

5'-UTR overlapping genes

Uniprot ID	Gene Name	Description
P04217	A1BG	Alpha-1B-glycoprotein
Q9NP78	ABCB9	ATP-binding cassette sub-family B member 9
Q8TB40	ABHD4	Protein ABHD4
Q6ZMM2	ADAMTSL5	ADAMTS-like protein 5
P07327	ADH1A	Alcohol dehydrogenase 1A
Q15848	ADIPOQ	Adiponectin
A8K660	ADIPOQ	
Q15847	ADIRF	Adipogenesis regulatory factor
P30542	ADORA1	Adenosine receptor A1
P29274	ADORA2A	Adenosine receptor A2a
Q9BRR6	ADPGK	ADP-dependent glucokinase
P54922	ADPRH	[Protein ADP-ribosylarginine] hydrolase
Q9NX46	ADPRHL2	Poly(ADP-ribose) glycohydrolase ARH3
Q53H12	AGK	Acylglycerol kinase, mitochondrial
O00116	AGPS	Alkyldihydroxyacetonephosphate synthase, peroxisomal
Q8N157	AHI1	Joubertin
P35869	AHR	Aryl hydrocarbon receptor
A9YTQ3	AHRR	Aryl hydrocarbon receptor repressor
O75891	ALDH1L1	Cytosolic 10-formyltetrahydrofolate dehydrogenase
Q5BKT4	ALG10	Dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol alpha-1,2-glucosyltransferase
Q5I7T1	ALG10B	Putative Dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol alpha-1,2-glucosyltransferase
Q9UJX4	ANAPC5	Anaphase-promoting complex subunit 5
P16157	ANK1	Ankyrin-1
Q9NU02	ANKEF1	Ankyrin repeat and EF-hand domain-containing protein 1
Q8N9B4	ANKRD42	Ankyrin repeat domain-containing protein 42
Q92572	AP3S1	AP-3 complex subunit sigma-1
O95445	APOM	Apolipoprotein M
Q92624	APPBP2	Amyloid protein-binding protein 2

Q9UKG1	APPL1	DCC-interacting protein 13-alpha
Q8NEU8	APPL2	DCC-interacting protein 13-beta
Q6FGT0	AQP9	
O43315	AQP9	Aquaporin-9
Q13017	ARHGAP5	Rho GTPase-activating protein 5
Q96DR7	ARHGEF26	Rho guanine nucleotide exchange factor 26
Q9NR81	ARHGEF3	Rho guanine nucleotide exchange factor 3
A8MVX0	ARHGEF33	Rho guanine nucleotide exchange factor 33
H7C3S6	ARHGEF33	
A5YM69	ARHGEF35	Rho guanine nucleotide exchange factor 35
A1IGU5	ARHGEF37	Rho guanine nucleotide exchange factor 37
Q9NXL2	ARHGEF38	Rho guanine nucleotide exchange factor 38
Q8N4T4	ARHGEF39	Rho guanine nucleotide exchange factor 39
Q9Y4X5	ARIH1	E3 ubiquitin-protein ligase ARIH1
Q9H672	ASB7	Ankyrin repeat and SOCS box protein 7
P50553	ASCL1	Achaete-scute homolog 1
Q9NR48	ASH1L	Histone-lysine N-methyltransferase ASH1L
O95260	ATE1	Arginyl-tRNA--protein transferase 1
Q9Y2D1	ATF5	Cyclic AMP-dependent transcription factor ATF-5
Q9H7F0	ATP13A3	Probable cation-transporting ATPase 13A3
O75964	ATP5L	ATP synthase subunit g, mitochondrial
P48047	ATP5O	ATP synthase subunit O, mitochondrial
Q8NHE4	ATP6V0E2	V-type proton ATPase subunit e 2
P21283	ATP6V1C1	V-type proton ATPase subunit C 1
O14977	AZIN1	Antizyme inhibitor 1
Q9UBX8	B4GALT6	Beta-1,4-galactosyltransferase 6
Q9UPM9	B9D1	B9 domain-containing protein 1
Q96GW7	BCAN	Brevican core protein
Q92843	BCL2L2	Bcl-2-like protein 2
Q8WUZ0	BCL7C	B-cell CLL/lymphoma 7 protein family member C

P23560	BDNF	Brain-derived neurotrophic factor
Q3B7T3	BEAN1	Protein BEAN1
Q9Y2F9	BTBD3	BTB/POZ domain-containing protein 3
P62324	BTG1	Protein BTG1
Q6IBC8	BTG1	
Q8NE79	BVES	Blood vessel epicardial substance
O95153	BZRAP1	Peripheral-type benzodiazepine receptor-associated protein 1
Q9H8K7	C10orf88	Uncharacterized protein C10orf88
A6NNL5	C15orf61	Uncharacterized protein C15orf61
Q96GQ5	C16orf58	RUS1 family protein C16orf58
Q9BVC5	C2orf49	Ashwin
Q8IY42	C4orf19	Uncharacterized protein C4orf19
Q9H6K1	C6orf106	Uncharacterized protein C6orf106
Q96E40	C9orf9	Uncharacterized protein C9orf9
Q5VZ13	C9orf91	Transmembrane protein C9orf91
P52907	CAPZA1	F-actin-capping protein subunit alpha-1
Q9Y2V2	CARHSP1	Calcium-regulated heat-stable protein 1
P51636	CAV2	Caveolin-2
Q75N03	CBLL1	E3 ubiquitin-protein ligase Hakai
A1A5D9	CCDC64B	Bicaudal D-related protein 2
Q96PX6	CCDC85A	Coiled-coil domain-containing protein 85A
Q92526	CCT6B	T-complex protein 1 subunit zeta-2
O15446	CD3EAP	DNA-directed RNA polymerase I subunit RPA34
Q00534	CDK6	Cyclin-dependent kinase 6
P42771	CDKN2A	Cyclin-dependent kinase inhibitor 2A
Q8N726	CDKN2A	Tumor suppressor ARF
G3XAG3	CDKN2A	
Q9NXV6	CDKN2AIP	CDKN2A-interacting protein
Q96HQ2	CDKN2AIPNL	CDKN2AIP N-terminal-like protein
Q92879	CELF1	CUGBP Elav-like family member 1

Q9BZP6	CHIA	Acidic mammalian chitinase
Q9Y3E7	CHMP3	Charged multivesicular body protein 3
Q9Y3Y2	CHTOP	Chromatin target of PRMT1 protein
P33076	CIITA	MHC class II transactivator
Q9NSE2	CISH	Cytokine-inducible SH2-containing protein
P30622	CLIP1	CAP-Gly domain-containing linker protein 1
O75153	CLUH	Clustered mitochondria protein homolog
F8VV52	CNOT2	
Q9NZN8	CNOT2	CCR4-NOT transcription complex subunit 2
P39059	COL15A1	Collagen alpha-1(XV) chain
Q9BXS0	COL25A1	Collagen alpha-1(XXV) chain
P53621	COPA	Coatomer subunit alpha
Q9BZB8	CPEB1	Cytoplasmic polyadenylation element-binding protein 1
Q13324	CRHR2	Corticotropin-releasing factor receptor 2
Q13363	CTBP1	C-terminal-binding protein 1
Q14247	CTTN	Src substrate cortactin
Q8WZ74	CTTNBP2	Cortactin-binding protein 2
Q9P2B4	CTTNBP2NL	CTTNBP2 N-terminal-like protein
Q13619	CUL4A	Cullin-4A
O95715	CXCL14	C-X-C motif chemokine 14
P05108	CYP11A1	Cholesterol side-chain cleavage enzyme, mitochondrial
Q16678	CYP1B1	Cytochrome P450 1B1
Q7Z449	CYP2U1	Cytochrome P450 2U1
Q9Y6A2	CYP46A1	Cholesterol 24-hydroxylase
Q99418	CYTH2	Cytohesin-2
P59103	DAOA	D-amino acid oxidase activator
P14868	DARS	Aspartate--tRNA ligase, cytoplasmic
Q6PI48	DARS2	Aspartate--tRNA ligase, mitochondrial
Q9BQY9	DBNDD2	Dysbindin domain-containing protein 2
Q14203	DCTN1	Dynactin subunit 1

Q96FC9	DDX11	Probable ATP-dependent DNA helicase DDX11
A8MPP1	DDX11L8	Putative ATP-dependent RNA helicase DDX11-like protein 8
Q8TDR3	DDX20	
Q9UHI6	DDX20	Probable ATP-dependent RNA helicase DDX20
Q8TB45	DEPTOR	DEP domain-containing mTOR-interacting protein
Q96PD7	DGAT2	Diacylglycerol O-acyltransferase 2
Q6IED9	DGAT2L7P	Putative diacylglycerol O-acyltransferase 2-like protein DGAT2L7P
Q15392	DHCR24	Delta(24)-sterol reductase
Q9UPY3	DICER1	Endoribonuclease Dicer
Q12959	DLG1	Disks large homolog 1
Q15700	DLG2	Disks large homolog 2
Q9Y222	DMTF1	Cyclin-D-binding Myb-like transcription factor 1
P59910	DNAJB13	DnaJ homolog subfamily B member 13
Q8NHS0	DNAJB8	DnaJ homolog subfamily B member 8
Q9UBS3	DNAJB9	DnaJ homolog subfamily B member 9
Q9NZQ0	DNAJC27	DnaJ homolog subfamily C member 27
Q9ULA0	DNPEP	Aspartyl aminopeptidase
O94777	DPM2	Dolichol phosphate-mannose biosynthesis regulatory protein
Q9NY33	DPP3	Dipeptidyl peptidase 3
Q9Y4J8	DTNA	Dystrobrevin alpha
O43237	DYNC1LI2	Cytoplasmic dynein 1 light intermediate chain 2
Q8TF09	DYNLRB2	Dynein light chain roadblock-type 2
P42892	ECE1	Endothelin-converting enzyme 1
P24530	EDNRB	Endothelin B receptor
Q9NZJ5	EIF2AK3	Eukaryotic translation initiation factor 2-alpha kinase 3
P78545	ELF3	ETS-related transcription factor Elf-3
O00472	ELL2	RNA polymerase II elongation factor ELL2
O95834	EML2	Echinoderm microtubule-associated protein-like 2
K7ESL7	EML2	
P21128	ENDOU	Poly(U)-specific endoribonuclease

P49961	ENTPD1	Ectonucleoside triphosphate diphosphohydrolase 1
B3EWF7	EPM2A	Laforin, isoform 9
O95278	EPM2A	Laforin
Q7L775	EPM2AIP1	EPM2A-interacting protein 1
Q8IUD2	ERC1	ELKS/Rab6-interacting/CAST family member 1
Q5T890	ERCC6L2	DNA excision repair protein ERCC-6-like 2
H7BXQ9	ERCC6L2	
Q9NVM1	EVA1B	Protein eva-1 homolog B
O43909	EXTL3	Exostosin-like 3
Q8IYM0	FAM186B	Protein FAM186B
Q9Y4E1	FAM21C	WASH complex subunit FAM21C
Q9NUQ9	FAM49B	Protein FAM49B
Q96K12	FAR2	Fatty acyl-CoA reductase 2
Q9H469	FBXL15	F-box/LRR-repeat protein 15
Q6PCT2	FBXL19	F-box/LRR-repeat protein 19
Q86XK2	FBXO11	F-box only protein 11
Q02790	FKBP4	Peptidyl-prolyl cis-trans isomerase FKBP4
Q01543	FLI1	Friend leukemia integration 1 transcription factor
Q9UPI3	FLVCR2	Feline leukemia virus subgroup C receptor-related protein 2
O95466	FMNL1	Formin-like protein 1
Q92949	FOXJ1	Forkhead box protein J1
Q8NA03	FSIP1	Fibrous sheath-interacting protein 1
Q8IY81	FTSJ3	pre-rRNA processing protein FTSJ3
O60353	FZD6	Frizzled-6
Q9H0R8	GABARAPL1	Gamma-aminobutyric acid receptor-associated protein-like 1
Q8N428	GALNT16	Polypeptide N-acetylgalactosaminyltransferase 16
P41250	GARS	Glycine--tRNA ligase
Q75MN1	GARS	
Q8N6F7	GCSAM	Germinal center-associated signaling and motility protein
Q7L5D6	GET4	Golgi to ER traffic protein 4 homolog

Q9H3K2	GHITM	Growth hormone-inducible transmembrane protein
Q9UBU3	GHRL	Appetite-regulating hormone
Q8NEA6	GLIS3	Zinc finger protein GLIS3
P00505	GOT2	Aspartate aminotransferase, mitochondrial
P43250	GRK6	G protein-coupled receptor kinase 6
Q499G6	GTF2I	
P78347	GTF2I	General transcription factor II-I
Q9UHL9	GTF2IRD1	General transcription factor II-I repeat domain-containing protein 1
Q86UP8	GTF2IRD2	General transcription factor II-I repeat domain-containing protein 2A
Q6EKJ0	GTF2IRD2B	General transcription factor II-I repeat domain-containing protein 2B
Q9UKN8	GTF3C4	General transcription factor 3C polypeptide 4
Q92522	H1FX	Histone H1x
O75367	H2AFY	Core histone macro-H2A.1
Q9P0M6	H2AFY2	Core histone macro-H2A.2
P0C0S5	H2AFZ	Histone H2A.Z
P12081	HARS	Histidine--tRNA ligase, cytoplasmic
P49590	HARS2	Probable histidine--tRNA ligase, mitochondrial
Q96DB2	HDAC11	Histone deacetylase 11
Q92769	HDAC2	Histone deacetylase 2
Q86XA9	HEATR5A	HEAT repeat-containing protein 5A
Q9BSE4	HERPUD2	Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 2 protein
P06865	HEXA	Beta-hexosaminidase subunit alpha
Q9HCP6	HHATL	Protein-cysteine N-palmitoyltransferase HHAT-like protein
Q14774	HLX	H2.0-like homeobox protein
Q15989	HLX1	
B2RA10	HOMER3	
Q9NSC5	HOMER3	Homer protein homolog 3
P14061	HSD17B1	Estradiol 17-beta-dehydrogenase 1
Q99714	HSD17B10	3-hydroxyacyl-CoA dehydrogenase type-2
Q8NBQ5	HSD17B11	Estradiol 17-beta-dehydrogenase 11

Q53GQ0	HSD17B12	Very-long-chain 3-oxoacyl-CoA reductase
Q7Z5P4	HSD17B13	17-beta-hydroxysteroid dehydrogenase 13
Q9BPX1	HSD17B14	17-beta-hydroxysteroid dehydrogenase 14
P07900	HSP90AA1	Heat shock protein HSP 90-alpha
P14625	HSP90B1	Endoplasmic
P08908	HTR1A	5-hydroxytryptamine receptor 1A
P28222	HTR1B	5-hydroxytryptamine receptor 1B
P28221	HTR1D	5-hydroxytryptamine receptor 1D
P28566	HTR1E	5-hydroxytryptamine receptor 1E
P30939	HTR1F	5-hydroxytryptamine receptor 1F
P28223	HTR2A	5-hydroxytryptamine receptor 2A
P41595	HTR2B	5-hydroxytryptamine receptor 2B
P28335	HTR2C	5-hydroxytryptamine receptor 2C
P46098	HTR3A	5-hydroxytryptamine receptor 3A
O95264	HTR3B	5-hydroxytryptamine receptor 3B
Q8WXA8	HTR3C	5-hydroxytryptamine receptor 3C
Q70Z44	HTR3D	5-hydroxytryptamine receptor 3D
A5X5Y0	HTR3E	5-hydroxytryptamine receptor 3E
Q13639	HTR4	5-hydroxytryptamine receptor 4
P50406	HTR6	5-hydroxytryptamine receptor 6
P34969	HTR7	5-hydroxytryptamine receptor 7
Q02363	ID2	DNA-binding protein inhibitor ID-2
Q9HBE4	IL21	Interleukin-21
Q9HBE5	IL21R	Interleukin-21 receptor
Q16891	IMMT	MICOS complex subunit MIC60
Q9UL03	INTS6	Integrator complex subunit 6
Q96P70	IPO9	Importin-9
Q4KMZ1	IQCC	IQ domain-containing protein C
Q969R8	ITFG2	Integrin-alpha FG-GAP repeat-containing protein 2
Q9NPI9	KCNJ16	Inward rectifier potassium channel 16

Q16558	KCNMB1	Calcium-activated potassium channel subunit beta-1
Q8WZ19	KCTD13	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 1
Q4G0X4	KCTD21	BTB/POZ domain-containing protein KCTD21
Q9BVV6	KIAA0586	Protein TALPID3
Q02241	KIF23	Kinesin-like protein KIF23
H7BYN4	KIF23	Kinesin-like protein
O95239	KIF4A	Chromosome-associated kinesin KIF4A
Q6PJI1	KIF9	
Q9HAQ2	KIF9	Kinesin-like protein KIF9
P57682	KLF3	Krueppel-like factor 3
Q9Y337	KLK5	Kallikrein-5
Q92876	KLK6	Kallikrein-6
Q8IZD2	KMT2E	Histone-lysine N-methyltransferase 2E
P01042	KNG1	Kininogen-1
Q1ED39	KNOP1	Lysine-rich nucleolar protein 1
Q6ZNG9	KRBA2	KRAB-A domain-containing protein 2
Q14CN4	KRT72	Keratin, type II cytoskeletal 72
O43790	KRT86	Keratin, type II cuticular Hb6
Q86UP2	KTN1	Kinectin
Q9BQD3	KXD1	KxDL motif-containing protein 1
Q9H9P8	L2HGDH	L-2-hydroxyglutarate dehydrogenase, mitochondrial
O43504	LAMTOR5	Ragulator complex protein LAMTOR5
A0A0C4DGV4	LAMTOR5	
P52954	LBX1	Transcription factor LBX1
P42702	LIFR	Leukemia inhibitory factor receptor
Q96GY3	LIN37	Protein lin-37 homolog
Q05469	LIPE	Hormone-sensitive lipase
Q9Y5X9	LIPG	Endothelial lipase
Q8TBB1	LNX1	E3 ubiquitin-protein ligase LNX
Q92604	LPGAT1	Acyl-CoA:lysophosphatidylglycerol acyltransferase 1

Q93052	LPP	Lipoma-preferred partner
Q86XM6	LPPR4	
Q5T3J3	LRIF1	Ligand-dependent nuclear receptor-interacting factor 1
Q14114	LRP8	Low-density lipoprotein receptor-related protein 8
P42704	LRPPRC	Leucine-rich PPR motif-containing protein, mitochondrial
Q8IUZ0	LRRC49	Leucine-rich repeat-containing protein 49
Q96AG4	LRRC59	Leucine-rich repeat-containing protein 59
Q6UXK5	LRRN1	Leucine-rich repeat neuronal protein 1
Q96E66	LRTOMT	Leucine-rich repeat-containing protein 51
Q9UK45	LSM7	U6 snRNA-associated Sm-like protein LSM7
P36941	LTBR	Tumor necrosis factor receptor superfamily member 3
Q13257	MAD2L1	Mitotic spindle assembly checkpoint protein MAD2A
Q15013	MAD2L1BP	MAD2L1-binding protein
Q13164	MAPK7	Mitogen-activated protein kinase 7
Q8IW41	MAPKAPK5	MAP kinase-activated protein kinase 5
P10636	MAPT	Microtubule-associated protein tau
D6REM6	MATR3	
A8MXP9	MATR3	
P43243	MATR3	Matrin-3
P61244	MAX	Protein max
C9JP00	MBNL1	
Q9NR56	MBNL1	Muscleblind-like protein 1
Q86VM6	MBNL1	
Q8NI22	MCFD2	Multiple coagulation factor deficiency protein 2
Q8NEM0	MCPH1	Microcephalin
Q06413	MEF2C	Myocyte-specific enhancer factor 2C
Q6UB28	METAP1D	Methionine aminopeptidase 1D, mitochondrial
O95568	METTL18	Histidine protein methyltransferase 1 homolog
P55082	MFAP3	Microfibril-associated glycoprotein 3
Q9GZY8	MFF	Mitochondrial fission factor

P08493	MGP	Matrix Gla protein
Q9NXC5	MIOS	WD repeat-containing protein mio
Q9UL63	MKLN1	Muskelin
P03956	MMP1	Interstitial collagenase
P09238	MMP10	Stromelysin-2
P24347	MMP11	Stromelysin-3
P39900	MMP12	Macrophage metalloelastase
P45452	MMP13	Collagenase 3
P50281	MMP14	Matrix metalloproteinase-14
P51511	MMP15	Matrix metalloproteinase-15
P51512	MMP16	Matrix metalloproteinase-16
Q9ULZ9	MMP17	Matrix metalloproteinase-17
Q99542	MMP19	Matrix metalloproteinase-19
Q15014	MORF4L2	Mortality factor 4-like protein 2
Q96LB2	MRGPRX1	Mas-related G-protein coupled receptor member X1
K7ES61	MRPL4	
Q9BYD3	MRPL4	39S ribosomal protein L4, mitochondrial
Q9NQ50	MRPL40	39S ribosomal protein L40, mitochondrial
Q8IXM3	MRPL41	39S ribosomal protein L41, mitochondrial
Q9Y6G3	MRPL42	39S ribosomal protein L42, mitochondrial
J3KPP0	MRPL42	
B1AL05	MRPL43	
Q8N983	MRPL43	39S ribosomal protein L43, mitochondrial
Q9H9J2	MRPL44	39S ribosomal protein L44, mitochondrial
Q9BRJ2	MRPL45	39S ribosomal protein L45, mitochondrial
A0A087X2D5	MRPL45	
Q9H2W6	MRPL46	39S ribosomal protein L46, mitochondrial
Q9HD33	MRPL47	39S ribosomal protein L47, mitochondrial
Q96GC5	MRPL48	39S ribosomal protein L48, mitochondrial
Q13405	MRPL49	39S ribosomal protein L49, mitochondrial

Q4U2R6	MRPL51	39S ribosomal protein L51, mitochondrial
Q6P1R3	MSANTD2	Myb/SANT-like DNA-binding domain-containing protein 2
P60660	MYL6	Myosin light polypeptide 6
F8W1R7	MYL6	
B7Z6Z4	MYL6	
P14649	MYL6B	Myosin light chain 6B
O94832	MYO1D	Unconventional myosin-Id
Q8TDC0	MYOZ3	Myozenin-3
P54920	NAPA	Alpha-soluble NSF attachment protein
Q15021	NCAPD2	Condensin complex subunit 1
O75376	NCOR1	Nuclear receptor corepressor 1
Q9UN36	NDRG2	Protein NDRG2
P52848	NDST1	Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 1
E7EVJ3	NDST1	
P56556	NDUFA6	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6
Q8N987	NECAB1	N-terminal EF-hand calcium-binding protein 1
Q13952	NFYC	Nuclear transcription factor Y subunit gamma
Q96IV0	NGLY1	Peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparagine amidase
Q9NZG7	NINJ2	Ninjurin-2
Q6P499	NIPAL3	NIPA-like protein 3
Q0D2K0	NIPAL4	Magnesium transporter NIPA4
P43699	NKX2-1	Homeobox protein Nkx-2.1
O95096	NKX2-2	Homeobox protein Nkx-2.2
Q8TAU0	NKX2-3	Homeobox protein Nkx-2.3
Q9H2Z4	NKX2-4	Homeobox protein Nkx-2.4
P52952	NKX2-5	Homeobox protein Nkx-2.5
O15522	NKX2-8	Homeobox protein Nkx-2.8
P30419	NMT1	Glycylpeptide N-tetradecanoyltransferase 1
Q7Z494	NPHP3	Nephrocystin-3
Q6PHZ7	NR2C2	

P49116	NR2C2	Nuclear receptor subfamily 2 group C member 2
Q86WQ0	NR2C2AP	Nuclear receptor 2C2-associated protein
Q9BXI3	NT5C1A	Cytosolic 5'-nucleotidase 1A
Q96P26	NT5C1B	Cytosolic 5'-nucleotidase 1B
P49902	NT5C2	Cytosolic purine 5'-nucleotidase
Q9H0P0	NT5C3A	Cytosolic 5'-nucleotidase 3A
Q969T7	NT5C3B	7-methylguanosine phosphate-specific 5'-nucleotidase
P21589	NT5E	5'-nucleotidase
P36639	NUDT1	7,8-dihydro-8-oxoguanine triphosphatase
Q9BRQ3	NUDT22	Nucleoside diphosphate-linked moiety X motif 22
Q9BZD4	NUF2	Kinetochore protein Nuf2
P57740	NUP107	Nuclear pore complex protein Nup107
P61970	NUTF2	Nuclear transport factor 2
O43929	ORC4	Origin recognition complex subunit 4
Q7L3T8	PARS2	Probable proline--tRNA ligase, mitochondrial
O00408	PDE2A	cGMP-dependent 3',5'-cyclic phosphodiesterase
Q08499	PDE4D	cAMP-specific 3',5'-cyclic phosphodiesterase 4D
Q8TBR0	PDE4DIP	
E9PL24	PDE4DIP	
Q5TB27	PDE4DIP	
Q5VU43	PDE4DIP	Myomegalin
H7BZJ3	PDIA3	
P30101	PDIA3	Protein disulfide-isomerase A3
Q8N165	PDIK1L	Serine/threonine-protein kinase PDIK1L
Q15118	PDK1	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial
Q7Z412	PEX26	Peroxisome assembly protein 26
Q8IYB4	PEX5L	PEX5-related protein
Q96QT6	PHF12	PHD finger protein 12
Q7Z7B1	PIGW	Phosphatidylinositol-glycan biosynthesis class W protein
P48739	PITPNB	Phosphatidylinositol transfer protein beta isoform

Q9NZM6	PKD2L2	Polycystic kidney disease 2-like 2 protein
Q8N3E9	PLCD3	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3
O60568	PLOD3	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3
Q9NUX5	POT1	Protection of telomeres protein 1
P16298	PPP3CB	Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform
Q7Z3G6	PRICKLE2	Prickle-like protein 2
Q9Y478	PRKAB1	5'-AMP-activated protein kinase subunit beta-1
P54619	PRKAG1	5'-AMP-activated protein kinase subunit gamma-1
O43172	PRPF4	U4/U6 small nuclear ribonucleoprotein Prp4
O75400	PRPF40A	Pre-mRNA-processing factor 40 homolog A
H7C2N3	PRPF40A	
Q6NWX9	PRPF40B	Pre-mRNA-processing factor 40 homolog B
Q13523	PRPF4B	Serine/threonine-protein kinase PRP4 homolog
P41219	PRPH	Peripherin
P23942	PRPH2	Peripherin-2
O60256	PRPSAP2	Phosphoribosyl pyrophosphate synthase-associated protein 2
D3DWI6	PSCA	
A5PKW4	PSD	PH and SEC7 domain-containing protein 1
Q9BQI7	PSD2	PH and SEC7 domain-containing protein 2
Q9NYI0	PSD3	PH and SEC7 domain-containing protein 3
Q8NDX1	PSD4	PH and SEC7 domain-containing protein 4
Q5JNW7	PSMB8	
P28062	PSMB8	Proteasome subunit beta type-8
O75832	PSMD10	26S proteasome non-ATPase regulatory subunit 10
O00231	PSMD11	26S proteasome non-ATPase regulatory subunit 11
O00232	PSMD12	26S proteasome non-ATPase regulatory subunit 12
Q9UNM6	PSMD13	26S proteasome non-ATPase regulatory subunit 13
O00487	PSMD14	26S proteasome non-ATPase regulatory subunit 14
Q9BT73	PSMG3	Proteasome assembly chaperone 3
Q86Y79	PTRH1	Probable peptidyl-tRNA hydrolase

Q7L804	RAB11FIP2	Rab11 family-interacting protein 2
Q9H082	RAB33B	Ras-related protein Rab-33B
Q9H0N0	RAB6C	Ras-related protein Rab-6C
O60895	RAMP2	Receptor activity-modifying protein 2
P10276	RARA	Retinoic acid receptor alpha
Q9UJF2	RASAL2	Ras GTPase-activating protein nGAP
Q96T37	RBM15	Putative RNA-binding protein 15
Q8NDT2	RBM15B	Putative RNA-binding protein 15B
Q9Y5S9	RBM8A	RNA-binding protein 8A
Q6JBY9	RCSD1	CapZ-interacting protein
O60673	REV3L	DNA polymerase zeta catalytic subunit
O75677	RFPL1	Ret finger protein-like 1
Q33E94	RFX4	Transcription factor RFX4
Q8IZJ4	RGL4	Ral-GDS-related protein
E7EPT8	RGL4	
Q9HBH0	RHOF	Rho-related GTP-binding protein RhoF
Q8TAA1	RNASE11	Probable ribonuclease 11
O60930	RNASEH1	Ribonuclease H1
Q5XPI4	RNF123	E3 ubiquitin-protein ligase RNF123
Q8TC41	RNF217	Probable E3 ubiquitin-protein ligase RNF217
Q96EP0	RNF31	E3 ubiquitin-protein ligase RNF31
Q68DV7	RNF43	E3 ubiquitin-protein ligase RNF43
P35244	RPA3	Replication protein A 14 kDa subunit
Q9UNX3	RPL26L1	60S ribosomal protein L26-like 1
Q8TBK5	RPL6	60S ribosomal protein L6
Q02878	RPL6	60S ribosomal protein L6
Q5JR95	RPS8	
Q5JR94	RPS8	40S ribosomal protein S8
P62241	RPS8	40S ribosomal protein S8
Q8WYR4	RSPH1	Radial spoke head 1 homolog

B2RC85	RSPH10B2	Radial spoke head 10 homolog B2
Q9UHP6	RSPH14	Radial spoke head 14 homolog
Q9BVN2	RUSC1	RUN and SH3 domain-containing protein 1
Q66K80	RUSC1-AS1	Putative uncharacterized protein RUSC1-AS1
P23297	S100A1	Protein S100-A1
P60903	S100A10	Protein S100-A10
P31949	S100A11	Protein S100-A11
P80511	S100A12	Protein S100-A12
Q99584	S100A13	Protein S100-A13
Q9HCY8	S100A14	Protein S100-A14
Q96FQ6	S100A16	Protein S100-A16
Q9UPW6	SATB2	DNA-binding protein SATB2
P05408	SCG5	Neuroendocrine protein 7B2
Q6UWF3	SCIMP	SLP adapter and CSK-interacting membrane protein
O95487	SEC24B	Protein transport protein Sec24B
Q9UGP8	SEC63	Translocation protein SEC63 homolog
Q9H2E6	SEMA6A	Semaphorin-6A
Q9H4I8	SERHL2	Serine hydrolase-like protein 2
P58005	SESN3	Sestrin-3
Q8NHU3	SGMS2	Phosphatidylcholine:ceramide cholinephosphotransferase 2
Q9H2X9	SLC12A5	Solute carrier family 12 member 5
P53985	SLC16A1	Monocarboxylate transporter 1
Q8TF71	SLC16A10	Monocarboxylate transporter 10
Q8NCK7	SLC16A11	Monocarboxylate transporter 11
Q7RTY0	SLC16A13	Monocarboxylate transporter 13
Q7RTX9	SLC16A14	Monocarboxylate transporter 14
Q9P2U8	SLC17A6	Vesicular glutamate transporter 2
Q05940	SLC18A2	Synaptic vesicular amine transporter
P43004	SLC1A2	Excitatory amino acid transporter 2
Q08357	SLC20A2	Sodium-dependent phosphate transporter 2

O76082	SLC22A5	Solute carrier family 22 member 5
H7BZF0	SLC22A5	
Q6NUK1	SLC25A24	Calcium-binding mitochondrial carrier protein SCaMC-1
Q96NT5	SLC46A1	Proton-coupled folate transporter
Q9NZC9	SMARCAL1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1
P53814	SMTN	Smoothelin
Q2TAL5	SMTNL2	Smoothelin-like protein 2
Q3KNW1	SNAI3	Zinc finger protein SNAI3
P37840	SNCA	Alpha-synuclein
Q9Y6H5	SNCAIP	Synphilin-1
Q13342	SP140	Nuclear body protein SP140
Q9H930	SP140L	Nuclear body protein SP140-like protein
Q96R06	SPAG5	Sperm-associated antigen 5
P09486	SPARC	SPARC
Q8N4S1	SPARCL1	
Q14515	SPARCL1	SPARC-like protein 1
Q12772	SREBF2	Sterol regulatory element-binding protein 2
I3L182	SRRM2	
Q9UQ35	SRRM2	Serine/arginine repetitive matrix protein 2
Q567R6	SSBP1	Single-stranded DNA-binding protein
Q04837	SSBP1	Single-stranded DNA-binding protein, mitochondrial
P51571	SSR4	Translocon-associated protein subunit delta
P31391	SSTR4	Somatostatin receptor type 4
Q9NRC1	ST7	Suppressor of tumorigenicity 7 protein
Q8TDW4	ST7L	Suppressor of tumorigenicity 7 protein-like
P49675	STAR	Steroidogenic acute regulatory protein, mitochondrial
Q9Y365	STARD10	PCTP-like protein
Q9Y3M8	STARD13	StAR-related lipid transfer protein 13
Q14849	STARD3	StAR-related lipid transfer protein 3
O95772	STARD3NL	MLN64 N-terminal domain homolog

Q9NQZ5	STARD7	StAR-related lipid transfer protein 7, mitochondrial
Q92502	STARD8	StAR-related lipid transfer protein 8
Q9P2P6	STARD9	StAR-related lipid transfer protein 9
Q658P3	STEAP3	Metalloreductase STEAP3
Q9BX79	STRA6	Stimulated by retinoic acid gene 6 protein homolog
D6RF48	STX18	
Q9P2W9	STX18	Syntaxin-18
Q5T5C0	STXBP5	Syntaxin-binding protein 5
Q9Y2K9	STXBP5L	Syntaxin-binding protein 5-like
P63272	SUPT4H1	Transcription elongation factor SPT4
Q7KZ85	SUPT6H	Transcription elongation factor SPT6
Q15527	SURF2	Surfeit locus protein 2
O43463	SUV39H1	Histone-lysine N-methyltransferase SUV39H1
Q9H987	SYNPO2L	Synaptopodin 2-like protein
P08247	SYP	Synaptophysin
Q16563	SYPL1	Synaptophysin-like protein 1
Q5VXT5	SYPL2	Synaptophysin-like protein 2
Q9Y6J9	TAF6L	TAF6-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 6L
Q96QE5	TEFM	Transcription elongation factor, mitochondrial
Q6UWH6	TEX261	Protein TEX261
Q9BT49	THAP7	THAP domain-containing protein 7
Q9H5L6	THAP9	DNA transposase THAP9
P49746	THBS3	Thrombospondin-3
Q9BV44	THUMPD3	THUMP domain-containing protein 3
P31314	TLX1	T-cell leukemia homeobox protein 1
P30408	TM4SF1	Transmembrane 4 L6 family member 1
Q6FGK0	TM4SF13	
Q96CE8	TM4SF18	Transmembrane 4 L6 family member 18
Q96DZ7	TM4SF19	Transmembrane 4 L6 family member 19
Q6UXY8	TMC5	Transmembrane channel-like protein 5

Q15363	TMED2	Transmembrane emp24 domain-containing protein 2
P17152	TMEM11	Transmembrane protein 11, mitochondrial
Q12893	TMEM115	Transmembrane protein 115
Q9NPIO	TMEM138	Transmembrane protein 138
Q9BVK8	TMEM147	Transmembrane protein 147
Q9P2C4	TMEM181	Transmembrane protein 181
Q6ZP80	TMEM182	Transmembrane protein 182
Q8IXX5	TMEM183A	Transmembrane protein 183A
Q6ZMB5	TMEM184A	Transmembrane protein 184A
Q9Y519	TMEM184B	Transmembrane protein 184B
Q9NVA4	TMEM184C	Transmembrane protein 184C
Q8NFB2	TMEM185A	Transmembrane protein 185A
Q9H7F4	TMEM185B	Transmembrane protein 185B
Q96B77	TMEM186	Transmembrane protein 186
A5PLL7	TMEM189	Transmembrane protein 189
Q6QAJ8	TMEM220	Transmembrane protein 220
Q86YD3	TMEM25	Transmembrane protein 25
Q8N6L7	TMEM252	Transmembrane protein 252
POC7T8	TMEM253	Transmembrane protein 253
Q5JRV8	TMEM255A	Transmembrane protein 255A
Q8WV15	TMEM255B	Transmembrane protein 255B
Q8N2U0	TMEM256	Transmembrane protein 256
P61165	TMEM258	Transmembrane protein 258
Q4ZIN3	TMEM259	Membralin
Q3MIR4	TMEM30B	Cell cycle control protein 50B
A6NDV4	TMEM8B	Transmembrane protein 8B
P21580	TNFAIP3	Tumor necrosis factor alpha-induced protein 3
Q92956	TNFRSF14	Tumor necrosis factor receptor superfamily member 14
C9J1X3	TNK2	
Q07912	TNK2	Activated CDC42 kinase 1

O95271	TNKS	Tankyrase-1
E7EQ52	TNKS	Poly [ADP-ribose] polymerase
Q9C0C2	TNKS1BP1	182 kDa tankyrase-1-binding protein
Q9H2K2	TNKS2	Tankyrase-2
Q92973	TNPO1	Transportin-1
Q6ZTW0	TPGS1	Tubulin polyglutamylase complex subunit 1
B7Z722	TPM1	
H0YK48	TPM1	
H7BYY1	TPM1	
P09493	TPM1	Tropomyosin alpha-1 chain
O14773	TPP1	Tripeptidyl-peptidase 1
Q5T0D9	TPRG1L	Tumor protein p63-regulated gene 1-like protein
O43734	TRAF3IP2	Adapter protein CIKS
Q9UKU6	TRHDE	Thyrotropin-releasing hormone-degrading ectoenzyme
Q9HCM9	TRIM39	E3 ubiquitin-protein ligase TRIM39
A6ZJ12	TRIM39R	
Q9C029	TRIM7	Tripartite motif-containing protein 7
Q2Q1W2	TRIM71	E3 ubiquitin-protein ligase TRIM71
Q6ZMU5	TRIM72	Tripartite motif-containing protein 72
Q86UV7	TRIM73	Tripartite motif-containing protein 73
Q86UV6	TRIM74	Tripartite motif-containing protein 74
Q6PF05	TTC23L	Tetratricopeptide repeat protein 23-like
A6NLP5	TTC36	Tetratricopeptide repeat protein 36
Q5SRH9	TTC39A	Tetratricopeptide repeat protein 39A
Q6ZVT0	TLL10	Inactive polyglycylase TLL10
P17480	UBTF	Nucleolar transcription factor 1
Q5T124	UBXN11	UBX domain-containing protein 11
Q9BZV1	UBXN6	UBX domain-containing protein 6
P09936	UCHL1	Ubiquitin carboxyl-terminal hydrolase isozyme L1
Q9BZX2	UCK2	Uridine-cytidine kinase 2

O95185	UNC5C	Netrin receptor UNC5C
Q8IV45	UNC5CL	UNC5C-like protein
Q9UBR1	UPB1	Beta-ureidopropionase
P47985	UQCRFS1	Cytochrome b-c1 complex subunit Rieske, mitochondrial
POC7P4	UQCRFS1P1	Putative cytochrome b-c1 complex subunit Rieske-like protein 1
Q70CQ3	USP30	Ubiquitin carboxyl-terminal hydrolase 30
Q70EL1	USP54	Inactive ubiquitin carboxyl-terminal hydrolase 54
Q92738	USP6NL	USP6 N-terminal-like protein
Q9P2Y5	UVRAG	UV radiation resistance-associated gene protein
E9PR71	UVRAG	
P08670	VIM	Vimentin
Q9BQE4	VIMP	Selenoprotein S
P32241	VIPR1	Vasoactive intestinal polypeptide receptor 1
P98155	VLDLR	Very low-density lipoprotein receptor
P23381	WARS	Tryptophan--tRNA ligase, cytoplasmic
Q9UGM6	WARS2	Tryptophan--tRNA ligase, mitochondrial
Q9BZH6	WDR11	WD repeat-containing protein 11
P19544	WT1	Wilms tumor protein
P18887	XRCC1	DNA repair protein XRCC1
P61236	YPEL3	Protein yippee-like 3
Q96IU2	ZBED3	Zinc finger BED domain-containing protein 3
Q9ULJ3	ZBTB21	Zinc finger and BTB domain-containing protein 21
O75362	ZNF217	Zinc finger protein 217
P17026	ZNF22	Zinc finger protein 22
Q9UK13	ZNF221	Zinc finger protein 221
Q9UK11	ZNF223	Zinc finger protein 223
Q9HCA8	ZNF224	
Q9NZL3	ZNF224	Zinc finger protein 224
Q9UK10	ZNF225	Zinc finger protein 225
Q9NYT6	ZNF226	Zinc finger protein 226

Q86WZ6	ZNF227	Zinc finger protein 227
Q9UNY5	ZNF232	Zinc finger protein 232
Q96KM6	ZNF512B	Zinc finger protein 512B
Q9Y2D9	ZNF652	Zinc finger protein 652
Q8N1G0	ZNF687	Zinc finger protein 687
Q96N20	ZNF75A	Zinc finger protein 75A
Q6ZN11	ZNF793	Zinc finger protein 793
Q9P1U0	ZNRD1	DNA-directed RNA polymerase I subunit RPA12
Q9BUG6	ZSCAN5A	Zinc finger and SCAN domain-containing protein 5A