	RS25	Rps25
P62855	RS26	RS26	Rps26
A0A0G2JDW7	A0A0G2JDW7	RS27	Rps27
P62082	RS7	RS7	Rps7
Q6ZWN5	RS9	RS9	Rps9
P14206	RSSA	RSSA	Rpsa
Q924T2	RT02	RT02	Mrps2
Q99N87	RT05	RT05	Mrps5
P58064	RT06	RT06	Mrps6
Q80X85	RT07	RT07	Mrps7
Q9D7N3	RT09	RT09	Mrps9
G5E8U5	G5E8U5	RT10	Mrps10
Q3U8Y1	Q3U8Y1	RT11	Mrps11
F7ARZ1	F7ARZ1	RT23	Mrps23
Q9CQV5	RT24	RT24	Mrps24
Q8BK72	RT27	RT27	Mrps27
Q9CY16	RT28	RT28	Mrps28
G3X9M0	G3X9M0	RT29	Dap3
Q61733	RT31	RT31	Mrps31
Q9JIK9	RT34	RT34	Mrps34
A0A0R4J0L6	A0A0R4J0L6	RT35	Mrps35
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F6U7V1	F6U7V1	RYR2	Ryr2
Q91V77	Q91V77	S10A1	S100a1
P63084	S10A5	S10A5	S100a5
E9QM38	E9QM38	S12A2	Slc12a2
Q80UP8	S20A2	S20A2	Slc20a2
Q9Z306	S22A4	S22A4	Slc22a4
Q3UHH2	S22AN	S22AN	Slc22a23
Q9QXX4	S25I3	S25I3	Slc25a13
Q3TZX3	S2533	S2533	Slc25a33

Q8BGP6	S2540	S2540	Slc25a40
Q8R0Y8	S2542	S2542	Slc25a42
Q9CQS4	S2546	S2546	Slc25a46
Q8VEM8	MPCP	S25A3	Slc25a3
Q60714	S27A1	S27A1	Slc27a1
Q8K2P7	S38A1	S38A1	Slc38a1
Q5FWH7	S39AC	S39AC	Slc39a12
Q8BXR1	S7A14	S7A14	Slc7a14
P50247	SAHH	SAHH	Ahcy
J3QPG5	J3QPG5	SAP	Psap
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A0A0G2JF08	A0A0G2JF08	SC22B	Sec22b
E9Q1S3	E9Q1S3	SC23A	Sec23a
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P16014	SCG1	SCG1	Chgb
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Q62419	SH3G1	SH3G1	Sh3gl1
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A0A0G2JEC4	A0A0G2JEC4	SHLB1	Sh3glb1
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Q8K2C6	SIR5	SIR5	Sirt5
Q61165	SL9A1	SL9A1	Slc9a1
Q9D8T7	SLIRP	SLIRP	Slirp
Q3TJ56	Q3TJ56	SND1	Snd1
Q8R570	SNP47	SNP47	Snap47
Q6NZD2	Q6NZD2	SNX1	Snx1
O70493	SNX12	SNX12	Snx12
Q9CWK8	SNX2	SNX2	Snx2
Q3UHD6	SNX27	SNX27	Snx27
Q78ZM0	Q78ZM0	SNX3	Snx3
Q91YJ2	SNX4	SNX4	Snx4
A0A1W2P701	A0A1W2P701	SNX6	Snx6
Q6P069	SORCN	SORCN	Sri
F8WIV2	F8WIV2	SPB6	Serpinb6a
D3YXB7	D3YXB7	SPG7	Spg7
Q9ESJ4	SPN90	SPN90	Nckipsd
Q924S8	SPRE1	SPRE1	Spred1
Q91WK1	SPRY4	SPRY4	Spryd4
Q3UGX2	Q3UGX2	SPTB	Sptb
P05480	SRC	SRC	Src
Q921L6	Q921L6	SRC8	Ctnn
A0A087WNM1	A0A087WNM1	SRGP2	Srgap2
Q64674	SPEE	SRMS	Srm

Q9QZX7	SRR	SRR	Srr
Q8R2K3	Q8R2K3	SSBP	Ssbp1
A0A286YCG8	A0A286YCG8	SSRA	Ssr1
P63046	ST4A1	ST4A1	Sult4a1
Q3UGN9	Q3UGN9	STAM1	Stam
Q5DQR4	STB5L	STB5L	Stxbp5l
Q9Z1Z2	STRAP	STRAP	Strap
F8WH41	F8WH41	STRN	Strn
A0A1B0GS08	A0A1B0GS08	STUM	Stum
Q8BH40	Q8BH40	STX7	Stx7
Q60770	STXB3	STXB3	Stxbp3
Q3TYA4	Q3TYA4	STXB6	Stxbp6
Q8R086	SUOX	SUOX	Suox
Q80YD1	SUV3	SUV3	Supv3l1
A2RSH4	A2RSH4	SV2C	Sv2c
Q8BGQ7	SYAC	SYAC	Aars1
G3X975	G3X975	SYCM	Cars2
Q922B2	SYDC	SYDC	Dars1
Q8BIP0	SYDM	SYDM	Dars2
Q8CGC7	SYEP	SYEP	Eprs1
E9PWY9	E9PWY9	SYFA	Farsa
Q8R2P8	Q8R2P8	SYK	Kars
Q8VDC0	SYLM	SYLM	Lars2
Q499X9	SYMM	SYMM	Mars2
Q8JZP2	SYN3	SYN3	Syn3
A0A494BB89	A0A494BB89	SYNC	Nars
A0A1L1STC6	A0A1L1STC6	SYNE1	Syne1
Q8BGV0	SYNM	SYNM	Nars2
D6RFU9	D6RFU9	SYPL1	Sypl
A8Y5T6	A8Y5T6	SYPM	Pars2
Q9D0I9	SYRC	SYRC	Rars1
Q8C483	Q8C483	SYSC	Sars
Q920N7	SYT12	SYT12	Syt12
G3X9Y1	G3X9Y1	SYT3	Syt3
A0A498WGM0	A0A498WGM0	SYT7	Syt7
P32921	SYWC	SYWC	Wars1
Q91WQ3	SYYC	SYYC	Yars1
Q8BYL4	SYYM	SYYM	Yars2
Q9D8Y1	T126A	T126A	Tmem126a
Q8K0Z7	TACO1	TACO1	Taco1
A0A1B0GR11	A0A1B0GR11	TALDO	Taldo1
Q3TUH1	TAM41	TAM41	Tamm41
Q5F2E8	TAOK1	TAOK1	Taok1
Q7TMM9	TBB2A	TBB2A	Tubb2a
Q9CWF2	TBB2B	TBB2B	Tubb2b
Q80VP0	TCPR1	TCPR1	Tecpr1
D3Z7C6	D3Z7C6	TEBP	Ptges3
G3UWE1	G3UWE1	TECR	Tecr
A0A0R4J1N9	A0A0R4J1N9	TFAM	Tfam
A0A3B2WAL8	A0A3B2WAL8	THIC	Acat2
G3UZY2	G3UZY2	THIOM	Txn2
Q9Z0V7	TI17B	TI17B	Timm17b

P62073	TIM10	TIM10	Timm10
P62075	TIM13	TIM13	Timm13
Q8BGX2	TIM29	TIM29	Timm29
Q9WVA2	TIM8A	TIM8A	Timm8a1
P62077	TIM8B	TIM8B	Timm8b
Q99KW9	TIP	TIP	Itfg1
Q71LX4	TLN2	TLN2	Tln2
Q8C996	TM163	TM163	Tmem163
Q8BPE4	TM177	TM177	Tmem177
Q5SRX1	TM1L2	TM1L2	Tom1l2
Q5F285	TM256	TM256	Tmem256
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Q8BXZ1	TMX3	TMX3	Tmx3
Q8C0L0	TMX4	TMX4	Tmx4
E9PV58	E9PV58	TNPO2	Tnp02
Q9QZ06	TOLIP	TOLIP	Tollip
Q3UDC3	Q3UDC3	TOM1	Tom1
Q9DCC8	TOM20	TOM20	Tomm20
Q9QYA2	TOM40	TOM40	Tomm40
B1AXP6	TOM5	TOM5	Tomm5
Q9D173	TOM7	TOM7	Tomm7
Q9DAM5	TPC	TPC	Slc25a19
D3Z125	D3Z125	TPD52	Tpd52
F6VQ81	F6VQ81	TPD54	Tpd52l2
O89023	TPP1	TPP1	Tpp1
Q64514	TPP2	TPP2	Tpp2
O55013	TPPC3	TPPC3	Trappc3
Q9DBS2	TPRGL	TPRGL	Tprg1l
Q3UHH1	Q3UHH1	TRAF3	Traf3
Q921I1	TRFE	TRFE	Tf
Q3UHH4	Q3UHH4	TRIM2	Trim2
Q3TDT0	Q3TDT0	TRIM3	Trim3
Q0KL02	TRIO	TRIO	Trio
Q8K1J6	TRNT1	TRNT1	Trnt1
Q9JMH6	TRXR1	TRXR1	Txnrd1
A0A0M3HEP9	A0A0M3HEP9	TRXR2	Txnrd2
A0A0G2JDX4	A0A0G2JDX4	TSN2	Tspan2
Q3UHG5	Q3UHG5	TSN7	Tspan7
A0A1Y7VL44	A0A1Y7VL44	TTC7B	Ttc7b
A0A1L1SR84	A0A1L1SR84	TUTLB	Igsf9b
Q91YR1	TWF1	TWF1	Twf1
Q9Z0P5	TWF2	TWF2	Twf2
A0A0R4J1Y7	A0A0R4J1Y7	TXND5	Txndc5
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P24529	TY3H	TY3H	Th
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A0A338P7E5	A0A338P7E5	UB2L3	Ube2l3
Q9CZY3	UB2V1	UB2V1	Ube2v1
F6WMC0	F6WMC0	UBC12	Ube2m
Q6ZPJ3	UBE2O	UBE2O	Ube2o
E9PYI8	E9PYI8	UBP14	Usp14
Q9QZM0	UBQL2	UBQL2	Ubqln2

Q99PL6	UBXN6	UBXN6	Ubxn6
P56501	UCP3	UCP3	Ucp3
P61961	UFM1	UFM1	Ufm1
Q91ZJ5	UGPA	UGPA	Ugp2
H3BJZ7	H3BJZ7	UN13A	Unc13a
Q9Z1Z0	USO1	USO1	Uso1
Q4FE56	Q4FE56	USP9X	Usp9x
Q80WQ2	VAC14	VAC14	Vac14
Q9R1Q9	VAS1	VAS1	Atp6ap1
Q80TB8	VAT1L	VAT1L	Vat1l
Q9D1K2	VATF	VATF	Atp6v1f
Q9CR51	VATG1	VATG1	Atp6v1g1
E9Q9C5	E9Q9C5	VATL	Atp6v0c
Q0VGU4	VGf	VGf	Vgf
A0A087WP83	A0A087WP83	VIGLN	Hdlbp
Q64727	VINC	VINC	Vcl
Q5H8C4	VP13A	VP13A	Vps13a
Q8BX70	VP13C	VP13C	Vps13c
P40336	VP26A	VP26A	Vps26a
Q8C0E2	VP26B	VP26B	Vps26b
Q9D2N9	VP33A	VP33A	Vps33a
D3Z645	D3Z645	VPS29	Vps29
P97390	VPS45	VPS45	Vps45
Q8VEJ9	VPS4A	VPS4A	Vps4a
Q8CI71	VPS50	VPS50	Vps50
Q8R5H6	WASF1	WASF1	Wasf1
A0A1D5RLV7	A0A1D5RLV7	WDFY3	Wdfy3
Q8CBE3	WDR37	WDR37	Wdr37
Q8CGF6	WDR47	WDR47	Wdr47
Q8BH57	WDR48	WDR48	Wdr48
Q3UN10	Q3UN10	WFS1	Wfs1
E0CYT1	E0CYT1	WNK2	Wnk2
Q6P5F9	XPO1	XPO1	Xpo1
E9Q1T9	E9Q1T9	XPO2	Cse1l
A0A494BBG8	A0A494BBG8	XPP1	Xpnpep1
B7ZMP1	XPP3	XPP3	Xpnpep3
Q9EPK2	XRP2	XRP2	Rp2
Q60738	ZNT1	ZNT1	Slc30a1
P97441	ZNT3	ZNT3	Slc30a3
Q5IRJ6	ZNT9	ZNT9	Slc30a9
A0A3B2WBH9	A0A3B2WBH9	ZO2	Tjp2

RT Cal Mix

RT Cal Mix

RT Cal Mix

6-Way Consensus Lipofuscin Proteome (n = 688)

UniProt Accession	SWISSPROT Accession	UniProt ID	Gene Name	Brain Palmitome (Gorenberg et al., 2022) (n = 660)	PPT1 Substrates (Gorenberg et al., 2022) (n = 102)	Rat & Human Brain Lipofuscin (Ottis et al., 2012) (n = 44)
1433B	Q9CQV8	1433B	Ywhab	x	x	
ACON	Q99KI0	ACON	Aco2	x	x	
ACSF2	Q8VCW8	ACSF2	Acsf2	x	x	
A1BN54	A1BN54	ACTN1	Actn1	x	x	
ADDG	Q9QYB5	ADDG	Add3	x	x	
B1AU25	B1AU25	AIFM1	Aifm1	x	x	
AL1L1	Q8R0Y6	AL1L1	Aldh1l1	x	x	
S4R2K9	S4R2K9	ANK3	Ank3	x	x	
AP2A1	P17426	AP2A1	Ap2a1	x	x	
AP2B1	Q9DBG3	AP2B1	Ap2b1	x	x	
Q3TWW4	Q3TWW4	AP2M1	Ap2m1	x	x	
AT1A1	Q8VDN2	AT1A1	Atp1a1	x	x	
AT1A2	Q6PIE5	AT1A2	Atp1a2	x	x	
A0A0G2JGX4	A0A0G2JGX4	AT1A3	Atp1a3	x	x	x
AT1B1	P14094	AT1B1	Atp1b1	x	x	
AT1B2	P14231	AT1B2	Atp1b2	x	x	
ATAD3	Q925I1	ATAD3	Atad3	x	x	
A2AKU9	A2AKU9	ATPG	Atp5c1	x	x	
ATPO	Q9DB20	ATPO	Atp5po	x	x	x
B1AZ46	B1AZ46	BAIP2	Baiap2	x	x	
BASI	P18572	BASI	Bsg	x	x	
E9Q1X8	E9Q1X8	CA2D1	Cacna2d1	x	x	
G3UZM4	G3UZM4	CADM2	Cadm2	x	x	
CAPS1	Q80TJ1	CAPS1	Cadps	x	x	
CBPE	Q00493	CBPE	Cpe	x	x	
S4R2F1	S4R2F1	CCG8	Cacng8	x	x	
A0A2R8VK70	A0A2R8VK70	CD47	Cd47	x	x	x

CISD1	Q91WS0	CISD1	Cisd1	x	x	
CISY	Q9CZU6	CISY	Cs	x	x	
Q5SXR6	Q5SXR6	CLH1	Cltc	x	x	x
COX2	P00405	COX2	Mtco2	x	x	
COX41	P19783	COX41	Cox4i1	x	x	
CTNA2	Q61301	CTNA2	Ctnna2	x	x	
DCE1	P48318	DCE1	Gad1	x	x	
A0A0G2JGQ6	A0A0G2JGQ6	DCLK1	Dclk1	x	x	
DEST	Q9R0P5	DEST	Dstn	x	x	
DMXL2	Q8BPN8	DMXL2	Dmxl2	x	x	
DNJC5	P60904	DNJC5	Dnajc5	x	x	
E9PWX1	E9PWX1	DPP6	Dpp6	x	x	
DYN1	P39053	DYN1	Dnm1	x	x	x
EFTU	Q8BFR5	EFTU	Tufm	x	x	
A0A1D5RLS1	A0A1D5RLS1	EP15R	Eps15l1	x	x	
FAS	P19096	FAS	Fasn	x	x	
FUMH	P97807	FUMH	Fh	x	x	
GBB2	P62880	GBB2	Gnb2	x	x	
GNAI1	B2RSH2	GNAI1	Gnai1	x	x	
GNAI2	P08752	GNAI2	Gnai2	x	x	
GNAO	P18872	GNAO	Gnao1	x	x	x
GNAQ	P21279	GNAQ	Gnaq	x	x	
GNAZ	O70443	GNAZ	Gnaz	x	x	
GPDA	P13707	GPDA	Gpd1	x	x	
GPM6A	P35802	GPM6A	Gpm6a	x	x	
HS12A	Q8K0U4	HS12A	Hspa12a	x	x	
Q3U2G2	Q3U2G2	HSP74	Hspa4	x	x	
G3UVV4	G3UVV4	HXK1	Hk1	x	x	
Q924B0	Q924B0	IMPA1	Impa1	x	x	
IVD	Q9JHI5	IVD	Ivd	x	x	
KCRB	Q04447	KCRB	Ckb	x	x	x
A0A6I8MX27	A0A6I8MX27	LDHB	Ldhb	x	x	
LETM1	Q9Z2I0	LETM1	Letm1	x	x	
A0A0G2JGB7	A0A0G2JGB7	LG11	Lgi1	x	x	
M2OM	Q9CR62	M2OM	Slc25a11	x	x	

MPP2	Q9WV34	MPP2	Mpp2	x	x	
A2AS98	A2AS98	NCKP1	Nckap1	x	x	
NDKA	P15532	NDKA	Nme1	x	x	
NDUS1	Q91VD9	NDUS1	Ndufs1	x	x	
NFASC	Q810U3	NFASC	Nfasc	x	x	
NSF	P46460	NSF	Nsf	x	x	
D3Z396	D3Z396	NTRI	Ntm	x	x	
ODO1	Q60597	ODO1	Ogdh	x	x	
ODPX	Q8BKZ9	ODPX	Pdhx	x	x	
OPA1	P58281	OPA1	Opa1	x	x	
PCCA	Q91ZA3	PCCA	Pcca	x	x	
A2CEK3	A2CEK3	PGM1	Pgm1	x	x	
PLCB1	Q9Z1B3	PLCB1	Plcb1	x	x	
PP2BA	P63328	PP2BA	Ppp3ca	x	x	
Q6GT24	Q6GT24	PRDX6	Prdx6	x	x	
PYGB	Q8CI94	PYGB	Pygb	x	x	
RAB7A	P51150	RAB7A	Rab7a	x	x	
SAHH2	Q80SW1	SAHH2	Ahcy1l	x	x	
SATT	O35874	SATT	Slc1a4	x	x	
SC6A1	P31648	SC6A1	Slc6a1	x	x	
SCAM1	Q8K021	SCAM1	Scamp1	x	x	
SDHB	Q9CQA3	SDHB	Sdhb	x	x	
B7ZC46	B7ZC46	SEPT8	Septin8	x	x	
SFXN1	Q99JR1	SFXN1	Sfxn1	x	x	
SFXN3	Q91V61	SFXN3	Sfxn3	x	x	
SSDH	Q8BWF0	SSDH	Aldh5a1	x	x	
STXB1	O08599	STXB1	Stxbp1	x	x	x
SYIM	Q8BIJ6	SYIM	lars2	x	x	
D3Z656	D3Z656	SYNJ1	Synj1	x	x	
A0A0R4J2C2	A0A0R4J2C2	SYT2	Syt2	x	x	
TERA	Q01853	TERA	Vcp	x	x	
A0A1L1SUX8	A0A1L1SUX8	THY1	Thy1	x	x	x
UBA1	Q02053	UBA1	Uba1	x	x	
UCRI	Q9CR68	UCRI	Uqcrfs1	x	x	
VA0D1	P51863	VA0D1	Atp6v0d1	x	x	
D3YTU0	D3YTU0	VAMP1	Vamp1	x	x	
VATE1	P50518	VATE1	Atp6v1e1	x	x	x
G3UX26	G3UX26	VDAC2	Vdac2	x	x	

VISL1	P62761	VISL1	Vsnl1	x	x	
VPS35	Q9EQH3	VPS35	Vps35	x	x	
1433E	P62259	1433E	Ywhae	x		x
1433F	P68510	1433F	Ywhah	x		
1433G	P61982	1433G	Ywhag	x		x
1433T	P68254	1433T	Ywhaq	x		
1433Z	P63101	1433Z	Ywhaz	x		x
2AAA	Q76MZ3	2AAA	Ppp2r1a	x		
3HIDH	Q99L13	3HIDH	Hibadh	x		
4F2	P10852	4F2	Slc3a2	x		
A0A0A6YW67	A0A0A6YW67	A0A0A6YW67	Gm8797			
AAK1	Q3UHH0	AAK1	Aak1	x		
AATC	P05201	AATC	Got1	x		
AATM	P05202	AATM	Got2	x		
ABCB7	Q61102	ABCB7	Abcb7	x		
ABHDA	Q6PE15	ABHDA	Abhd10	x		
E9Q030	E9Q030	ABLM1	Ablim1	x		
ABLM2	Q8BL65	ABLM2	Ablim2	x		
A0A0R4J0P1	A0A0R4J0P1	ACAD8	Acad8	x		
ACAD9	Q8JZN5	ACAD9	Acad9	x		
A0A0R4J083	A0A0R4J083	ACADL	Acadl	x		
ACADM	P45952	ACADM	Acadm	x		
ACADV	P50544	ACADV	Acadvl	x		
ACBG1	Q99PU5	ACBG1	Acsbg1	x		
ACDSB	Q9DBL1	ACDSB	Acadsb	x		
Q3V117	Q3V117	ACLY	Acly	x		
ACO13	Q9CQR4	ACO13	Acot13	x		
ACOT9	Q9R0X4	ACOT9	Acot9	x		
F6ZFT1	F6ZFT1	ACPM	Ndufab1	x		
ACSL6	Q91WC3	ACSL6	Acsl6	x		
ACTG	P63260	ACTG	Actg1	x		
D3YUP9	D3YUP9	ADA22	Adam22	x		
ADDB	Q9QYB8	ADDB	Add2	x		
ADT1	P48962	ADT1	Slc25a4	x		
ADT2	P51881	ADT2	Slc25a5	x		
AFG32	Q8JZQ2	AFG32	Afg3l2	x		
AGK	Q9ESW4	AGK	Agk	x		
AINX	P46660	AINX	Ina	x		

AK1A1	Q9JII6	AK1A1	Akr1a1	x
AL1B1	Q9CZS1	AL1B1	Aldh1b1	x
B1ATI0	B1ATI0	AL3A2	Aldh3a2	x
AL4A1	Q8CHT0	AL4A1	Aldh4a1	x
AL7A1	Q9DBF1	AL7A1	Aldh7a1	x
AL9A1	Q9JLJ2	AL9A1	Aldh9a1	x
ALDH2	P47738	ALDH2	Aldh2	x
ALDOA	P05064	ALDOA	Aldoa	x
ALDOC	P05063	ALDOC	Aldoc	x
ALDR	P45376	ALDR	Akr1b1	x
A0A0G2JEG8	A0A0G2JEG8	AMPH	Amph	x
AMPL	Q9CPY7	AMPL	Lap3	x
S4R2T7	S4R2T7	ANK2	Ank2	x
ANXA5	P48036	ANXA5	Anxa5	x
ANXA6	P14824	ANXA6	Anxa6	x
AOFA	Q64133	AOFA	Maoa	x
AOFB	Q8BW75	AOFB	Maob	x
AP180	Q61548	AP180	Snap91	x
AP1B1	O35643	AP1B1	Ap1b1	x
AP2A2	P17427	AP2A2	Ap2a2	x
A0A571BES1	A0A571BES1	AP3B2	Ap3b2	x
AP3D1	O54774	AP3D1	Ap3d1	x
ARC1A	Q9R0Q6	ARC1A	Arpc1a	x
ARF3	P61205	ARF3	Arf3	
ARP2	P61161	ARP2	Actr2	x
ARP3	Q99JY9	ARP3	Actr3	x
ARP5L	Q9D898	ARP5L	Arpc5l	x
ARPC2	Q9CVB6	ARPC2	Arpc2	x
H7BWZ3	H7BWZ3	ARPC3	Arpc3	x
ARPC4	P59999	ARPC4	Arpc4	x
ARPC5	Q9CPW4	ARPC5	Arpc5	x
ASAH1	Q9WV54	ASAH1	Asah1	x
ASGL1	Q8C0M9	ASGL1	Asrgl1	x
AT2A2	O55143	AT2A2	Atp2a2	x
AT2B1	G5E829	AT2B1	Atp2b1	x
S4R1C4	S4R1C4	AT2B2	Atp2b2	x
AT5F1	Q9CQQ7	AT5F1	Atp5pb	x
A0A0M3HEP7	A0A0M3HEP7	AT8A1	Atp8a1	x

E9PV44	E9PV44	ATIF1	Atpif1	x	
ATLA1	Q8BH66	ATLA1	Atl1	x	
ATP5E	P56382	ATP5E	Atp5f1e	x	
ATP5H	Q9DCX2	ATP5H	Atp5pd	x	x
ATP5I	Q06185	ATP5I	Atp5me	x	
ATP5J	P97450	ATP5J	Atp5pf		
ATP8	P03930	ATP8	Mtatp8		
ATPA	Q03265	ATPA	Atp5f1a	x	x
ATPB	P56480	ATPB	Atp5f1b	x	x
ATPD	Q9D3D9	ATPD	Atp5f1d	x	
ATPK	P56135	ATPK	Atp5mf	x	
ATPMK	Q78IK2	ATPMK	Atp5mk		
A0A0R4J023	A0A0R4J023	AUHM	Auh	x	
AUXI	Q80TZ3	AUXI	Dnajc6	x	
B2RXT3	B2RXT3	B2RXT3	Ogdhl		
E9PYH2	E9PYH2	BACH	Acot7	x	
BASP1	Q91XV3	BASP1	Basp1	x	x
F7BNZ5	F7BNZ5	BCAS1	Bcas1	x	
BCS1	Q9CZP5	BCS1	Bcs1l	x	
BDH	Q80XN0	BDH	Bdh1	x	
BIN1	O08539	BIN1	Bin1	x	
BIP	P20029	BIP	Hspa5		
BPHL	Q8R164	BPHL	Bphl	x	
A0A1B0GRV0	A0A1B0GRV0	BPNT1	Bpnt1	x	
BSN	O88737	BSN	Bsn	x	
Q8R5L1	Q8R5L1	C1QBP	C1qbp	x	
C1TM	Q3V3R1	C1TM	Mthfd1l	x	
CAD13	Q9WTR5	CAD13	Cdh13	x	
D3YYT0	D3YYT0	CADH2	Cdh2	x	
CADM1	Q8R5M8	CADM1	Cadm1	x	
K4DI58	K4DI58	CADM3	Cadm3	x	
CADM4	Q8R464	CADM4	Cadm4	x	
CAH2	P00920	CAH2	Ca2	x	
CALB2	Q08331	CALB2	Calb2	x	
CALM1	P0DP26	CALM1	Calm1	x	
CALR	P14211	CALR	Calr	x	
CALX	P35564	CALX	Canx	x	

CAMKV	Q3UHL1	CAMKV	Camkv	x	
CAN2	O08529	CAN2	Capn2	x	
CANB1	Q63810	CANB1	Ppp3r1	x	
CAND1	Q6ZQ38	CAND1	Cand1	x	
CAP1	P40124	CAP1	Cap1	x	
CAPZB	P47757	CAPZB	Capzb	x	
CAZA2	P47754	CAZA2	Capza2	x	
CBR1	P48758	CBR1	Cbr1	x	
CBR4	Q91VT4	CBR4	Cbr4	x	
A2AMQ5	A2AMQ5	CDS2	Cds2	x	
CEND	Q9JKC6	CEND	Cend1	x	
CH10	Q64433	CH10	Hspe1	x	
CH60	P63038	CH60	Hspd1	x	x
CLCB	Q6IRU5	CLCB	Cltb	x	
CLIC4	Q9QYB1	CLIC4	Clic4	x	
CMPK2	Q3U5Q7	CMPK2	Cmpk2	x	
CN37	P16330	CN37	Cnp	x	x
CNTN1	P12960	CNTN1	Cntn1	x	
CNTP1	O54991	CNTP1	Cntnap1	x	
E9QNF7	E9QNF7	CNTP2	Cntnap2	x	
COF1	P18760	COF1	Cfl1	x	
COQ3	Q8BMS4	COQ3	Coq3	x	
COX3	P00416	COX3	mt-Co3		
COX5A	P12787	COX5A	Cox5a	x	x
COX6C	Q9CPQ1	COX6C	Cox6c	x	
CPLX2	P84086	CPLX2	Cplx2	x	
Q3UYN2	Q3UYN2	CPNE6	Cpne6	x	
CPT2	P52825	CPT2	Cpt2	x	
CSK21	Q60737	CSK21	Csnk2a1	x	
CSKI1	Q6P9K8	CSKI1	Caskin1	x	
CSKP	O70589	CSKP	Cask	x	
CSPG5	Q71M36	CSPG5	Cspg5	x	
CSRP1	P97315	CSRP1	Csrp1	x	
A0A0J9YU62	A0A0J9YU62	CTBP1	Ctbp1	x	
CTNB1	Q02248	CTNB1	Ctnnb1	x	
B7ZNF6	B7ZNF6	CTND2	Ctnnd2	x	
CX6B1	P56391	CX6B1	Cox6b1	x	
CX7A2	P48771	CX7A2	Cox7a2	x	

CXA1	P23242	CXA1	Gja1	x
CY1	Q9D0M3	CY1	Cyc1	x
CYC	P62897	CYC	Cycs	x
D39U1	Q5M8N4	D39U1	Sdr39u1	x
DCTN2	Q99KJ8	DCTN2	Dctn2	x
DDAH1	Q9CWS0	DDAH1	Ddah1	x
DECR	Q9CQ62	DECR	Decr1	x
DHB8	P50171	DHB8	Hsd17b8	x
DHE3	P26443	DHE3	Glud1	x
A0A0G2JGJ1	A0A0G2JGJ1	DHPR	Qdpr	x
DHRS1	Q99L04	DHRS1	Dhrs1	x
DJC11	Q5U458	DJC11	Dnajc11	x
DLDH	O08749	DLDH	Dld	x
E9Q9H0	E9Q9H0	DLG1	Dlg1	x
A0A338P6J0	A0A338P6J0	DLG2	Dlg2	x
A0A338P6E5	A0A338P6E5	DLG4	Dlg4	x
DLGP1	Q9D415	DLGP1	Dlgap1	x
Q0VF59	Q0VF59	DLGP2	Dlgap2	x
DNJA2	Q9QYJ0	DNJA2	Dnaja2	x
DNM1L	Q8K1M6	DNM1L	Dnm1l	x
DPP10	Q6NXK7	DPP10	Dpp10	x
DPYL1	P97427	DPYL1	Crmp1	x
DPYL2	O08553	DPYL2	Dpysl2	x
D3Z360	D3Z360	DPYL4	Dpysl4	x
DPYL5	Q9EQF6	DPYL5	Dpysl5	x
DYHC1	Q9JHU4	DYHC1	Dync1h1	x
DYL1	P63168	DYL1	Dynl1	x
E9QLL2	E9QLL2	DYN3	Dnm3	x
A2AUK5	A2AUK5	E41L1	Epb41l1	x
Q80UE4	Q80UE4	E41L2	Epb41l2	x
EAA1	P56564	EAA1	Slc1a3	x
EAA2	P43006	EAA2	Slc1a2	x
ECHA	Q8BMS1	ECHA	Hadha	x
ECHB	Q99JY0	ECHB	Hadhb	x
ECHM	Q8BH95	ECHM	Echs1	x
ECI1	P42125	ECI1	Eci1	x
EF1A1	P10126	EF1A1	Eef1a1	x
EF1A2	P62631	EF1A2	Eef1a2	x

EF2	P58252	EF2	Eef2	x
EFGM	Q8K0D5	EFGM	Gfm1	x
ENDD1	Q8C522	ENDD1	Endod1	x
ENOA	P17182	ENOA	Eno1	x
ENOG	P17183	ENOG	Eno2	x
ENPL	P08113	ENPL	Hsp90b1	x
Q3UHT7	Q3UHT7	ERC2	Erc2	x
ETFA	Q99LC5	ETFA	Etfa	x
ETFB	Q9DCW4	ETFB	Etfb	x
Q6PF96	Q6PF96	ETFD	Etfdh	x
ETHE1	Q9DCM0	ETHE1	Ethe1	x
EXOG	Q8C163	EXOG	Exog	x
FABP5	Q05816	FABP5	Fabp5	x
FABPH	P11404	FABPH	Fabp3	x
A0A0R4J094	A0A0R4J094	FAHD2	Fahd2a	x
FARP1	F8VPU2	FARP1	Farp1	x
FIS1	Q9CQ92	FIS1	Fis1	x
FLOT1	O08917	FLOT1	Flot1	x
Q5SS83	Q5SS83	FLOT2	Flot2	x
FSCN1	Q61553	FSCN1	Fscn1	x
S4R1W8	S4R1W8	G3P	Gapdh	x
G6PI	P06745	G6PI	Gpi	x
GABR1	Q9WV18	GABR1	Gabbr1	x
GABR2	Q80T41	GABR2	Gabbr2	x
GABT	P61922	GABT	Abat	x
GAL3A	Q9D172	GAL3A	Gatd3	
GBB1	P62874	GBB1	Gnb1	x
GBB4	P29387	GBB4	Gnb4	
A0A0N4SVT3	A0A0N4SVT3	GBG12	Gng12	x
GBG2	P63213	GBG2	Gng2	
GBRA1	P62812	GBRA1	Gabra1	x
A0A0A0MQ68	A0A0A0MQ68	GCDH	Gcdh	x
Q3USC7	Q3USC7	GD1L1	Gdap1l1	x
GDAP1	O88741	GDAP1	Gdap1	x
GDIA	P50396	GDIA	Gdi1	x
GDIB	Q61598	GDIB	Gdi2	x
GDIR1	Q99PT1	GDIR1	Arhgdia	x
GDS1	E9Q912	GDS1	Rap1gds1	

A0JNY3	A0JNY3	GEPH	Gphn	x	
GFAP	P03995	GFAP	Gfap	x	x
GHC1	Q9D6M3	GHC1	Slc25a22	x	
GHC2	Q9DB41	GHC2	Slc25a18	x	
GLNA	P15105	GLNA	Glul	x	
GLOD4	Q9CPV4	GLOD4	Glod4	x	
GLPK	Q64516	GLPK	Gk	x	
GLRX5	Q80Y14	GLRX5	Glrx5	x	
GLSK	D3Z7P3	GLSK	Gls	x	
GNAS2	P63094	GNAS2	Gnas		
GNB5	P62881	GNB5	Gnb5	x	
GPDM	Q64521	GPDM	Gpd2	x	
A2AEG6	A2AEG6	GPM6B	Gpm6b	x	
GRIN1	Q3UNH4	GRIN1	Gprin1	x	
GRP75	P38647	GRP75	Hspa9	x	
GSTM1	P10649	GSTM1	Gstm1	x	
GSTP1	P19157	GSTP1	Gstp1	x	
GTR3	P32037	GTR3	Slc2a3	x	
GUAD	Q9R111	GUAD	Gda	x	
H2B1C	Q6ZWY9	H2B1C	H2bc8		
H4	P62806	H4	H4c16	x	
Q91VB8	Q91VB8	HBA	Hba-a1	x	
A2AFQ2	A2AFQ2	HCD2	Hsd17b10	x	
HCDH	Q61425	HCDH	Hadh	x	
HECAM	Q640R3	HECAM	Hepacam	x	
A0A494BAI5	A0A494BAI5	HEMH	Fech	x	
HIBCH	Q8QZS1	HIBCH	Hibch	x	
HINT2	Q9D0S9	HINT2	Hint2	x	
HMGCL	P38060	HMGCL	Hmgcl	x	
HOME1	Q9Z2Y3	HOME1	Homer1	x	
HS105	Q61699	HS105	Hsph1	x	
HS74L	P48722	HS74L	Hspa4l	x	
HS90A	P07901	HS90A	Hsp90aa1	x	
HS90B	P11499	HS90B	Hsp90ab1	x	
HSP7C	P63017	HSP7C	Hspa8	x	
I3ITR1	I3ITR1	I3ITR1	AK157302		
ICAM5	Q60625	ICAM5	Icam5	x	
IDH3A	Q9D6R2	IDH3A	Idh3a	x	

IDHG1	P70404	IDHG1	ldh3g	x	
IDHP	P54071	IDHP	ldh2	x	
A0A0A0MQM0	A0A0A0MQM0	IF5A1	Eif5a	x	
G3UYZ1	G3UYZ1	IGSF8	lgsf8	x	
IPYR2	Q91VM9	IPYR2	Ppa2	x	
A0A1D5RM83	A0A1D5RM83	IQEC1	lqsec1	x	
ISC2A	P85094	ISC2A	lsoc2a	x	
ITPR1	P11881	ITPR1	ltpr1	x	
KAD1	Q9R0Y5	KAD1	Ak1	x	
KAD3	Q9WTP7	KAD3	Ak3	x	
KAD4	Q9WUR9	KAD4	Ak4	x	
A0A0A6YX73	A0A0A6YX73	KAP2	Prkar2a	x	
KAP3	P31324	KAP3	Prkar2b	x	
KCC2A	P11798	KCC2A	Camk2a	x	x
KCC2B	P28652	KCC2B	Camk2b	x	
KCC2G	Q923T9	KCC2G	Camk2g	x	
KCRU	P30275	KCRU	Ckmt1	x	x
E0CZ72	E0CZ72	KIF2A	Kif2a	x	
KINH	Q61768	KINH	Kif5b	x	
KPCG	P63318	KPCG	Prkcg	x	
KPYM	P52480	KPYM	Pkm	x	
A2AFG8	A2AFG8	L1CAM	L1cam	x	
F6RJV6	F6RJV6	LANC2	Lanc12	x	
LASP1	Q61792	LASP1	Lasp1	x	
A0A1B0GSX0	A0A1B0GSX0	LDHA	Ldha	x	
A9DA50	A9DA50	LIGO1	Lingo1	x	
LONM	Q8CGK3	LONM	Lonp1	x	
LPPRC	Q6PB66	LPPRC	Lrp1	x	
A0A0R4J0I9	A0A0R4J0I9	LRP1	Lrp1	x	
A0A087WP70	A0A087WP70	LSAMP	Lsamp	x	x
Q8K356	Q8K356	LY6H	Ly6h	x	
MACD1	Q922B1	MACD1	Macrod1		
B1ARU4	B1ARU4	MACF1	Macf1	x	
MAG	P20917	MAG	Mag	x	
MAL2	Q8BI08	MAL2	Mal2	x	
MAOM	Q99KE1	MAOM	Me2	x	
MAON	Q8BMF3	MAON	Me3	x	
A2ARP8	A2ARP8	MAP1A	Map1a	x	

MAP1B	P14873	MAP1B	Map1b	x
MAP4	P27546	MAP4	Map4	x
MAP6	Q7TSJ2	MAP6	Map6	x
MARC2	Q922Q1	MARC2	Mtarc2	x
MARCS	P26645	MARCS	Marcks	x
MARE3	Q6PER3	MARE3	Mapre3	x
A0A498WGS3	A0A498WGS3	MBP	Mbp	x
MCCA	Q99MR8	MCCA	Mccc1	x
MCCB	Q3ULD5	MCCB	Mccc2	x
MCU	Q3UMR5	MCU	Mcu	x
MDHC	P14152	MDHC	Mdh1	x
MDHM	P08249	MDHM	Mdh2	x
MFN2	Q80U63	MFN2	Mfn2	x
MIC19	Q9CRB9	MIC19	Chchd3	x
E9Q4M4	E9Q4M4	MIC25	Chchd6	x
MIC26	Q9DCZ4	MIC26	Apoo	x
MIC60	Q8CAQ8	MIC60	Immt	x
MICU3	Q9CTY5	MICU3	Micu3	x
MIRO1	Q8BG51	MIRO1	Rhot1	x
MITOS	Q9CXJ4	MITOS	Abcb8	
MMSA	Q9EQ20	MMSA	Aldh6a1	x
Q3UY21	Q3UY21	MOG	Mog	x
MP2K1	P31938	MP2K1	Map2k1	x
MPC1	P63030	MPC1	Mpc1	x
A0A668KLC6	A0A668KLC6	MTAP2	Map2	x
MTCH1	Q791T5	MTCH1	Mtch1	x
MTCH2	Q791V5	MTCH2	Mtch2	x
MTX2	O88441	MTX2	Mtx2	x
MUTA	P16332	MUTA	Mmut	x
B2RRE2	B2RRE2	MY18A	Myo18a	x
Q5SV64	Q5SV64	MYH10	Myh10	x
A0A1W2P6F6	A0A1W2P6F6	MYL6	Myl6	x
F6Z2S4	F6Z2S4	MYO5A	Myo5a	x
MYPR	P60202	MYPR	Plp1	x
NAC2	Q8K596	NAC2	Slc8a2	x
NAKD2	Q8C5H8	NAKD2	Nadk2	x
NB5R3	Q9DCN2	NB5R3	Cyb5r3	x
E9QB01	E9QB01	NCAM1	Ncam1	x

NCAM2	O35136	NCAM2	Ncam2	x	
NCDN	Q9Z0E0	NCDN	Ncdn	x	
NDRG2	Q9QYG0	NDRG2	Ndrg2	x	
NDUA2	Q9CQ75	NDUA2	Ndufa2	x	
NDUA4	Q62425	NDUA4	Ndufa4	x	
NDUA5	Q9CPP6	NDUA5	Ndufa5	x	
NDUA6	Q9CQZ5	NDUA6	Ndufa6	x	
NDUA7	Q9Z1P6	NDUA7	Ndufa7	x	
NDUA8	Q9DCJ5	NDUA8	Ndufa8	x	
A0A0R3P9C8	A0A0R3P9C8	NDUA9	Ndufa9	x	
NDUAA	Q99LC3	NDUAA	Ndufa10	x	
G5E814	G5E814	NDUAB	Ndufa11	x	
NDUAC	Q7TMF3	NDUAC	Ndufa12	x	
NDUAD	Q9ERS2	NDUAD	Ndufa13	x	
NDUB4	Q9CQC7	NDUB4	Ndufb4	x	
D3Z568	D3Z568	NDUB5	Ndufb5	x	
NDUB7	Q9CR61	NDUB7	Ndufb7	x	
NDUB8	Q9D6J5	NDUB8	Ndufb8	x	
NDUB9	Q9CQJ8	NDUB9	Ndufb9	x	
NDUBA	Q9DCS9	NDUBA	Ndufb10	x	
NDUC2	Q9CQ54	NDUC2	Ndufc2	x	
NDUS2	Q91WD5	NDUS2	Ndufs2	x	
NDUS3	Q9DCT2	NDUS3	Ndufs3	x	x
E9QPX3	E9QPX3	NDUS4	Ndufs4	x	
B1ARW4	B1ARW4	NDUS5	Ndufs5	x	
NDUS6	P52503	NDUS6	Ndufs6	x	
NDUS7	Q9DC70	NDUS7	Ndufs7	x	
D3YUM1	D3YUM1	NDUV1	Ndufv1	x	
NDUV2	Q9D6J6	NDUV2	Ndufv2	x	
NECP1	Q9CR95	NECP1	Necap1	x	
A0A4W9	A0A4W9	NEGR1	Negr1	x	
NEUM	P06837	NEUM	Gap43	x	
NFH	P19246	NFH	Nefh		
NFL	P08551	NFL	Nefl	x	x
A0A0R4J036	A0A0R4J036	NFM	Nefm	x	
NFS1	Q9Z1J3	NFS1	Nfs1	x	
NIPS1	O55125	NIPS1	Nipsnap1	x	
Q7TMG8	Q7TMG8	NIPS2	Nipsnap2	x	

A2AI14	A2AI14	NMDZ1	Grin1	x
J3QMM7	J3QMM7	NNRD	Naxd	x
A3KGE4	A3KGE4	NOE1	Olfm1	x
NPTN	P97300	NPTN	Nptn	x
NPTX1	Q62443	NPTX1	Nptx1	x
E0CY11	E0CY11	NRX1A	Nrxn1	x
NT5D3	Q3UHB1	NT5D3	Nt5dc3	x
NU5M	P03921	NU5M	Mtnd5	x
OCAD2	Q9D8W7	OCAD2	Ociad2	x
ODB2	P53395	ODB2	Dbt	x
ODO2	Q9D2G2	ODO2	Dlst	x
ODP2	Q8BMF4	ODP2	Dlat	x
ODPA	P35486	ODPA	Pdha1	x
ODPB	Q9D051	ODPB	Pdhb	x
G3XA53	G3XA53	OMGP	Omg	x
D3YWF6	D3YWF6	OTUB1	Otub1	x
P5CR2	Q922Q4	P5CR2	Pycr2	x
P5CS	Q9Z110	P5CS	Aldh18a1	x
PACN1	Q61644	PACN1	Pacsin1	x
PALM	Q9Z0P4	PALM	Palm	x
PALS2	Q9JLB0	PALS2	Pals2	
PCCB	Q99MN9	PCCB	Pccb	x
PCLO	Q9QYX7	PCLO	Pclo	x
PCS1N	Q9QXV0	PCS1N	Pcsk1n	
PDIA3	P27773	PDIA3	Pdia3	x
PDK1	Q8BFP9	PDK1	Pdk1	x
PEA15	Q62048	PEA15	Pea15	x
PEBP1	P70296	PEBP1	Pebp1	x
PFKAL	P12382	PFKAL	Pfkl	x
PFKAM	P47857	PFKAM	Pfkm	x
Q8C605	Q8C605	PFKAP	Pfkp	x
PGAM1	Q9DBJ1	PGAM1	Pgam1	x
PGK1	P09411	PGK1	Pgk1	x
PHB1	P67778	PHB1	Phb1	
PHB2	O35129	PHB2	Phb2	x
PHF24	Q80TL4	PHF24	Phf24	x
PI4KA	E9Q3L2	PI4KA	Pi4ka	x
E0CYV0	E0CYV0	PIMT	Pcmt1	x

PLEC	Q9QXS1	PLEC	Plec	x
PLPP3	Q99JY8	PLPP3	Plpp3	x
A0A0G2JGY9	A0A0G2JGY9	PLPR4	Plppr4	x
PP1A	P62137	PP1A	Ppp1ca	x
PPIA	P17742	PPIA	Ppia	x
PPIB	P24369	PPIB	Ppib	x
PRDX1	P35700	PRDX1	Prdx1	x
PRDX2	Q61171	PRDX2	Prdx2	x
PRDX3	P20108	PRDX3	Prdx3	x
PRDX5	P99029	PRDX5	Prdx5	x
PROD	Q9WU79	PROD	Prodh	x
PROF1	P62962	PROF1	Pfn1	x
PROF2	Q9JJV2	PROF2	Pfn2	x
PRRT2	E9PUL5	PRRT2	Prrt2	x
PSA	Q11011	PSA	Npepps	x
PSA5	Q9Z2U1	PSA5	Psma5	x
PTGR3	Q8BGC4	PTGR3	Ptgr3	x
PTPR2	P80560	PTPR2	Ptpn2	x
B2RXS8	B2RXS8	PTPRZ	Ptprz1	
Q3U125	Q3U125	PXL2A	Prxl2a	
G5E8R3	G5E8R3	PYC	Pcx	x
PYGM	Q9WUB3	PYGM	Pygm	x
QCR1	Q9CZ13	QCR1	Uqcrc1	x
QCR2	Q9DB77	QCR2	Uqcrc2	x
Q9CQB4	Q9CQB4	QCR7	Uqcrb	x
QCR8	Q9CQ69	QCR8	Uqcrq	x
RAB10	P61027	RAB10	Rab10	x
RAB14	Q91V41	RAB14	Rab14	x
RAB21	P35282	RAB21	Rab21	x
RAB2A	P53994	RAB2A	Rab2a	x
RAB35	Q6PHN9	RAB35	Rab35	x
RAB3A	P63011	RAB3A	Rab3a	x
RAB3C	P62823	RAB3C	Rab3c	x
RAB5C	P35278	RAB5C	Rab5c	x
RAB8B	P61028	RAB8B	Rab8b	
RALA	P63321	RALA	Rala	x
RDH14	Q9ERI6	RDH14	Rdh14	x
G3X8R0	G3X8R0	REEP5	Reep5	x

A0A0A6YXF6	A0A0A6YXF6	RHOA	Rhoa	x
RHOB	P62746	RHOB	Rhob	x
RIDA	P52760	RIDA	Rida	
RL12	P35979	RL12	Rpl12	x
A0A1B0GQU8	A0A1B0GQU8	RL18	Rpl18	x
RL3	P27659	RL3	Rpl3	x
RL8	P62918	RL8	Rpl8	x
RM12	Q9DB15	RM12	Mrpl12	x
RP3A	P47708	RP3A	Rph3a	x
RPGF4	Q9EQZ6	RPGF4	Rapgef4	x
RPN1	Q91YQ5	RPN1	Rpn1	x
RTN1	Q8K0T0	RTN1	Rtn1	x
RTN4	Q99P72	RTN4	Rtn4	x
A0A0J9YU26	A0A0J9YU26	S12A5	Slc12a5	x
S2512	Q8BH59	S2512	Slc25a12	
A0A0A6YWF5	A0A0A6YWF5	S38A3	Slc38a3	x
S4A10	Q5DTL9	S4A10	Slc4a10	x
E9Q8N8	E9Q8N8	S4A4	Slc4a4	x
S6A11	P31650	S6A11	Slc6a11	x
F8WGT1	F8WGT1	SAHH3	Ahcy12	x
SAM50	Q8BGH2	SAM50	Samm50	x
SCAI	Q8C8N2	SCAI	Scai	x
SCAM5	Q9JKD3	SCAM5	Scamp5	x
SCMC2	A2ASZ8	SCMC2	Slc25a25	x
SCMC3	Q6GQS1	SCMC3	Slc25a23	x
A0A5H1ZRM8	A0A5H1ZRM8	SCN2A	Scn2a	
SCOT1	Q9D0K2	SCOT1	Oxct1	x
SCP2	P32020	SCP2	Scp2	
SCPDL	Q8R127	SCPDL	Sccpdh	x
SCRN1	Q9CZC8	SCRN1	Scrn1	x
SDHA	Q8K2B3	SDHA	Sdha	x
A0A0J9YTY0	A0A0J9YTY0	SEPT11	Septin11	x
D3YYB1	D3YYB1	SEPT2	Septin2	x
SEPT3	Q9Z1S5	SEPT3	Septin3	x
E9Q1G8	E9Q1G8	SEPT7	Septin7	x
A2A6U3	A2A6U3	SEPT9	Septin9	x
SERA	Q61753	SERA	Phgdh	x
SERC	Q99K85	SERC	Psat1	x

SFXN5	Q925N0	SFXN5	Sfxn5	x	
SHAN1	D3YZU1	SHAN1	Shank1	x	
D3Z5K8	D3Z5K8	SHAN2	Shank2	x	
SHAN3	Q4ACU6	SHAN3	Shank3	x	
A2AWI7	A2AWI7	SHLB2	Sh3glb2	x	
SHPS1	P97797	SHPS1	Sirpa	x	
SHSA7	Q8C3Q5	SHSA7	Shisa7	x	
A0A140LHL5	A0A140LHL5	SIR2	Sirt2	x	
SNAA	Q9DB05	SNAA	Napa	x	
SNAB	P28663	SNAB	Napb	x	
D3Z4B2	D3Z4B2	SNAG	Napg	x	
SNG1	O55100	SNG1	Syngr1	x	
SNG3	Q8R191	SNG3	Syngr3	x	
SNP25	P60879	SNP25	Snap25	x	x
SNPH	Q80U23	SNPH	Snph	x	
SODC	P08228	SODC	Sod1	x	
SODM	P09671	SODM	Sod2	x	
SOGA3	Q6NZL0	SOGA3	Soga3	x	
Q91XH5	Q91XH5	SPRE	Spr	x	
SPTB2	Q62261	SPTB1	Sptbn1	x	
Q68FG2	Q68FG2	SPTB2	Sptbn2	x	x
A3KGU7	A3KGU7	SPTN1	Sptan1	x	x
A0A571BDG6	A0A571BDG6	SRCN1	Srcin1	x	
STML2	Q99JB2	STML2	Stoml2	x	
STMN1	P54227	STMN1	Stmn1	x	
STX1A	O35526	STX1A	Stx1a	x	
STX1B	P61264	STX1B	Stx1b	x	x
SUCA	Q9WUM5	SUCA	Suc1g1	x	
SUCB1	Q9Z2I9	SUCB1	Suc1a2	x	
SUCB2	Q9Z2I8	SUCB2	Suc1g2	x	
SV2A	Q9JIS5	SV2A	Sv2a	x	
SV2B	Q8BG39	SV2B	Sv2b	x	
A0A338P799	A0A338P799	SYGP1	Syngap1	x	
SYN1	O88935	SYN1	Syn1	x	
SYN2	Q64332	SYN2	Syn2	x	
SYNPO	Q8CC35	SYNPO	Synpo	x	
SYPH	Q62277	SYPH	Syp	x	
SYT1	P46096	SYT1	Syt1	x	

SYUA	O55042	SYUA	Snca	x	
SYUB	Q91ZZ3	SYUB	Sncb	x	
TAGL3	Q9R1Q8	TAGL3	Tagln3	x	
B1AQW2	B1AQW2	TAU	Mapt	x	
A0A0A0MQA5	A0A0A0MQA5	TBA4A	Tuba4a	x	x
TBB3	Q9ERD7	TBB3	Tubb3	x	x
TBB4A	Q9D6F9	TBB4A	Tubb4a	x	x
TBB5	P99024	TBB5	Tubb5	x	x
TCPA	P11983	TCPA	Tcp1	x	
TCPB	P80314	TCPB	Cct2	x	
G5E839	G5E839	TCPD	Cct4	x	
TCPE	P80316	TCPE	Cct5	x	
TCPG	P80318	TCPG	Cct3	x	
TCPH	P80313	TCPH	Cct7	x	
TCPQ	P42932	TCPQ	Cct8	x	
Q52KG9	Q52KG9	TCPZ	Cct6a	x	
A0A0G2JFB2	A0A0G2JFB2	TDRKH	Tdrkh	x	
TENR	Q8BYI9	TENR	Tnr	x	
THEM4	Q3UUI3	THEM4	Them4	x	
THIL	Q8QZT1	THIL	Acat1	x	
THIM	Q8BWT1	THIM	Acaa2	x	
THIO	P10639	THIO	Txn	x	
THTM	Q99J99	THTM	Mpst	x	
THTR	P52196	THTR	Tst	x	
TIM44	O35857	TIM44	Timm44	x	
TIM50	Q9D880	TIM50	Timm50	x	
TIM9	Q9WV98	TIM9	Timm9	x	
TKT	P40142	TKT	Tkt	x	
TMM65	Q4VAE3	TMM65	Tmem65	x	
TMOD2	Q9JKK7	TMOD2	Tmod2	x	
TOM22	Q9CPQ3	TOM22	Tomm22	x	
TOM70	Q9CZW5	TOM70	Tomm70	x	
TPIS	P17751	TPIS	Tpi1	x	x
G5E8R0	G5E8R0	TPM1	Tpm1	x	
TPPP	Q7TQD2	TPPP	Tppp	x	x
TPPP3	Q9CRB6	TPPP3	Tppp3	x	
TRAP1	Q9CQN1	TRAP1	Trap1	x	
TXTP	Q8JZU2	TXTP	Slc25a1	x	

UBE2N	P61089	UBE2N	Ube2n	x	
Q3U4W8	Q3U4W8	UBP5	Usp5	x	
UCHL1	Q9R0P9	UCHL1	Uchl1	x	x
B0QZN5	B0QZN5	VAMP2	Vamp2	x	x
Q8BH80	Q8BH80	VAPB	Vapb	x	
VAT1	Q62465	VAT1	Vat1	x	
VATA	P50516	VATA	Atp6v1a	x	
VATB2	P62814	VATB2	Atp6v1b2	x	
VATC1	Q9Z1G3	VATC1	Atp6v1c1	x	
VATD	P57746	VATD	Atp6v1d	x	
VATG2	Q9WTT4	VATG2	Atp6v1g2	x	
A0A0A6YX18	A0A0A6YX18	VATH	Atp6v1h	x	
VDAC1	Q60932	VDAC1	Vdac1	x	x
J3QMG3	J3QMG3	VDAC3	Vdac3	x	
VIAAT	O35633	VIAAT	Slc32a1	x	
VIME	P20152	VIME	Vim	x	
K3W4T3	K3W4T3	VPP1	Atp6v0a1	x	
WDR1	O88342	WDR1	Wdr1	x	
WDR7	Q920I9	WDR7	Wdr7	x	

PPT1 KO-2-4-7 Consensus Lipofuscin Proteome				S-Acylated Protein Annotation	Mitochondrial Subcompartment Annotation	Lysosomal Protein Annotation				Synaptic Protein Annotation		Human Protein Atlas Organelle Annotation												
UniProt Accession	SWISSPROT Accession	UniProt ID	Gene Name	Brain Palmitome (Gorenberg et al., 2022)	MitoCarta 3.0 Annotation	Known Lysosomal Proteins (Laqtom et al., 2022)	Proteins Enriched in Lyso-IP (Laqtom et al., 2022)	Lysosomal Proteins (Chapel et al., 2013)	Known Lysosomal Proteins (Akker et al., 2023)	Synaptosome Proteins (Taoufiq et al., 2020)	Synaptic Vesicle (SV) Proteins (Taoufiq et al., 2020)	Vesicles	Mitochondria	Nucleoplasm	Nuclear Membrane	Nucleoli	Cytosol	Centrosome	Microtubules	Intermediate Filaments	Actin Filaments	Golgi Apparatus	Endoplasmic Reticulum	Plasma Membrane
Q9CQV8	1433B	1433B	Ywhab	x				x			x						x							
P62259	1433E	1433E	Ywhae	x				x									x							
P68510	1433F	1433F	Ywhah	x													x							
P61982	1433G	1433G	Ywhag	x							x							x						
P68254	1433T	1433T	Ywhaq	x							x			x			x							
P63101	1433Z	1433Z	Ywhaz	x							x													
Q78M23	2AA	2AA	Pdg2r1a	x				x			x						x							
Q9RL13	3HDDH	3HDDH	Hbbash	x	Matrix					x														
P10852	4F2	4F2	Slc3a2	x				x	x		x			x										x
ADA0A6YW67	ADA0A6YW67	ADA0A6YW67	Gm8797																					
A2ALL9	A2ALL9	A2ALL9	Alp2b3								x													
Q3UIJ0	AAK1	AAK1	Aak1	x								x						x						x
P05201	AATC	AATC	Got1	x		x		x			x													
P05202	AATM	AATM	Got2	x	MIM						x													
Q61102	ABCB7	ABCB7	Abcb7	x	MIM					x			x											
Q6PE15	ABHD4	ABHD4	Abhd4	x	Matrix					x			x											
E9Q030	E9Q030	ABLM1	Ablm1	x							x						x							
E9Q0W6	E9Q0W6	ABLM2	Ablm2	x						x			x	x										
ADA0R4J0P1	ADA0R4J0P1	ACAD8	Acad8	x	Matrix					x														
Q8J2N5	ACAD9	ACAD9	Acad9	x	MIM					x			x											
ADA0R4J0B3	ADA0R4J0B3	ACADL	Acadl	x	MIM					x														
P45952	ACADM	ACADM	Acadm	x	Matrix					x				x										
Q07417	ACADS	ACADS	Acads	x	Matrix					x				x										
P05044	ACADV	ACADV	Acadvl	x	MIM					x			x	x	x		x							
Q99FJ5	ACBG1	ACBG1	Acbg1	x							x													
Q9DBL1	ACDSB	ACDSB	Acadsb	x	Matrix					x			x											x
Q91V92	ACLY	ACLY	Acly	x	Matrix		x	x	x		x				x			x						
Q9CQR4	ACO13	ACO13	Acot13	x	Matrix					x				x										x
Q99K0	ACON	ACON	Acot2	x	Matrix					x				x										
Q9QYR9	ACOT2	ACOT2	Acot2	x	Matrix					x														
Q9R0X4	ACOT9	ACOT9	Acot9	x	MIM					x					x									x
F6ZFT1	F6ZFT1	ACPM	Ndufab1	x	MIM					x				x										
Q8VCW8	ACSF2	ACSF2	Acstf2	x	Matrix					x				x			x		x					
Q9ICG5	ACSL6	ACSL6	Acsl6	x	MIM						x													
P63260	ACTG	ACTG	Actg1	x							x													
A1BN54	A1BN54	ACTN1	Actn1	x			x			x							x				x			x
ADA494BB86	ACTZ	Actr1a		x							x								x					
D3YUP9	D3YUP9	ADA22	Adam22	x							x													x
F8WGR0	F8WGR0	ADDA	Add1	x						x					x									x
Q9QYB8	ADDB	ADDB	Add2	x						x					x		x							x
Q9QYB5	ADDG	ADDG	Add3	x						x														x
P4862	ADT1	ADT1	Slc25a4	x	MIM						x			x										
P51881	ADT2	ADT2	Slc25a5	x	MIM					x														
Q8JZQ2	AFG32	AFG32	Afg32	x	MIM					x														
Q9ESW4	AGK	AGK	Agk	x	MIM							x		x										
B1AU25	B1AU25	AIFM1	Aifm1	x	MIM					x				x										
P4660	AIXX	AIXX	Ina	x							x						x			x				
Q9JH6	AK1A1	AK1A1	Akr1a1	x				x		x					x									
Q9CZ31	AL1B1	AL1B1	Aldh1b1	x	Matrix					x				x										
Q8R0Y6	AL1L1	AL1L1	Aldh1l1	x	Matrix		x			x														
B1AT10	B1AT10	AL3A2	Aldh3a2	x	Membrane		x			x													x	
Q8CHT0	AL4A1	AL4A1	Aldh4a1	x	Matrix					x				x										
Q9DBF1	AL7A1	AL7A1	Aldh7a1	x	Matrix		x			x				x			x							
Q9JLJ2	AL9A1	AL9A1	Aldh9a1	x	Matrix					x														
ADA0G2JEU1	ADA0G2JEU1	ALDH2	Aldh2	x	Matrix						x													
P05064	ALDOA	ALDOA	Aldoa	x			x				x						x							
P05063	ALDOC	ALDOC	Aldoc	x							x						x							
P45376	ALDR	ALDR	Aldr1b1	x				x	x		x				x									
ADA0G2JEG8	AMPH	AMPH		x							x													x
Q9CPY7	AMPL	AMPL	Lap3	x	Matrix		x			x					x				x					
S4R2F3	S4R2F3	ANK2	Ank2	x					x		x													x
S4R2K9	S4R2K9	ANK3	Ank3	x		x			x		x													x
P48036	ANXA5	ANXA5	Anxa5	x				x			x				x									
F8WIT2	F8WIT2	ANXA6	Anxa6	x		x			x		x													
Q64133	AOFA	AOFA	Maob	x	MOM						x			x										
Q8BW75	AOFB	AOFB	Maob	x	MOM		x				x													
Q61548	AP180	AP180	Snap91	x							x							x						
Q35643	AP1B1	AP1B1	Ap1b1	x				x	x		x						x					x		
P17426	AP2A1	AP2A1	Ap2a1	x				x	x		x													
P17427	AP2A2	AP2A2	Ap2a2	x				x	x		x				x									
Q9DBG3	AP2B1	AP2B1	Ap2b1	x				x	x		x													
Q3TWW4	Q3TWW4	AP2M1	Ap2m1	x				x	x		x													x
ADA571BES1	ADA571BES1	AP3B2	Ap3b2	x					x		x					x						x		
Q54774	AP3D1	AP3D1	Ap3d1	x		x			x		x													
Q9R0Q6	ARC1A	ARC1A	Arpc1a	x							x						x							x
P61205	ARF3	ARF3	Arf3	x			x				x													
P61750	ARF4	ARF4	Arf4	x			x				x													
P61161	ARF2	ARF2	Arf2	x			x	x	x		x						x							
Q9RLY9	ARF3	ARF3	Arf3	x							x													
Q9DB98	ARPSL	ARPSL	Arpc5l	x							x													
D3YXG6	D3YXG6	ARPC2	Arpc2	x				x			x			x										
H7BWZ3	H7BWZ3	ARPC3	Arpc3	x							x				x									
P59899	ARPC4	ARPC4	Arpc4	x							x													
Q3UA72	Q3UA72	ARPC5	Arpc5	x			x				x		x											x
Q9WV54	ASAH1	ASAH1	Aeah1	x		x	x	x	x		x													
Q8COM9	ASGL1	ASGL1	Aesgl1	x							x								x					
Q8VON2	AT1A1	AT1A1	Atp1a1	x							x													
Q6PIE5	AT1A2	AT1A2	Atp1a2	x			x				x													
ADA0G2JGX4	ADA0G2JGX4	AT1A3	Atp1a3	x			x				x													
P14094	AT1B1	AT1B1	Atp1b1	x							x													
P14231	AT1B2	AT1B2	Atp1b2	x							x													
O55143	AT2A2	AT2A2	Atp2a2	x							x													

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