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# Proteomische studie  regenwurm

# De relevantie van het thema

Een van de belangrijkste functies van eiwitten is de motorische functie. Dit zie je vooral terug in het samentrekken van verschillende spiergroepen en in het vermogen van de meeste cellen om hun vorm aan te passen en te bewegen in hun omgeving. Tot op heden hebben onderzoekers door hun harde werk een hoop kennis vergaard over eiwitten. Dit betreft zowel de eiwitten die een rol spelen bij spiercontractie als de eiwitten die de cellulaire beweging mogelijk maken. Het Project Human Genome heeft aangetoond dat mensen minstens  376 genen bezitten die zorgen voor de motorische functies plus 296 genen die de eiwitten in de spieren opbouwen.(Venter et al. 2001)

De spieren van de regenworm lijken op de dwarsgestreepte spieren van de mens, en veel eiwitten die deze functie vervullen, hebben overeenkomsten met de eiwitten van de mens (Pilato 1981) Het genoom van de regenworm werd in 2023 voor het eerst gepubliceerd, maar tot nu toe is er nog geen onderzoek gedaan naar de groenstructuren die erin zitten (Anon n.d.-b)(GenomeSequenceCommonb).  Het genoom C Eelegans  is goed bestudeerd en vormt een basis voor het onderzoeken van andere soorten nematoden(Leung et al. 2008).

Kennis van proteomica wordt gebruikt in de toxicologie en om de ontwikkeling van ziekten te begrijpen. Er zijn veel ziekten die spierweefsels en organen aantasten, en door proteomische studies kunnen we beter begrijpen hoe deze ziekten zich ontwikkelen.Dit heeft ook betrekking op het onderzoeken van de ontwikkeling van kankeraandoeningen. Bijvoorbeeld, de technologieën van proteomica worden gebruikt om  pathogenese van kwaadaardige tumoren te begrijpen, omdat metastasering samenhangt met problemen in de celbeweging. Hierbij spelen verschillende actine-bindende eiwitten en eiwitten van het cytoskelet en de membranen een cruciale rol.

Voor de systematische bestudering van eiwitten uit de genoemde groepen werken veel onderzoekers aan het ontwikkelen en bijhouden van unieke informatiebronnen. Deze bronnen helpen bij verschillende biomedische studies. Een voorbeeld hiervan is de site https://wormbase.org

# Doelstelling

Het  doel van deze studie was om een vergelijkende proteomische analyse uit te voeren van bepaalde  eiwitten van *Lumbricus Terrestris* en *Lumbicus Rubellus*, die een rol spelen in de motorische functies. In overeenstemming met het onderzoeksdoel werden de volgende taken aangepakt: 1. Het uitvoeren van een proteomische analyse van de eiwitten van *Lumbricus Terrestris* en *Lumbicus Rubellus*   en de resultaten gebruiken om een relevante bio-informatica bron te creëren, vormgegeven als een database met genen coderend voor eiwitten die betrokken zijn bij het cytoskelet en celadhesie.

# Wetenschappelijke nieuwheid van het werk

In het huidige werk werd voor het eerst het proteoom van de regenworm gekarakteriseerd. Genen die geassocieerd zijn met motorische functies van de regenworm gevonden en beschreven.

# Inzicht in eiwitten die verantwoordelijk zijn voor beweging

De functie van beweging wordt zichtbaar door de samentrekkingen van verschillende spieren en de vaardigheden van cellen om zich aan te passen aan veranderingen in hun vorm en beweging in de omgevingen waarin ze zich bevinden(Schiaffino and Reggiani 2011).

Dankzij de inspanningen van  Life Science's  hebben we nu veel informatie over eiwitten die betrokken zijn bij het samentrekken van spieren. Veel van deze gegevens zijn beschikbaar in de databases UniProt en Protein NCBI.

# De belangrijkste eiwitten die betrokken zijn bij spiercontractie.

De centrale rol bij spiercontractie ligt bij het actine-myosine complex, dat bestaat uit twee belangrijke soorten eiwitten: myosine en actine.

De gebruikelijke myosinen in skeletspieren vormen hetero-oligomeren, die bestaan uit twee zware myosineketens en twee lichte myosineketens. Myosine-eiwitten is een familie van contractiele systeem eiwitten die ATP-energie kunnen omzetten in mechanische arbeid. (Berg, Powell, and Cheney 2001)

De belangrijkste functionele eigenschappen van myosine-eiwitten, zoals de ATPase-activiteit en de mogelijkheid om met actine te interageren, worden bepaald door de kopdomeinen. Deze gebieden zijn het meest conservatieve deel van de myosine-moleculen. (Berg et al. 2001)

In C. elegans zijn er twee myosinegene hum-1 en hum-5

geïdentificeerd(Johnson, Behbehani, and Buss 2022).  Myosine Proteïne of C. elegans is een homologe van menselijke myosine en heeft ongeveer 50% overeenkomst in de sequentie(Johnson et al. 2022).

Een andere belangrijke eiwit dat betrokken is bij spiercontractie, is actine, en dit is een globulair eiwit. Dit eiwit heeft de mogelijkheid om actief te interageren met andere eiwitten en diverse liganden, omdat het vier subdomeinen bevat. Het skeletspier-eiwit a-actine bij mensen wordt gecodeerd door het ASTA1-gen. Actin is een structureel onderdeel van het cytoskelet.

AСТА1 (human)  tot expressie gebracht in myocard; sarcomeren en celkernen.

Act-1 (nematode)  tot expressie gebracht in  in pharyngeal muscle

De eigenschappen van actine zijn dat het kan polymeriseren, wat betekent dat het in staat is om draadachtige oligomere structuren te vormen. Deze polymerisatie van de eiwitten zorgt voor de creatie van actine microfilamenten. (dos Remedios et al. 2003)

Mutaties in het actine-eiwit leiden tot de pathologie van aorta-aneurysma's, enz.

Behalve myosine en atine zijn tropomyosines belangrijke eiwitten inde skelespieren, die tot wel 3% van het totale eiwit uitmaken. (Perry 2001)

Tropomosinen zijn betrokken bij  regulering van actinepolymerisatie of -deolymerisatie en zijn gevonden naast human genoom in het genoom van nematoden. Mutaties in het menselijke tropomyosine gen leiden tot hartaandoeningen.

Naast de tropomyosine, is een speciale eiwitten, troponines, die betrokken zijn bij de regulatie van Ca- en ATP-afhankelijke actomyosine contracties (Schiaffino and Reggiani 1996).

In het menselijk genoom zijn er drie genen die op verschillende chromosomen liggen en die de isoformen van troponines coderen.

Troponines worden gevonden in nematoden en komen tot expressie in de spieren van de lichaamswand (<https://www.ncbi.nlm.nih.gov/gene/181124>).

Naast de eerder genoemde eiwitten zijn er momenteel nog honderden andere eiwitten bekend die kunnen interageren met myosinen, actinen en tropomyosinen, waardoor ze invloed hebben op de spiercontractieprocessen. De kenmerken van deze eiwitten worden behandeld in het overzicht van S. Schiaffino en C. Reggiani (Schiaffino and Reggiani 1996).

# De belangrijkste eiwitten die zorgen voor de beweging van cellen

De elementen van cellulaire beweging zijn de herstructurering van het cytoskelet en de interactie van cellen met de extracellulaire matrix.

De migratie van verschillende celtypen heeft specifieke kenmerken die te maken hebben met de cel differentiatie.De veranderingen in hoe cellen zich bewegen zijn van groot belang voor de fysiologische en pathologische situaties in het menselijk lichaam. Dit onderwerp heeft dus ook biomedische  betekenis. Stoornissen in de beweging van cellen en de permeabiliteit van bloedvaten zijn van invloed op het ontstaan van atherosclerose.

Kwaadaardige tumoren hebben als   eigenschappen dat ze invasief zijn en kunnen metastaseren. Dit proces van metastasering is gebaseerd op bijzondere afwijkingen in de beweging van cellen, waarbij actine-bindende eiwitten betrokken zijn(Fackler and Grosse 2008)

Een van de belangrijke processen die ervoor zorgen dat spiercellen kunnen bewegen, is de vorming van verschillende structuren op het oppervlak van de celmembranen(Fackler and Grosse 2008).

De basisstructuur voor al deze elementen is F-actine en de verschillende eiwitten die ermee geassocieerd zijn.

Actine-bevattende uitsteeksels in het cytoplasma ontstaan aan de voorkant van een uitgestrekte en bewegende cel.(Le Clainche and Carlier 2008)

Er is aangetoond dat de verschillende vormen van myosine en actine, samen met een aantal eiwitten in het menselijk lichaam die zich kunnen hechten aan myosine en/of actine, een rol spelen in de cellulaire structuren die de beweging van cellen mogelijk maken.

# De belangrijkste eiwitten die verantwoordelijk zijn voor het reguleren van beweging.

Spierweefsel heeft de eigenschap van prikkelbaarheid. Dit betekent dat het in staat is om te reageren op verschillende prikkels door veranderingen in zijn fysiologische eigenschappen en het opwekken van een excitatieproces.

Prikkels die opwinding veroorzaken, komen voort uit verschillende externe en interne invloeden. Externe prikkels omvatten fysieke, chemische en biologische factoren. Fysieke prikkels zijn onder andere mechanische, elektrische,chemihsce. Chemische prikkels zijn stoffen die het lichaam binnenkomen, zoals voedingsmiddelen, zuren, basen en andere irriterende vloeistoffen, evenals gifstoffen en medicijnen. Biologische prikkels zijn virussen, micro-organismen, insecten en andere levende organismen.

Wanneer de receptoren geprikkeld worden, ontstaat er een opwinding die zich omzet in een zenuwimpuls. Deze impulsen bewegen zich door de zenuwvezels naar het zenuwstelsel en stimuleren de cellen. Daarna worden de impulsen van de zenuwcellen naar de spieren gestuurd, wat hen ook activeert. Op de membranen van spier- en zenuwweefsel verandert de elektrische lading als reactie op prikkeling, wat leidt tot de generatie van biopotentialen.

De celmembraan, die bestaat uit een lipide dubbellaag, is ondoordringbaar voor ionen. Ionen kunnen alleen door speciale ionkanalen de membraan passeren. Actieve verplaatsing van stoffen door de membraan gebeurt ook via specifieke eiwitcomplexen, de ionenpompen, die ionen tegen de chemische en elektrische gradiënten in pompen. Deze ionenpompen functioneren tegelijkertijd als enzymen, namelijk ATP-ases, omdat er energie nodig is voor deze beweging. In de meeste gevallen worden biopotentialen bepaald door de eenvoudige diffusie van ionen, wat betekent dat het passief transport is, aangedreven door het concentratiegradiënt.

Het sarcoplasmatisch reticulum is een belangrijk onderdeel van spiervezels en werkt samen met de l tubuli om prikkels door te geven. De membraan van de spiervezel, ook wel de plasmalemma genoemd, vormt regelmatige T-vormige uitstulpingen. Binnenin de spiervezels bevinden zich systemen van lange buisjes van het sarcoplasmatisch reticulum. In de blaasjes van de cisternen wordt intracellulair Ca²⁺ opgeslagen. Als de Ca²⁺-ionen niet in speciale opslagplaatsen waren, zouden de spiervezels die rijk zijn aan Ca²⁺ voortdurend samentrekken.

De overdracht van het signaal voor samentrekking van de opgewonden celmembraan naar de myofibrillen in de diepte van de cel bestaat uit verschillende opeenvolgende processen, waarbij calciumionen (Ca²⁺) een belangrijke rol spelen.

Onder invloed van Ca 2+ zakken de tropomyosinemoleculen dieper in de groeven tussen de actinemonomeren, waardoor de plekken voor de kruisbruggen van myosine worden geopend. Dit zorgt ervoor dat de myosinebruggen zich hechten aan de actinefilamenten, ATP wordt afgebroken en er spierkracht ontstaat.

(Cho et al. 2017)

De groep van sarcoplasmatische eiwitten omvat de hemoglobine-bevattende eiwitten van membranen, evenals enzymen die betrokken zijn bij metabolische processen. Sarcoplasmatische eiwitten zijn onder andere myoglobine, mioalbumine en globuline. De belangrijkste functie van myoglobine is het transporteren van zuurstof vanuit hemoglobine naar de spieren.

Gem eiwitten zijn een groep eiwitten en enzymen. Deze eiwitten hebben verschillende functies en werkingsmechanismen. Sommige kunnen zuurstof reversibel binden en transporteren het naar verschillende organen en weefsels van het lichaam (hemoglobine, myoglobine), terwijl andere zuurstof als substraat gebruiken. Deze laatste katalyseren de oxidatie of reoxidatie van verschillende verbindingen met zuurstof (cytochroom P450 en peroxidases), nemen deel aan elektronenoverdrachtsprocessen (cytochromen b en c), katalyseren de afbraak van hydroperoxiden (katalase) en reduceren zuurstof tot water (cytochroomoxidase).

Daarnaast bevat de sarcoplasma ook antioxidanten, zoals superoxide dismutase, en andere functioneel actieve verbindingen. Ook zijn er functionele eiwitten van het sarcoplasmatisch reticulum, zoals calmoduline.

Calmoduline komt voor bij mensen (CALM1) en bij de regenworm en speelt een rol in de regulatie van het elektrische potentieel van de plasmamembraan door intracellulair calcium. Het calmoduline-gen is gevonden op de eerste chromosoom van *Lumbricus Terrestris* en *Lumbricus Rubellus*.

# Vergelijkende analyse van de proteomen van Lumbricus terrestris en Lumbricus rubellus.

De lijst met 600 eiwitten die een rol spelen in de motorische functie is verzameld uit het project. Het Human Skeletal Muscle Proteome Project (Gonzalez‐Freire et al. 2017), <https://pmc.ncbi.nlm.nih.gov/articles/PMC5326819/#_ad93>.

Uit de UniProt-database zijn de Fasta-sequenties voor deze eiwitten verkregen, zie de bijlage.

Er is een Alignment gemaakt voor chromosoom 1,2,3,4 van *Lumbricus rubellus* en *Lumbricus terrestris* van de voorgestelde lijst met eiwitten. Hieruit bleek dat de eiwitten uit de voorgestelde lijst aanwezig zijn in het genoom van zowel Lumbricus rubellus als Lumbricus terrestris.

Voor de visualisatie wordt er verwezen naar een webapp waar je eenvoudig de begincoördinaten kunt invoeren.

# Gene Database

**Uitlijningsresultaten voor het eerste chromosoom :**

1. **HOX14**

Hox-eiwitten spelen een belangrijke rol in de ontwikkeling van neuronen, zoals het vormen van synapsen, het tot expressie brengen van ionkanalen, en het reguleren van receptoren voor neurotransmitters en neuropeptiden.

Lumbricus Terrestis:

protein seq:

HFNKYLTRRRRIEISHQLCLTERQV

Protein Id:

Q8MWT4

gen\_strand="-"

Structure:

exon1 start="4635397" stop="4635323" length=75

Lumbricus rubellus:

protein seq:

HFNKYLTRRRRIEISHQLCLTERQV

gen\_strand="-"

Structure:

Exon1 start=1756171 stop=1756097 length=75

HOX14 is niet gevonden in genome *C Elegans*

1. **Superoxide dismutase**

Dit eiwit komt tot expressie in dierenspieren en heeft een antioxidantfunctie

(Hollander et al. 1999), (Gore et al. 1998)

Lumbricus Terrestis:

protein seq: MPLVAVSVLRGDGATTGTVRFSQKNPDGPVVVKGEISGLTPGKHGFHVHEFGDNTNGCTSAGAHFNPFGKTHGAPEDQERHVGDLGNVIADESGVAKFEVTDKLLNLTGPNSIIGRTVVVHELVDDLGKGGHEFSKTTGNAGGRLACGVIGICKP

Protein Id: G3LY18

gen\_strand="-"

Structure:

Exon1 : start 23688585 end 23688514 length 72

Intron1 : start 23688513 end 23686868 length 1646

Exon2 : start 23686867 end 23686771 length 97

Intron2 : start 23686770 end 23686273 length 498

Exon3: start 23686272 end 23686203 length 70

Intron3: start 23686202 end 23685189 length 1041

Exon4 : start 23685188 end 23685071 length 118

Intron4: start 23685070 end 23684245 length 826

Exon5: start 23684244 end 23684137 length 108

Lumbricus rubellus:

protein seq: MPLVAVSVLRGDGATTGTVRFSQKNPDGPVVVKGEISGLTPGKHGFHVHEFGDNTNGCTSAGAHFNPFGKTHGAPEDQERHVGDLGNVIADESGVAKFEVTDKLLNLTGPNSIIGRTVVVHELVDDLGKGGHEFSKTTGNAGGRLACGVIGICKP

gen\_strand="-"

Structure:

exon e\_start="14520645" e\_stop="14520574"

exon e\_start="14519305" e\_stop="14519209"

exon e\_start="14518767" e\_stop="14518698"

exon e\_start="14517588" e\_stop="14517471"

exon e\_start="14516834" e\_stop="14516727"

Dit eiwit wordt ook gevonden in C Elegans. https://www.ncbi.nlm.nih.gov/gene/174141

in *C elegans* dit eiwit is betrokken bij de cellulaire respons op stimulus en stress

(PubChem n.d.) Dit eiwit komt qua grootte en structuur overeen in het genoom van *Lumbricus Terrestris* en *Lumbricus Rubellus*, en bevindt zich op het eerste chromosoom.

Het gen voor dit eiwit komt ook tot expressie in de spieren van andere dieren en gaat oxidatieve stress tegen

(Hollander et al. 2000), (Okutsu et al. 2014).

**Calmodulin**

Calmoduline is een calciumbindend eiwit dat in alle eukaryote cellen voorkomt. Het speelt een rol bij de samentrekking van gladde spieren.

Lumbricus Terrestis:

Protein Id: Q9GRJ1

gen\_strand="+"

protein seq;

MADQLTEEQIAEFKEAFSLFDKDGDGTITTKELGTVMRSLGQNPTEAELQDMINEVDADGNGTIDFPEFLTMMARKMKDTDSEEEIREAFRVFDKDGNGFISAAELRHVMTNLGEKLTDEEVDEMIREADIDGDGQVNYEEFVTMMMSK

Structuur:

exon e\_start="37878320" e\_stop="37878496"

exon e\_start="37880237" e\_stop="37880479"

exon e\_start="37880647" e\_stop="37880676"

Lumbricus rubellus:

Protein Id: Q9GRJ1

gen\_strand="+"

protein seq:

MADQLTEEQIAEFKEAFSLFDKDGDGTITTKELGTVMRSLGQNPTEAELQDMINEVDADGNGTIDFPEFLTMMARKMKDTDSEEEIREAFRVFDKDGNGFISAAELRHVMTNLGEKLTDEEVDEMIREADIDGDGQVNYEEFVTMMMSK

Structuur:

exon e\_start="24371808" e\_stop="24371983"

exon e\_start="24373462" e\_stop="24373708"

exon e\_start="24373886" e\_stop="24373907"

Dit eiwit komt voor in het genoom van C elegans en heeft 99% overeenkomst met het regenwurm eiwit.

>sp|O16305|CALM\_CAEEL Calmodulin OS=Caenorhabditis elegans OX=6239 GN=cmd-1 PE=1 SV=3

MADQLTEEQIAEFKEAFSLFDKDGDGTITTKELGTVMRSLGQNPTEAELQDMINEVDADG

NGTIDFPEFLTMMARKMKDTDSEEEIREAFRVFDKDGNGFISAAELRHVMTNLGEKLTDE

EVDEMIREADIDGDGQVNYEEFVTMMTTK

Het cmd-1-gen van *C Elegans* heeft 4 exonen:

A screenshot of a computer

Description automatically generated

C Elegans. Calmodulin. https://www.ncbi.nlm.nih.gov/gene/178614

Dit eiwit komt qua grootte en structuur overeen in het genoom van *Lumbricus Terrestris* en *Lumbricus Rubellus*, en bevindt zich op het eerste chromosoom.

Deze eiwitten zijn betrokken bij de regulering van de elektrische potentiaal van het plasmamembraan door intracellulair calcium.(Allman et al. 2013).

\*Verder voor de visualisatie wordt er verwezen naar een webapp waar je de coördinaten kunt invoeren.

**3.Actin-1**

Actine is betrokken bij veel essentiële processen in cellen, waaronder het samentrekken van spieren, de beweging van cellen, celdeling en cytokinese, het transport van blaasjes en organellen, het doorgeven van signalen binnen de cel, en het creëren en handhaven van verbindingen tussen cellen en hun vorm.

Lumbricus Terrestis:

Protein Id: P92182

gen\_strand="+"

protein seq : MCDEEVTALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNSPAMYVAIQAVLSLYASGRTTGIVLDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFDQEMGTAASSSSLEKSYELPDGQVITIGNERFRCPESMFQPAFLGMESAGIHETTFNSIMKCDVDIRKDLYANTVMSGGTTMFPGIADRMQKEITSMAPSTMKIKIIAPPERKYSVWIGGSILASLSTFQQMWISKQEYDESGPSIVHRKCF

structure:

exon e\_start="44647522" e\_stop="44647647"

exon e\_start="44648902" e\_stop="44649903"

Lumbricus rubellus:

Protein Id: P92182

gen\_strand="+"

gene start=44647522 gene stop=44647647 length=126

protein seq : MCDEEVTALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNSPAMYVAIQAVLSLYASGRTTGIVLDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFDQEMGTAASSSSLEKSYELPDGQVITIGNERFRCPESMFQPAFLGMESAGIHETTFNSIMKCDVDIRKDLYANTVMSGGTTMFPGIADRMQKEITSMAPSTMKIKIIAPPERKYSVWIGGSILASLSTFQQMWISKQEYDESGPSIVHRKCF

**Actin-2**

Lumbricus Terrestis:

Protein Id : P92176

Protein seq:

MAEEDVAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNSPAMYVAIQAVLSLYASGRTTGIVLDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFEQEMNTASASSSLEKSYELPDGQVITIGNERFRCPEAMFHASFLGMESVGIHETTYNSIMKCDVDIRKDLYANTVLSGGTTMFPGIADRMQKEITALAPPTMKIKIIAPPERKYSVWIGGSILASLSTFQQMWISKQEYDESGPSIVHRKCF

Structure:

exon e\_start="44647522" e\_stop="44647647"

exon e\_start="44648902" e\_stop="44649903"

Actine is een bestanddeel van spiervezels, waar het samenwerkt met myosine om spiersamentrekkingen te produceren. Actine is aanwezig in mensen en nematoden. Actine in C elegans heeft 3 exonen en 376 aa. ( https://www.ncbi.nlm.nih.gov/gene/179534)

Actine in terrestris/rubellus heeft 380 aa, 2 exonen, en heeft

95,74% identiteit met het Actine-eiwit van Elegans.

1. **Beta-actin**

Bèta-actine is belangrijk voor de beweging van cellen. Dit eiwit in het cytoskelet helpt om de vorm van cellen te behouden, en speelt een rol bij hun migratie en groei.

Lumbricus Terrestis:

Protein Id: E9KJS6

gen\_strand="+"

gene start=44649061 gene stop=44649654 length=594

protein seq : RVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNSPAMYVAIQAVLSLYASGRTTGIVLDSGDGVTHTVPIYEGYALPHAILRLDLAGRGLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFEQEMNTASASSSLEKSYELPDGQVITIGNERFRCPEAMFQPSFLGMESVGIHETTYNSIMKCDVDIRKD

Lumbricus rubellus:

Protein Id: E9KJS6

gen\_strand="+"

gene start=29837546 gene stop=29838139 length=594

protein seq : RVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNSPAMYVAIQAVLSLYASGRTTGIVLDSGDGVTHTVPIYEGYALPHAILRLDLAGRGLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFEQEMNTASASSSLEKSYELPDGQVITIGNERFRCPEAMFQPSFLGMESVGIHETTYNSIMKCDVDIRKD

1. **serotonin transporter protein**

Serotonine is een chemische stof die helpt bij het doorgeven van signalen tussen zenuwcellen. Het speelt ook een rol in het regelen van de beweging van gladde spiervezels.

Lumbricus Terrestis:

Protein Id: Q0G8J7

gen\_strand="-"

protein seq :

RFPYICYRNGGGAFLIPYVVMLIFGGLPLFYMELALGQYQKCGCISVWKRICPMFKGIGFGICFIASYVAMYYNTIIAWSVYFLFASFTSPPDVPWASCGNWWNTPNCSTMEIYGSNASVTNLTRSSSAAQEFFVRNVLEVYKSAGIDDVGTVKWSIALCLMAVFLMVYFSLWKGIKSSG

Structure:

exon e\_start="55529958" e\_stop="55529789"

exon e\_start="55503482" e\_stop="55503248"

exon e\_start="55501808" e\_stop="55501673"

Lumbricus rubellus:

Protein Id: Q0G8J7

gen\_strand="-"

protein seq :

FPYICYRNGGGAFLIPYVVMLIFGGLPLFYMELALGQYQKCGCISVWKRICPMFKGIGFGICFIASYVAMYYNTIIAWSVYFLFASFTSPPDVPWASCGNWWNTPNCSTMEIYGSNASVTNLTRSSSAAQEFFVRNVLEVYKSAGIDDVGTVKWSIALCLMAVFLMVYFSLWKGIKSSG

Structure:

exon e\_start="38516894" e\_stop="38516729"

exon e\_start="38505551" e\_stop="38505317"

exon e\_start="38504643" e\_stop="38504508"

Serotonine is betrokken bij de regulatie van cel-cel contacten en adhesiegerelateerde processen.(John Jayakumar and Panicker 2021)

Serotonine is ook betrokken bij de hechting, beweging en groei van vasculaire gladde spiercellen, en ze spelen een rol in de ontwikkeling van atherosclerose. (John Jayakumar and Panicker 2021)

1. **peroxidasin**

Vereist voor bepaalde stadia van embryonale morfogenese en spieraanhechting aan de epidermis, en postembryonaal voor integriteit van het basale membraan (Gotenstein et al. 2010)

Lumbricus Terrestis:

Protein Id: V9GWR0

gen\_strand="-"

protein seq : MFLQLDHVPQVPEGTTDLDLRFNRILEIPPGTFRNLRNLNTLLLNNNQLTKLENGAFEGLSKLRYLYLYKNQISEIESQVFHGLGDLEQLYVHFNELEILQPGTFNGLPLLERLFLHNNRLKRLPQGIFSNLKALRRLRLDSNALVCDCEMLWLMDMLKDGHMQAAVTCDSPDEAAGKSLLSITDTIRCKKPEMISKPDDVEVAFGSTAYFACKAEGDPQPEIHWFRNSEEIRTNQLKDRGRYSILDDGTLMIENTQDSDKGVYECVARNQMGEAKARPVELRYLNDAQQTRPRIYARPQDLRLPEGEPATFECHATGHPRPFFTWLKNDLSLPQDPRLRIEVNGSLVITGLRLNDQGVYRCTAANSAGSVSETARLEVYAAPHFTKRPQDQRIVEGHSVFFSCDVTGEPLPRIHWNKDGIQVTDNSRVSINPSGTTLTIGAVRSGDGGLYECVAESLGGRRSASARLTVDTSVSPLIIRSPDNVQAPIGSRVQFDCQVTGNPRPTVKWQRDSIPIPLTTSHKHQVTPESSLVIQDVNRNDVGTYECIAENFAGTAHADAFLEVVDTRFVTFTPQHINRTVAETIRRVNAAINNTQRDFRDLHSRPRTAQDLQRLLRYPPSSALSISRAAEVFEQTLERLFAEVNAGATYNITHPKDLSYEELLTPTQLALVSSLSGCREHRRVAKCEDMCFHHKYRTLDGTCNNLRNPMMGSSLSTLLRLKPPRYENSFNLPVAWNPQKLYNGHRMPSARTVSLRFISTPTVTPDDQYTHMLMQWGQFIDHDLDFVPTAVSHARFSDGRFCNETCNSQSPCFPIPVAEDDPRVRRHRCIGFVRSSAMCGSGVTSVFFEDVIQREQLNLLTSYIDASMVYSFSDEDGRNLRDFSSNRGLLRAGIVMPSGKPLLPPNRGEFVDCMVDPSTAHVPCFQAGDHRTNEQLGLLSMHTLWFREHNRIASELLHINPHWDGDILYHEARKVVGAMMQHITFEHWLPKILGPVGMQLLGTYKGYDPMVDTRISNEFATAAFRFGHTLINPVLSRLNESFRPIAQGNLPLHKAFFAPFRIIEEGGIDPLLRGLFGVAAKRPRPGEFLNSELTERLFNLANEVAQDLAAFNLQRGRDHGIQSYNEYRRHCGLRPAATFDDFRTEIRSADVRRRLQEVYGHPNNVELFAGGIAEDVVDGGRIGPTFVCIIADQFKRLRDGDRFWYENPGVFTPAQLTELRHASLGRVICDSSDNIQEVQRDVFQLVSYPSGYLRCDSDKILHIDFKVWAQCCQDCSRSGDFRSITHHFRSRRSTDFTNAGEPDAANTNVTEETHRGGGGRAAEAENSVVPKDMVDQMTHMSQKMMDGVDQRIEGMEDMMKELQETVHKLTEKIRSLEKSVGNKKTTARKPKPPACFDEKGRAKQHGEKWHESDCRLCECKKNELECTEETCQVPSCARPVKVQGQCCPVCP

Structure:

exon e\_start="57431403" e\_stop="57431473"

exon e\_start="57435004" e\_stop="57435075"

exon e\_start="57440690" e\_stop="57440761"

exon e\_start="57441466" e\_stop="57441537"

exon e\_start="57441978" e\_stop="57442049"

exon e\_start="57445543" e\_stop="57445697"

exon e\_start="57448377" e\_stop="57448494"

exon e\_start="57448968" e\_stop="57449152"

exon e\_start="57450198" e\_stop="57450467"

exon e\_start="57450782" e\_stop="57450898"

exon e\_start="57451643" e\_stop="57451804"

exon e\_start="57452188" e\_stop="57452463"

exon e\_start="57452994" e\_stop="57453266"

exon e\_start="57454110" e\_stop="57454343"

exon e\_start="57455056" e\_stop="57455594"

exon e\_start="57456172" e\_stop="57456445"

exon e\_start="57457574" e\_stop="57458044"

exon e\_start="57458498" e\_stop="57458615

exon e\_start="57459718" e\_stop="57459932

exon e\_start="57468146" e\_stop="57468438

exon e\_start="57469067" e\_stop="57469210

exon e\_start="57470433" e\_stop="57470525

Lumbricus rubellus:

Protein Id: V9GWR0

gen\_strand="-"

prot seq:

MFLQLDHVPQVPEGTTDLDLRFNRILEIPPGTFRNLRNLNTLLLNNNQLTKLENGAFEGLSKLRYLYLYKNQISEIESQVFHGLGDLEQLYVHFNELEILQPGTFNGLPLLERLFLHNNRLKRLPQGIFSNLKALRRLRLDSNALVCDCEMLWLMDMLKDGHMQAAVTCDSPDEAAGKSLLSITDTIRCKKPEMISKPDDVEVAFGSTAYFACKAEGDPQPEIHWFRNSEEIRTNQLKDRGRYSILDDGTLMIENTQDSDKGVYECVARNQMGEAKARPVELRYLNDAQQTRPRIYARPQDLRLPEGEPATFECHATGHPRPFFTWLKNDLSLPQDPRLRIEVNGSLVITGLRLNDQGVYRCTAANSAGSVSETARLEVYAAPHFTKRPQDQRIVEGHSVFFSCDVTGEPLPRIHWNKDGIQVTDNSRVSINPSGTTLTIGAVRSGDGGLYECVAESLGGRRSASARLTVDTSVSPLIIRSPDNVQAPIGSRVQFDCQVTGNPRPTVKWQRDSIPIPLTTSHKHQVTPESSLVIQDVNRNDVGTYECIAENFAGTAHADAFLEVVDTRFVTFTPQHINRTVAETIRRVNAAINNTQRDFRDLHSRPRTAQDLQRLLRYPPSSALSISRAAEVFEQTLERLFAEVNAGATYNITHPKDLSYEELLTPTQLALVSSLSGCREHRRVAKCEDMCFHHKYRTLDGTCNNLRNPMMGSSLSTLLRLKPPRYENSFNLPVAWNPQKLYNGHRMPSARTVSLRFISTPTVTPDDQYTHMLMQWGQFIDHDLDFVPTAVSHARFSDGRFCNETCNSQSPCFPIPVAEDDPRVRRHRCIGFVRSSAMCGSGVTSVFFEDVIQREQLNLLTSYIDASMVYSFSDEDGRNLRDFSSNRGLLRAGIVMPSGKPLLPPNRGEFVDCMVDPSTAHVPCFQAGDHRTNEQLGLLSMHTLWFREHNRIASELLHINPHWDGDILYHEARKVVGAMMQHITFEHWLPKILGPVGMQLLGTYKGYDPMVDTRISNEFATAAFRFGHTLINPVLSRLNESFRPIAQGNLPLHKAFFAPFRIIEEGGIDPLLRGLFGVAAKRPRPGEFLNSELTERLFNLANEVAQDLAAFNLQRGRDHGIQSYNEYRRHCGLRPAATFDDFRTEIRSADVRRRLQEVYGHPNNVELFAGGIAEDVVDGGRIGPTFVCIIADQFKRLRDGDRFWYENPGVFTPAQLTELRHASLGRVICDSSDNIQEVQRDVFQLVSYPSGYLRCDSDKILHIDFKVWAQCCQDCSRSGDFRSITHHFRSRRSTDFTNAGEPDAANTNVTEETHRGGGGRAAEAENSVVPKDMVDQMTHMSQKMMDGVDQRIEGMEDMMKELQETVHKLTEKIRSLEKSVGNKKTTARKPKPPACFDEKGRAKQHGEKWHESDCRLCECKKNELECTEETCQVPSCARPVKVQGQCCPVCP

Structure:

exon e\_start="39887783" e\_stop="39887829

exon e\_start="39887899" e\_stop="39887970

exon e\_start="39890510" e\_stop="39890581"

exon e\_start="39895449" e\_stop="39895520"

exon e\_start="39896213" e\_stop="39896284"

exon e\_start="39896879" e\_stop="39896950"

exon e\_start="39899263" e\_stop="39899417

exon e\_start="39900963" e\_stop="39901080

exon e\_start="39901688" e\_stop="39901872

exon e\_start="39902583" e\_stop="39902852

exon e\_start="39903239" e\_stop="39903355

exon e\_start="39904067" e\_stop="39904228

exon e\_start="39904906" e\_stop="39905181

exon e\_start="39905773" e\_stop="39906045

exon e\_start="39907530" e\_stop="39907763

exon e\_start="39908562" e\_stop="39909100

exon e\_start="39909674" e\_stop="39909947

exon e\_start="39910784" e\_stop="39911254

exon e\_start="39911674" e\_stop="39911791

exon e\_start="39912209" e\_stop="39912423

exon e\_start="39912797" e\_stop="39913089

exon e\_start="39913652" e\_stop="39913795

exon e\_start="39914419" e\_stop="39914511

Peroxidasine speelt een rol bij de vorming van basale membranen. Het enzym peroxidasine (PXDN) helpt bij het verbinden van collageen door het creëren van sulfideverbindingen. Deze verbinding van collageen is een belangrijke functie van PXDN in zoogdieren. Daarom is dit eiwit betrokken bij de opbouw van cellulaire structuren. (Lázár et al. 2015)

Menselijk peroxdasine PXDN heeft 25 exonen, protein = 1296 aa (

<https://www.ncbi.nlm.nih.gov/gene/7837>)

*C Elegans* peroxidosine heeft 22 exonen en 1.285 aa.

Er is een blast-analyse uitgevoerd van de regenworm en C. elegans, met een identiteitspercentage van 41,90%.

1. **14-3-3 eiwit**

Betrokken bij de aanhechting van actinefilamenten aan het celmembraan en de vorming van intercellulaire contacten. 14-3-3 interageert met eiwitten die betrokken zijn bij celaanhechting aan de intercellulaire matrix en bij intercellulaire interacties, zoals integrines.

14-3-3 eiwitten hebben het vermogen om veel functioneel verschillende signaleringseiwitten te binden, waaronder kinasen, fosfatasen en transmembraanreceptoren.

Lumbricus Terrestis:

Protein Id: F1SDR7

Protein seq:

MGMTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNATQPESKVFYLKMKGDYFRYLSEVASGDNKQTTVSNSQQAYQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQGDEGDTGEGEN

Lumbricus rubellus:

Protein Id: F1SDR7

gen\_strand="-"

protein seq : MGMTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNATQPESKVFYLKMKGDYFRYLSEVASGDNKQTTVSNSQQAYQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQGDEGDTGEGEN

1. **Tyrosine 3-monooxygenase**

Dit enzym behoort tot de familie van transferasen, met name die welke een fosfaatgroep overbrengen naar het zuurstofatoom van de zijketen van serine- of threonineresten in eiwitten proteïne-serine, threoninekinasen.(Anon n.d.-a)

Lumbricus Terrestis:

Protein Id: F1SA98

Protein seq: MEKTELIQKAKLAELSNEERNLLSVAYKNVVGGRRSAWRVISSIEQKTDTSDKKLQLIKDYREKVESELRSICTTVLELLDKYLIANATNPESKVFYLKMKGDYFRYLAEVACGDDRKQTIDNSQGAYQEAFDISKKEMQPTHPIRLGLALNFSVFYYEILNNPELACTLAKTAFDEAIAELDTLNEDSYKDSTLIMQLLRDNLTLWTSDSAGEECDAAEGAEN

Lumbricus rubellus:

Protein Id: F1SA98

Protein seq: MEKTELIQKAKLAELSNEERNLLSVAYKNVVGGRRSAWRVISSIEQKTDTSDKKLQLIKDYREKVESELRSICTTVLELLDKYLIANATNPESKVFYLKMKGDYFRYLAEVACGDDRKQTIDNSQGAYQEAFDISKKEMQPTHPIRLGLALNFSVFYYEILNNPELACTLAKTAFDEAIAELDTLNEDSYKDSTLIMQLLRDNLTLWTSDSAGEECDAAEGAEN

**9. proteïne kinase C**

Zo speelt proteïne kinase C een belangrijke rol bij het handhaven van de celvorm, motiliteit, secretie, transmembraantransport en celcyclusregulatie. Proteïnekinase C-substraateiwitten worden gereguleerd door Ca2+-ionen, calmoduline en proteïnekinase C.

Lumbricus Terrestis:

Protein Id: Q2I699

Protein Seq: YVIIQDDDVDATMTEKRILALSAKHPYLTALHSCFQTEDRLFFVMEYLTGGDLMFQIQRARKFSEPRARFYAAEVTLALIFLHRHGILYRDLKLDNIMLDEEGHCKIADFGMCKEGIFPGTTTQTFCGTPDYI

Lumbricus rubellus:

Protein Id: Q2I699

Protein seq:

YVIIQDDDVDATMTEKRILALSAKHPYLTALHSCFQTEDRLFFVMEYLTGGDLMFQIQRARKFSEPRARFYAAEVTLALIFLHRHGILYRDLKLDNIMLDEEGHCKIADFGMCKEGIFPGTTTQTFCGTPDYI

Uit de gegeven lijst voor de eerste chromosoom zijn de genen die de eerder genoemde eiwitten coderen, gevonden op zowel de eerste chromosoom van Lumbricus Rubellus als op die van Lumbricus Terrestris. Er is echter een verschil in de genoomcoördinaten.

**Uitlijningsresultaten voor tweede chromosoom :**

1. **Neurocalcin-delta**

Neurocalcin Delta is betrokken bij de mechanismen van spier- en zenuwaandoeningen bij mensen.

(Riessland et al. 2017)

Proteind ID: B2RB70

Protein seq:

MGKQNSKLRPEVMQDLLESTDFTEHEIQEWYKGFLRDCPSGHLSMEEFKKIYGNFFPYGDASKFAEHVFRTFDANGDGTIDFREFIIALSVTSRGKLEQKLKWAFSMYDLDGNGYISKAEMLEIVQAIYKMVSSVMKMPEDESTPEKRTEKIFRQMDTNRDGKLSLEEFIRGAKSDPSIVRLLQCDPSSAGQF

Structure:

exon e\_start="31521411" e\_stop="31521034"

exon e\_start="31516099" e\_stop="31515898"

Lumbricus rubellus:

Proteind ID: B2RB70

Protein seq:

MGKQNSKLRPEVMQDLLESTDFTEHEIQEWYKGFLRDCPSGHLSMEEFKKIYGNFFPYGDASKFAEHVFRTFDANGDGTIDFREFIIALSVTSRGKLEQKLKWAFSMYDLDGNGYISKAEMLEIVQAIYKMVSSVMKMPEDESTPEKRTEKIFRQMDTNRDGKLSLEEFIRGAKSDPSIVRLLQCDPSSAGQF

Structure:

exon e\_start="35865712" e\_stop="35866089"

exon e\_start="35866967" e\_stop="35867166"

Lumbricus Rubellus:

Prot id: B2RB70

Prot seq:

MGKQNSKLRPEVMQDLLESTDFTEHEIQEWYKGFLRDCPSGHLSMEEFKKIYGNFFPYGDASKFAEHVFRTFDANGDGTIDFREFIIALSVTSRGKLEQKLKWAFSMYDLDGNGYISKAEMLEIVQAIYKMVSSVMKMPEDESTPEKRTEKIFRQMDTNRDGKLSLEEFIRGAKSDPSIVRLLQCDPSSAGQF

Structure

exon e\_start="35865712" e\_stop="35866089"

exon e\_start="35866967" e\_stop="35867166"

Bij de Blast van menselijke neurocalicine delta P61601 werd een identiteitsniveau van 100% bereikt.

1. **vesicle-fusing ATPase**

Reguleert Na+,K+ metabolisme Zenuw-spierverbindingen

(Apell, Häring, and Roudna 1990)

Lumbricus Terrestis:

Id: Q5CD25

Protein seq:

MAEDQNSDDLATAILRRKAKPNRLLVEEAINEDNSVVCVSQNKMDELQLFRGDSVLLKGKRRREAVCIVLSEDTLTDEKIRINRIVRNNLRVRLGDIVSIQPCPDVKYGKRVHILPIDDTVEGLTGNLFEVYLKPYFLEAYRPVHKGDIFLVRGGMRAVEFKVVETDPAPYCIVAPDTVIHCEGEPVKREEEEEALNEVGYDDIGGCRKQLAQIKEMVELPLRHPQLFKAIGVKPPRGILLYGPPGTGKTLIARAVANETGAFFFLINGPEIMSKLAGESESNLRKAFEEAEKNAPAIIFIDELDAIAPKREKTHGEVERRIVSQLLTLMDGLKQRAHVIVMAATNRPNSIDPALRRFGRFDREVDIGIPDTSGRLEILRIHTKNMKLANDVDLEQIASETHGHVGSDLAALCSEAALQQIREKMDVIDLEDEAIDAEVLSSLAVSQENFRWALSKSNPSALRETAVEVPTVTWEDVGGLENVKRELQELVQYPVEHPDKFLKFGMTPSKGVLFYGPPGCGKTLLAKAIANECQANFISIKGPELLTMWFGESEANVRDIFDKARSAAPCVLFFDELDSIAKSRGGNVGDGGGAADRVINQLLTEMDGMSSKKNVFIIGATNRPDIIDSAILRPGRLDQLIYIPLPDDKSRIQILKANLRKSPVAKDVDLDYLAKVTHGFSGADLTEICQRACKLAIRESIELEIRRERTRDQNPDAAEMEDDYDPVPEIRRDHFEEAMKFARRSVTDNDIRKYEMFAQTLQTSRGIGSNFRFPGGQPPRGGQGSGAGGQGGGSGGNPYEEGEEDLYS

Structure:

exon e\_start="32454354" e\_stop="32454234"

exon e\_start="32453587" e\_stop="32453415"

exon e\_start="32452956" e\_stop="32452876"

exon e\_start="32452313" e\_stop="32452121"

exon e\_start="32451158" e\_stop="32451027"

exon e\_start="32450302" e\_stop="32450066"

exon e\_start="32449540" e\_stop="32449405"

exon e\_start="32448887" e\_stop="32448775"

exon e\_start="32448299" e\_stop="32448135"

exon e\_start="32447553" e\_stop="32447218"

exon e\_start="32446411" e\_stop="32446233"

exon e\_start="32445521" e\_stop="32445392"

exon e\_start="32445018" e\_stop="32444857"

exon e\_start="32444140" e\_stop="32443986"

exon e\_start="32442362" e\_stop="32442254"

1. **Transitional endoplasmic reticulum ATPase**

Role : spierhomeostase

Skeletspieren hebben een gespecialiseerde vorm van ER die bekend staat als sarcoplasmatisch reticulum (SR). Het SR is een opslagplaats voor calcium en regelt het vrijkomen ervan tijdens de contractie van de myofibrillen; het SR speelt dus een cruciale rol in de spiercontractie en het behoud van de spierhomeostase.

(https://www.uniprot.org/uniprotkb/Q01853/entry)

Lumbricus Terrestris

Protein ID: F1SIH8

Protein seq: MASGADSKGDDLSTAILKQKNRPNRLIVDEAINEDNSVVSLSQPKMDELQLFRGDTVLLKGKKRREAVCIVLSDDTCSDEKIRMNRVVRNNLRVHLGDVISIQPCPDVKYGKRIHVLPIDDTVEGITGNLFEVYLKPYFLEAYRPIRKGDIFLVRGGMRAVEFKVVETDPSPYCIVAPDTVIHCEGEPIKREDEEESLNEVGYDDIGGCRKQLAQIKEMVELPLRHPALFKAIGVKPPRGILLYGPPGTGKTLIARAVANETGAFFFLINGPEIMSKLAGESESNLRKAFEEAEKNAPAIIFIDELDAIAPKREKTHGEVERRIVSQLLTLMDGLKQRAHVIVMAATNRPNSIDPALRRFGRFDREVDIGIPDATGRLEILQIHTKNMKLADDVDLEQVANETHGHVGADLAALCSEAALQAIRKKMDLIDLEDETIDAEVMNSLAVTMDDFRWALSQSNPSALRETVVEVPQVTWEDIGGLEDVKRELQELVQYPVEHPDKFLKFGMTPSKGVLFYGPPGCGKTLLAKAIANECQANFISIKGPELLTMWFGESEANVREIFDKARQAAPCVLFFDELDSIAKARGGNIGDGGGAADRVINQILTEMDGMSTKKNVFIIGATNRPDIIDPAILRPGRLDQLIYIPLPDEKSRVAILKANLRKSPVAKDVDLEFLAKMTNGFSGADLTEICQRACKLAIRESIESEIRRERERQTNPSAMEVEEDDPVPEIRRDHFEEAMRFARRSVSDNDIRKYEMFAQTLQQSRGFGSFRFPSGNQGGAGLCSLRVGAPAQEGPRVRPRPVPFLSLNSSATVRLWTGG

Structure:

exon e\_start="32453882" e\_stop="32453859"

exon e\_start="32453587" e\_stop="32453415"

exon e\_start="32452956" e\_stop="32452876"

exon e\_start="32452313" e\_stop="32452121"

exon e\_start="32451158" e\_stop="32451027"

exon e\_start="32450302" e\_stop="32450066"

exon e\_start="32449540" e\_stop="32449405"

exon e\_start="32448887" e\_stop="32448775"

exon e\_start="32448299" e\_stop="32448135"

exon e\_start="32447553" e\_stop="32447218"

exon e\_start="32446411" e\_stop="32446233"

exon e\_start="32445521" e\_stop="32445392"

exon e\_start="32445018" e\_stop="32444857"

exon e\_start="32444140" e\_stop="32443982"

1. **VCP protein**

ATPase valosin containing protein (VCP), cel- en orgaanhomeostase, vooral in cellen van het zenuwstelsel

(Rebecca L. Casterton n.d.)

Lumbricus Terrestris

Protein ID: Q0IIN5

Seq:

MDGLKQRAHVIVMAATNRPNSIDPALRRFGRFDREVDIGIPDATGRLEILQIHTKNMKLADDVDLEQVANETHGHVGADLAALCSEAALQAIRKKMDLIDLEDETIDAEVMNSLAVTMDDFRWALSQSNPSALRETVVEVPQVTWEDIGGLEDVKRELQELVQYPVEHPDKFLKFGMTPSKGVLFYGPPGCGKTLLAKAIANECQANFISIKGPELLTMWFGESEANVREIFDKARQAAPCVLFFDELDSIAKARGGNIGDGGGAADRVINQILTEMDGMSTKKNVFIIGATNRPDIIDPAILRPGRLDQLIYIPLPDEKSRVAILKANLRKSPVAKDVDLEFLAKMTNGFSGADLTEICQRACKLAIRESIESEIRRERERQTNPSAMEVEEDDPVPEIRRDHFEEAMRFARRSVSDNDIRKYEMFAQTLQQSRGFGSFRFPSGNQGGAGPSQGSGGGTGGSVYTEDNDDDLYG

Structure:

exon e\_start="32449492" e\_stop="32449405"

exon e\_start="32448887" e\_stop="32448775"

exon e\_start="32448299" e\_stop="32448135"

exon e\_start="32447553" e\_stop="32447218"

exon e\_start="32446411" e\_stop="32446233"

exon e\_start="32445521" e\_stop="32445392"

exon e\_start="32445018" e\_stop="32444857"

exon e\_start="32444140" e\_stop="32443982"

Het is een analoog van een menselijk eiwit VCP.

1. **N-acetylmuramoyl-L-alanine amidase**

Alanine is betrokken bij de vorming van spiereiwitten

Lumbricus Terrestris

Protein ID:

A0A9E9G103

Seq:

MFRLLLLSCCFVAAVVGDITGTDPAPGSCICLDATGVNVRDSACGDVIGSANPPQCYKAVGQNVECTLDGILYEFHAVEFGATTGWMAGIYLVMGSDSQCAGGGGPGVCSEVEQVSRAQWGARPPAWAIDPLPSKPVGMGFTHHTVTAFCYTYDECVAQMISIQNYHIDSNGWPDIGYNWLVGEDGRAYEGRGWDKIGAHTYGYNDVAVAVSVIGDFTSRVPNAAAQSALVNIFNCAIQQGILASNYEMFGHRDGGCTACPGDQLYALIRTWPQYSFRDIVNYCVEGLLED

Structure:

exon e\_start="47687740" e\_stop="47687674"

exon e\_start="47687441" e\_stop="47687372"

exon e\_start="47686653" e\_stop="47686459"

exon e\_start="47681438" e\_stop="47681233"

exon e\_start="47679956" e\_stop="47679804"

Het is een analoog van een menselijk eiwit

**6. Large ribosomal subunit protein uL5**

Ribosomale eiwitten zijn betrokken bij neurologische ontwikkeling en ziekten en letsel van het centrale zenuwstelsel. Bepaalde subeenheden hebben een functie als ribosomale eiwitten in het proces van axongroei. xingExperimentalUpregulationDevelopmentally2023

Lumbricus Terrestris

Protein Id: Q5VVD0

Seq:

MAQDQGEKENPMRELRIRKLCLNICVGESGDRLTRAAKVLEQLTGQTPVFSKARYTVRSFGIRRNEKIAVHCTVRGAKAEEILEKGLKVREYELRKNNFSDTGNFGFGIQEHIDLGIKYDPSIGIYGLDFYVVLGRPGFSIADKKRRTGCIGAKHRISKEEAMRWFQQKYDGIILPGK

Structure:

exon e\_start="48244550" e\_stop="48244706"

exon e\_start="48245084" e\_stop="48245190"

exon e\_start="48246647" e\_stop="48246794"

exon e\_start="48247090" e\_stop="48247096"

Het is een analoog van een menselijk eiwit.

1. **Extracellular globin-2**

Globine is een heemeiwit. Heemeiwitten zijn een groep eiwitten en enzymen. Deze eiwitten hebben verschillende functies en werkingsmechanismen. Ze kunnen zuurstof reversibel binden en transporteren naar verschillende organen en weefsels van het lichaam (hemoglobine, myoglobine).

Hemoglobine (Hb) en myoglobine (Mb) zijn geen enzymen, maar zorgen voor een omkeerbare binding van zuurstof en CO. Een onderscheidend kenmerk van Mb en Hb is dat deze heemeiwitten zuurstof binden zonder de chemische transformatie ervan te ondergaan, maar door een stabiel complex te vormen waarin O de zesde coördinatiepositie inneemt. Ze behoren tot de sarcoplasmatische eiwitten van het sarcoplasma van de spiercel.

Lumbricus Terrestris:

Proteint: P02218

Protein seq: KKQCGVLEGLKVKSEWGRAYGSGHDREAFSQAIWRATFAQVPESRSLFKRVHGDDTSHPAFIAHAERVLGGLDIAISTLDQPATLKEELDHLQVQHEGRKIPDNYFDAFKTAILHVVAAQLGRCYDREAWDACIDHIEDGIKGHH

Structuur:

exon e\_start="52603074" e\_stop="52603180"

exon e\_start="52604053" e\_stop="52604266"

exon e\_start="52605515" e\_stop="52605628"

1. **Tubulin beta chain**

De beta-tubuline eiwitfamilie is een groep eiwitten die deel uitmaken van de microtubuli.

De functies van microtubuli zijn:

1) het handhaven van de vorm en polariteit van de cel, de distributie van zijn componenten2) zorgen voor intracellulair transport,

3) zorgen voor de beweging van trilharen, chromosomen in mitose (ze vormen de achromatinespil die nodig is voor de celdeling) 4) vorming van de basis van andere organellen (centriolen, cilia).

Lumbricus Terrestris:

Protein id: Q8IWP6

Prot seq:

MREIVHLQAGQCGNQIGAKFWEVISDEHGIDPTGTYHGDSDLQLERINVYYNEATGGKYVPRAVLVDLEPGTMDSVRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDSVLDVVRKEAESCDCLQGFQLTHSLGGGTGSGMGTLLISKIREEYPDRIMNTFSVVPSPKVSDTVVEPYNATLSVHQLVENTDETYCIDNEALYDICFRTLKLTTPTYGDLNHLVSATMSGVTTCLRFPGQLNADLRKLAVNMVPFPRLHFFMPGFAPLTSRGSQQYRALTVPELTQQMFDAKNMMAACDPRHGRYLTVAAVFRGRMSMKEVDEQMLNVQNKNSSYFVEWIPNNVKTAVCDIPPRGLKMPATFIGNSTAIQELFKRISEQFTAMFRRKAFPHWYTGEGMDEMEFTEAESNMNDLVSEYQQYQDATAEEEGEFEEGAEEEVA

Structure:

exon e\_start="64216388" e\_stop="64216376"

exon e\_start="64216088" e\_stop="64215980"

exon e\_start="64215185" e\_stop="64214830"

exon e\_start="64214282" e\_stop="64213473"

1. **Glyceraldehyde-3-phosphate dehydrogenase**

De rol van glyceraldehyde-3-fosfaatdehydrogenase (GAPDH) in spieren is dat het de zesde fase van glycolyse katalyseert en glucose afbreekt voor energie in de cel.

(Gerwyn Morris n.d.)

Lumbricus Terrestris:

Protein ID: A0A2I7YV10

Protein seq: MAKVGINGFGRIGRLVTRVALERGVDVVAINDPFIDLNYMVYMFKYDSTHGQYKGEVKHDGHKLIVNGHAISVYGERDPANIPWKNDSADYVVESTGCFTTIEKASAHLKGGAKKVVISAPSADAPMYVIGVNEDKYDPSHHVISNASCTTNCLAPLAKVINDNFGIIEGLMTTVHAYTATQKTVDGPSNKDWRGGRTAAQNIIPSSTGAAKAVGKVIPALNGKLTGMAFRVPTPNVSVVDLTVRLEKGASYDEIKKVVKAAADGPLKGILFYTEDEVVSSDWNTSSYSSVFDAKAGIALNDHFVKLVSWYDNEYGYSNRVVDLIKYAHKRDHA

Structure:

exon e\_start="67596888" e\_stop="67597004"

exon e\_start="67597725" e\_stop="67597831"

exon e\_start="67598804" e\_stop="67599010"

exon e\_start="67599365" e\_stop="67599677"

exon e\_start="67600352" e\_stop="67600533"

exon e\_start="67601345" e\_stop="67601417"

1. **Myosin regulatory light polypeptide**

De myosinegroep eiwitten zorgt voor spier- en celcontractie, terwijl andere eiwitten ondersteuning bieden voor membraanvorm en vesiculair transport.

Lumbricus Terrestris:

Protein Id: Q71U02

Protein seq:

MSSKRAKAKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHDMLASLGKNPTDEYLEGMMSEAPGPYNFTMFLTMFGEKLNGTDPEDVIRNAFACFDEESSGFIHEDHLRELLTTMGDRFTDEEVDEMYREAPIDKKGNFNYVEFTRILKHGAKDKDD

Structure:

exon e\_start="82243054" e\_stop="82243240"

exon e\_start="82244147" e\_stop="82244308"

exon e\_start="82245177" e\_stop="82245247"

Lumbricus Rubellus:

Protein Id: Q71U02

Protein seq:

MSSKRAKAKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHDMLASLGKNPTDEYLEGMMSEAPGPYNFTMFLTMFGEKLNGTDPEDVIRNAFACFDEESSGFIHEDHLRELLTTMGDRFTDEEVDEMYREAPIDKKGNFNYVEFTRILKHGAKDKDD

Structure:

exon e\_start="5156563" e\_stop="5156746"

exon e\_start="5157180" e\_stop="5157341"

exon e\_start="5158213" e\_stop="5158385"

**9.E2 NEDD8-conjugating enzyme**

Dit enzym komt tot overexpressie in verschillende maligniteiten en is een doelwit in kankertherapie (Zhou et al. 2023)

Lumbricus Rubellus:

Protein Id:

A0A024R4T4

Protein seq:

MIKLFSLKQQKKEEESAGGTKGSSKKASAAQLRIQKDINELNLPKTCDISFSDPDDLLNFKLVICPDEGFYKSGKFVFSFKVGQGYPHDPPKVKCETMVYHPNIDLEGNVCLNILREDWKPVLTINSIIYGLQYLFLEPNPEDPLNKEAAEVLQNNRRLFEQNVQRSMRGGYIGSTYFERCLK

Structure:

exon e\_start="5796260" e\_stop="5796150"

exon e\_start="5795977" e\_stop="5795835"

exon e\_start="5795353" e\_stop="5795290"

exon e\_start="5794346" e\_stop="5794209"

1. **ADP-ribosylation factor**

Adp – ribosylation factor het regelt membraantransport tussen het plasmamembraan en endosomen. Het regelt de celvorm en motiliteit, inclusief processen gerelateerd aan cel-tot-cel en cel-tot-intercellulaire matrix interacties.

(Hara et al. 2016)

Lumbricus Rubellus:

Protein id:

Q6FH17|

Protein seq:

MGKVLSKIFGNKEMWILMLGLDAAGKTTILYKLKLGQSVTTIPTVGFNVETVTYKNVKFNVWDVGGQDKIRPLWRHYYTGTQGLIFVVDCADRDRIDEARQELHRIINDREMRDAIILIFANKQDLPDAMKPHEIQEKLGLTRIRDRNWYVQPSCATSGDGLYEGLTWLTSNYKS

exon e\_start="28550907" e\_stop="28550988"

exon e\_start="28553196" e\_stop="28553299"

exon e\_start="28554102" e\_stop="28554300"

exon e\_start="28555030" e\_stop="28555169"

1. **Transforming protein RhoA**

Een van functie dit ewit is regeling van cytoskeletdynamiek. Het eiwit stimuleert actinepolymerisatie, waarbij actinemonomeren worden omgezet in filamenten.

( <https://en.wikipedia.org/wiki/Transforming_protein_RhoA>)

Lumbricus Rubellus:

Id: A0A024R324

Seq: MAAIRKKLVIVGDGACGKTCLLIVFSKDQFPEVYVPTVFENYVADIEVDGKQVELALWDTAGQEDYDRLRPLSYPDTDVILMCFSIDSPDSLENIPEKWTPEVKHFCPNVPIILVGNKKDLRNDEHTRRELAKMKQEPVKPEEGRDMANRIGAFGYMECSAKTKDGVREVFEMATRAALQARRGKKKSGCLVL

exon e\_start="34617155" e\_stop="34617268"

exon e\_start="34621799" e\_stop="34621953"

exon e\_start="34622745" e\_stop="34622874"

**Chromosome 3**

**1. Coactosin-like protein**

Coactosine-achtig eiwit dat actinefilamenten bindt en stabiliseert

Lumbricus Terrestris:

Protein ID: B7SHS5

Protein Seq:

MADIQKESIAEAYDDVRNDQTPTTWALLGYDDSNTIVLLGTGSEYEEFRSKFSDDDRLFGFVRLTAGDELSKRAKFVLITWIGSNISALKRAKVSTDKSTVKSILQNFALEIQISDLAELEEPNIREALKKAGGAQYGTGVRD

Structure:

exon e\_start="6789717" e\_stop="6789785"

exon e\_start="6790016" e\_stop="6790101"

exon e\_start="6791428" e\_stop="6791585"

exon e\_start="6792647" e\_stop="6792757"

**2. Ubiquitin**

Ubiquitine speelt een rol bij spierafbraak. In cellen wordt de overgrote meerderheid van eiwitten afgebroken via het ubiquitine-proteasoom systeem; daarom speelt het een cruciale rol in het proces van atrofie van de skeletspier. (Pang et al. 2023)

Lumbricus Terrestris

Protein Id: Q2I6A1

Protein seq:

LKAKIQDKEGIPPDQQRLIFAGKQLEDGRTLSDYNIQKESTLHLVLRLRGGMQIFVKTLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLIFAGKQLEDGRTLSDYNIQKESTLHLV

Structure:

exon e\_start="19382833" e\_stop="19382857"

exon e\_start="19383132" e\_stop="19383234"

exon e\_start="19384532" e\_stop="19384640"

**3. Actin-related protein 2/3 complex subunit 4**

Dit complex zorgt voor de vorming van vertakte actinenetwerken in het cytoplasma, die de kracht leveren voor celmotiliteit (uniprot n.d.-a)

Lumbricus Terrestris

Protein Id: O46159

Protein seq:

MSTTLQPYLKAVRQTLTAAICVENFSSQVVERHNKPEVEVRTSKELLLTPVTISRNEKEKVLIEGSINSLRISIAIKRADEIEKILCHKFMRFMMMRAENFIILRRKPVEGYDISFLITNFHTEQMYKHKIVDFIIHFMEEIDKEISEMKLAVNSRARISAEEFLKRF

exon e\_start="25531800" e\_stop="25531679"

exon e\_start="25531225" e\_stop="25531114"

exon e\_start="25530439" e\_stop="25530344"

exon e\_start="25529414" e\_stop="25529241"

4. **Protein kinase C2**

Protein kinase C is betrokken bij het behoud van de celvorm, celbeweging, secretie, transmembraantransport en celcyclusregulatie.

ProteinKinase2025

Lumbricus Terrestris

Protein ID: Q2I699

Protein seq:

YVIIQDDDVDATMTEKRILALSAKHPYLTALHSCFQTEDRLFFVMEYLTGGDLMFQIQRARKFSEPRARFYAAEVTLALIFLHRHGILYRDLKLDNIMLDEEGHCKIADFGMCKEGIFPGTTTQTFCGTPDYI

Structure:

exon e\_start="33054402" e\_stop="33054289"

exon e\_start="33052468" e\_stop="33052314"

exon e\_start="33051031" e\_stop="33050902"

**5. Protein kinase C1**

Lumbricus Terrestris

Protein kinase C is betrokken bij het behoud van de celvorm, celbeweging, secretie, transmembraantransport en celcyclusregulatie.

Protein ID: Q2I6A0

Protein seq: RDHPGRRCRLHYDGKANLGSFGQASIPHSLHSCFQTPDRLFFVMEYVNGGDLMFQIQRARKFDEARTRFYAAEVTLALMFLHRHGILYRDLKLDNILLDADGHCKIADFGMCKEGMFGGNMTETFCGTPDYI

Structure:

exon e\_start="33052768" e\_stop="33052747"

exon e\_start="33052468" e\_stop="33052314"

exon e\_start="33051031" e\_stop="33050902"

**6.ADP-ribosylation factor**

ADP-ribosylatie is een reversibele post-translationele modificatie die betrokken is bij signaaltransductie, DNA-herstel, regulatie van genexpressie en apoptose.

(Anon 2024)

Lumbricus Terrestris

Protein ID: Q6FH17

Protein seq: MGKVLSKIFGNKEMWILMLGLDAAGKTTILYKLKLGQSVTTIPTVGFNVETVTYKNVKFNVWDVGGQDKIRPLWRHYYTGTQGLIFVVDCADRDRIDEARQELHRIINDREMRDAIILIFANKQDLPDAMKPHEIQEKLGLTRIRDRNWYVQPSCATSGDGLYEGLTWLTSNYKS

Structure:

exon e\_start="40517066" e\_stop="40516985"

exon e\_start="40513979" e\_stop="40513876"

exon e\_start="40511906" e\_stop="40511708"

exon e\_start="40510962" e\_stop="40510823"

1. **Myosin regulatory light polypeptide**

Myosine regulerende subeenheid speelt rol in de regulatie van zowel gladde spier- als niet-spiercel contractiele activiteit via zijn fosforylering. Betrokken bij cytokinese, afdekken van receptoren en voortbeweging van cellen. (uniprot n.d.-b)

Lumbricus Terrestris

Protein ID: Q71U02

Protein seq:

MSSKRAKAKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHDMLASLGKNPTDEYLEGMMSEAPGPYNFTMFLTMFGEKLNGTDPEDVIRNAFACFDEESSGFIHEDHLRELLTTMGDRFTDEEVDEMYREAPIDKKGNFNYVEFTRILKHGAKDKDD

Structure:

exon e\_start="70013235" e\_stop="70013052"

exon e\_start="70012439" e\_stop="70012278"

exon e\_start="70010681" e\_stop="70010509"

1. **Phosphodiesterase 4B-like protein**

Deze groep eiwitten reguleert en medieert een reeks cellulaire reacties op extracellulaire signalen zoals hormonen, licht en neurotransmitters. (wikipedia 2024)

Lumbricus Rubellus:

Protein ID : A0A088BZG9

Protein seq:

VAAEVLATDMSKHMDHLAHLKTMVETRKISGNGVLDLETYSERIQVLQNLVHCADLSNPTKPLDIYRQWTDRIIEEFFKQGDLERQKGIDISPMCDRLTASVERSQVGFIDYIVQPLWETWADLLQPDCQDILDTLEDNRNWYQNMIPNSPLDINALRTHPLEGDSDNELMDEEQTRFSFTVTDISDTEAGTDGKQTNGQKAAAADDGGV

Structure:

exon e\_start="1017222" e\_stop="1017083"

exon e\_start="1015582" e\_stop="1015400"

exon e\_start="1014194" e\_stop="1013853"

1. **Extracellular globin-4**

Extracellulaire globines worden geproduceerd door gespecialiseerde cellen langs de vaten van de segmentale aanhangsels van de worm, die als kieuwen fungeren en een ademhalingsfunctie hebben.(Song et al. 2020)

Lumbricus Rubellus:

P13579

Protein seq:

ADDEDCCSYEDRREIRHIWDDVWSSSFTDRRVAIVRAVFDDLFKHYPTSKALFERVKIDEPESGEFKSHLVRVANGLDLLINLLDDTLVLQSHLGHLADQHIQRKGVTKEYFRGIGEAFARVLPQVLSCFNVDAWNRCFHRLVARIAKDLP

Structure:

exon e\_start="4698758" e\_stop="4698637"

exon e\_start="4697984" e\_stop="4697768"

exon e\_start="4696942" e\_stop="4696829"

1. **Tubulin beta chain**

Tubuline is het belangrijkste bestanddeel van microtubuli, <https://www.uniprot.org/uniprotkb/B2R6L0/entry>

Lumbricus Rubellus

Protein ID : Q8IWP6

Protein seq: MREIVHLQAGQCGNQIGAKFWEVISDEHGIDPTGTYHGDSDLQLERINVYYNEATGGKYVPRAVLVDLEPGTMDSVRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDSVLDVVRKEAESCDCLQGFQLTHSLGGGTGSGMGTLLISKIREEYPDRIMNTFSVVPSPKVSDTVVEPYNATLSVHQLVENTDETYCIDNEALYDICFRTLKLTTPTYGDLNHLVSATMSGVTTCLRFPGQLNADLRKLAVNMVPFPRLHFFMPGFAPLTSRGSQQYRALTVPELTQQMFDAKNMMAACDPRHGRYLTVAAVFRGRMSMKEVDEQMLNVQNKNSSYFVEWIPNNVKTAVCDIPPRGLKMPATFIGNSTAIQELFKRISEQFTAMFRRKAFPHWYTGEGMDEMEFTEAESNMNDLVSEYQQYQDATAEEEGEFEEGAEEEVA

Structure:

exon e\_start="22183079" e\_stop="22183050"

exon e\_start="22182781" e\_stop="22182673"

exon e\_start="22182123" e\_stop="22181768"

exon e\_start="22181223" e\_stop="22180411"

1. **Adenosylhomocysteinase**

Bindt koperionen, <https://www.uniprot.org/uniprotkb/P23526/entry>

Lumbricus Rubellus

Protein ID: Q1RMG2

Protein seq:

MILDDGGDLTNLIHTKYPQLLPGIRGISEETTTGVHNLYKMMANGILKVPAINVNDSVTKSKFDNLYGCRESLIDGIKRATDVMIAGKVAVVAGYGDVGKGCAQALRGFGARVIITEIDPINALQAAMEGYEVTTMDEACQEGNIFVTTTGCIDIILGRHFEQMKDDAIVCNIGHFDVEIDVKWLNENAVEKVNIKPQVDRYRLKNGRRIILLAEGRLVNLGCAMGHPSFVMSNSFTNQVMAQIELWTHPDKYPVGVHFLPKKLDEAVAEAHLGKLNVKLTKLTEKQAQYLGMSCDGPFKPDHYRY

Structure:

exon e\_start="24133367" e\_stop="24133301"

exon e\_start="24132423" e\_stop="24132311"

exon e\_start="24131655" e\_stop="24131448"

exon e\_start="24130187" e\_stop="24129982"

exon e\_start="24129500" e\_stop="24129297"

exon e\_start="24129071" e\_stop="24129051"

1. **NADH dehydrogenase**

NADH-dehydrogenase wordt gebruikt in de elektronentransportketen voor het genereren van ATP.

Lumbricus Rubellus

Proteins ID: A0A8D1TL60

Protein seq:

MGAAVQVRFVHPSAATDSPSSQPAVSQAGAVVSKPTTLPSSRGEYVVAKLDDLVNWARRSSLWPMTFGLACCAVEMMHMAAPRYDMDRFGVVFRASPRQSDVMIVAGTLTNKMAPALRKVYDQMPEPRYVVSMGSCANGGGYYHYSYSVVRGCDRIVPVDIYVPGCPPTAEALLYGILQLQRKIKREKRLRIWYRR

Structure:

exon e\_start="50513002" e\_stop="50513004"

exon e\_start="50513301" e\_stop="50513480"

exon e\_start="50513864" e\_stop="50513999"

exon e\_start="50514637" e\_stop="50514731"

**Chromosoom 4**

1. **Pyruvate carboxylase**

Pyruvaatcarboxylase is een enzym dat een belangrijke rol speelt in gluconeogenese en lipogenese, en in de biosynthese van neurotransmitters

Lumbricus Terrestris

Protein ID: Q2I698

Protein Seq:KVMVANRGEIAIRVFRCCTEMGIRTVSIYSEQDRQQMHRLKADESYLVGKGLPPVAAYLNIPDIIRIATENGVDAVHPGYGFLSERGDFAQAVIDAGIRFVGPTPKAIFQMGDKVAAR

exon e\_start="42249117" e\_stop="42249183"

exon e\_start="42250103" e\_stop="42250215"

exon e\_start="42250933" e\_stop="42251140"

exon e\_start="42252113" e\_stop="42252318"

exon e\_start="42253005" e\_stop="42253199"

exon e\_start="42253386" e\_stop="42253454"

1. **Tubulin beta chain**

werd beschreven in chromosoom 3

1. **Phosphodiesterase 4B-like protein**

Fosfodiësterase is een familie enzymen die verantwoordelijk is voor de afbraak van intracellulaire signaalwegen zoals cyclisch AMP en cyclisch GMP.

Protein ID: A0A088BZG9

Protein Seq:

VAAEVLATDMSKHMDHLAHLKTMVETRKISGNGVLDLETYSERIQVLQNLVHCADLSNPTKPLDIYRQWTDRIIEEFFKQGDLERQKGIDISPMCDRLTASVERSQVGFIDYIVQPLWETWADLLQPDCQDILDTLEDNRNWYQNMIPNSPLDINALRTHPLEGDSDNELMDEEQTRFSFTVTDISDTEAGTDGKQTNGQKAAAADDGGV

1. **NaK-ATPase alpha subunit**

De Na+/K+-ATPase is een chemische moleculaire machine die verantwoordelijk is voor de beweging van Na+ en K+ ionen over het celmembraan. Deze ionen worden verplaatst tegen hun elektrochemische gradiënten in, dus gebruikt het eiwit de vrije energie van ATP-hydrolyse om ze te transporteren. (Pirahanchi, Jessu, and Aeddula 2025)

Lumbricus Rubellus

Protein ID: Q5XQG2

Protein seq: DNTIFEADTSLTQDCASYSKESPSWIALSRVAMLCNRAEFKPGQERTPVLLRECNGDASESALLKCAELSIGNVSQHRAASPKVCEIPFNSTNKYQVSIHELMVNDVKRNLLVMKGAPERILERCSMIKMNGADVPLAPQLTDAFQKAYDDLGSLGERVLGFADLLLPADDFPIGFSFNNEDVNFPLDGLSFVGLMS

Structure:

exon e\_start="121669" e\_stop="121716"

exon e\_start="121850" e\_stop="121961"

exon e\_start="123299" e\_stop="123431"

exon e\_start="123815" e\_stop="124129"

Chromosoom 5

Lumbricus Terrestris:

1. **Alpha actinin**

Actinine is een microfilament eiwit, dat de contractie van spiercellen regelt, in niet-spiercellen controleert het de vorm en de ruimtelijke organisatie van de cellen, de celbeweging

Ptotein Id : A0A0B5JCC5

Protein seq: MYQDGIPPGYYQDEYMEQEDVWEREGLLDPACEEQQKKTFTAWCNSHLRKAGTQIENIEEDFRNGLKLMLLLEVISGEQLPKPDRGKMRIHKLSNVNKALQFIESKGVRLVSIGSEEIVDGNLKMTLGMIWTIILRFAIQDISVEEMTAKEGLLLWCQRKTAPYKNVNVQNFHLSFKDGLAFCALIHRHRPELLDYNKLSKDNPLYNLNLAFDVAEKYLDIPRMLDAEDMVNSVKPDERSVMTYVSAYYHAFAGAQQAETAANRICKVLKINQENERLMEEYERMASDLLEWIRRTRPWLENRTTDNTIPGTRRKLAEFRDYSRAHKPPKVEEKAKLESTFNTLQTRLRLSNRPAYMPTEGKMVSDIANAWKGLENAEKGFEDWLLSELQRLERLDHLAQKFKLKCDIHEEWSVGKEDMLQAQDFKKSRLSDLKALRKRHEAFEGDLASHQERVEQIAAIAQELNALGYHDVKSVNSRCQRICDQWDLLGTLSQQRRNALEEAEQILEKIDHLHQEFARRAAPFNNWLDGAKEDLVDMFIVHTVEEIQRLNDSHDQFKLTLTEADKEFNGIIGLPNEIIRISQQYGITGGYENPYSFITGQDLANRWHEVKQLVPDRDQTLHNELLRQQNNERLRRAFAQKANVVGQWIERHLDAIASAAVQKGKLEDQLIRLKAIDKRGCGFQPSFDELETIHHKILEAMIFDTCHTPYTMETLRVGWEQLVTSSYRSINETENQILTRDSKGITNQQLEEFRRSFLHFDKSRTRRLEPKDFKSCLISLGYNIKDDRQGEADFQRIMSVVDPNNFGFVTFEAFLDFMTREATDNDTAEQVMQSFRVLAGDQNYITADILRRELPPDQAEYCIRRMAPYVGRDSVPGALDYRSFSAALYGESDL

Structure:

exon e\_start="703989" e\_stop="704102"

exon e\_start="722948" e\_stop="723182"

exon e\_start="723863" e\_stop="723949"

exon e\_start="724953" e\_stop="725040"

exon e\_start="726061" e\_stop="726139"

exon e\_start="726946" e\_stop="727027"

exon e\_start="727976" e\_stop="728061"

exon e\_start="728550" e\_stop="728642"

exon e\_start="729126" e\_stop="729356"

exon e\_start="730021" e\_stop="730097"

exon e\_start="730601" e\_stop="730730"

exon e\_start="731268" e\_stop="731359"

exon e\_start="731866" e\_stop="731974"

exon e\_start="732564" e\_stop="732626"

exon e\_start="732990" e\_stop="733067"

exon e\_start="734143" e\_stop="734301"

exon e\_start="736102" e\_stop="736437"

exon e\_start="737147" e\_stop="737215"

exon e\_start="738099" e\_stop="738257"

exon e\_start="738805" e\_stop="738963"

exon e\_start="739732" e\_stop="739887"

,

En andere actine-gerelateerde genen op dit chromosoom:

Actin, aortic smooth muscle prot id A0A287AVS8, Actin-2 prot id P92176, Actin-1prot id P92182, Beta actin prot-Id E9KJS6

1. **Calcium-transporting ATPase**

Het transporteert calciumionen naar de extracellulaire vloeistof of naar intracellulaire calciumdepots - blaasjes van het endoplasmatisch reticulum. Het houdt de calciumionenconcentratie in het cytoplasma laag. Het handhaven van een lage calciumconcentratie creëert de mogelijkheid om cellulaire functies te reguleren door de doorlaatbaarheid van celmembranen voor Ca2+ te verhogen. Wanneer deze ionen de cel binnenkomen, activeren ze verschillende intracellulaire processen. Een voorbeeld is spiercontractie, die begint met het vrijkomen van calciumionen uit het sarcoplasmatisch reticulum en de interactie daarvan met contractiele eiwitten. Verwijdering van calcium door het sarcoplasmatisch reticulum leidt tot ontspanning van de spier.

Protein ID:

D0EXD5

Protein Seq:

<seq>MEEAHTKPSDEVLHYFQTDENVGLDDDQIKRYQEKYGPNELPAEEGKSLWELVLEQFDDLLVKILLLAAIISFVLAWFEDSEEQVTAFVEPFVILLILIANAIVGVWQERNAESAIEALKEYEPEIAKVIRKNHRGIQRIKARDLVPGDIVDVSVGDKVPADVRLIKILSTTLRVDQAILTGESVSVLKHTDAIPDPRAVNQDKKNVLFSGTNIAAGKSRGVVIGTGLNTQIGKIRTEMCETETEKTPLQQKLDEFGQQLSKVITLVCIAVWAINIGHFNDPAHGGSWLKGAVYYFKIAVALAVAAIPEGLPAVITTCLALGTRRMAKKNAIVRSLPSVETLGCTSVICSDKTGTLTTNQMSVCRMFIFGKAADGLSTTQFEITGSTYAPEGEVFKDGKVVKTGDYDGLVELATICSLCNDSSVDFNEAKGVYEKVGEATETALTILVEKMNPYTLEKSGIKPKELGTLCNQHIQSMWRKDFTLEFSRDRKSMSSYVHPLKPTKLSAGVKQFVKGAPEGVLDRCTFVRVGTEKVPMTPALKAEIYKQVKFYGTGRDTLRCLALATIDAPLKKEEMDLEDSTKFVRFETNCTFVGVVGMLDPPRKEVISAIKECRLAGIRVIVITGDNKATAEAICRRIGVFSETESTDGKSYTGREFDDLSPQDQAAAVKHARLFARVEPAHKSKIVDFLQAAGEISAMTGDGVNDAPALKKADIGIAMGSGTAVAKSASEMVLADDNFSTIVSAVEEGRAIYNNMKQFIRYLISSNIGEVVCIFLTAALGMPEALIPVQLLWVNLVTDGLPATALGFNPPDLEIMNKPPRSAREPLISRWLFFRYMAIGGYVGAATVGAAAWWFTSYEEGPQLNFYQLTHHMQCLVQDERFKGIDCEVFDNPKPKSMALSVLVVIEIFNALNSISENQSLTLMPPWYNKWLLGAIALSMSLHFMILEVDFLSAVFQITPLNIEEWLAVLKISFPVILIDEVLKFIARRFTDIAIARDPMSEKN</seq>

Structure:

exon e\_start="35892292" e\_stop="35892209"

exon e\_start="35892016" e\_stop="35891909"

exon e\_start="35886736" e\_stop="35886632"

exon e\_start="35882949" e\_stop="35882811"

exon e\_start="35881335" e\_stop="35881255"

exon e\_start="35880043" e\_stop="35879958"

exon e\_start="35878715" e\_stop="35878649"

exon e\_start="35878041" e\_stop="35877953"

exon e\_start="35877276" e\_stop="35877193"

exon e\_start="35873205" e\_stop="35872981"

exon e\_start="35872640" e\_stop="35872552"

exon e\_start="35872140" e\_stop="35872038"

exon e\_start="35871495" e\_stop="35871238"

exon e\_start="35870783" e\_stop="35870666"

exon e\_start="35869805" e\_stop="35869705"

exon e\_start="35868987" e\_stop="35868865"

exon e\_start="35868280" e\_stop="35868068"

exon e\_start="35867589" e\_stop="35867080"

exon e\_start="35866492" e\_stop="35866359"

exon e\_start="35865941" e\_stop="35865824"

exon e\_start="35864810" e\_stop="35864678"

exon e\_start="35864501" e\_stop="35864482"

1. **Lumbrokinase-P2**

Lumbrokinase is een enzym dat fibrinestolsels oplost. Het verlaagt het fibrinogeenniveau,

Lumbrokinase wordt gebruikt om ischemische beroerte en coronaire hartziekte, waaronder instabiele angina pectoris, te voorkomen en te behandelen. Het geneesmiddel bevordert het herstel van neurologische functies en verbetert de dagelijkse activiteit.

Id : B8ZZ04

Seq: MRILLLLCLALPAFGSGVNQHVVGGSDTTIGQYPHQLSLRVTGSHSCGASLIGTTRAVTAAHCTGSAIGVYTILGGTTDRTVTNCATCVLRDLNFLNRHPQYDENGNGYPNDVAVIGFAAVATNTNLQTISLATPSDGSFAGDTGVITGWGKTASIGGIPDILQMATMNVITNADCAGTWGALSINDGHICVSAVGRSACSGDSGGPLECGNTLAGATSWGQASCDPSYPSVYTRISYFYSWIIAQ

Structure:

exon e\_start="50576407" e\_stop="50576440"

exon e\_start="50576537" e\_stop="50576702"

exon e\_start="50578406" e\_stop="50578496"

exon e\_start="50578837" e\_stop="50579008"

exon e\_start="50581032" e\_stop="50581168"

exon e\_start="50581854" e\_stop="50581988"

1. **Fibrinolytic protease 0**

Opgenomen in Fibrinolytisch systeem. Fibrinolyse is een proces van proteolytische splitsing van fibrine met als doel de verstoorde bloedstroom te herstellen.

Protein ID: Q0PGR9

Seq: VVGGSDTTIGQYPHQLSLRVTGSHSCGASLIGTTRAVTAAHCTGSAIAVYSILGGTTDRTVTNCATCVLRDLNFLNRHPAYDGNAPGYPNDVAVIGFAAVATNTNLQAISLATPSDGNFAGDSCVITGWGQTGSIGGLPDALQLATMNVLTNADCTNTWGAVRINDGHICVSAAGRSACSGDSGGPLECSNRLAGATSWGEASCDPSYPSVYTRVSYFYTWIIAQ

Structure:

exon e\_start="50576563" e\_stop="50576702"

exon e\_start="50578406" e\_stop="50578496"

exon e\_start="50578837" e\_stop="50579008"

exon e\_start="50581032" e\_stop="50581168"

exon e\_start="50581854" e\_stop="50581988"

Lumbricus Rubellus chromosoom 5:

1. **glutathione transferase**

neurotransmitter

Protein ID: A0A2I7YV07

Seq: MPYKLQYFPVRGRAQALRYIVVDNDLEVQEEVINKIDWPAMKPKTPLGQLPVFHDGDLHISQSNAILRYVARKHGLFGKNDKEAALIDMINDQQEDIRQAYMHLIYQEYDTGKDAYIKNLPTQLATLEKVLGENKGGAEFFVGDKISFVDYTIFDLLDNLIILSPTCLDGFPKLKGFHSRIGSRDKIAKYRATDAFKKLPINGNGKQ

Structure:

exon e\_start="9734137" e\_stop="9734170"

exon e\_start="9734762" e\_stop="9734862"

exon e\_start="9735353" e\_stop="9735440"

exon e\_start="9735908" e\_stop="9736011"

exon e\_start="9736461" e\_stop="9736521"

exon e\_start="9737906" e\_stop="9737952"

exon e\_start="9738337" e\_stop="9738522"

1. **Lumbrokinase-P2**

Id: Lumbrokinase-P2

Seq:

MRILLLLCLALPAFGSGVNQHVVGGSDTTIGQYPHQLSLRVTGSHSCGASLIGTTRAVTAAHCTGSAIGVYTILGGTTDRTVTNCATCVLRDLNFLNRHPQYDENGNGYPNDVAVIGFAAVATNTNLQTISLATPSDGSFAGDTGVITGWGKTASIGGIPDILQMATMNVITNADCAGTWGALSINDGHICVSAVGRSACSGDSGGPLECGNTLAGATSWGQASCDPSYPSVYTRISYFYSWIIAQ

Strucure:

exon e\_start="14231925" e\_stop="14231900"

exon e\_start="14231765" e\_stop="14231589"

exon e\_start="14230279" e\_stop="14230189"

exon e\_start="14227391" e\_stop="14227220"

exon e\_start="14226564" e\_stop="14226428"

exon e\_start="14225704" e\_stop="14225570"

1. **Fibrinolytic protease**

Id: Q0PGR9

Seq: VVGGSDTTIGQYPHQLSLRVTGSHSCGASLIGTTRAVTAAHCTGSAIAVYSILGGTTDRTVTNCATCVLRDLNFLNRHPAYDGNAPGYPNDVAVIGFAAVATNTNLQAISLATPSDGNFAGDSCVITGWGQTGSIGGLPDALQLATMNVLTNADCTNTWGAVRINDGHICVSAAGRSACSGDSGGPLECSNRLAGATSWGEASCDPSYPSVYTRVSYFYTWIIAQ

Structure:

exon e\_start="14231728" e\_stop="14231589"

exon e\_start="14230279" e\_stop="14230189"

exon e\_start="14227391" e\_stop="14227220"

exon e\_start="14226564" e\_stop="14226428"

exon e\_start="14225704" e\_stop="14225570"

**4. actine verwante prtoeïnen**

A0A287AVS8 Actin, aortic smooth muscle, P92176 Actin-2, P92182 Actin-1,

E9KJS6 Beta-actin, P91754 Actin

1. **Calcium-transporting ATPase**

Id: D0EXD5

Prot seq:

MEEAHTKPSDEVLHYFQTDENVGLDDDQIKRYQEKYGPNELPAEEGKSLWELVLEQFDDLLVKILLLAAIISFVLAWFEDSEEQVTAFVEPFVILLILIANAIVGVWQERNAESAIEALKEYEPEIAKVIRKNHRGIQRIKARDLVPGDIVDVSVGDKVPADVRLIKILSTTLRVDQAILTGESVSVLKHTDAIPDPRAVNQDKKNVLFSGTNIAAGKSRGVVIGTGLNTQIGKIRTEMCETETEKTPLQQKLDEFGQQLSKVITLVCIAVWAINIGHFNDPAHGGSWLKGAVYYFKIAVALAVAAIPEGLPAVITTCLALGTRRMAKKNAIVRSLPSVETLGCTSVICSDKTGTLTTNQMSVCRMFIFGKAADGLSTTQFEITGSTYAPEGEVFKDGKVVKTGDYDGLVELATICSLCNDSSVDFNEAKGVYEKVGEATETALTILVEKMNPYTLEKSGIKPKELGTLCNQHIQSMWRKDFTLEFSRDRKSMSSYVHPLKPTKLSAGVKQFVKGAPEGVLDRCTFVRVGTEKVPMTPALKAEIYKQVKFYGTGRDTLRCLALATIDAPLKKEEMDLEDSTKFVRFETNCTFVGVVGMLDPPRKEVISAIKECRLAGIRVIVITGDNKATAEAICRRIGVFSETESTDGKSYTGREFDDLSPQDQAAAVKHARLFARVEPAHKSKIVDFLQAAGEISAMTGDGVNDAPALKKADIGIAMGSGTAVAKSASEMVLADDNFSTIVSAVEEGRAIYNNMKQFIRYLISSNIGEVVCIFLTAALGMPEALIPVQLLWVNLVTDGLPATALGFNPPDLEIMNKPPRSAREPLISRWLFFRYMAIGGYVGAATVGAAAWWFTSYEEGPQLNFYQLTHHMQCLVQDERFKGIDCEVFDNPKPKSMALSVLVVIEIFNALNSISENQSLTLMPPWYNKWLLGAIALSMSLHFMILEVDFLSAVFQITPLNIEEWLAVLKISFPVILIDEVLKFIARRFTDIAIARDPMSEKN

Strucure:

exon e\_start="21347471" e\_stop="21347451"

exon e\_start="21347170" e\_stop="21347088"

exon e\_start="21342979" e\_stop="21342875"

exon e\_start="21341832" e\_stop="21341694"

exon e\_start="21341246" e\_stop="21341166"

exon e\_start="21340538" e\_stop="21340453"

exon e\_start="21339765" e\_stop="21339699"

exon e\_start="21339189" e\_stop="21339101"

exon e\_start="21337846" e\_stop="21337763"

exon e\_start="21337251" e\_stop="21337027"

exon e\_start="21336231" e\_stop="21336143"

exon e\_start="21335863" e\_stop="21335761"

exon e\_start="21335160" e\_stop="21334903"

exon e\_start="21334322" e\_stop="21334205"

exon e\_start="21333581" e\_stop="21333481"

exon e\_start="21333011" e\_stop="21332889"

exon e\_start="21332315" e\_stop="21332103"

exon e\_start="21331601" e\_stop="21331092"

exon e\_start="21323844" e\_stop="21323711"

exon e\_start="21320651" e\_stop="21320534"

exon e\_start="21319574" e\_stop="21319421"

1. **Alpha actinin**

Alfa-actinin komt vooral tot expressie in snelle vezels van skeletspieren en is een structureel onderdeel van de Z-schijf van sarcomeren van myofibrillen. Dit eiwit is betrokken bij de binding van actinefilamenten, die een sleutelrol spelen in het contractiele apparaat van spiercellen en zorgen voor spierkracht.

A0A0B5JCC5

Protein seq:

A0A0B5JCC5|\

strucutre

MYQDGIPPGYYQDEYMEQEDVWEREGLLDPACEEQQKKTFTAWCNSHLRKAGTQIENIEEDFRNGLKLMLLLEVISGEQLPKPDRGKMRIHKLSNVNKALQFIESKGVRLVSIGSEEIVDGNLKMTLGMIWTIILRFAIQDISVEEMTAKEGLLLWCQRKTAPYKNVNVQNFHLSFKDGLAFCALIHRHRPELLDYNKLSKDNPLYNLNLAFDVAEKYLDIPRMLDAEDMVNSVKPDERSVMTYVSAYYHAFAGAQQAETAANRICKVLKINQENERLMEEYERMASDLLEWIRRTRPWLENRTTDNTIPGTRRKLAEFRDYSRAHKPPKVEEKAKLESTFNTLQTRLRLSNRPAYMPTEGKMVSDIANAWKGLENAEKGFEDWLLSELQRLERLDHLAQKFKLKCDIHEEWSVGKEDMLQAQDFKKSRLSDLKALRKRHEAFEGDLASHQERVEQIAAIAQELNALGYHDVKSVNSRCQRICDQWDLLGTLSQQRRNALEEAEQILEKIDHLHQEFARRAAPFNNWLDGAKEDLVDMFIVHTVEEIQRLNDSHDQFKLTLTEADKEFNGIIGLPNEIIRISQQYGITGGYENPYSFITGQDLANRWHEVKQLVPDRDQTLHNELLRQQNNERLRRAFAQKANVVGQWIERHLDAIASAAVQKGKLEDQLIRLKAIDKRGCGFQPSFDELETIHHKILEAMIFDTCHTPYTMETLRVGWEQLVTSSYRSINETENQILTRDSKGITNQQLEEFRRSFLHFDKSRTRRLEPKDFKSCLISLGYNIKDDRQGEADFQRIMSVVDPNNFGFVTFEAFLDFMTREATDNDTAEQVMQSFRVLAGDQNYITADILRRELPPDQAEYCIRRMAPYVGRDSVPGALDYRSFSAALYGESDL

Voor de volgende chromosomen 6-18 is er een lijst van eiwitten die een rol spelen bij motorische functies. Voor meer informatie, zoals genoomcoördinaten en sequenties, wordt verwezen naar de alignementresultaten. (map proteomAnalyse)

Lumbricus Terrestris, chromosoom 6:

Q86LM4|Q86LM4\_9ANNE Gbx-type homeodomain-containing protein

Q8MWT1\_9ANNE Hox17

GELS1\_LUMTE Gelsolin-like protein\*

\*Dit eiwit is betrokken bij hermodellering van actinenetwerken.

In zenuwweefsel is gelsoline bijvoorbeeld betrokken bij de beweging van lamellaire uitgroeisels die de axonen van myelinevormende cellen omhullen, waarbij actinepolymerisatie wordt gemoduleerd. Ook scheurt een gelsoline-achtig eiwit met een molecuulmassa van ongeveer 85 kDa, geïsoleerd uit skeletspieren van ratten, efficiënt actinefilamenten en bevordert het de nucleatie van actinepolymerisatie. De rol van gelsoline-achtige eiwitten is dus het reguleren van de processen die gepaard gaan met celbeweging en vormverandering.

Q8N6N5|Q8N6N5\_HUMAN Tubulin beta chain

O15991|KLOM\_EISFE Lombricine kinase

Q25421\_LUMTE Intermediate filament protein

A0A221SLX1|A0A221SLX1\_LUMRU ABC transporter

A0A2I7YUY6\_EISFE Piwi2

A0A9E9FXK7\_9ANNE Peptidoglycan recognition protein

A0A024R324\_HUMAN Transforming protein RhoA

A0A2I7YV08\_EISFE NAD(+) ADP-ribosyltransferase

46137\_LUMRU Chymotrysin

HOX 01, HOX 02, HOX 03, HOX 11, HOX 12

Q5SU16\_HUMAN Tubulin beta chain

Lumbricus Rubellus , chromosoom 6:

Q7JQD3|GELS1\_LUMTE Gelsolin-like protein 1

Q8N6N5\_HUMAN Tubulin beta chain

KLOM\_EISFE Lombricine kinase

Q25421\_LUMTE Intermediate filament protein

9ANNE Peptidoglycan-recognition protein

SLX2\_EISFE ABC transporter

A0A2I7YUY6\_EISFE Piwi2

9BLI8\_LUMRU Fibrinolytic enzyme

O46137\_LUMRU Chymotrysin

Q5SU16\_HUMAN Tubulin beta chain

HOX11, 12

Lumbricus Rubellus , chromosoom 7:

Q2I6A0\_EISFE Protein kinase C1

E9NPR6\_EISFE Heat shock protein 70

D0EXD5\_LUMRU Calcium-transporting ATPase

P19483|ATPA\_BOVIN ATP synthase subunit alpha, mitochondrial

Q6IPT9\_HUMAN Elongation factor 1-alpha

Q96RE1\_HUMAN Translation elongation factor 1 alpha 1-like 14

8IUB0\_HUMAN CTCL tumor antigen HD-CL-08 OS=Homo sapiens

Lumbricus Rubellus , chromosoom 8:

Q8MWT3\_9ANNE Hox15

D1MJA9\_EISFE Peptidyl-prolyl cis-trans isomerase

A0A287BHE7\_PIG Small ribosomal subunit protein uS11

O96048\_LUMTE 29-kDa galactose-binding lectin

GLB3\_LUMTE Extracellular globin-3

Lumbricus Rubellus , chromosoom 9:

C0MP64\_LUMRU Water and ammonia transporting aquaporin

D0EXD5\_LUMRU Calcium-transporting ATPase

A0A2I7YV17\_EISFE DNA(Cytosine-5)-methyltransferase 3B

A8K7B7\_HUMAN Protein phosphatase 2 (Formerly 2A), regulatory subunit A

A0A2I7YV82\_EISFE Adiponectin

Lumbricus Rubellus , chromosoom 10:

Q6FI37\_HUMAN Isocitrate dehydrogenase

A0A287AVS8\_PIG Actin, aortic smooth muscle

P92182|ACT1\_LUMTE Actin-1 OS=Lumbricus terrestris

P92176|ACT2\_LUMTE Actin-2 OS=Lumbricus terrestris

Q5UGI3\_HUMAN Ubiquitin C splice variant

Q7M3Q0\_LUMRU Alkaline trypsin-like serine proteinase

Lumbricus Rubellus , chromosoom 11:

Q8N6N5\_HUMAN Tubulin beta chain

P91755\_LUMRU Preprocarboxypeptidase

Q499G7\_HUMAN Mitogen-activated protein kinase

Q9GRJ2\_LUMRU Actin-related protein 2/3 complex subunit 5

A0A173N065\_EISFE Alpha-amylase

Lumbricus Rubellus , chromosoom 12:

A0A0P0YK20\_EISFE Endoglucanase

O01357\_LUMRU Aminopeptidase

Q8IT81\_EISFE Myosin essential light chain

Lumbricus Rubellus , chromosoom 13:

A0A024R324\_HUMAN Transforming protein RhoA

Q5U5U6\_HUMAN Epididymis secretory protein Li 50

Lumbricus Rubellus , chromosoom 14:

Q8MWU0\_9ANNE Hox08

A8K517\_HUMAN Small ribosomal subunit protein uS12

Lumbricus Rubellus , chromosoom 15:

P92182|ACT1\_LUMTE Actin-1

ACT2\_LUMTE Actin-2 OS=Lumbricus terrestris

E9KJS6\_9ANNE Beta-actin (Fragment)

A0A1B1HY04\_LUMTE Sarcoplasmic calcium binding protein isoform 2

|Q7YWL7\_LUMTE Putative SCBP2 protein

B8YCQ7\_9ANNE Ferritin

E9KJS6\_9ANNE Beta-actin

Lumbricus Rubellus , chromosoom 16:

A1YB06\_9ANNE Calreticulin

B3F0K8\_EISFE glutathione gamma-glutamylcysteinyltransferase

Q6IPT9\_HUMAN Elongation factor 1-alpha

Q8IUB0\_HUMAN CTCL tumor antigen HD-CL-08

V9GWB3\_LUMTE Collagen type IV

A0A221SLX1\_LUMRU ABC transporter

Lumbricus Rubellus , chromosoom 17:

A0A2I7YV05\_EISFE Ecdysone receptor

I1VH49\_9ANNE Iron regulatory protein

F1RGQ5\_PIG E2 ubiquitin-conjugating

**Mitochondrial DNA**

**1. Cytochrome c oxidase subunit 3**

Cytochrome c oxidasa is betrokken bij het creëren van een protonengradiënt voor ATP-synthese. Cytochroomoxidase draagt bij aan dit proces en maakt deel uit van de oxidatieve fosforyleringsroute.

Lumbricus Terrestris

Protein ID: A0A6B9ISG0

Protein Seq : MIRQPFHLVEYSPWPLTSSMGAFTLAIGLASWFHNHGTICLFTASILIIISMIQWWRDVIREGTFLGHHTSHVTTGLRWGMILFITSEVMFFLAFFWAFFHSSLAPTPEIGCCWPPSGIHPLNPFSVPLLNTAVLLASGVTVTWAHHSLMEGNRTNALQALLITVMLGAYFTFLQAGEYLAAPFSIADSVYGTTFFVATGFHGLHVLIGSSFLLICLIRTWAHHFSAGHHFGFEAAAWYWHFVDVVWICLYLCIYWWGS

Structure:

exon e\_start="3" e\_stop="737"

**2. NADH dehydrogenase subunit 6**

Het copmplex is betrokken bij de overdracht van waterstofprotonen over het binnenste mitochondriale membraan tegen een concentratiegradiënt in. De elektrochemische potentiaal die tijdens de reactie wordt gegenereerd, wordt gebruikt voor ATP-synthese. NADH dehydrogenase is dus betrokken bij de opwekking van energie die nodig is voor cellulaire processen, waaronder spierbeweging.(uniprot n.d.-c)

Protein ID: A0A6B9F359

Structure:

exon e\_start="809" e\_stop="1279"

**3. NADH-ubiquinone oxidoreductase**

Het enzym maakt twee elektronen vrij bij oxidatie van NADH. De potentiële energie die vrijkomt bij deze redoxreacties wordt gebruikt om protonen door het binnenste mitochondriale membraan te transporteren, wat de ATP-synthese ondersteunt.

Protein ID: Q34944

Protein seq:

MILTSFMLMMIATTFTLYLASTPIVLGVNILMMALLLASTFASFMSSWFAFLIFLIYIGGMLVMFAYFLALTPNQQISNFNIMPYALITLLTFSALTYTTNIKIPTFSDISQGNSILYMSSTAPFLILLALILLLTMVIVVKLTSRSSGPLRPFSP

Structure:

exon e\_start="809" e\_stop="1276"

1. **ATP synthase subunit a**

Haar functie om te zorgen voor hechting aan het membraan van de F1-component. F1 gebruikt de energie van de protonengradiënt om ATP te synthetiseren.

Protein ID : Q34946

Protein seq:

MMPDIFSSFDPYMFNTLFPLNSLFLVTNTAIILMIQSSFWVLNARTSAFKSPVNDTIFTQLSRTSTTHLKGLSTPLSTIFFMLVMINLMGLIPYMFSTSSHLVFTLSLGFPIWLSLMISTFAHSPKKSTAHFLPDGAPDWLNPFLVLIETTSVFVRPLTLSFRLAANMSAGHIVLSLMGIYCAAAWFSSVSSTALLILTAIGYILFEVAICLIQAYIFCLLLSLYSDDHAH

exon e\_start="2958" e\_stop="3650"

## Coclusie

De functionele activiteit van spieren hangt sterk af van mitochondriën en het sarcoplasmatisch reticulum. Mitochondriën zijn vooral bekend om hun hoge activiteit van oxidatiereductie-enzymen.

Mitochondriaal DNA bevat genen die betrokken zijn bij ATP-synthese en proton gradiënt energieopwekking: ATP synthase, NADH-ubiquinone oxidoreductase, NADH dehydrogenase, Cytochrome c oxidase.

Het sarcoplasmatisch reticulum heeft eiwitten die calciumionen (Ca2+) kunnen binden, zoals calmoduline, calreticulin. Calreticulin is regelt Ca2+-afhankelijke signaleringsprocessen.

In het genoom zitten genen die belangrijk zijn voor spierbeweging, zoals actine en eiwitten gerelateerd aan actine(Actine, actine-1, actine-2, beta-actine), myosine en tubuline. Ook zijn er genen die het membraanpotentiaal reguleren, zoals NaK-ATPase, NADH dehydrogenase, Gelsolin-like protein, Calcium-transporting ATPase, Sarcoplasmic calcium binding protein. Analogen van deze eiwitten zitten in het menselijk genoom

### Bijlage

een lijst van genen die betrokken zijn bij motorische functies(Het Human Skeletspier Proteoom Projectm, (Gonzalez‐Freire et al. 2017) )

|  |  |
| --- | --- |
| Legend |  |
| X: present |  |
| Compiled Skeletal Muscle Proteome | |
| UniprotID | Protein names |
| S12A8\_HUMAN | Solute carrier family 12 member 8 (Cation-chloride cotransporter 9) |
| FR1L5\_HUMAN | Fer-1-like protein 5 |
| UBA6\_HUMAN | Ubiquitin-like modifier-activating enzyme 6 (Ubiquitin-activating enzyme 6) (Monocyte protein 4) (MOP-4) (Ubiquitin-activating enzyme E1-like protein 2) (E1-L2) |
| ESYT2\_HUMAN | Extended synaptotagmin-2 (E-Syt2) (Chr2Syt) |
| LAC7\_HUMAN | Ig lambda-7 chain C region |
| DHR12\_HUMAN | Dehydrogenase/reductase SDR family member 12 (EC 1.1.-.-) (Short-chain dehydrogenase/reductase family 40C member 1) |
| RHG10\_HUMAN | Rho GTPase-activating protein 10 (GTPase regulator associated with focal adhesion kinase 2) (Graf-related protein 2) (Rho-type GTPase-activating protein 10) |
| ARH37\_HUMAN | Rho guanine nucleotide exchange factor 37 |
| ILVBL\_HUMAN | Acetolactate synthase-like protein (EC 2.2.1.-) (IlvB-like protein) |
| CQ089\_HUMAN | Uncharacterized protein C17orf89 |
| FSD2\_HUMAN | Fibronectin type III and SPRY domain-containing protein 2 (SPRY domain-containing protein 1) |
| F92A1\_HUMAN | Protein FAM92A1 |
| FRMD3\_HUMAN | FERM domain-containing protein 3 (Band 4.1-like protein 4O) (Ovary type protein 4.1) (4.1O) |
| PIPSL\_HUMAN | Putative PIP5K1A and PSMD4-like protein (PIP5K1A-PSMD4) |
| NBAS\_HUMAN | Neuroblastoma-amplified sequence (Neuroblastoma-amplified gene protein) |
| SYTC2\_HUMAN | Probable threonine--tRNA ligase 2, cytoplasmic (EC 6.1.1.3) (Threonyl-tRNA synthetase) (ThrRS) (Threonyl-tRNA synthetase-like protein 2) |
| CCD66\_HUMAN | Coiled-coil domain-containing protein 66 |
| MBPHL\_HUMAN | Myosin-binding protein H-like |
| VWA8\_HUMAN | von Willebrand factor A domain-containing protein 8 |
| LAMB4\_HUMAN | Laminin subunit beta-4 (Laminin beta-1-related protein) |
| CPED1\_HUMAN | Cadherin-like and PC-esterase domain-containing protein 1 |
| KLRG2\_HUMAN | Killer cell lectin-like receptor subfamily G member 2 (C-type lectin domain family 15 member B) |
| XIRP2\_HUMAN | Xin actin-binding repeat-containing protein 2 (Beta-xin) (Cardiomyopathy-associated protein 3) (Xeplin) |
| POTEF\_HUMAN | POTE ankyrin domain family member F (ANKRD26-like family C member 1B) (Chimeric POTE-actin protein) |
| FITM1\_HUMAN | Fat storage-inducing transmembrane protein 1 (Fat-inducing protein 1) |
| VP37C\_HUMAN | Vacuolar protein sorting-associated protein 37C (hVps37C) (ESCRT-I complex subunit VPS37C) |
| CC151\_HUMAN | Coiled-coil domain-containing protein 151 |
| CFA69\_HUMAN | Cilia- and flagella-associated protein 69 |
| CNOT1\_HUMAN | CCR4-NOT transcription complex subunit 1 (CCR4-associated factor 1) (Negative regulator of transcription subunit 1 homolog) (NOT1H) (hNOT1) |
| CRNS1\_HUMAN | Carnosine synthase 1 (EC 6.3.2.11) (ATP-grasp domain-containing protein 1) |
| CC88B\_HUMAN | Coiled-coil domain-containing protein 88B (Brain leucine zipper domain-containing protein) (Hook-related protein 3) (HkRP3) |
| U17L3\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 17-like protein 3 (EC 3.4.19.12) (Deubiquitinating enzyme 17-like protein 3) (Ubiquitin thioesterase 17-like protein 3) (Ubiquitin-specific-processing protease 17-like protein 3) |
| PGP\_HUMAN | Phosphoglycolate phosphatase (PGP) (PGPase) (EC 3.1.3.18) (EC 3.1.3.48) |
| PSAL\_HUMAN | Puromycin-sensitive aminopeptidase-like protein (EC 3.4.11.-) |
| PLHD1\_HUMAN | Pleckstrin homology domain-containing family D member 1 (PH domain-containing family D member 1) |
| CC42B\_HUMAN | Coiled-coil domain-containing protein 42B |
| WIPF3\_HUMAN | WAS/WASL-interacting protein family member 3 (Corticosteroids and regional expression protein 16 homolog) |
| ZSA5C\_HUMAN | Putative zinc finger and SCAN domain-containing protein 5C (Zinc finger and SCAN domain-containing protein 5C pseudogene) |
| DC8L1\_HUMAN | DDB1- and CUL4-associated factor 8-like protein 1 (WD repeat-containing protein 42B) |
| DDTL\_HUMAN | D-dopachrome decarboxylase-like protein (EC 4.1.1.-) (D-dopachrome tautomerase-like protein) |
| FBLL1\_HUMAN | rRNA/tRNA 2'-O-methyltransferase fibrillarin-like protein 1 (EC 2.1.1.-) (Protein-glutamine methyltransferase) |
| GATL2\_HUMAN | GATS-like protein 2 |
| LR14B\_HUMAN | Leucine-rich repeat-containing protein 14B |
| IV4F8\_HUMAN | Putative V-set and immunoglobulin domain-containing-like protein IGHV4OR15-8 (Immunoglobulin heavy variable 4 orphon 15-8) (Putative V-set and immunoglobulin domain-containing protein 6) |
| ARGFX\_HUMAN | Arginine-fifty homeobox |
| S22AK\_HUMAN | Solute carrier family 22 member 20 (Organic anion transporter 6) |
| CC070\_HUMAN | UPF0524 protein C3orf70 |
| I4E1B\_HUMAN | Eukaryotic translation initiation factor 4E type 1B |
| AXA2L\_HUMAN | Putative annexin A2-like protein (Annexin A2 pseudogene 2) (Lipocortin II pseudogene) |
| CO6A6\_HUMAN | Collagen alpha-6(VI) chain |
| ZN726\_HUMAN | Zinc finger protein 726 |
| DRS7C\_HUMAN | Dehydrogenase/reductase SDR family member 7C (EC 1.1.-.-) (Short-chain dehydrogenase/reductase family 32C member 2) |
| CP096\_HUMAN | Uncharacterized protein C16orf96 |
| MYH7B\_HUMAN | Myosin-7B (Antigen MLAA-21) (Myosin cardiac muscle beta chain) (Myosin heavy chain 7B, cardiac muscle beta isoform) (Slow A MYH14) |
| LYRM9\_HUMAN | LYR motif-containing protein 9 |
| SMTL1\_HUMAN | Smoothelin-like protein 1 |
| YD021\_HUMAN | Putative uncharacterized protein ENSP00000382790 |
| BTNLA\_HUMAN | Butyrophilin-like protein 10 |
| P20L1\_HUMAN | PHD finger protein 20-like protein 1 |
| RUXGL\_HUMAN | Putative small nuclear ribonucleoprotein G-like protein 15 |
| NUD19\_HUMAN | Nucleoside diphosphate-linked moiety X motif 19 (Nudix motif 19) (EC 3.6.1.-) |
| CD15L\_HUMAN | CMT1A duplicated region transcript 15 protein-like protein |
| EVPLL\_HUMAN | Envoplakin-like protein |
| PRR33\_HUMAN | Proline-rich protein 33 |
| AHRR\_HUMAN | Aryl hydrocarbon receptor repressor (AhR repressor) (AhRR) (Class E basic helix-loop-helix protein 77) (bHLHe77) |
| HACD1\_HUMAN | Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 1 (EC 4.2.1.134) (3-hydroxyacyl-CoA dehydratase 1) (HACD1) (Cementum-attachment protein) (CAP) (Protein-tyrosine phosphatase-like member A) |
| WDR64\_HUMAN | WD repeat-containing protein 64 |
| HGB1A\_HUMAN | Putative high mobility group protein B1-like 1 (High mobility group protein B1 pseudogene 1) (Putative high mobility group protein 1-like 1) (HMG-1L1) |
| CQ105\_HUMAN | Uncharacterized protein C17orf105 |
| TDR15\_HUMAN | Tudor domain-containing protein 15 |
| GPHRA\_HUMAN | Golgi pH regulator A (Protein GPR89A) (Putative MAPK-activating protein PM01) (Putative NF-kappa-B-activating protein 90) |
| IGLL5\_HUMAN | Immunoglobulin lambda-like polypeptide 5 (G lambda-1) (Germline immunoglobulin lambda 1) |
| RAS4B\_HUMAN | Ras GTPase-activating protein 4B |
| HSBPL\_HUMAN | Heat shock factor-binding protein 1-like protein 1 |
| AK1BF\_HUMAN | Aldo-keto reductase family 1 member B15 (EC 1.1.1.-) (Estradiol 17-beta-dehydrogenase AKR1B15) (EC 1.1.1.62) |
| PP5D1\_HUMAN | Protein PPP5D1 (PPP5 TPR repeat domain-containing protein 1) |
| PROB1\_HUMAN | Proline-rich basic protein 1 |
| NACAM\_HUMAN | Nascent polypeptide-associated complex subunit alpha, muscle-specific form (Alpha-NAC, muscle-specific form) (skNAC) |
| SO1B7\_HUMAN | Putative solute carrier organic anion transporter family member 1B7 (Liver-specific organic anion transporter 3) (LST-3) |
| ADAS\_HUMAN | Alkyldihydroxyacetonephosphate synthase, peroxisomal (Alkyl-DHAP synthase) (EC 2.5.1.26) (Aging-associated gene 5 protein) (Alkylglycerone-phosphate synthase) |
| KITM\_HUMAN | Thymidine kinase 2, mitochondrial (EC 2.7.1.21) (Mt-TK) |
| DX39A\_HUMAN | ATP-dependent RNA helicase DDX39A (EC 3.6.4.13) (DEAD box protein 39) (Nuclear RNA helicase URH49) |
| PDLI1\_HUMAN | PDZ and LIM domain protein 1 (C-terminal LIM domain protein 1) (Elfin) (LIM domain protein CLP-36) |
| MYO1C\_HUMAN | Unconventional myosin-Ic (Myosin I beta) (MMI-beta) (MMIb) |
| SNP23\_HUMAN | Synaptosomal-associated protein 23 (SNAP-23) (Vesicle-membrane fusion protein SNAP-23) |
| HAX1\_HUMAN | HCLS1-associated protein X-1 (HS1-associating protein X-1) (HAX-1) (HS1-binding protein 1) (HSP1BP-1) |
| PLM\_HUMAN | Phospholemman (FXYD domain-containing ion transport regulator 1) |
| AIP\_HUMAN | AH receptor-interacting protein (AIP) (Aryl-hydrocarbon receptor-interacting protein) (HBV X-associated protein 2) (XAP-2) (Immunophilin homolog ARA9) |
| GTPB1\_HUMAN | GTP-binding protein 1 (G-protein 1) (GP-1) (GP1) |
| STXB3\_HUMAN | Syntaxin-binding protein 3 (Platelet Sec1 protein) (PSP) (Protein unc-18 homolog 3) (Unc18-3) (Protein unc-18 homolog C) (Unc-18C) |
| ARVC\_HUMAN | Armadillo repeat protein deleted in velo-cardio-facial syndrome |
| SMAP\_HUMAN | Small acidic protein |
| AP3B1\_HUMAN | AP-3 complex subunit beta-1 (Adaptor protein complex AP-3 subunit beta-1) (Adaptor-related protein complex 3 subunit beta-1) (Beta-3A-adaptin) (Clathrin assembly protein complex 3 beta-1 large chain) |
| NDUS8\_HUMAN | NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23kD) (CI-23kD) (NADH-ubiquinone oxidoreductase 23 kDa subunit) (TYKY subunit) |
| PSD11\_HUMAN | 26S proteasome non-ATPase regulatory subunit 11 (26S proteasome regulatory subunit RPN6) (26S proteasome regulatory subunit S9) (26S proteasome regulatory subunit p44.5) |
| PSD12\_HUMAN | 26S proteasome non-ATPase regulatory subunit 12 (26S proteasome regulatory subunit RPN5) (26S proteasome regulatory subunit p55) |
| PSMD9\_HUMAN | 26S proteasome non-ATPase regulatory subunit 9 (26S proteasome regulatory subunit p27) |
| RN103\_HUMAN | E3 ubiquitin-protein ligase RNF103 (EC 6.3.2.-) (KF-1) (hKF-1) (RING finger protein 103) (Zinc finger protein 103 homolog) (Zfp-103) |
| ATOX1\_HUMAN | Copper transport protein ATOX1 (Metal transport protein ATX1) |
| PGRC1\_HUMAN | Membrane-associated progesterone receptor component 1 (mPR) |
| DFFA\_HUMAN | DNA fragmentation factor subunit alpha (DNA fragmentation factor 45 kDa subunit) (DFF-45) (Inhibitor of CAD) (ICAD) |
| CLIC1\_HUMAN | Chloride intracellular channel protein 1 (Chloride channel ABP) (Nuclear chloride ion channel 27) (NCC27) (Regulatory nuclear chloride ion channel protein) (hRNCC) |
| EIF3F\_HUMAN | Eukaryotic translation initiation factor 3 subunit F (eIF3f) (Deubiquitinating enzyme eIF3f) (EC 3.4.19.12) (Eukaryotic translation initiation factor 3 subunit 5) (eIF-3-epsilon) (eIF3 p47) |
| ODPX\_HUMAN | Pyruvate dehydrogenase protein X component, mitochondrial (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (E3-binding protein) (E3BP) (Lipoyl-containing pyruvate dehydrogenase complex component X) (proX) |
| DCTN6\_HUMAN | Dynactin subunit 6 (Dynactin subunit p27) (Protein WS-3) |
| WASL\_HUMAN | Neural Wiskott-Aldrich syndrome protein (N-WASP) |
| IPO5\_HUMAN | Importin-5 (Imp5) (Importin subunit beta-3) (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) |
| EF2K\_HUMAN | Eukaryotic elongation factor 2 kinase (eEF-2 kinase) (eEF-2K) (EC 2.7.11.20) (Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase) |
| SAP18\_HUMAN | Histone deacetylase complex subunit SAP18 (18 kDa Sin3-associated polypeptide) (2HOR0202) (Cell growth-inhibiting gene 38 protein) (Sin3-associated polypeptide p18) |
| EMAL1\_HUMAN | Echinoderm microtubule-associated protein-like 1 (EMAP-1) (HuEMAP-1) |
| DNM1L\_HUMAN | Dynamin-1-like protein (EC 3.6.5.5) (Dnm1p/Vps1p-like protein) (DVLP) (Dynamin family member proline-rich carboxyl-terminal domain less) (Dymple) (Dynamin-like protein) (Dynamin-like protein 4) (Dynamin-like protein IV) (HdynIV) (Dynamin-related protein 1) |
| RTCA\_HUMAN | RNA 3'-terminal phosphate cyclase (RNA cyclase) (RNA-3'-phosphate cyclase) (EC 6.5.1.4) (RNA terminal phosphate cyclase domain-containing protein 1) (RTC domain-containing protein 1) |
| GOLI4\_HUMAN | Golgi integral membrane protein 4 (Golgi integral membrane protein, cis) (GIMPc) (Golgi phosphoprotein 4) (Golgi-localized phosphoprotein of 130 kDa) (Golgi phosphoprotein of 130 kDa) |
| AGRIN\_HUMAN | Agrin [Cleaved into: Agrin N-terminal 110 kDa subunit; Agrin C-terminal 110 kDa subunit; Agrin C-terminal 90 kDa fragment (C90); Agrin C-terminal 22 kDa fragment (C22)] |
| HMGN4\_HUMAN | High mobility group nucleosome-binding domain-containing protein 4 (Non-histone chromosomal protein HMG-17-like 3) (Non-histone chromosomal protein) |
| NDUA4\_HUMAN | Cytochrome c oxidase subunit NDUFA4 (Complex I-MLRQ) (CI-MLRQ) (NADH-ubiquinone oxidoreductase MLRQ subunit) |
| PSDE\_HUMAN | 26S proteasome non-ATPase regulatory subunit 14 (EC 3.4.19.-) (26S proteasome regulatory subunit RPN11) (26S proteasome-associated PAD1 homolog 1) |
| BIN1\_HUMAN | Myc box-dependent-interacting protein 1 (Amphiphysin II) (Amphiphysin-like protein) (Box-dependent myc-interacting protein 1) (Bridging integrator 1) |
| CLD5\_HUMAN | Claudin-5 (Transmembrane protein deleted in VCFS) (TMDVCF) |
| IMA4\_HUMAN | Importin subunit alpha-4 (Importin alpha Q2) (Qip2) (Karyopherin subunit alpha-3) (SRP1-gamma) |
| PESC\_HUMAN | Pescadillo homolog |
| DLL1\_HUMAN | Delta-like protein 1 (Drosophila Delta homolog 1) (Delta1) (H-Delta-1) |
| RCAS1\_HUMAN | Receptor-binding cancer antigen expressed on SiSo cells (Cancer-associated surface antigen RCAS1) (Estrogen receptor-binding fragment-associated gene 9 protein) |
| SDCB1\_HUMAN | Syntenin-1 (Melanoma differentiation-associated protein 9) (MDA-9) (Pro-TGF-alpha cytoplasmic domain-interacting protein 18) (TACIP18) (Scaffold protein Pbp1) (Syndecan-binding protein 1) |
| NOP56\_HUMAN | Nucleolar protein 56 (Nucleolar protein 5A) |
| DDX3X\_HUMAN | ATP-dependent RNA helicase DDX3X (EC 3.6.4.13) (DEAD box protein 3, X-chromosomal) (DEAD box, X isoform) (Helicase-like protein 2) (HLP2) |
| PODXL\_HUMAN | Podocalyxin (GCTM-2 antigen) (Gp200) (Podocalyxin-like protein 1) (PC) (PCLP-1) |
| IMA3\_HUMAN | Importin subunit alpha-3 (Importin alpha Q1) (Qip1) (Karyopherin subunit alpha-4) |
| NFIB\_HUMAN | Nuclear factor 1 B-type (NF1-B) (Nuclear factor 1/B) (CCAAT-box-binding transcription factor) (CTF) (Nuclear factor I/B) (NF-I/B) (NFI-B) (TGGCA-binding protein) |
| PPP6\_HUMAN | Serine/threonine-protein phosphatase 6 catalytic subunit (PP6C) (EC 3.1.3.16) [Cleaved into: Serine/threonine-protein phosphatase 6 catalytic subunit, N-terminally processed] |
| EST2\_HUMAN | Cocaine esterase (EC 3.1.1.84) (Carboxylesterase 2) (CE-2) (hCE-2) (EC 3.1.1.1) (Methylumbelliferyl-acetate deacetylase 2) (EC 3.1.1.56) |
| F16P2\_HUMAN | Fructose-1,6-bisphosphatase isozyme 2 (FBPase 2) (EC 3.1.3.11) (D-fructose-1,6-bisphosphate 1-phosphohydrolase 2) (Muscle FBPase) |
| ACACB\_HUMAN | Acetyl-CoA carboxylase 2 (EC 6.4.1.2) (ACC-beta) [Includes: Biotin carboxylase (EC 6.3.4.14)] |
| PDXK\_HUMAN | Pyridoxal kinase (EC 2.7.1.35) (Pyridoxine kinase) |
| DHSD\_HUMAN | Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial (CybS) (CII-4) (QPs3) (Succinate dehydrogenase complex subunit D) (Succinate-ubiquinone oxidoreductase cytochrome b small subunit) (Succinate-ubiquinone reductase membrane anchor subunit) |
| ASTN1\_HUMAN | Astrotactin-1 |
| CUX2\_HUMAN | Homeobox protein cut-like 2 (Homeobox protein cux-2) |
| TRAD1\_HUMAN | TRAF-type zinc finger domain-containing protein 1 (Protein FLN29) |
| COX7R\_HUMAN | Cytochrome c oxidase subunit 7A-related protein, mitochondrial (COX7a-related protein) (Cytochrome c oxidase subunit VIIa-related protein) (EB1) |
| G3PT\_HUMAN | Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (EC 1.2.1.12) (Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2) (GAPDH-2) (Spermatogenic glyceraldehyde-3-phosphate dehydrogenase) |
| HSPB6\_HUMAN | Heat shock protein beta-6 (HspB6) (Heat shock 20 kDa-like protein p20) |
| ACPM\_HUMAN | Acyl carrier protein, mitochondrial (ACP) (CI-SDAP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) |
| UBFD1\_HUMAN | Ubiquitin domain-containing protein UBFD1 (Ubiquitin-binding protein homolog) |
| DC1I1\_HUMAN | Cytoplasmic dynein 1 intermediate chain 1 (Cytoplasmic dynein intermediate chain 1) (Dynein intermediate chain 1, cytosolic) (DH IC-1) |
| CTRO\_HUMAN | Citron Rho-interacting kinase (CRIK) (EC 2.7.11.1) (Serine/threonine-protein kinase 21) |
| COPE\_HUMAN | Coatomer subunit epsilon (Epsilon-coat protein) (Epsilon-COP) |
| CTDS2\_HUMAN | Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2 (EC 3.1.3.16) (Nuclear LIM interactor-interacting factor 2) (NLI-interacting factor 2) (Protein OS-4) (Small C-terminal domain phosphatase 2) (Small CTD phosphatase 2) (SCP2) |
| IF1AY\_HUMAN | Eukaryotic translation initiation factor 1A, Y-chromosomal (eIF-1A Y isoform) (Eukaryotic translation initiation factor 4C) (eIF-4C) |
| AP3D1\_HUMAN | AP-3 complex subunit delta-1 (AP-3 complex subunit delta) (Adaptor-related protein complex 3 subunit delta-1) (Delta-adaptin) |
| CCS\_HUMAN | Copper chaperone for superoxide dismutase (Superoxide dismutase copper chaperone) |
| ABLM1\_HUMAN | Actin-binding LIM protein 1 (abLIM-1) (Actin-binding LIM protein family member 1) (Actin-binding double zinc finger protein) (LIMAB1) (Limatin) |
| CHD2\_HUMAN | Chromodomain-helicase-DNA-binding protein 2 (CHD-2) (EC 3.6.4.12) (ATP-dependent helicase CHD2) |
| GOSR2\_HUMAN | Golgi SNAP receptor complex member 2 (27 kDa Golgi SNARE protein) (Membrin) |
| IRS4\_HUMAN | Insulin receptor substrate 4 (IRS-4) (160 kDa phosphotyrosine protein) (py160) (Phosphoprotein of 160 kDa) (pp160) |
| ABCD4\_HUMAN | ATP-binding cassette sub-family D member 4 (PMP70-related protein) (P70R) (Peroxisomal membrane protein 1-like) (PXMP1-L) (Peroxisomal membrane protein 69) (PMP69) |
| IMPA2\_HUMAN | Inositol monophosphatase 2 (IMP 2) (IMPase 2) (EC 3.1.3.25) (Inositol-1(or 4)-monophosphatase 2) (Myo-inositol monophosphatase A2) |
| MP2K7\_HUMAN | Dual specificity mitogen-activated protein kinase kinase 7 (MAP kinase kinase 7) (MAPKK 7) (EC 2.7.12.2) (JNK-activating kinase 2) (MAPK/ERK kinase 7) (MEK 7) (Stress-activated protein kinase kinase 4) (SAPK kinase 4) (SAPKK-4) (SAPKK4) (c-Jun N-terminal kinase kinase 2) (JNK kinase 2) (JNKK 2) |
| CDIPT\_HUMAN | CDP-diacylglycerol--inositol 3-phosphatidyltransferase (EC 2.7.8.11) (Phosphatidylinositol synthase) (PI synthase) (PtdIns synthase) |
| PDCD5\_HUMAN | Programmed cell death protein 5 (TF-1 cell apoptosis-related protein 19) (Protein TFAR19) |
| ANM5\_HUMAN | Protein arginine N-methyltransferase 5 (EC 2.1.1.-) (72 kDa ICln-binding protein) (Histone-arginine N-methyltransferase PRMT5) (EC 2.1.1.125) (Jak-binding protein 1) (Shk1 kinase-binding protein 1 homolog) (SKB1 homolog) (SKB1Hs) [Cleaved into: Protein arginine N-methyltransferase 5, N-terminally processed] |
| TPP1\_HUMAN | Tripeptidyl-peptidase 1 (TPP-1) (EC 3.4.14.9) (Cell growth-inhibiting gene 1 protein) (Lysosomal pepstatin-insensitive protease) (LPIC) (Tripeptidyl aminopeptidase) (Tripeptidyl-peptidase I) (TPP-I) |
| TCRG1\_HUMAN | Transcription elongation regulator 1 (TATA box-binding protein-associated factor 2S) (Transcription factor CA150) |
| NRP1\_HUMAN | Neuropilin-1 (Vascular endothelial cell growth factor 165 receptor) (CD antigen CD304) |
| TNPO2\_HUMAN | Transportin-2 (Karyopherin beta-2b) |
| APOL1\_HUMAN | Apolipoprotein L1 (Apolipoprotein L) (Apo-L) (ApoL) (Apolipoprotein L-I) (ApoL-I) |
| PSA7\_HUMAN | Proteasome subunit alpha type-7 (EC 3.4.25.1) (Proteasome subunit RC6-1) (Proteasome subunit XAPC7) |
| SCAM3\_HUMAN | Secretory carrier-associated membrane protein 3 (Secretory carrier membrane protein 3) |
| PAHX\_HUMAN | Phytanoyl-CoA dioxygenase, peroxisomal (EC 1.14.11.18) (Phytanic acid oxidase) (Phytanoyl-CoA alpha-hydroxylase) (PhyH) |
| OPLA\_HUMAN | 5-oxoprolinase (EC 3.5.2.9) (5-oxo-L-prolinase) (5-OPase) (Pyroglutamase) |
| BCKD\_HUMAN | [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial (EC 2.7.11.4) (Branched-chain alpha-ketoacid dehydrogenase kinase) (BCKD-kinase) (BCKDHKIN) |
| IFIT3\_HUMAN | Interferon-induced protein with tetratricopeptide repeats 3 (IFIT-3) (CIG49) (ISG-60) (Interferon-induced 60 kDa protein) (IFI-60K) (Interferon-induced protein with tetratricopeptide repeats 4) (IFIT-4) (Retinoic acid-induced gene G protein) (P60) (RIG-G) |
| MGST3\_HUMAN | Microsomal glutathione S-transferase 3 (Microsomal GST-3) (EC 2.5.1.18) (Microsomal GST-III) |
| TX1B3\_HUMAN | Tax1-binding protein 3 (Glutaminase-interacting protein 3) (Tax interaction protein 1) (TIP-1) (Tax-interacting protein 1) |
| LIN7A\_HUMAN | Protein lin-7 homolog A (Lin-7A) (hLin-7) (Mammalian lin-seven protein 1) (MALS-1) (Tax interaction protein 33) (TIP-33) (Vertebrate lin-7 homolog 1) (Veli-1) |
| TIM23\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim23 |
| HAT1\_HUMAN | Histone acetyltransferase type B catalytic subunit (EC 2.3.1.48) (Histone acetyltransferase 1) |
| QCR8\_HUMAN | Cytochrome b-c1 complex subunit 8 (Complex III subunit 8) (Complex III subunit VIII) (Ubiquinol-cytochrome c reductase complex 9.5 kDa protein) (Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C) |
| ML12B\_HUMAN | Myosin regulatory light chain 12B (MLC-2A) (MLC-2) (Myosin regulatory light chain 2-B, smooth muscle isoform) (Myosin regulatory light chain 20 kDa) (MLC20) (Myosin regulatory light chain MRLC2) (SHUJUN-1) |
| QCR10\_HUMAN | Cytochrome b-c1 complex subunit 10 (Complex III subunit 10) (Complex III subunit XI) (Ubiquinol-cytochrome c reductase complex 6.4 kDa protein) |
| CASQ2\_HUMAN | Calsequestrin-2 (Calsequestrin, cardiac muscle isoform) |
| HGS\_HUMAN | Hepatocyte growth factor-regulated tyrosine kinase substrate (Hrs) (Protein pp110) |
| CLGN\_HUMAN | Calmegin |
| MYPT1\_HUMAN | Protein phosphatase 1 regulatory subunit 12A (Myosin phosphatase-targeting subunit 1) (Myosin phosphatase target subunit 1) (Protein phosphatase myosin-binding subunit) |
| HNRDL\_HUMAN | Heterogeneous nuclear ribonucleoprotein D-like (hnRNP D-like) (hnRNP DL) (AU-rich element RNA-binding factor) (JKT41-binding protein) (Protein laAUF1) |
| XPO1\_HUMAN | Exportin-1 (Exp1) (Chromosome region maintenance 1 protein homolog) |
| BTAF1\_HUMAN | TATA-binding protein-associated factor 172 (EC 3.6.4.-) (ATP-dependent helicase BTAF1) (B-TFIID transcription factor-associated 170 kDa subunit) (TAF(II)170) (TBP-associated factor 172) (TAF-172) |
| AT2A1\_HUMAN | Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 (SERCA1) (SR Ca(2+)-ATPase 1) (EC 3.6.3.8) (Calcium pump 1) (Calcium-transporting ATPase sarcoplasmic reticulum type, fast twitch skeletal muscle isoform) (Endoplasmic reticulum class 1/2 Ca(2+) ATPase) |
| ZN646\_HUMAN | Zinc finger protein 646 |
| SPTN2\_HUMAN | Spectrin beta chain, non-erythrocytic 2 (Beta-III spectrin) (Spinocerebellar ataxia 5 protein) |
| MAST4\_HUMAN | Microtubule-associated serine/threonine-protein kinase 4 (EC 2.7.11.1) |
| SC16A\_HUMAN | Protein transport protein Sec16A (SEC16 homolog A) |
| AREL1\_HUMAN | Apoptosis-resistant E3 ubiquitin protein ligase 1 (EC 6.3.2.-) |
| SYNJ2\_HUMAN | Synaptojanin-2 (EC 3.1.3.36) (Synaptic inositol 1,4,5-trisphosphate 5-phosphatase 2) |
| SYNEM\_HUMAN | Synemin (Desmuslin) |
| MCF2L\_HUMAN | Guanine nucleotide exchange factor DBS (DBL's big sister) (MCF2-transforming sequence-like protein) |
| DCLK1\_HUMAN | Serine/threonine-protein kinase DCLK1 (EC 2.7.11.1) (Doublecortin domain-containing protein 3A) (Doublecortin-like and CAM kinase-like 1) (Doublecortin-like kinase 1) |
| CE290\_HUMAN | Centrosomal protein of 290 kDa (Cep290) (Bardet-Biedl syndrome 14 protein) (Cancer/testis antigen 87) (CT87) (Nephrocystin-6) (Tumor antigen se2-2) |
| ERC2\_HUMAN | ERC protein 2 |
| ANR28\_HUMAN | Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A (PP6-ARS-A) (Serine/threonine-protein phosphatase 6 regulatory subunit ARS-A) (Ankyrin repeat domain-containing protein 28) (Phosphatase interactor targeting protein hnRNP K) (PITK) |
| ARHGB\_HUMAN | Rho guanine nucleotide exchange factor 11 (PDZ-RhoGEF) |
| LSM1\_HUMAN | U6 snRNA-associated Sm-like protein LSm1 (Cancer-associated Sm-like) (Small nuclear ribonuclear CaSm) |
| FYB\_HUMAN | FYN-binding protein (Adhesion and degranulation promoting adaptor protein) (ADAP) (FYB-120/130) (p120/p130) (FYN-T-binding protein) (SLAP-130) (SLP-76-associated phosphoprotein) |
| SCAM1\_HUMAN | Secretory carrier-associated membrane protein 1 (Secretory carrier membrane protein 1) |
| SCAM2\_HUMAN | Secretory carrier-associated membrane protein 2 (Secretory carrier membrane protein 2) |
| IMA6\_HUMAN | Importin subunit alpha-6 (Karyopherin subunit alpha-5) |
| ARC1B\_HUMAN | Actin-related protein 2/3 complex subunit 1B (Arp2/3 complex 41 kDa subunit) (p41-ARC) |
| ARPC2\_HUMAN | Actin-related protein 2/3 complex subunit 2 (Arp2/3 complex 34 kDa subunit) (p34-ARC) |
| ARPC3\_HUMAN | Actin-related protein 2/3 complex subunit 3 (Arp2/3 complex 21 kDa subunit) (p21-ARC) |
| BET1\_HUMAN | BET1 homolog (hBET1) (Golgi vesicular membrane-trafficking protein p18) |
| TIF1A\_HUMAN | Transcription intermediary factor 1-alpha (TIF1-alpha) (EC 6.3.2.-) (E3 ubiquitin-protein ligase TRIM24) (RING finger protein 82) (Tripartite motif-containing protein 24) |
| AXIN1\_HUMAN | Axin-1 (Axis inhibition protein 1) (hAxin) |
| PGRC2\_HUMAN | Membrane-associated progesterone receptor component 2 (Progesterone membrane-binding protein) (Steroid receptor protein DG6) |
| BRAC\_HUMAN | Brachyury protein (Protein T) |
| SMAD9\_HUMAN | Mothers against decapentaplegic homolog 9 (MAD homolog 9) (Mothers against DPP homolog 9) (Madh6) (SMAD family member 9) (SMAD 9) (Smad9) |
| RGL2\_HUMAN | Ral guanine nucleotide dissociation stimulator-like 2 (RalGDS-like 2) (RalGDS-like factor) (Ras-associated protein RAB2L) |
| PFD6\_HUMAN | Prefoldin subunit 6 (Protein Ke2) |
| GNPAT\_HUMAN | Dihydroxyacetone phosphate acyltransferase (DAP-AT) (DHAP-AT) (EC 2.3.1.42) (Acyl-CoA:dihydroxyacetonephosphateacyltransferase) (Glycerone-phosphate O-acyltransferase) |
| LAMA5\_HUMAN | Laminin subunit alpha-5 (Laminin-10 subunit alpha) (Laminin-11 subunit alpha) (Laminin-15 subunit alpha) |
| CASC3\_HUMAN | Protein CASC3 (Cancer susceptibility candidate gene 3 protein) (Metastatic lymph node gene 51 protein) (MLN 51) (Protein barentsz) (Btz) |
| RT12\_HUMAN | 28S ribosomal protein S12, mitochondrial (MRP-S12) (S12mt) (MT-RPS12) |
| NDUA1\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1 (Complex I-MWFE) (CI-MWFE) (NADH-ubiquinone oxidoreductase MWFE subunit) |
| CLIC2\_HUMAN | Chloride intracellular channel protein 2 (XAP121) |
| RER1\_HUMAN | Protein RER1 |
| SURF4\_HUMAN | Surfeit locus protein 4 |
| ATX7\_HUMAN | Ataxin-7 (Spinocerebellar ataxia type 7 protein) |
| TELT\_HUMAN | Telethonin (Titin cap protein) |
| OGT1\_HUMAN | UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (EC 2.4.1.255) (O-GlcNAc transferase subunit p110) (O-linked N-acetylglucosamine transferase 110 kDa subunit) (OGT) |
| PPM1G\_HUMAN | Protein phosphatase 1G (EC 3.1.3.16) (Protein phosphatase 1C) (Protein phosphatase 2C isoform gamma) (PP2C-gamma) (Protein phosphatase magnesium-dependent 1 gamma) |
| SHIP2\_HUMAN | Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2 (EC 3.1.3.86) (Inositol polyphosphate phosphatase-like protein 1) (INPPL-1) (Protein 51C) (SH2 domain-containing inositol 5'-phosphatase 2) (SH2 domain-containing inositol phosphatase 2) (SHIP-2) |
| EIF3D\_HUMAN | Eukaryotic translation initiation factor 3 subunit D (eIF3d) (Eukaryotic translation initiation factor 3 subunit 7) (eIF-3-zeta) (eIF3 p66) |
| EIF3H\_HUMAN | Eukaryotic translation initiation factor 3 subunit H (eIF3h) (Eukaryotic translation initiation factor 3 subunit 3) (eIF-3-gamma) (eIF3 p40 subunit) |
| BCAT2\_HUMAN | Branched-chain-amino-acid aminotransferase, mitochondrial (BCAT(m)) (EC 2.6.1.42) (Placental protein 18) (PP18) |
| NCAM2\_HUMAN | Neural cell adhesion molecule 2 (N-CAM-2) (NCAM-2) |
| IPO8\_HUMAN | Importin-8 (Imp8) (Ran-binding protein 8) (RanBP8) |
| STX7\_HUMAN | Syntaxin-7 |
| MOT4\_HUMAN | Monocarboxylate transporter 4 (MCT 4) (Solute carrier family 16 member 3) |
| P4HA2\_HUMAN | Prolyl 4-hydroxylase subunit alpha-2 (4-PH alpha-2) (EC 1.14.11.2) (Procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-2) |
| MAGB2\_HUMAN | Melanoma-associated antigen B2 (Cancer/testis antigen 3.2) (CT3.2) (DSS-AHC critical interval MAGE superfamily 6) (DAM6) (MAGE XP-2 antigen) (MAGE-B2 antigen) |
| YKT6\_HUMAN | Synaptobrevin homolog YKT6 (EC 2.3.1.-) |
| ARPC5\_HUMAN | Actin-related protein 2/3 complex subunit 5 (Arp2/3 complex 16 kDa subunit) (p16-ARC) |
| DDX3Y\_HUMAN | ATP-dependent RNA helicase DDX3Y (EC 3.6.4.13) (DEAD box protein 3, Y-chromosomal) |
| PDPK1\_HUMAN | 3-phosphoinositide-dependent protein kinase 1 (hPDK1) (EC 2.7.11.1) |
| TPSN\_HUMAN | Tapasin (TPN) (TPSN) (NGS-17) (TAP-associated protein) (TAP-binding protein) |
| FABP7\_HUMAN | Fatty acid-binding protein, brain (Brain lipid-binding protein) (BLBP) (Brain-type fatty acid-binding protein) (B-FABP) (Fatty acid-binding protein 7) (Mammary-derived growth inhibitor related) |
| R113A\_HUMAN | RING finger protein 113A (Zinc finger protein 183) |
| DHX15\_HUMAN | Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 (EC 3.6.4.13) (ATP-dependent RNA helicase #46) (DEAH box protein 15) |
| ZZEF1\_HUMAN | Zinc finger ZZ-type and EF-hand domain-containing protein 1 |
| ASAP2\_HUMAN | Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 (Development and differentiation-enhancing factor 2) (Paxillin-associated protein with ARF GAP activity 3) (PAG3) (Pyk2 C-terminus-associated protein) (PAP) |
| PLXB1\_HUMAN | Plexin-B1 (Semaphorin receptor SEP) |
| CYB5B\_HUMAN | Cytochrome b5 type B (Cytochrome b5 outer mitochondrial membrane isoform) |
| NDUS4\_HUMAN | NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial (Complex I-18 kDa) (CI-18 kDa) (Complex I-AQDQ) (CI-AQDQ) (NADH-ubiquinone oxidoreductase 18 kDa subunit) |
| MSH5\_HUMAN | MutS protein homolog 5 (hMSH5) |
| SEPT4\_HUMAN | Septin-4 (Apoptosis-related protein in the TGF-beta signaling pathway) (ARTS) (Bradeion beta) (Brain protein H5) (CE5B3 beta) (Cell division control-related protein 2) (hCDCREL-2) (Cerebral protein 7) (Peanut-like protein 2) |
| DC1L2\_HUMAN | Cytoplasmic dynein 1 light intermediate chain 2 (Dynein light intermediate chain 2, cytosolic) (LIC-2) (LIC53/55) |
| PSMD3\_HUMAN | 26S proteasome non-ATPase regulatory subunit 3 (26S proteasome regulatory subunit RPN3) (26S proteasome regulatory subunit S3) (Proteasome subunit p58) |
| ZW10\_HUMAN | Centromere/kinetochore protein zw10 homolog |
| SNUT1\_HUMAN | U4/U6.U5 tri-snRNP-associated protein 1 (SNU66 homolog) (hSnu66) (Squamous cell carcinoma antigen recognized by T-cells 1) (SART-1) (hSART-1) (U4/U6.U5 tri-snRNP-associated 110 kDa protein) (allergen Hom s 1) |
| TGFI1\_HUMAN | Transforming growth factor beta-1-induced transcript 1 protein (Androgen receptor coactivator 55 kDa protein) (Androgen receptor-associated protein of 55 kDa) (Hydrogen peroxide-inducible clone 5 protein) (Hic-5) |
| AP5Z1\_HUMAN | AP-5 complex subunit zeta-1 (Adaptor-related protein complex 5 zeta subunit) (Zeta5) |
| HS12A\_HUMAN | Heat shock 70 kDa protein 12A |
| CP110\_HUMAN | Centriolar coiled-coil protein of 110 kDa (Centrosomal protein of 110 kDa) (CP110) (Cep110) |
| CTIF\_HUMAN | CBP80/20-dependent translation initiation factor |
| VIP2\_HUMAN | Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 2 (EC 2.7.4.21) (EC 2.7.4.24) (Diphosphoinositol pentakisphosphate kinase 2) (Histidine acid phosphatase domain-containing protein 1) (InsP6 and PP-IP5 kinase 2) (VIP1 homolog 2) (hsVIP2) |
| M3K7\_HUMAN | Mitogen-activated protein kinase kinase kinase 7 (EC 2.7.11.25) (Transforming growth factor-beta-activated kinase 1) (TGF-beta-activated kinase 1) |
| MCA3\_HUMAN | Eukaryotic translation elongation factor 1 epsilon-1 (Aminoacyl tRNA synthetase complex-interacting multifunctional protein 3) (Elongation factor p18) (Multisynthase complex auxiliary component p18) |
| MSI1H\_HUMAN | RNA-binding protein Musashi homolog 1 (Musashi-1) |
| WDR62\_HUMAN | WD repeat-containing protein 62 |
| HNRPR\_HUMAN | Heterogeneous nuclear ribonucleoprotein R (hnRNP R) |
| TXNL1\_HUMAN | Thioredoxin-like protein 1 (32 kDa thioredoxin-related protein) |
| TPD54\_HUMAN | Tumor protein D54 (hD54) (Tumor protein D52-like 2) |
| EMC8\_HUMAN | ER membrane protein complex subunit 8 (Neighbor of COX4) (Protein FAM158B) |
| ERI3\_HUMAN | ERI1 exoribonuclease 3 (EC 3.1.-.-) (Prion interactor 1) (Prion protein-interacting protein) |
| IF4G3\_HUMAN | Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII) |
| PPIH\_HUMAN | Peptidyl-prolyl cis-trans isomerase H (PPIase H) (EC 5.2.1.8) (Rotamase H) (Small nuclear ribonucleoprotein particle-specific cyclophilin H) (CypH) (U-snRNP-associated cyclophilin SnuCyp-20) (USA-CYP) |
| HTRA2\_HUMAN | Serine protease HTRA2, mitochondrial (EC 3.4.21.108) (High temperature requirement protein A2) (HtrA2) (Omi stress-regulated endoprotease) (Serine protease 25) (Serine proteinase OMI) |
| ARK72\_HUMAN | Aflatoxin B1 aldehyde reductase member 2 (EC 1.1.1.n11) (AFB1 aldehyde reductase 1) (AFB1-AR 1) (Aldoketoreductase 7) (Succinic semialdehyde reductase) (SSA reductase) |
| E41L2\_HUMAN | Band 4.1-like protein 2 (Generally expressed protein 4.1) (4.1G) |
| LTOR5\_HUMAN | Ragulator complex protein LAMTOR5 (Hepatitis B virus X-interacting protein) (HBV X-interacting protein) (HBX-interacting protein) (Late endosomal/lysosomal adaptor and MAPK and MTOR activator 5) |
| FOXO3\_HUMAN | Forkhead box protein O3 (AF6q21 protein) (Forkhead in rhabdomyosarcoma-like 1) |
| SGCE\_HUMAN | Epsilon-sarcoglycan (Epsilon-SG) |
| DENR\_HUMAN | Density-regulated protein (DRP) (Protein DRP1) (Smooth muscle cell-associated protein 3) (SMAP-3) |
| DNPH1\_HUMAN | 2'-deoxynucleoside 5'-phosphate N-hydrolase 1 (EC 3.2.2.-) (c-Myc-responsive protein RCL) |
| TIM44\_HUMAN | Mitochondrial import inner membrane translocase subunit TIM44 |
| TPPC3\_HUMAN | Trafficking protein particle complex subunit 3 (BET3 homolog) |
| CHM2A\_HUMAN | Charged multivesicular body protein 2a (Chromatin-modifying protein 2a) (CHMP2a) (Putative breast adenocarcinoma marker BC-2) (Vacuolar protein sorting-associated protein 2-1) (Vps2-1) (hVps2-1) |
| NCK2\_HUMAN | Cytoplasmic protein NCK2 (Growth factor receptor-bound protein 4) (NCK adaptor protein 2) (Nck-2) (SH2/SH3 adaptor protein NCK-beta) |
| PLRG1\_HUMAN | Pleiotropic regulator 1 |
| RGS10\_HUMAN | Regulator of G-protein signaling 10 (RGS10) |
| ZN207\_HUMAN | BUB3-interacting and GLEBS motif-containing protein ZNF207 (BuGZ) (hBuGZ) (Zinc finger protein 207) |
| NDUB5\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial (Complex I-SGDH) (CI-SGDH) (NADH-ubiquinone oxidoreductase SGDH subunit) |
| NDUB3\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3 (Complex I-B12) (CI-B12) (NADH-ubiquinone oxidoreductase B12 subunit) |
| NDUC1\_HUMAN | NADH dehydrogenase [ubiquinone] 1 subunit C1, mitochondrial (Complex I-KFYI) (CI-KFYI) (NADH-ubiquinone oxidoreductase KFYI subunit) |
| NDUA2\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (Complex I-B8) (CI-B8) (NADH-ubiquinone oxidoreductase B8 subunit) |
| ASNA\_HUMAN | ATPase ASNA1 (EC 3.6.-.-) (Arsenical pump-driving ATPase) (Arsenite-stimulated ATPase) (Transmembrane domain recognition complex 40 kDa ATPase subunit) (hARSA-I) (hASNA-I) |
| BUB3\_HUMAN | Mitotic checkpoint protein BUB3 |
| ACTN4\_HUMAN | Alpha-actinin-4 (Non-muscle alpha-actinin 4) |
| MAAI\_HUMAN | Maleylacetoacetate isomerase (MAAI) (EC 5.2.1.2) (GSTZ1-1) (Glutathione S-transferase zeta 1) (EC 2.5.1.18) |
| TRIA1\_HUMAN | TP53-regulated inhibitor of apoptosis 1 (Protein 15E1.1) (WF-1) (p53-inducible cell-survival factor) (p53CSV) |
| GATC\_HUMAN | Glutamyl-tRNA(Gln) amidotransferase subunit C, mitochondrial (Glu-AdT subunit C) (EC 6.3.5.-) (Protein 15E1.2) |
| HTSF1\_HUMAN | HIV Tat-specific factor 1 (Tat-SF1) |
| AAKB2\_HUMAN | 5'-AMP-activated protein kinase subunit beta-2 (AMPK subunit beta-2) |
| AP1G1\_HUMAN | AP-1 complex subunit gamma-1 (Adaptor protein complex AP-1 subunit gamma-1) (Adaptor-related protein complex 1 subunit gamma-1) (Clathrin assembly protein complex 1 gamma-1 large chain) (Gamma1-adaptin) (Golgi adaptor HA1/AP1 adaptin subunit gamma-1) |
| SNG2\_HUMAN | Synaptogyrin-2 (Cellugyrin) |
| SGTA\_HUMAN | Small glutamine-rich tetratricopeptide repeat-containing protein alpha (Alpha-SGT) (Vpu-binding protein) (UBP) |
| LIAS\_HUMAN | Lipoyl synthase, mitochondrial (EC 2.8.1.8) (Lipoate synthase) (LS) (Lip-syn) (Lipoic acid synthase) |
| ENSA\_HUMAN | Alpha-endosulfine (ARPP-19e) |
| MCAT\_HUMAN | Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocase) (CAC) (Solute carrier family 25 member 20) |
| SYNC\_HUMAN | Asparagine--tRNA ligase, cytoplasmic (EC 6.1.1.22) (Asparaginyl-tRNA synthetase) (AsnRS) |
| MYO1B\_HUMAN | Unconventional myosin-Ib (MYH-1c) (Myosin I alpha) (MMI-alpha) (MMIa) |
| CPSF5\_HUMAN | Cleavage and polyadenylation specificity factor subunit 5 (Cleavage and polyadenylation specificity factor 25 kDa subunit) (CFIm25) (CPSF 25 kDa subunit) (Nucleoside diphosphate-linked moiety X motif 21) (Nudix motif 21) (Pre-mRNA cleavage factor Im 25 kDa subunit) |
| LANC1\_HUMAN | LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40) |
| STRN\_HUMAN | Striatin |
| U3IP2\_HUMAN | U3 small nucleolar RNA-interacting protein 2 (RRP9 homolog) (U3 small nucleolar ribonucleoprotein-associated 55 kDa protein) (U3 snoRNP-associated 55 kDa protein) (U3-55K) |
| SCO2\_HUMAN | Protein SCO2 homolog, mitochondrial |
| GTPB6\_HUMAN | Putative GTP-binding protein 6 (Pseudoautosomal GTP-binding protein-like) |
| G6PT1\_HUMAN | Glucose-6-phosphate translocase (Glucose-5-phosphate transporter) (Solute carrier family 37 member 4) (Transformation-related gene 19 protein) (TRG-19) |
| IDH3B\_HUMAN | Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial (EC 1.1.1.41) (Isocitric dehydrogenase subunit beta) (NAD(+)-specific ICDH subunit beta) |
| CALU\_HUMAN | Calumenin (Crocalbin) (IEF SSP 9302) |
| SAHH2\_HUMAN | Adenosylhomocysteinase 2 (AdoHcyase 2) (EC 3.3.1.1) (DC-expressed AHCY-like molecule) (IP(3)Rs binding protein released with IP(3)) (IRBIT) (S-adenosyl-L-homocysteine hydrolase 2) (S-adenosylhomocysteine hydrolase-like protein 1) |
| CD5L\_HUMAN | CD5 antigen-like (CT-2) (IgM-associated peptide) (SP-alpha) |
| KIF1C\_HUMAN | Kinesin-like protein KIF1C |
| NDUS5\_HUMAN | NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 (Complex I-15 kDa) (CI-15 kDa) (NADH-ubiquinone oxidoreductase 15 kDa subunit) |
| PEX1\_HUMAN | Peroxisome biogenesis factor 1 (Peroxin-1) (Peroxisome biogenesis disorder protein 1) |
| TIM8A\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim8 A (Deafness dystonia protein 1) (X-linked deafness dystonia protein) |
| KALRN\_HUMAN | Kalirin (EC 2.7.11.1) (Huntingtin-associated protein-interacting protein) (Protein Duo) (Serine/threonine-protein kinase with Dbl- and pleckstrin homology domain) |
| DHX16\_HUMAN | Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16 (EC 3.6.4.13) (ATP-dependent RNA helicase #3) (DEAH-box protein 16) |
| MYPT2\_HUMAN | Protein phosphatase 1 regulatory subunit 12B (Myosin phosphatase-targeting subunit 2) (Myosin phosphatase target subunit 2) |
| PLIN1\_HUMAN | Perilipin-1 (Lipid droplet-associated protein) |
| AGRB3\_HUMAN | Adhesion G protein-coupled receptor B3 (Brain-specific angiogenesis inhibitor 3) |
| KPRB\_HUMAN | Phosphoribosyl pyrophosphate synthase-associated protein 2 (PRPP synthase-associated protein 2) (41 kDa phosphoribosypyrophosphate synthetase-associated protein) (PAP41) |
| PRKN2\_HUMAN | E3 ubiquitin-protein ligase parkin (Parkin) (EC 6.3.2.-) (Parkinson juvenile disease protein 2) (Parkinson disease protein 2) |
| JIP4\_HUMAN | C-Jun-amino-terminal kinase-interacting protein 4 (JIP-4) (JNK-interacting protein 4) (Cancer/testis antigen 89) (CT89) (Human lung cancer oncogene 6 protein) (HLC-6) (JNK-associated leucine-zipper protein) (JLP) (Mitogen-activated protein kinase 8-interacting protein 4) (Proliferation-inducing protein 6) (Protein highly expressed in testis) (PHET) (Sperm surface protein) (Sperm-associated antigen 9) (Sperm-specific protein) (Sunday driver 1) |
| KIF5C\_HUMAN | Kinesin heavy chain isoform 5C (Kinesin heavy chain neuron-specific 2) |
| ZC3H1\_HUMAN | Zinc finger C3H1 domain-containing protein (Coiled-coil domain-containing protein 131) (Proline/serine-rich coiled-coil protein 2) |
| K0556\_HUMAN | Uncharacterized protein KIAA0556 |
| OPA1\_HUMAN | Dynamin-like 120 kDa protein, mitochondrial (EC 3.6.5.5) (Optic atrophy protein 1) [Cleaved into: Dynamin-like 120 kDa protein, form S1] |
| KIF1B\_HUMAN | Kinesin-like protein KIF1B (Klp) |
| TBCD4\_HUMAN | TBC1 domain family member 4 (Akt substrate of 160 kDa) (AS160) |
| TBC12\_HUMAN | TBC1 domain family member 12 |
| NDK8\_HUMAN | Putative nucleoside diphosphate kinase (NDK) (NDP kinase) (EC 2.7.4.6) |
| LY75\_HUMAN | Lymphocyte antigen 75 (Ly-75) (C-type lectin domain family 13 member B) (DEC-205) (gp200-MR6) (CD antigen CD205) |
| ACSL4\_HUMAN | Long-chain-fatty-acid--CoA ligase 4 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 4) (LACS 4) |
| SNX3\_HUMAN | Sorting nexin-3 (Protein SDP3) |
| STX10\_HUMAN | Syntaxin-10 (Syn10) |
| ADCY9\_HUMAN | Adenylate cyclase type 9 (EC 4.6.1.1) (ATP pyrophosphate-lyase 9) (Adenylate cyclase type IX) (ACIX) (Adenylyl cyclase 9) (AC9) |
| VINEX\_HUMAN | Vinexin (SH3-containing adapter molecule 1) (SCAM-1) (Sorbin and SH3 domain-containing protein 3) |
| HNRPQ\_HUMAN | Heterogeneous nuclear ribonucleoprotein Q (hnRNP Q) (Glycine- and tyrosine-rich RNA-binding protein) (GRY-RBP) (NS1-associated protein 1) (Synaptotagmin-binding, cytoplasmic RNA-interacting protein) |
| NEMF\_HUMAN | Nuclear export mediator factor NEMF (Antigen NY-CO-1) (Serologically defined colon cancer antigen 1) |
| BUB1B\_HUMAN | Mitotic checkpoint serine/threonine-protein kinase BUB1 beta (EC 2.7.11.1) (MAD3/BUB1-related protein kinase) (hBUBR1) (Mitotic checkpoint kinase MAD3L) (Protein SSK1) |
| DIAP1\_HUMAN | Protein diaphanous homolog 1 (Diaphanous-related formin-1) (DRF1) |
| SEP15\_HUMAN | 15 kDa selenoprotein |
| KLH41\_HUMAN | Kelch-like protein 41 (Kel-like protein 23) (Kelch repeat and BTB domain-containing protein 10) (Kelch-related protein 1) (Sarcosin) |
| PLIN3\_HUMAN | Perilipin-3 (47 kDa mannose 6-phosphate receptor-binding protein) (47 kDa MPR-binding protein) (Cargo selection protein TIP47) (Mannose-6-phosphate receptor-binding protein 1) (Placental protein 17) (PP17) |
| DPOLZ\_HUMAN | DNA polymerase zeta catalytic subunit (EC 2.7.7.7) (Protein reversionless 3-like) (REV3-like) (hREV3) |
| JAK2\_HUMAN | Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 2) (JAK-2) |
| IMA7\_HUMAN | Importin subunit alpha-7 (Karyopherin subunit alpha-6) |
| ABCC9\_HUMAN | ATP-binding cassette sub-family C member 9 (Sulfonylurea receptor 2) |
| CTND1\_HUMAN | Catenin delta-1 (Cadherin-associated Src substrate) (CAS) (p120 catenin) (p120(ctn)) (p120(cas)) |
| ICMT\_HUMAN | Protein-S-isoprenylcysteine O-methyltransferase (EC 2.1.1.100) (Isoprenylcysteine carboxylmethyltransferase) (Prenylated protein carboxyl methyltransferase) (PPMT) (Prenylcysteine carboxyl methyltransferase) (pcCMT) |
| EIF1B\_HUMAN | Eukaryotic translation initiation factor 1b (eIF1b) (Protein translation factor SUI1 homolog GC20) |
| SNX2\_HUMAN | Sorting nexin-2 (Transformation-related gene 9 protein) (TRG-9) |
| DPM1\_HUMAN | Dolichol-phosphate mannosyltransferase subunit 1 (EC 2.4.1.83) (Dolichol-phosphate mannose synthase subunit 1) (DPM synthase subunit 1) (Dolichyl-phosphate beta-D-mannosyltransferase subunit 1) (Mannose-P-dolichol synthase subunit 1) (MPD synthase subunit 1) |
| USO1\_HUMAN | General vesicular transport factor p115 (Protein USO1 homolog) (Transcytosis-associated protein) (TAP) (Vesicle-docking protein) |
| RT14\_HUMAN | 28S ribosomal protein S14, mitochondrial (MRP-S14) (S14mt) |
| TOM1\_HUMAN | Target of Myb protein 1 |
| HNRC1\_HUMAN | Heterogeneous nuclear ribonucleoprotein C-like 1 (hnRNP C-like-1) (hnRNP core protein C-like 1) |
| H2B1K\_HUMAN | Histone H2B type 1-K (H2B K) (HIRA-interacting protein 1) |
| F262\_HUMAN | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 (6PF-2-K/Fru-2,6-P2ase 2) (PFK/FBPase 2) (6PF-2-K/Fru-2,6-P2ase heart-type isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] |
| CCD22\_HUMAN | Coiled-coil domain-containing protein 22 |
| TI17B\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim17-B |
| PRAF2\_HUMAN | PRA1 family protein 2 |
| DKC1\_HUMAN | H/ACA ribonucleoprotein complex subunit 4 (EC 5.4.99.-) (CBF5 homolog) (Dyskerin) (Nopp140-associated protein of 57 kDa) (Nucleolar protein NAP57) (Nucleolar protein family A member 4) (snoRNP protein DKC1) |
| IF2P\_HUMAN | Eukaryotic translation initiation factor 5B (eIF-5B) (Translation initiation factor IF-2) |
| TRI13\_HUMAN | E3 ubiquitin-protein ligase TRIM13 (EC 6.3.2.-) (B-cell chronic lymphocytic leukemia tumor suppressor Leu5) (Leukemia-associated protein 5) (Putative tumor suppressor RFP2) (RING finger protein 77) (Ret finger protein 2) (Tripartite motif-containing protein 13) |
| EDF1\_HUMAN | Endothelial differentiation-related factor 1 (EDF-1) (Multiprotein-bridging factor 1) (MBF1) |
| DIAP2\_HUMAN | Protein diaphanous homolog 2 (Diaphanous-related formin-2) (DRF2) |
| DNJA2\_HUMAN | DnaJ homolog subfamily A member 2 (Cell cycle progression restoration gene 3 protein) (Dnj3) (Dj3) (HIRA-interacting protein 4) (Renal carcinoma antigen NY-REN-14) |
| BRD4\_HUMAN | Bromodomain-containing protein 4 (Protein HUNK1) |
| CUTA\_HUMAN | Protein CutA (Acetylcholinesterase-associated protein) (Brain acetylcholinesterase putative membrane anchor) |
| PFD1\_HUMAN | Prefoldin subunit 1 |
| NOL3\_HUMAN | Nucleolar protein 3 (Apoptosis repressor with CARD) (Muscle-enriched cytoplasmic protein) (Myp) (Nucleolar protein of 30 kDa) (Nop30) |
| ABCB7\_HUMAN | ATP-binding cassette sub-family B member 7, mitochondrial (ATP-binding cassette transporter 7) (ABC transporter 7 protein) |
| MITF\_HUMAN | Microphthalmia-associated transcription factor (Class E basic helix-loop-helix protein 32) (bHLHe32) |
| WDR1\_HUMAN | WD repeat-containing protein 1 (Actin-interacting protein 1) (AIP1) (NORI-1) |
| SLIT3\_HUMAN | Slit homolog 3 protein (Slit-3) (Multiple epidermal growth factor-like domains protein 5) (Multiple EGF-like domains protein 5) |
| AOC2\_HUMAN | Retina-specific copper amine oxidase (RAO) (EC 1.4.3.21) (Amine oxidase [copper-containing]) (Semicarbazide-sensitive amine oxidase) (SSAO) |
| ATP9A\_HUMAN | Probable phospholipid-transporting ATPase IIA (EC 3.6.3.1) (ATPase class II type 9A) |
| LDB3\_HUMAN | LIM domain-binding protein 3 (Protein cypher) (Z-band alternatively spliced PDZ-motif protein) |
| ROCK2\_HUMAN | Rho-associated protein kinase 2 (EC 2.7.11.1) (Rho kinase 2) (Rho-associated, coiled-coil-containing protein kinase 2) (Rho-associated, coiled-coil-containing protein kinase II) (ROCK-II) (p164 ROCK-2) |
| CLAP2\_HUMAN | CLIP-associating protein 2 (Cytoplasmic linker-associated protein 2) (Protein Orbit homolog 2) (hOrbit2) |
| COBL\_HUMAN | Protein cordon-bleu |
| CPNE3\_HUMAN | Copine-3 (Copine III) |
| HIP1R\_HUMAN | Huntingtin-interacting protein 1-related protein (HIP1-related protein) (Huntingtin-interacting protein 12) (HIP-12) |
| OBSL1\_HUMAN | Obscurin-like protein 1 |
| BRE1B\_HUMAN | E3 ubiquitin-protein ligase BRE1B (BRE1-B) (EC 6.3.2.-) (95 kDa retinoblastoma-associated protein) (RBP95) (RING finger protein 40) |
| PHF2\_HUMAN | Lysine-specific demethylase PHF2 (EC 1.14.11.-) (GRC5) (PHD finger protein 2) |
| CLU\_HUMAN | Clustered mitochondria protein homolog |
| CAND2\_HUMAN | Cullin-associated NEDD8-dissociated protein 2 (Cullin-associated and neddylation-dissociated protein 2) (Epididymis tissue protein Li 169) (TBP-interacting protein of 120 kDa B) (TBP-interacting protein 120B) (p120 CAND2) |
| KDM4A\_HUMAN | Lysine-specific demethylase 4A (EC 1.14.11.-) (JmjC domain-containing histone demethylation protein 3A) (Jumonji domain-containing protein 2A) |
| ATS4\_HUMAN | A disintegrin and metalloproteinase with thrombospondin motifs 4 (ADAM-TS 4) (ADAM-TS4) (ADAMTS-4) (EC 3.4.24.82) (ADMP-1) (Aggrecanase-1) |
| DNJB6\_HUMAN | DnaJ homolog subfamily B member 6 (HHDJ1) (Heat shock protein J2) (HSJ-2) (MRJ) (MSJ-1) |
| COQ9\_HUMAN | Ubiquinone biosynthesis protein COQ9, mitochondrial |
| GGCT\_HUMAN | Gamma-glutamylcyclotransferase (EC 2.3.2.4) (Cytochrome c-releasing factor 21) |
| NDUS7\_HUMAN | NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20kD) (CI-20kD) (NADH-ubiquinone oxidoreductase 20 kDa subunit) (PSST subunit) |
| RTN2\_HUMAN | Reticulon-2 (Neuroendocrine-specific protein-like 1) (NSP-like protein 1) (Neuroendocrine-specific protein-like I) (NSP-like protein I) (NSPLI) |
| NDUS2\_HUMAN | NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49kD) (CI-49kD) (NADH-ubiquinone oxidoreductase 49 kDa subunit) |
| NIPS2\_HUMAN | Protein NipSnap homolog 2 (NipSnap2) (Glioblastoma-amplified sequence) |
| CILP1\_HUMAN | Cartilage intermediate layer protein 1 (CILP-1) (Cartilage intermediate-layer protein) [Cleaved into: Cartilage intermediate layer protein 1 C1; Cartilage intermediate layer protein 1 C2] |
| PDCD6\_HUMAN | Programmed cell death protein 6 (Apoptosis-linked gene 2 protein) (Probable calcium-binding protein ALG-2) |
| TBCA\_HUMAN | Tubulin-specific chaperone A (TCP1-chaperonin cofactor A) (Tubulin-folding cofactor A) (CFA) |
| VATG1\_HUMAN | V-type proton ATPase subunit G 1 (V-ATPase subunit G 1) (V-ATPase 13 kDa subunit 1) (Vacuolar proton pump subunit G 1) (Vacuolar proton pump subunit M16) |
| VPS4B\_HUMAN | Vacuolar protein sorting-associated protein 4B (EC 3.6.4.6) (Cell migration-inducing gene 1 protein) (Suppressor of K(+) transport growth defect 1) (Protein SKD1) |
| MPU1\_HUMAN | Mannose-P-dolichol utilization defect 1 protein (Suppressor of Lec15 and Lec35 glycosylation mutation homolog) (SL15) |
| ZN217\_HUMAN | Zinc finger protein 217 |
| TP4A3\_HUMAN | Protein tyrosine phosphatase type IVA 3 (EC 3.1.3.48) (PRL-R) (Protein-tyrosine phosphatase 4a3) (Protein-tyrosine phosphatase of regenerating liver 3) (PRL-3) |
| H2AY\_HUMAN | Core histone macro-H2A.1 (Histone macroH2A1) (mH2A1) (Histone H2A.y) (H2A/y) (Medulloblastoma antigen MU-MB-50.205) |
| SH3L1\_HUMAN | SH3 domain-binding glutamic acid-rich-like protein |
| FLNB\_HUMAN | Filamin-B (FLN-B) (ABP-278) (ABP-280 homolog) (Actin-binding-like protein) (Beta-filamin) (Filamin homolog 1) (Fh1) (Filamin-3) (Thyroid autoantigen) (Truncated actin-binding protein) (Truncated ABP) |
| NCOR1\_HUMAN | Nuclear receptor corepressor 1 (N-CoR) (N-CoR1) |
| VAMP4\_HUMAN | Vesicle-associated membrane protein 4 (VAMP-4) |
| NDUS6\_HUMAN | NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial (Complex I-13kD-A) (CI-13kD-A) (NADH-ubiquinone oxidoreductase 13 kDa-A subunit) |
| PEX14\_HUMAN | Peroxisomal membrane protein PEX14 (PTS1 receptor-docking protein) (Peroxin-14) (Peroxisomal membrane anchor protein PEX14) |
| TRIM3\_HUMAN | Tripartite motif-containing protein 3 (Brain-expressed RING finger protein) (RING finger protein 22) (RING finger protein 97) |
| ULK1\_HUMAN | Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Autophagy-related protein 1 homolog) (ATG1) (hATG1) (Unc-51-like kinase 1) |
| CISY\_HUMAN | Citrate synthase, mitochondrial (EC 2.3.3.1) (Citrate (Si)-synthase) |
| SPAG7\_HUMAN | Sperm-associated antigen 7 |
| RM33\_HUMAN | 39S ribosomal protein L33, mitochondrial (L33mt) (MRP-L33) |
| SC22B\_HUMAN | Vesicle-trafficking protein SEC22b (ER-Golgi SNARE of 24 kDa) (ERS-24) (ERS24) (SEC22 vesicle-trafficking protein homolog B) (SEC22 vesicle-trafficking protein-like 1) |
| PR40A\_HUMAN | Pre-mRNA-processing factor 40 homolog A (Fas ligand-associated factor 1) (Formin-binding protein 11) (Formin-binding protein 3) (Huntingtin yeast partner A) (Huntingtin-interacting protein 10) (HIP-10) (Huntingtin-interacting protein A) (Renal carcinoma antigen NY-REN-6) |
| PERQ1\_HUMAN | PERQ amino acid-rich with GYF domain-containing protein 1 (GRB10-interacting GYF protein 1) |
| MTX2\_HUMAN | Metaxin-2 (Mitochondrial outer membrane import complex protein 2) |
| VP26A\_HUMAN | Vacuolar protein sorting-associated protein 26A (Vesicle protein sorting 26A) (hVPS26) |
| NDUB1\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1 (Complex I-MNLL) (CI-MNLL) (NADH-ubiquinone oxidoreductase MNLL subunit) |
| MPPB\_HUMAN | Mitochondrial-processing peptidase subunit beta (EC 3.4.24.64) (Beta-MPP) (P-52) |
| TECTA\_HUMAN | Alpha-tectorin |
| PSIP1\_HUMAN | PC4 and SFRS1-interacting protein (CLL-associated antigen KW-7) (Dense fine speckles 70 kDa protein) (DFS 70) (Lens epithelium-derived growth factor) (Transcriptional coactivator p75/p52) |
| ERLN1\_HUMAN | Erlin-1 (Endoplasmic reticulum lipid raft-associated protein 1) (Protein KE04) (Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 1) (SPFH domain-containing protein 1) |
| NDUS3\_HUMAN | NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-30kD) (CI-30kD) (NADH-ubiquinone oxidoreductase 30 kDa subunit) |
| SRS10\_HUMAN | Serine/arginine-rich splicing factor 10 (40 kDa SR-repressor protein) (SRrp40) (FUS-interacting serine-arginine-rich protein 1) (Splicing factor SRp38) (Splicing factor, arginine/serine-rich 13A) (TLS-associated protein with Ser-Arg repeats) (TASR) (TLS-associated protein with SR repeats) (TLS-associated serine-arginine protein) (TLS-associated SR protein) |
| ECI2\_HUMAN | Enoyl-CoA delta isomerase 2, mitochondrial (EC 5.3.3.8) (DRS-1) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (Diazepam-binding inhibitor-related protein 1) (DBI-related protein 1) (Dodecenoyl-CoA isomerase) (Hepatocellular carcinoma-associated antigen 88) (Peroxisomal 3,2-trans-enoyl-CoA isomerase) (pECI) (Renal carcinoma antigen NY-REN-1) |
| BAF\_HUMAN | Barrier-to-autointegration factor (Breakpoint cluster region protein 1) [Cleaved into: Barrier-to-autointegration factor, N-terminally processed] |
| SF3B1\_HUMAN | Splicing factor 3B subunit 1 (Pre-mRNA-splicing factor SF3b 155 kDa subunit) (SF3b155) (Spliceosome-associated protein 155) (SAP 155) |
| CSDE1\_HUMAN | Cold shock domain-containing protein E1 (N-ras upstream gene protein) (Protein UNR) |
| SG2A1\_HUMAN | Mammaglobin-B (Lacryglobin) (Lipophilin-C) (Mammaglobin-2) (Secretoglobin family 2A member 1) |
| PRKRA\_HUMAN | Interferon-inducible double-stranded RNA-dependent protein kinase activator A (PKR-associated protein X) (PKR-associating protein X) (Protein activator of the interferon-induced protein kinase) (Protein kinase, interferon-inducible double-stranded RNA-dependent activator) |
| KS6A5\_HUMAN | Ribosomal protein S6 kinase alpha-5 (S6K-alpha-5) (EC 2.7.11.1) (90 kDa ribosomal protein S6 kinase 5) (Nuclear mitogen- and stress-activated protein kinase 1) (RSK-like protein kinase) (RSKL) |
| MYCB2\_HUMAN | E3 ubiquitin-protein ligase MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Pam/highwire/rpm-1 protein) (Protein associated with Myc) |
| KBL\_HUMAN | 2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial (AKB ligase) (EC 2.3.1.29) (Aminoacetone synthase) (Glycine acetyltransferase) |
| UBP2\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 2 (EC 3.4.19.12) (41 kDa ubiquitin-specific protease) (Deubiquitinating enzyme 2) (Ubiquitin thioesterase 2) (Ubiquitin-specific-processing protease 2) |
| LYPA1\_HUMAN | Acyl-protein thioesterase 1 (APT-1) (hAPT1) (EC 3.1.2.-) (Lysophospholipase 1) (Lysophospholipase I) (LPL-I) (LysoPLA I) |
| U520\_HUMAN | U5 small nuclear ribonucleoprotein 200 kDa helicase (EC 3.6.4.13) (Activating signal cointegrator 1 complex subunit 3-like 1) (BRR2 homolog) (U5 snRNP-specific 200 kDa protein) (U5-200KD) |
| MTU1\_HUMAN | Mitochondrial tRNA-specific 2-thiouridylase 1 (EC 2.8.1.-) (MTO2 homolog) |
| TIPRL\_HUMAN | TIP41-like protein (Putative MAPK-activating protein PM10) (Type 2A-interacting protein) (TIP) |
| RFPL1\_HUMAN | Ret finger protein-like 1 (RING finger protein 78) |
| PPM1B\_HUMAN | Protein phosphatase 1B (EC 3.1.3.16) (Protein phosphatase 2C isoform beta) (PP2C-beta) |
| NU155\_HUMAN | Nuclear pore complex protein Nup155 (155 kDa nucleoporin) (Nucleoporin Nup155) |
| XRP2\_HUMAN | Protein XRP2 |
| CMC1\_HUMAN | Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) |
| TCEA3\_HUMAN | Transcription elongation factor A protein 3 (Transcription elongation factor S-II protein 3) (Transcription elongation factor TFIIS.h) |
| BCAR3\_HUMAN | Breast cancer anti-estrogen resistance protein 3 (Novel SH2-containing protein 2) (SH2 domain-containing protein 3B) |
| POP7\_HUMAN | Ribonuclease P protein subunit p20 (RNaseP protein p20) (EC 3.1.26.5) (Ribonucleases P/MRP protein subunit POP7 homolog) (hPOP7) |
| EIF3G\_HUMAN | Eukaryotic translation initiation factor 3 subunit G (eIF3g) (Eukaryotic translation initiation factor 3 RNA-binding subunit) (eIF-3 RNA-binding subunit) (Eukaryotic translation initiation factor 3 subunit 4) (eIF-3-delta) (eIF3 p42) (eIF3 p44) |
| EIF3J\_HUMAN | Eukaryotic translation initiation factor 3 subunit J (eIF3j) (Eukaryotic translation initiation factor 3 subunit 1) (eIF-3-alpha) (eIF3 p35) |
| PSD10\_HUMAN | 26S proteasome non-ATPase regulatory subunit 10 (26S proteasome regulatory subunit p28) (Gankyrin) (p28(GANK)) |
| FACE1\_HUMAN | CAAX prenyl protease 1 homolog (EC 3.4.24.84) (Farnesylated proteins-converting enzyme 1) (FACE-1) (Prenyl protein-specific endoprotease 1) (Zinc metalloproteinase Ste24 homolog) |
| IDHC\_HUMAN | Isocitrate dehydrogenase [NADP] cytoplasmic (IDH) (EC 1.1.1.42) (Cytosolic NADP-isocitrate dehydrogenase) (IDP) (NADP(+)-specific ICDH) (Oxalosuccinate decarboxylase) |
| GATB\_HUMAN | Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial (Glu-AdT subunit B) (EC 6.3.5.-) (Cytochrome c oxidase assembly factor PET112 homolog) |
| SCO1\_HUMAN | Protein SCO1 homolog, mitochondrial |
| RBBP9\_HUMAN | Putative hydrolase RBBP9 (EC 3.-.-.-) (B5T-overexpressed gene protein) (Protein BOG) (Retinoblastoma-binding protein 10) (RBBP-10) (Retinoblastoma-binding protein 9) (RBBP-9) |
| AL1L1\_HUMAN | Cytosolic 10-formyltetrahydrofolate dehydrogenase (10-FTHFDH) (FDH) (EC 1.5.1.6) (Aldehyde dehydrogenase family 1 member L1) |
| DGKI\_HUMAN | Diacylglycerol kinase iota (DAG kinase iota) (EC 2.7.1.107) (Diglyceride kinase iota) (DGK-iota) |
| PRAF3\_HUMAN | PRA1 family protein 3 (ADP-ribosylation factor-like protein 6-interacting protein 5) (ARL-6-interacting protein 5) (Aip-5) (Cytoskeleton-related vitamin A-responsive protein) (Dermal papilla-derived protein 11) (GTRAP3-18) (Glutamate transporter EAAC1-interacting protein) (JM5) (Prenylated Rab acceptor protein 2) (Protein JWa) (Putative MAPK-activating protein PM27) |
| DYSF\_HUMAN | Dysferlin (Dystrophy-associated fer-1-like protein) (Fer-1-like protein 1) |
| DCTN3\_HUMAN | Dynactin subunit 3 (Dynactin complex subunit 22 kDa subunit) (p22) |
| DNJC8\_HUMAN | DnaJ homolog subfamily C member 8 (Splicing protein spf31) |
| ATP5H\_HUMAN | ATP synthase subunit d, mitochondrial (ATPase subunit d) |
| DNJB5\_HUMAN | DnaJ homolog subfamily B member 5 (Heat shock protein Hsp40-2) (Heat shock protein Hsp40-3) (Heat shock protein cognate 40) (Hsc40) |
| FLOT1\_HUMAN | Flotillin-1 |
| ATP5L\_HUMAN | ATP synthase subunit g, mitochondrial (ATPase subunit g) |
| MPDZ\_HUMAN | Multiple PDZ domain protein (Multi-PDZ domain protein 1) |
| GLRX3\_HUMAN | Glutaredoxin-3 (PKC-interacting cousin of thioredoxin) (PICOT) (PKC-theta-interacting protein) (PKCq-interacting protein) (Thioredoxin-like protein 2) |
| KRT34\_HUMAN | Keratin, type I cuticular Ha4 (Hair keratin, type I Ha4) (Keratin-34) (K34) |
| RL1D1\_HUMAN | Ribosomal L1 domain-containing protein 1 (CATX-11) (Cellular senescence-inhibited gene protein) (Protein PBK1) |
| WFS1\_HUMAN | Wolframin |
| CLPX\_HUMAN | ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial |
| CDKL5\_HUMAN | Cyclin-dependent kinase-like 5 (EC 2.7.11.22) (Serine/threonine-protein kinase 9) |
| NEBL\_HUMAN | Nebulette (Actin-binding Z-disk protein) |
| SYUG\_HUMAN | Gamma-synuclein (Breast cancer-specific gene 1 protein) (Persyn) (Synoretin) (SR) |
| CIAO1\_HUMAN | Probable cytosolic iron-sulfur protein assembly protein CIAO1 (WD repeat-containing protein 39) |
| SRP72\_HUMAN | Signal recognition particle subunit SRP72 (SRP72) (Signal recognition particle 72 kDa protein) |
| OR7C1\_HUMAN | Olfactory receptor 7C1 (Olfactory receptor 7C4) (Olfactory receptor OR19-16) (Olfactory receptor TPCR86) |
| DDAH1\_HUMAN | N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 (DDAH-1) (Dimethylarginine dimethylaminohydrolase 1) (EC 3.5.3.18) (DDAHI) (Dimethylargininase-1) |
| AL1A2\_HUMAN | Retinal dehydrogenase 2 (RALDH 2) (RalDH2) (EC 1.2.1.36) (Aldehyde dehydrogenase family 1 member A2) (Retinaldehyde-specific dehydrogenase type 2) (RALDH(II)) |
| STK10\_HUMAN | Serine/threonine-protein kinase 10 (EC 2.7.11.1) (Lymphocyte-oriented kinase) |
| TPPP\_HUMAN | Tubulin polymerization-promoting protein (TPPP) (25 kDa brain-specific protein) (TPPP/p25) (p24) (p25-alpha) |
| TOM70\_HUMAN | Mitochondrial import receptor subunit TOM70 (Mitochondrial precursor proteins import receptor) (Translocase of outer membrane 70 kDa subunit) |
| DEND\_HUMAN | Dendrin |
| UFL1\_HUMAN | E3 UFM1-protein ligase 1 (EC 6.3.2.-) (Novel LZAP-binding protein) (Regulator of C53/LZAP and DDRGK1) |
| SRBS2\_HUMAN | Sorbin and SH3 domain-containing protein 2 (Arg-binding protein 2) (ArgBP2) (Arg/Abl-interacting protein 2) (Sorbin) |
| TMCC1\_HUMAN | Transmembrane and coiled-coil domains protein 1 |
| SASH1\_HUMAN | SAM and SH3 domain-containing protein 1 (Proline-glutamate repeat-containing protein) |
| SUN1\_HUMAN | SUN domain-containing protein 1 (Protein unc-84 homolog A) (Sad1/unc-84 protein-like 1) |
| PROSC\_HUMAN | Proline synthase co-transcribed bacterial homolog protein |
| ERLN2\_HUMAN | Erlin-2 (Endoplasmic reticulum lipid raft-associated protein 2) (Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 2) (SPFH domain-containing protein 2) |
| PRP6\_HUMAN | Pre-mRNA-processing factor 6 (Androgen receptor N-terminal domain-transactivating protein 1) (ANT-1) (PRP6 homolog) (U5 snRNP-associated 102 kDa protein) (U5-102 kDa protein) |
| ABCA8\_HUMAN | ATP-binding cassette sub-family A member 8 |
| ENDD1\_HUMAN | Endonuclease domain-containing 1 protein (EC 3.1.30.-) |
| GLSK\_HUMAN | Glutaminase kidney isoform, mitochondrial (GLS) (EC 3.5.1.2) (K-glutaminase) (L-glutamine amidohydrolase) |
| ABLM3\_HUMAN | Actin-binding LIM protein 3 (abLIM-3) (Actin-binding LIM protein family member 3) |
| AP2A2\_HUMAN | AP-2 complex subunit alpha-2 (100 kDa coated vesicle protein C) (Adaptor protein complex AP-2 subunit alpha-2) (Adaptor-related protein complex 2 subunit alpha-2) (Alpha-adaptin C) (Alpha2-adaptin) (Clathrin assembly protein complex 2 alpha-C large chain) (Huntingtin yeast partner J) (Huntingtin-interacting protein 9) (HIP-9) (Huntingtin-interacting protein J) (Plasma membrane adaptor HA2/AP2 adaptin alpha C subunit) |
| SC31A\_HUMAN | Protein transport protein Sec31A (ABP125) (ABP130) (SEC31-like protein 1) (SEC31-related protein A) (Web1-like protein) |
| CE152\_HUMAN | Centrosomal protein of 152 kDa (Cep152) |
| SFR15\_HUMAN | Splicing factor, arginine/serine-rich 15 (CTD-binding SR-like protein RA4) (SR-related and CTD-associated factor 4) |
| NDUB6\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6 (Complex I-B17) (CI-B17) (NADH-ubiquinone oxidoreductase B17 subunit) |
| MFN2\_HUMAN | Mitofusin-2 (EC 3.6.5.-) (Transmembrane GTPase MFN2) |
| SPN1\_HUMAN | Snurportin-1 (RNA U transporter 1) |
| UBE4B\_HUMAN | Ubiquitin conjugation factor E4 B (EC 6.3.2.-) (Homozygously deleted in neuroblastoma 1) (Ubiquitin fusion degradation protein 2) |
| GBRAP\_HUMAN | Gamma-aminobutyric acid receptor-associated protein (GABA(A) receptor-associated protein) (MM46) |
| NDUA3\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 (Complex I-B9) (CI-B9) (NADH-ubiquinone oxidoreductase B9 subunit) |
| NDUB4\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4 (Complex I-B15) (CI-B15) (NADH-ubiquinone oxidoreductase B15 subunit) |
| NDUB8\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial (Complex I-ASHI) (CI-ASHI) (NADH-ubiquinone oxidoreductase ASHI subunit) |
| CDRT1\_HUMAN | CMT1A duplicated region transcript 1 protein |
| NDUB2\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 2, mitochondrial (Complex I-AGGG) (CI-AGGG) (NADH-ubiquinone oxidoreductase AGGG subunit) |
| NDUA7\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (Complex I-B14.5a) (CI-B14.5a) (NADH-ubiquinone oxidoreductase subunit B14.5a) |
| VAMP5\_HUMAN | Vesicle-associated membrane protein 5 (VAMP-5) (Myobrevin) |
| RTN3\_HUMAN | Reticulon-3 (Homolog of ASY protein) (HAP) (Neuroendocrine-specific protein-like 2) (NSP-like protein 2) (Neuroendocrine-specific protein-like II) (NSP-like protein II) (NSPLII) |
| LETM1\_HUMAN | LETM1 and EF-hand domain-containing protein 1, mitochondrial (Leucine zipper-EF-hand-containing transmembrane protein 1) |
| STBD1\_HUMAN | Starch-binding domain-containing protein 1 (Genethonin-1) |
| ZRAB2\_HUMAN | Zinc finger Ran-binding domain-containing protein 2 (Zinc finger protein 265) (Zinc finger, splicing) |
| LC7L3\_HUMAN | Luc7-like protein 3 (Cisplatin resistance-associated-overexpressed protein) (Luc7A) (Okadaic acid-inducible phosphoprotein OA48-18) (cAMP regulatory element-associated protein 1) (CRE-associated protein 1) (CREAP-1) |
| APOL3\_HUMAN | Apolipoprotein L3 (Apolipoprotein L-III) (ApoL-III) (TNF-inducible protein CG12-1) (CG12\_1) |
| MTMR5\_HUMAN | Myotubularin-related protein 5 (SET-binding factor 1) (Sbf1) |
| ATE1\_HUMAN | Arginyl-tRNA--protein transferase 1 (Arginyltransferase 1) (R-transferase 1) (EC 2.3.2.8) (Arginine-tRNA--protein transferase 1) |
| EPM2A\_HUMAN | Laforin (EC 3.1.3.-) (EC 3.1.3.16) (EC 3.1.3.48) (Glucan phosphatase) (Lafora PTPase) (LAFPTPase) |
| VAPB\_HUMAN | Vesicle-associated membrane protein-associated protein B/C (VAMP-B/VAMP-C) (VAMP-associated protein B/C) (VAP-B/VAP-C) |
| NDUC2\_HUMAN | NADH dehydrogenase [ubiquinone] 1 subunit C2 (Complex I-B14.5b) (CI-B14.5b) (Human lung cancer oncogene 1 protein) (HLC-1) (NADH-ubiquinone oxidoreductase subunit B14.5b) |
| NDUAA\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial (Complex I-42kD) (CI-42kD) (NADH-ubiquinone oxidoreductase 42 kDa subunit) |
| FKBP9\_HUMAN | Peptidyl-prolyl cis-trans isomerase FKBP9 (PPIase FKBP9) (EC 5.2.1.8) (63 kDa FK506-binding protein) (63 kDa FKBP) (FKBP-63) (FK506-binding protein 9) (FKBP-9) (Rotamase) |
| 6PGL\_HUMAN | 6-phosphogluconolactonase (6PGL) (EC 3.1.1.31) |
| PAPS2\_HUMAN | Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 2 (PAPS synthase 2) (PAPSS 2) (Sulfurylase kinase 2) (SK 2) (SK2) [Includes: Sulfate adenylyltransferase (EC 2.7.7.4) (ATP-sulfurylase) (Sulfate adenylate transferase) (SAT); Adenylyl-sulfate kinase (EC 2.7.1.25) (3'-phosphoadenosine-5'-phosphosulfate synthase) (APS kinase) (Adenosine-5'-phosphosulfate 3'-phosphotransferase) (Adenylylsulfate 3'-phosphotransferase)] |
| ATG7\_HUMAN | Ubiquitin-like modifier-activating enzyme ATG7 (ATG12-activating enzyme E1 ATG7) (Autophagy-related protein 7) (APG7-like) (hAGP7) (Ubiquitin-activating enzyme E1-like protein) |
| TACC2\_HUMAN | Transforming acidic coiled-coil-containing protein 2 (Anti-Zuai-1) (AZU-1) |
| LYPA2\_HUMAN | Acyl-protein thioesterase 2 (APT-2) (EC 3.1.2.-) (Lysophospholipase II) (LPL-II) (LysoPLA II) |
| IPO7\_HUMAN | Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) |
| ARI2\_HUMAN | E3 ubiquitin-protein ligase ARIH2 (ARI-2) (Protein ariadne-2 homolog) (EC 6.3.2.-) (Triad1 protein) |
| AGM1\_HUMAN | Phosphoacetylglucosamine mutase (PAGM) (EC 5.4.2.3) (Acetylglucosamine phosphomutase) (N-acetylglucosamine-phosphate mutase) (Phosphoglucomutase-3) (PGM 3) |
| SVIL\_HUMAN | Supervillin (Archvillin) (p205/p250) |
| AHSA1\_HUMAN | Activator of 90 kDa heat shock protein ATPase homolog 1 (AHA1) (p38) |
| APOM\_HUMAN | Apolipoprotein M (Apo-M) (ApoM) (Protein G3a) |
| CXB6\_HUMAN | Gap junction beta-6 protein (Connexin-30) (Cx30) |
| PSMG1\_HUMAN | Proteasome assembly chaperone 1 (PAC-1) (Chromosome 21 leucine-rich protein) (C21-LRP) (Down syndrome critical region protein 2) |
| GNAS3\_HUMAN | Neuroendocrine secretory protein 55 (NESP55) [Cleaved into: LHAL tetrapeptide; GPIPIRRH peptide] |
| SGPL1\_HUMAN | Sphingosine-1-phosphate lyase 1 (S1PL) (SP-lyase 1) (SPL 1) (hSPL) (EC 4.1.2.27) (Sphingosine-1-phosphate aldolase) |
| CNEP1\_HUMAN | CTD nuclear envelope phosphatase 1 (EC 3.1.3.16) (Serine/threonine-protein phosphatase dullard) |
| G6PE\_HUMAN | GDH/6PGL endoplasmic bifunctional protein [Includes: Glucose 1-dehydrogenase (EC 1.1.1.47) (Hexose-6-phosphate dehydrogenase); 6-phosphogluconolactonase (6PGL) (EC 3.1.1.31)] |
| SC24B\_HUMAN | Protein transport protein Sec24B (SEC24-related protein B) |
| MPC2\_HUMAN | Mitochondrial pyruvate carrier 2 (Brain protein 44) |
| ETHE1\_HUMAN | Persulfide dioxygenase ETHE1, mitochondrial (EC 1.13.11.18) (Ethylmalonic encephalopathy protein 1) (Hepatoma subtracted clone one protein) (Sulfur dioxygenase ETHE1) |
| ACSL3\_HUMAN | Long-chain-fatty-acid--CoA ligase 3 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 3) (LACS 3) |
| PCNT\_HUMAN | Pericentrin (Kendrin) (Pericentrin-B) |
| CNOT4\_HUMAN | CCR4-NOT transcription complex subunit 4 (EC 6.3.2.-) (CCR4-associated factor 4) (E3 ubiquitin-protein ligase CNOT4) (Potential transcriptional repressor NOT4Hp) |
| STABP\_HUMAN | STAM-binding protein (EC 3.4.19.-) (Associated molecule with the SH3 domain of STAM) (Endosome-associated ubiquitin isopeptidase) |
| ASML\_HUMAN | N-acetylserotonin O-methyltransferase-like protein (ASMTL) (EC 2.1.1.-) |
| CDS2\_HUMAN | Phosphatidate cytidylyltransferase 2 (EC 2.7.7.41) (CDP-DAG synthase 2) (CDP-DG synthase 2) (CDP-diacylglycerol synthase 2) (CDS 2) (CDP-diglyceride pyrophosphorylase 2) (CDP-diglyceride synthase 2) (CTP:phosphatidate cytidylyltransferase 2) |
| PPR3D\_HUMAN | Protein phosphatase 1 regulatory subunit 3D (Protein phosphatase 1 regulatory subunit 6) (PP1 subunit R6) (Protein phosphatase 1-binding subunit R6) |
| RAB3D\_HUMAN | Ras-related protein Rab-3D |
| SNP29\_HUMAN | Synaptosomal-associated protein 29 (SNAP-29) (Soluble 29 kDa NSF attachment protein) (Vesicle-membrane fusion protein SNAP-29) |
| OXSR1\_HUMAN | Serine/threonine-protein kinase OSR1 (EC 2.7.11.1) (Oxidative stress-responsive 1 protein) |
| GGPPS\_HUMAN | Geranylgeranyl pyrophosphate synthase (GGPP synthase) (GGPPSase) (EC 2.5.1.-) ((2E,6E)-farnesyl diphosphate synthase) (Dimethylallyltranstransferase) (EC 2.5.1.1) (Farnesyl diphosphate synthase) (Farnesyltranstransferase) (EC 2.5.1.29) (Geranylgeranyl diphosphate synthase) (Geranyltranstransferase) (EC 2.5.1.10) |
| HS74L\_HUMAN | Heat shock 70 kDa protein 4L (Heat shock 70-related protein APG-1) (Osmotic stress protein 94) |
| LSM8\_HUMAN | U6 snRNA-associated Sm-like protein LSm8 |
| AP2A1\_HUMAN | AP-2 complex subunit alpha-1 (100 kDa coated vesicle protein A) (Adaptor protein complex AP-2 subunit alpha-1) (Adaptor-related protein complex 2 subunit alpha-1) (Alpha-adaptin A) (Alpha1-adaptin) (Clathrin assembly protein complex 2 alpha-A large chain) (Plasma membrane adaptor HA2/AP2 adaptin alpha A subunit) |
| STAU1\_HUMAN | Double-stranded RNA-binding protein Staufen homolog 1 |
| SDPR\_HUMAN | Serum deprivation-response protein (Cavin-2) (PS-p68) (Phosphatidylserine-binding protein) |
| BAG2\_HUMAN | BAG family molecular chaperone regulator 2 (BAG-2) (Bcl-2-associated athanogene 2) |
| BAG3\_HUMAN | BAG family molecular chaperone regulator 3 (BAG-3) (Bcl-2-associated athanogene 3) (Bcl-2-binding protein Bis) (Docking protein CAIR-1) |
| DCMC\_HUMAN | Malonyl-CoA decarboxylase, mitochondrial (MCD) (EC 4.1.1.9) |
| QORL1\_HUMAN | Quinone oxidoreductase-like protein 1 (EC 1.-.-.-) (Protein 4P11) (Quinone oxidoreductase homolog 1) (QOH-1) (Zeta-crystallin homolog) |
| AIFM1\_HUMAN | Apoptosis-inducing factor 1, mitochondrial (EC 1.1.1.-) (Programmed cell death protein 8) |
| EMAL2\_HUMAN | Echinoderm microtubule-associated protein-like 2 (EMAP-2) (HuEMAP-2) |
| BPNT1\_HUMAN | 3'(2'),5'-bisphosphate nucleotidase 1 (EC 3.1.3.7) (Bisphosphate 3'-nucleotidase 1) (PAP-inositol 1,4-phosphatase) (PIP) |
| DDAH2\_HUMAN | N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 (DDAH-2) (Dimethylarginine dimethylaminohydrolase 2) (EC 3.5.3.18) (DDAHII) (Dimethylargininase-2) (Protein G6a) (S-phase protein) |
| ABHGA\_HUMAN | Abhydrolase domain-containing protein 16A (EC 3.-.-.-) (HLA-B-associated transcript 5) (Protein G5) |
| TXD12\_HUMAN | Thioredoxin domain-containing protein 12 (EC 1.8.4.2) (Endoplasmic reticulum resident protein 18) (ER protein 18) (ERp18) (Endoplasmic reticulum resident protein 19) (ER protein 19) (ERp19) (Thioredoxin-like protein p19) (hTLP19) |
| FBLN4\_HUMAN | EGF-containing fibulin-like extracellular matrix protein 2 (Fibulin-4) (FIBL-4) (Protein UPH1) |
| BMP15\_HUMAN | Bone morphogenetic protein 15 (BMP-15) (Growth/differentiation factor 9B) (GDF-9B) |
| NUDT3\_HUMAN | Diphosphoinositol polyphosphate phosphohydrolase 1 (DIPP-1) (EC 3.6.1.52) (Diadenosine 5',5'''-P1,P6-hexaphosphate hydrolase 1) (EC 3.6.1.-) (Nucleoside diphosphate-linked moiety X motif 3) (Nudix motif 3) |
| GAS8\_HUMAN | Growth arrest-specific protein 8 (GAS-8) (Growth arrest-specific protein 11) (GAS-11) |
| APC2\_HUMAN | Adenomatous polyposis coli protein 2 (Adenomatous polyposis coli protein-like) (APC-like) |
| NDUBA\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (Complex I-PDSW) (CI-PDSW) (NADH-ubiquinone oxidoreductase PDSW subunit) |
| CLPT1\_HUMAN | Cleft lip and palate transmembrane protein 1 |
| ZBED1\_HUMAN | Zinc finger BED domain-containing protein 1 (Putative Ac-like transposable element) (dREF homolog) |
| MOC2B\_HUMAN | Molybdopterin synthase catalytic subunit (EC 2.8.1.12) (MOCO1-B) (Molybdenum cofactor synthesis protein 2 large subunit) (Molybdenum cofactor synthesis protein 2B) (MOCS2B) (Molybdopterin-synthase large subunit) (MPT synthase large subunit) |
| TOM40\_HUMAN | Mitochondrial import receptor subunit TOM40 homolog (Protein Haymaker) (Translocase of outer membrane 40 kDa subunit homolog) (p38.5) |
| PAK4\_HUMAN | Serine/threonine-protein kinase PAK 4 (EC 2.7.11.1) (p21-activated kinase 4) (PAK-4) |
| ACL6A\_HUMAN | Actin-like protein 6A (53 kDa BRG1-associated factor A) (Actin-related protein Baf53a) (ArpNbeta) (BRG1-associated factor 53A) (BAF53A) (INO80 complex subunit K) |
| MOC2A\_HUMAN | Molybdopterin synthase sulfur carrier subunit (MOCO1-A) (Molybdenum cofactor synthesis protein 2 small subunit) (Molybdenum cofactor synthesis protein 2A) (MOCS2A) (Molybdopterin-synthase small subunit) (Sulfur carrier protein MOCS2A) |
| CYB\_HUMAN | Cytochrome b (Complex III subunit 3) (Complex III subunit III) (Cytochrome b-c1 complex subunit 3) (Ubiquinol-cytochrome-c reductase complex cytochrome b subunit) |
| CYB5\_HUMAN | Cytochrome b5 (Microsomal cytochrome b5 type A) (MCB5) |
| ADH1B\_HUMAN | Alcohol dehydrogenase 1B (EC 1.1.1.1) (Alcohol dehydrogenase subunit beta) |
| LDHA\_HUMAN | L-lactate dehydrogenase A chain (LDH-A) (EC 1.1.1.27) (Cell proliferation-inducing gene 19 protein) (LDH muscle subunit) (LDH-M) (Renal carcinoma antigen NY-REN-59) |
| AL1A1\_HUMAN | Retinal dehydrogenase 1 (RALDH 1) (RalDH1) (EC 1.2.1.36) (ALDH-E1) (ALHDII) (Aldehyde dehydrogenase family 1 member A1) (Aldehyde dehydrogenase, cytosolic) |
| DHE3\_HUMAN | Glutamate dehydrogenase 1, mitochondrial (GDH 1) (EC 1.4.1.3) |
| NB5R3\_HUMAN | NADH-cytochrome b5 reductase 3 (B5R) (Cytochrome b5 reductase) (EC 1.6.2.2) (Diaphorase-1) [Cleaved into: NADH-cytochrome b5 reductase 3 membrane-bound form; NADH-cytochrome b5 reductase 3 soluble form] |
| GSHR\_HUMAN | Glutathione reductase, mitochondrial (GR) (GRase) (EC 1.8.1.7) |
| COX1\_HUMAN | Cytochrome c oxidase subunit 1 (EC 1.9.3.1) (Cytochrome c oxidase polypeptide I) |
| COX2\_HUMAN | Cytochrome c oxidase subunit 2 (Cytochrome c oxidase polypeptide II) |
| COX3\_HUMAN | Cytochrome c oxidase subunit 3 (Cytochrome c oxidase polypeptide III) |
| SODC\_HUMAN | Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) (Superoxide dismutase 1) (hSod1) |
| CERU\_HUMAN | Ceruloplasmin (EC 1.16.3.1) (Ferroxidase) |
| FA8\_HUMAN | Coagulation factor VIII (Antihemophilic factor) (AHF) (Procoagulant component) [Cleaved into: Factor VIIIa heavy chain, 200 kDa isoform; Factor VIIIa heavy chain, 92 kDa isoform; Factor VIII B chain; Factor VIIIa light chain] |
| F13A\_HUMAN | Coagulation factor XIII A chain (Coagulation factor XIIIa) (EC 2.3.2.13) (Protein-glutamine gamma-glutamyltransferase A chain) (Transglutaminase A chain) |
| PNPH\_HUMAN | Purine nucleoside phosphorylase (PNP) (EC 2.4.2.1) (Inosine phosphorylase) (Inosine-guanosine phosphorylase) |
| HPRT\_HUMAN | Hypoxanthine-guanine phosphoribosyltransferase (HGPRT) (HGPRTase) (EC 2.4.2.8) |
| AATM\_HUMAN | Aspartate aminotransferase, mitochondrial (mAspAT) (EC 2.6.1.1) (EC 2.6.1.7) (Fatty acid-binding protein) (FABP-1) (Glutamate oxaloacetate transaminase 2) (Kynurenine aminotransferase 4) (Kynurenine aminotransferase IV) (Kynurenine--oxoglutarate transaminase 4) (Kynurenine--oxoglutarate transaminase IV) (Plasma membrane-associated fatty acid-binding protein) (FABPpm) (Transaminase A) |
| PGK1\_HUMAN | Phosphoglycerate kinase 1 (EC 2.7.2.3) (Cell migration-inducing gene 10 protein) (Primer recognition protein 2) (PRP 2) |
| KAD1\_HUMAN | Adenylate kinase isoenzyme 1 (AK 1) (EC 2.7.4.3) (EC 2.7.4.6) (ATP-AMP transphosphorylase 1) (ATP:AMP phosphotransferase) (Adenylate monophosphate kinase) (Myokinase) |
| THRB\_HUMAN | Prothrombin (EC 3.4.21.5) (Coagulation factor II) [Cleaved into: Activation peptide fragment 1; Activation peptide fragment 2; Thrombin light chain; Thrombin heavy chain] |
| C1R\_HUMAN | Complement C1r subcomponent (EC 3.4.21.41) (Complement component 1 subcomponent r) [Cleaved into: Complement C1r subcomponent heavy chain; Complement C1r subcomponent light chain] |
| HPT\_HUMAN | Haptoglobin (Zonulin) [Cleaved into: Haptoglobin alpha chain; Haptoglobin beta chain] |
| HPTR\_HUMAN | Haptoglobin-related protein |
| CFAD\_HUMAN | Complement factor D (EC 3.4.21.46) (Adipsin) (C3 convertase activator) (Properdin factor D) |
| PLMN\_HUMAN | Plasminogen (EC 3.4.21.7) [Cleaved into: Plasmin heavy chain A; Activation peptide; Angiostatin; Plasmin heavy chain A, short form; Plasmin light chain B] |
| FA12\_HUMAN | Coagulation factor XII (EC 3.4.21.38) (Hageman factor) (HAF) [Cleaved into: Coagulation factor XIIa heavy chain; Beta-factor XIIa part 1; Coagulation factor XIIa light chain (Beta-factor XIIa part 2)] |
| CFAB\_HUMAN | Complement factor B (EC 3.4.21.47) (C3/C5 convertase) (Glycine-rich beta glycoprotein) (GBG) (PBF2) (Properdin factor B) [Cleaved into: Complement factor B Ba fragment; Complement factor B Bb fragment] |
| ADA\_HUMAN | Adenosine deaminase (EC 3.5.4.4) (Adenosine aminohydrolase) |
| ATP6\_HUMAN | ATP synthase subunit a (F-ATPase protein 6) |
| CAH1\_HUMAN | Carbonic anhydrase 1 (EC 4.2.1.1) (Carbonate dehydratase I) (Carbonic anhydrase B) (CAB) (Carbonic anhydrase I) (CA-I) |
| CAH2\_HUMAN | Carbonic anhydrase 2 (EC 4.2.1.1) (Carbonate dehydratase II) (Carbonic anhydrase C) (CAC) (Carbonic anhydrase II) (CA-II) |
| ASSY\_HUMAN | Argininosuccinate synthase (EC 6.3.4.5) (Citrulline--aspartate ligase) |
| ISK1\_HUMAN | Serine protease inhibitor Kazal-type 1 (Pancreatic secretory trypsin inhibitor) (Tumor-associated trypsin inhibitor) (TATI) |
| ANT3\_HUMAN | Antithrombin-III (ATIII) (Serpin C1) |
| A1AT\_HUMAN | Alpha-1-antitrypsin (Alpha-1 protease inhibitor) (Alpha-1-antiproteinase) (Serpin A1) [Cleaved into: Short peptide from AAT (SPAAT)] |
| AACT\_HUMAN | Alpha-1-antichymotrypsin (ACT) (Cell growth-inhibiting gene 24/25 protein) (Serpin A3) [Cleaved into: Alpha-1-antichymotrypsin His-Pro-less] |
| ANGT\_HUMAN | Angiotensinogen (Serpin A8) [Cleaved into: Angiotensin-1 (Angiotensin 1-10) (Angiotensin I) (Ang I); Angiotensin-2 (Angiotensin 1-8) (Angiotensin II) (Ang II); Angiotensin-3 (Angiotensin 2-8) (Angiotensin III) (Ang III) (Des-Asp[1]-angiotensin II); Angiotensin-4 (Angiotensin 3-8) (Angiotensin IV) (Ang IV); Angiotensin 1-9; Angiotensin 1-7; Angiotensin 1-5; Angiotensin 1-4] |
| A2MG\_HUMAN | Alpha-2-macroglobulin (Alpha-2-M) (C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5) |
| CO3\_HUMAN | Complement C3 (C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1) [Cleaved into: Complement C3 beta chain; C3-beta-c (C3bc); Complement C3 alpha chain; C3a anaphylatoxin; Acylation stimulating protein (ASP) (C3adesArg); Complement C3b alpha' chain; Complement C3c alpha' chain fragment 1; Complement C3dg fragment; Complement C3g fragment; Complement C3d fragment; Complement C3f fragment; Complement C3c alpha' chain fragment 2] |
| CO5\_HUMAN | Complement C5 (C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4) [Cleaved into: Complement C5 beta chain; Complement C5 alpha chain; C5a anaphylatoxin; Complement C5 alpha' chain] |
| CYTC\_HUMAN | Cystatin-C (Cystatin-3) (Gamma-trace) (Neuroendocrine basic polypeptide) (Post-gamma-globulin) |
| CYTA\_HUMAN | Cystatin-A (Cystatin-AS) (Stefin-A) [Cleaved into: Cystatin-A, N-terminally processed] |
| KNG1\_HUMAN | Kininogen-1 (Alpha-2-thiol proteinase inhibitor) (Fitzgerald factor) (High molecular weight kininogen) (HMWK) (Williams-Fitzgerald-Flaujeac factor) [Cleaved into: Kininogen-1 heavy chain; T-kinin (Ile-Ser-Bradykinin); Bradykinin (Kallidin I); Lysyl-bradykinin (Kallidin II); Kininogen-1 light chain; Low molecular weight growth-promoting factor] |
| RASH\_HUMAN | GTPase HRas (H-Ras-1) (Ha-Ras) (Transforming protein p21) (c-H-ras) (p21ras) [Cleaved into: GTPase HRas, N-terminally processed] |
| IFNB\_HUMAN | Interferon beta (IFN-beta) (Fibroblast interferon) |
| IFNG\_HUMAN | Interferon gamma (IFN-gamma) (Immune interferon) |
| IGJ\_HUMAN | Immunoglobulin J chain |
| PIGR\_HUMAN | Polymeric immunoglobulin receptor (PIgR) (Poly-Ig receptor) (Hepatocellular carcinoma-associated protein TB6) [Cleaved into: Secretory component] |
| IGKC\_HUMAN | Ig kappa chain C region |
| IGHG1\_HUMAN | Ig gamma-1 chain C region |
| IGHG2\_HUMAN | Ig gamma-2 chain C region |
| IGHG3\_HUMAN | Ig gamma-3 chain C region (HDC) (Heavy chain disease protein) |
| IGHG4\_HUMAN | Ig gamma-4 chain C region |
| IGHM\_HUMAN | Ig mu chain C region |
| IGHA1\_HUMAN | Ig alpha-1 chain C region |
| IGHA2\_HUMAN | Ig alpha-2 chain C region |
| IGHD\_HUMAN | Ig delta chain C region |
| 1B07\_HUMAN | HLA class I histocompatibility antigen, B-7 alpha chain (MHC class I antigen B\*7) |
| 1A02\_HUMAN | HLA class I histocompatibility antigen, A-2 alpha chain (MHC class I antigen A\*2) |
| DRA\_HUMAN | HLA class II histocompatibility antigen, DR alpha chain (MHC class II antigen DRA) |
| 2B13\_HUMAN | HLA class II histocompatibility antigen, DRB1-3 chain (Clone P2-beta-3) (MHC class II antigen DRB1\*3) |
| HBAZ\_HUMAN | Hemoglobin subunit zeta (HBAZ) (Hemoglobin zeta chain) (Zeta-globin) |
| HBD\_HUMAN | Hemoglobin subunit delta (Delta-globin) (Hemoglobin delta chain) |
| HBE\_HUMAN | Hemoglobin subunit epsilon (Epsilon-globin) (Hemoglobin epsilon chain) |
| MYG\_HUMAN | Myoglobin |
| CO1A1\_HUMAN | Collagen alpha-1(I) chain (Alpha-1 type I collagen) |
| CO3A1\_HUMAN | Collagen alpha-1(III) chain |
| CO4A1\_HUMAN | Collagen alpha-1(IV) chain [Cleaved into: Arresten] |
| CRYAB\_HUMAN | Alpha-crystallin B chain (Alpha(B)-crystallin) (Heat shock protein beta-5) (HspB5) (Renal carcinoma antigen NY-REN-27) (Rosenthal fiber component) |
| K1C14\_HUMAN | Keratin, type I cytoskeletal 14 (Cytokeratin-14) (CK-14) (Keratin-14) (K14) |
| K2C6A\_HUMAN | Keratin, type II cytoskeletal 6A (Cytokeratin-6A) (CK-6A) (Cytokeratin-6D) (CK-6D) (Keratin-6A) (K6A) (Type-II keratin Kb6) (allergen Hom s 5) |
| LMNA\_HUMAN | Prelamin-A/C [Cleaved into: Lamin-A/C (70 kDa lamin) (Renal carcinoma antigen NY-REN-32)] |
| SPTA1\_HUMAN | Spectrin alpha chain, erythrocytic 1 (Erythroid alpha-spectrin) |
| TNNC2\_HUMAN | Troponin C, skeletal muscle |
| APOA1\_HUMAN | Apolipoprotein A-I (Apo-AI) (ApoA-I) (Apolipoprotein A1) [Cleaved into: Proapolipoprotein A-I (ProapoA-I); Truncated apolipoprotein A-I (Apolipoprotein A-I(1-242))] |
| APOE\_HUMAN | Apolipoprotein E (Apo-E) |
| APOA2\_HUMAN | Apolipoprotein A-II (Apo-AII) (ApoA-II) (Apolipoprotein A2) [Cleaved into: Proapolipoprotein A-II (ProapoA-II); Truncated apolipoprotein A-II (Apolipoprotein A-II(1-76))] |
| APOC1\_HUMAN | Apolipoprotein C-I (Apo-CI) (ApoC-I) (Apolipoprotein C1) [Cleaved into: Truncated apolipoprotein C-I] |
| APOC2\_HUMAN | Apolipoprotein C-II (Apo-CII) (ApoC-II) (Apolipoprotein C2) [Cleaved into: Proapolipoprotein C-II (ProapoC-II)] |
| APOC3\_HUMAN | Apolipoprotein C-III (Apo-CIII) (ApoC-III) (Apolipoprotein C3) |
| FIBA\_HUMAN | Fibrinogen alpha chain [Cleaved into: Fibrinopeptide A; Fibrinogen alpha chain] |
| FIBB\_HUMAN | Fibrinogen beta chain [Cleaved into: Fibrinopeptide B; Fibrinogen beta chain] |
| FIBG\_HUMAN | Fibrinogen gamma chain |
| MBP\_HUMAN | Myelin basic protein (MBP) (Myelin A1 protein) (Myelin membrane encephalitogenic protein) |
| GLPA\_HUMAN | Glycophorin-A (MN sialoglycoprotein) (PAS-2) (Sialoglycoprotein alpha) (CD antigen CD235a) |
| B3AT\_HUMAN | Band 3 anion transport protein (Anion exchange protein 1) (AE 1) (Anion exchanger 1) (Solute carrier family 4 member 1) (CD antigen CD233) |
| SAMP\_HUMAN | Serum amyloid P-component (SAP) (9.5S alpha-1-glycoprotein) [Cleaved into: Serum amyloid P-component(1-203)] |
| C1QB\_HUMAN | Complement C1q subcomponent subunit B |
| C1QC\_HUMAN | Complement C1q subcomponent subunit C |
| CO9\_HUMAN | Complement component C9 [Cleaved into: Complement component C9a; Complement component C9b] |
| APOH\_HUMAN | Beta-2-glycoprotein 1 (APC inhibitor) (Activated protein C-binding protein) (Anticardiolipin cofactor) (Apolipoprotein H) (Apo-H) (Beta-2-glycoprotein I) (B2GPI) (Beta(2)GPI) |
| A2GL\_HUMAN | Leucine-rich alpha-2-glycoprotein (LRG) |
| FINC\_HUMAN | Fibronectin (FN) (Cold-insoluble globulin) (CIG) [Cleaved into: Anastellin; Ugl-Y1; Ugl-Y2; Ugl-Y3] |
| RET4\_HUMAN | Retinol-binding protein 4 (Plasma retinol-binding protein) (PRBP) (RBP) [Cleaved into: Plasma retinol-binding protein(1-182); Plasma retinol-binding protein(1-181); Plasma retinol-binding protein(1-179); Plasma retinol-binding protein(1-176)] |
| AMBP\_HUMAN | Protein AMBP [Cleaved into: Alpha-1-microglobulin (Protein HC) (Alpha-1 microglycoprotein) (Complex-forming glycoprotein heterogeneous in charge); Inter-alpha-trypsin inhibitor light chain (ITI-LC) (Bikunin) (EDC1) (HI-30) (Uronic-acid-rich protein); Trypstatin] |
| A1AG1\_HUMAN | Alpha-1-acid glycoprotein 1 (AGP 1) (Orosomucoid-1) (OMD 1) |
| FETUA\_HUMAN | Alpha-2-HS-glycoprotein (Alpha-2-Z-globulin) (Ba-alpha-2-glycoprotein) (Fetuin-A) [Cleaved into: Alpha-2-HS-glycoprotein chain A; Alpha-2-HS-glycoprotein chain B] |
| TTHY\_HUMAN | Transthyretin (ATTR) (Prealbumin) (TBPA) |
| ALBU\_HUMAN | Serum albumin |
| VTDB\_HUMAN | Vitamin D-binding protein (DBP) (VDB) (Gc protein-derived macrophage activating factor) (Gc-MAF) (GcMAF) (Gc-globulin) (Group-specific component) (Gc) (Vitamin D-binding protein-macrophage activating factor) (DBP-maf) |
| CXCL7\_HUMAN | Platelet basic protein (PBP) (C-X-C motif chemokine 7) (Leukocyte-derived growth factor) (LDGF) (Macrophage-derived growth factor) (MDGF) (Small-inducible cytokine B7) [Cleaved into: Connective tissue-activating peptide III (CTAP-III) (LA-PF4) (Low-affinity platelet factor IV); TC-2; Connective tissue-activating peptide III(1-81) (CTAP-III(1-81)); Beta-thromboglobulin (Beta-TG); Neutrophil-activating peptide 2(74) (NAP-2(74)); Neutrophil-activating peptide 2(73) (NAP-2(73)); Neutrophil-activating peptide 2 (NAP-2); TC-1; Neutrophil-activating peptide 2(1-66) (NAP-2(1-66)); Neutrophil-activating peptide 2(1-63) (NAP-2(1-63))] |
| TFR1\_HUMAN | Transferrin receptor protein 1 (TR) (TfR) (TfR1) (Trfr) (T9) (p90) (CD antigen CD71) [Cleaved into: Transferrin receptor protein 1, serum form (sTfR)] |
| TRFE\_HUMAN | Serotransferrin (Transferrin) (Beta-1 metal-binding globulin) (Siderophilin) |
| TRFL\_HUMAN | Lactotransferrin (Lactoferrin) (EC 3.4.21.-) (Growth-inhibiting protein 12) (Talalactoferrin) [Cleaved into: Lactoferricin-H (Lfcin-H); Kaliocin-1; Lactoferroxin-A; Lactoferroxin-B; Lactoferroxin-C] |
| HEMO\_HUMAN | Hemopexin (Beta-1B-glycoprotein) |
| FRIL\_HUMAN | Ferritin light chain (Ferritin L subunit) |
| FRIH\_HUMAN | Ferritin heavy chain (Ferritin H subunit) (EC 1.16.3.1) (Cell proliferation-inducing gene 15 protein) [Cleaved into: Ferritin heavy chain, N-terminally processed] |
| NU1M\_HUMAN | NADH-ubiquinone oxidoreductase chain 1 (EC 1.6.5.3) (NADH dehydrogenase subunit 1) |
| NU2M\_HUMAN | NADH-ubiquinone oxidoreductase chain 2 (EC 1.6.5.3) (NADH dehydrogenase subunit 2) |
| NU3M\_HUMAN | NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) |
| NU4M\_HUMAN | NADH-ubiquinone oxidoreductase chain 4 (EC 1.6.5.3) (NADH dehydrogenase subunit 4) |
| NU5M\_HUMAN | NADH-ubiquinone oxidoreductase chain 5 (EC 1.6.5.3) (NADH dehydrogenase subunit 5) |
| NU6M\_HUMAN | NADH-ubiquinone oxidoreductase chain 6 (EC 1.6.5.3) (NADH dehydrogenase subunit 6) |
| ATP8\_HUMAN | ATP synthase protein 8 (A6L) (F-ATPase subunit 8) |
| C4BPA\_HUMAN | C4b-binding protein alpha chain (C4bp) (Proline-rich protein) (PRP) |
| VTNC\_HUMAN | Vitronectin (VN) (S-protein) (Serum-spreading factor) (V75) [Cleaved into: Vitronectin V65 subunit; Vitronectin V10 subunit; Somatomedin-B] |
| CATA\_HUMAN | Catalase (EC 1.11.1.6) |
| RAF1\_HUMAN | RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Proto-oncogene c-RAF) (cRaf) (Raf-1) |
| ALDOA\_HUMAN | Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Lung cancer antigen NY-LU-1) (Muscle-type aldolase) |
| CYTB\_HUMAN | Cystatin-B (CPI-B) (Liver thiol proteinase inhibitor) (Stefin-B) |
| ANXA1\_HUMAN | Annexin A1 (Annexin I) (Annexin-1) (Calpactin II) (Calpactin-2) (Chromobindin-9) (Lipocortin I) (Phospholipase A2 inhibitory protein) (p35) |
| APOB\_HUMAN | Apolipoprotein B-100 (Apo B-100) [Cleaved into: Apolipoprotein B-48 (Apo B-48)] |
| PRIO\_HUMAN | Major prion protein (PrP) (ASCR) (PrP27-30) (PrP33-35C) (CD antigen CD230) |
| SODM\_HUMAN | Superoxide dismutase [Mn], mitochondrial (EC 1.15.1.1) |
| HRG\_HUMAN | Histidine-rich glycoprotein (Histidine-proline-rich glycoprotein) (HPRG) |
| THY1\_HUMAN | Thy-1 membrane glycoprotein (CDw90) (Thy-1 antigen) (CD antigen CD90) |
| A1BG\_HUMAN | Alpha-1B-glycoprotein (Alpha-1-B glycoprotein) |
| 2B11\_HUMAN | HLA class II histocompatibility antigen, DRB1-1 beta chain (MHC class II antigen DRB1\*1) (DR-1) (DR1) |
| HG2A\_HUMAN | HLA class II histocompatibility antigen gamma chain (HLA-DR antigens-associated invariant chain) (Ia antigen-associated invariant chain) (Ii) (p33) (CD antigen CD74) |
| K2C6B\_HUMAN | Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK-6B) (Keratin-6B) (K6B) (Type-II keratin Kb10) |
| K2C1\_HUMAN | Keratin, type II cytoskeletal 1 (67 kDa cytokeratin) (Cytokeratin-1) (CK-1) (Hair alpha protein) (Keratin-1) (K1) (Type-II keratin Kb1) |
| VWF\_HUMAN | von Willebrand factor (vWF) [Cleaved into: von Willebrand antigen 2 (von Willebrand antigen II)] |
| SEMG1\_HUMAN | Semenogelin-1 (Cancer/testis antigen 103) (Semenogelin I) (SGI) [Cleaved into: Alpha-inhibin-92; Alpha-inhibin-31; Seminal basic protein] |
| TBB4A\_HUMAN | Tubulin beta-4A chain (Tubulin 5 beta) (Tubulin beta-4 chain) |
| G3P\_HUMAN | Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) (EC 1.2.1.12) (Peptidyl-cysteine S-nitrosylase GAPDH) (EC 2.6.99.-) |
| 1A03\_HUMAN | HLA class I histocompatibility antigen, A-3 alpha chain (MHC class I antigen A\*3) |
| CPNS1\_HUMAN | Calpain small subunit 1 (CSS1) (Calcium-activated neutral proteinase small subunit) (CANP small subunit) (Calcium-dependent protease small subunit) (CDPS) (Calcium-dependent protease small subunit 1) (Calpain regulatory subunit) |
| MT1A\_HUMAN | Metallothionein-1A (MT-1A) (Metallothionein-IA) (MT-IA) |
| MT1E\_HUMAN | Metallothionein-1E (MT-1E) (Metallothionein-IE) (MT-IE) |
| HSPB1\_HUMAN | Heat shock protein beta-1 (HspB1) (28 kDa heat shock protein) (Estrogen-regulated 24 kDa protein) (Heat shock 27 kDa protein) (HSP 27) (Stress-responsive protein 27) (SRP27) |
| CY24B\_HUMAN | Cytochrome b-245 heavy chain (EC 1.-.-.-) (CGD91-phox) (Cytochrome b(558) subunit beta) (Cytochrome b558 subunit beta) (Heme-binding membrane glycoprotein gp91phox) (NADPH oxidase 2) (Neutrophil cytochrome b 91 kDa polypeptide) (Superoxide-generating NADPH oxidase heavy chain subunit) (gp91-1) (gp91-phox) (p22 phagocyte B-cytochrome) |
| RPN1\_HUMAN | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 (EC 2.4.99.18) (Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit) (Ribophorin I) (RPN-I) (Ribophorin-1) |
| RPN2\_HUMAN | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 (EC 2.4.99.18) (Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit) (RIBIIR) (Ribophorin II) (RPN-II) (Ribophorin-2) |
| GNAI2\_HUMAN | Guanine nucleotide-binding protein G(i) subunit alpha-2 (Adenylate cyclase-inhibiting G alpha protein) |
| H2A1B\_HUMAN | Histone H2A type 1-B/E (Histone H2A.2) (Histone H2A/a) (Histone H2A/m) |
| GLPC\_HUMAN | Glycophorin-C (Glycoconnectin) (Glycophorin-D) (GPD) (Glycoprotein beta) (PAS-2') (Sialoglycoprotein D) (CD antigen CD236) |
| IFNW1\_HUMAN | Interferon omega-1 (Interferon alpha-II-1) |
| AT1A1\_HUMAN | Sodium/potassium-transporting ATPase subunit alpha-1 (Na(+)/K(+) ATPase alpha-1 subunit) (EC 3.6.3.9) (Sodium pump subunit alpha-1) |
| AT1B1\_HUMAN | Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase subunit beta-1) |
| SCG1\_HUMAN | Secretogranin-1 (Chromogranin-B) (CgB) (Secretogranin I) (SgI) [Cleaved into: PE-11; GAWK peptide; CCB peptide] |
| ALDOB\_HUMAN | Fructose-bisphosphate aldolase B (EC 4.1.2.13) (Liver-type aldolase) |
| ARGI1\_HUMAN | Arginase-1 (EC 3.5.3.1) (Liver-type arginase) (Type I arginase) |
| APOD\_HUMAN | Apolipoprotein D (Apo-D) (ApoD) |
| ALDH2\_HUMAN | Aldehyde dehydrogenase, mitochondrial (EC 1.2.1.3) (ALDH class 2) (ALDH-E2) (ALDHI) |
| ITB3\_HUMAN | Integrin beta-3 (Platelet membrane glycoprotein IIIa) (GPIIIa) (CD antigen CD61) |
| S10A8\_HUMAN | Protein S100-A8 (Calgranulin-A) (Calprotectin L1L subunit) (Cystic fibrosis antigen) (CFAG) (Leukocyte L1 complex light chain) (Migration inhibitory factor-related protein 8) (MRP-8) (p8) (S100 calcium-binding protein A8) (Urinary stone protein band A) [Cleaved into: Protein S100-A8, N-terminally processed] |
| PAI2\_HUMAN | Plasminogen activator inhibitor 2 (PAI-2) (Monocyte Arg-serpin) (Placental plasminogen activator inhibitor) (Serpin B2) (Urokinase inhibitor) |
| ADT2\_HUMAN | ADP/ATP translocase 2 (ADP,ATP carrier protein 2) (ADP,ATP carrier protein, fibroblast isoform) (Adenine nucleotide translocator 2) (ANT 2) (Solute carrier family 25 member 5) [Cleaved into: ADP/ATP translocase 2, N-terminally processed] |
| IPSP\_HUMAN | Plasma serine protease inhibitor (Acrosomal serine protease inhibitor) (Plasminogen activator inhibitor 3) (PAI-3) (PAI3) (Protein C inhibitor) (PCI) (Serpin A5) |
| IC1\_HUMAN | Plasma protease C1 inhibitor (C1 Inh) (C1Inh) (C1 esterase inhibitor) (C1-inhibiting factor) (Serpin G1) |
| ISG15\_HUMAN | Ubiquitin-like protein ISG15 (Interferon-induced 15 kDa protein) (Interferon-induced 17 kDa protein) (IP17) (Ubiquitin cross-reactive protein) (hUCRP) |
| PERM\_HUMAN | Myeloperoxidase (MPO) (EC 1.11.2.2) [Cleaved into: Myeloperoxidase; 89 kDa myeloperoxidase; 84 kDa myeloperoxidase; Myeloperoxidase light chain; Myeloperoxidase heavy chain] |
| PCCA\_HUMAN | Propionyl-CoA carboxylase alpha chain, mitochondrial (PCCase subunit alpha) (EC 6.4.1.3) (Propanoyl-CoA:carbon dioxide ligase subunit alpha) |
| PCCB\_HUMAN | Propionyl-CoA carboxylase beta chain, mitochondrial (PCCase subunit beta) (EC 6.4.1.3) (Propanoyl-CoA:carbon dioxide ligase subunit beta) |
| IF2A\_HUMAN | Eukaryotic translation initiation factor 2 subunit 1 (Eukaryotic translation initiation factor 2 subunit alpha) (eIF-2-alpha) (eIF-2A) (eIF-2alpha) |
| HMGN2\_HUMAN | Non-histone chromosomal protein HMG-17 (High mobility group nucleosome-binding domain-containing protein 2) |
| FGF1\_HUMAN | Fibroblast growth factor 1 (FGF-1) (Acidic fibroblast growth factor) (aFGF) (Endothelial cell growth factor) (ECGF) (Heparin-binding growth factor 1) (HBGF-1) |
| RLA1\_HUMAN | 60S acidic ribosomal protein P1 |
| RLA2\_HUMAN | 60S acidic ribosomal protein P2 (Renal carcinoma antigen NY-REN-44) |
| RLA0\_HUMAN | 60S acidic ribosomal protein P0 (60S ribosomal protein L10E) |
| FABPH\_HUMAN | Fatty acid-binding protein, heart (Fatty acid-binding protein 3) (Heart-type fatty acid-binding protein) (H-FABP) (Mammary-derived growth inhibitor) (MDGI) (Muscle fatty acid-binding protein) (M-FABP) |
| TETN\_HUMAN | Tetranectin (TN) (C-type lectin domain family 3 member B) (Plasminogen kringle 4-binding protein) |
| LA\_HUMAN | Lupus La protein (La autoantigen) (La ribonucleoprotein) (Sjoegren syndrome type B antigen) (SS-B) |
| AT5G1\_HUMAN | ATP synthase F(0) complex subunit C1, mitochondrial (ATP synthase lipid-binding protein) (ATP synthase proteolipid P1) (ATP synthase proton-transporting mitochondrial F(0) complex subunit C1) (ATPase protein 9) (ATPase subunit c) |
| HEP2\_HUMAN | Heparin cofactor 2 (Heparin cofactor II) (HC-II) (Protease inhibitor leuserpin-2) (HLS2) (Serpin D1) |
| ITB1\_HUMAN | Integrin beta-1 (Fibronectin receptor subunit beta) (Glycoprotein IIa) (GPIIA) (VLA-4 subunit beta) (CD antigen CD29) |
| KPCB\_HUMAN | Protein kinase C beta type (PKC-B) (PKC-beta) (EC 2.7.11.13) |
| CALB1\_HUMAN | Calbindin (Calbindin D28) (D-28K) (Vitamin D-dependent calcium-binding protein, avian-type) |
| MYL1\_HUMAN | Myosin light chain 1/3, skeletal muscle isoform (MLC1/MLC3) (MLC1F/MLC3F) (Myosin light chain alkali 1/2) (Myosin light chain A1/A2) |
| CO5A2\_HUMAN | Collagen alpha-2(V) chain |
| DCUP\_HUMAN | Uroporphyrinogen decarboxylase (UPD) (URO-D) (EC 4.1.1.37) |
| GELS\_HUMAN | Gelsolin (AGEL) (Actin-depolymerizing factor) (ADF) (Brevin) |
| PTMA\_HUMAN | Prothymosin alpha [Cleaved into: Prothymosin alpha, N-terminally processed; Thymosin alpha-1] |
| ATPB\_HUMAN | ATP synthase subunit beta, mitochondrial (EC 3.6.3.14) |
| S10A9\_HUMAN | Protein S100-A9 (Calgranulin-B) (Calprotectin L1H subunit) (Leukocyte L1 complex heavy chain) (Migration inhibitory factor-related protein 14) (MRP-14) (p14) (S100 calcium-binding protein A9) |
| S10A6\_HUMAN | Protein S100-A6 (Calcyclin) (Growth factor-inducible protein 2A9) (MLN 4) (Prolactin receptor-associated protein) (PRA) (S100 calcium-binding protein A6) |
| APOA4\_HUMAN | Apolipoprotein A-IV (Apo-AIV) (ApoA-IV) (Apolipoprotein A4) |
| IF4E\_HUMAN | Eukaryotic translation initiation factor 4E (eIF-4E) (eIF4E) (eIF-4F 25 kDa subunit) (mRNA cap-binding protein) |
| KCRM\_HUMAN | Creatine kinase M-type (EC 2.7.3.2) (Creatine kinase M chain) (M-CK) [Cleaved into: Creatine kinase M-type, N-terminally processed] |
| ENOA\_HUMAN | Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (C-myc promoter-binding protein) (Enolase 1) (MBP-1) (MPB-1) (Non-neural enolase) (NNE) (Phosphopyruvate hydratase) (Plasminogen-binding protein) |
| PYGL\_HUMAN | Glycogen phosphorylase, liver form (EC 2.4.1.1) |
| G6PI\_HUMAN | Glucose-6-phosphate isomerase (GPI) (EC 5.3.1.9) (Autocrine motility factor) (AMF) (Neuroleukin) (NLK) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Sperm antigen 36) (SA-36) |
| DPOLB\_HUMAN | DNA polymerase beta (EC 2.7.7.7) (EC 4.2.99.-) |
| NPM\_HUMAN | Nucleophosmin (NPM) (Nucleolar phosphoprotein B23) (Nucleolar protein NO38) (Numatrin) |
| TPM3\_HUMAN | Tropomyosin alpha-3 chain (Gamma-tropomyosin) (Tropomyosin-3) (Tropomyosin-5) (hTM5) |
| ITAV\_HUMAN | Integrin alpha-V (Vitronectin receptor subunit alpha) (CD antigen CD51) [Cleaved into: Integrin alpha-V heavy chain; Integrin alpha-V light chain] |
| H2B1J\_HUMAN | Histone H2B type 1-J (Histone H2B.1) (Histone H2B.r) (H2B/r) |
| HYEP\_HUMAN | Epoxide hydrolase 1 (EC 3.3.2.9) (Epoxide hydratase) (Microsomal epoxide hydrolase) |
| ACBP\_HUMAN | Acyl-CoA-binding protein (ACBP) (Diazepam-binding inhibitor) (DBI) (Endozepine) (EP) |
| LDHB\_HUMAN | L-lactate dehydrogenase B chain (LDH-B) (EC 1.1.1.27) (LDH heart subunit) (LDH-H) (Renal carcinoma antigen NY-REN-46) |
| GPX1\_HUMAN | Glutathione peroxidase 1 (GPx-1) (GSHPx-1) (EC 1.11.1.9) (Cellular glutathione peroxidase) |
| PGK2\_HUMAN | Phosphoglycerate kinase 2 (EC 2.7.2.3) (Phosphoglycerate kinase, testis specific) |
| PDIA1\_HUMAN | Protein disulfide-isomerase (PDI) (EC 5.3.4.1) (Cellular thyroid hormone-binding protein) (Prolyl 4-hydroxylase subunit beta) (p55) |
| H10\_HUMAN | Histone H1.0 (Histone H1') (Histone H1(0)) [Cleaved into: Histone H1.0, N-terminally processed] |
| ACYP1\_HUMAN | Acylphosphatase-1 (EC 3.6.1.7) (Acylphosphatase, erythrocyte isozyme) (Acylphosphatase, organ-common type isozyme) (Acylphosphate phosphohydrolase 1) |
| ADH1A\_HUMAN | Alcohol dehydrogenase 1A (EC 1.1.1.1) (Alcohol dehydrogenase subunit alpha) |
| CATD\_HUMAN | Cathepsin D (EC 3.4.23.5) [Cleaved into: Cathepsin D light chain; Cathepsin D heavy chain] |
| ANXA2\_HUMAN | Annexin A2 (Annexin II) (Annexin-2) (Calpactin I heavy chain) (Calpactin-1 heavy chain) (Chromobindin-8) (Lipocortin II) (Placental anticoagulant protein IV) (PAP-IV) (Protein I) (p36) |
| GP1BA\_HUMAN | Platelet glycoprotein Ib alpha chain (GP-Ib alpha) (GPIb-alpha) (GPIbA) (Glycoprotein Ibalpha) (Antigen CD42b-alpha) (CD antigen CD42b) [Cleaved into: Glycocalicin] |
| CO8G\_HUMAN | Complement component C8 gamma chain |
| CAN1\_HUMAN | Calpain-1 catalytic subunit (EC 3.4.22.52) (Calcium-activated neutral proteinase 1) (CANP 1) (Calpain mu-type) (Calpain-1 large subunit) (Cell proliferation-inducing gene 30 protein) (Micromolar-calpain) (muCANP) |
| TBB5\_HUMAN | Tubulin beta chain (Tubulin beta-5 chain) |
| CAH3\_HUMAN | Carbonic anhydrase 3 (EC 4.2.1.1) (Carbonate dehydratase III) (Carbonic anhydrase III) (CA-III) |
| TRY1\_HUMAN | Trypsin-1 (EC 3.4.21.4) (Beta-trypsin) (Cationic trypsinogen) (Serine protease 1) (Trypsin I) [Cleaved into: Alpha-trypsin chain 1; Alpha-trypsin chain 2] |
| TRY2\_HUMAN | Trypsin-2 (EC 3.4.21.4) (Anionic trypsinogen) (Serine protease 2) (Trypsin II) |
| PGS2\_HUMAN | Decorin (Bone proteoglycan II) (PG-S2) (PG40) |
| SAP\_HUMAN | Prosaposin (Proactivator polypeptide) [Cleaved into: Saposin-A (Protein A); Saposin-B-Val; Saposin-B (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sphingolipid activator protein 1) (SAP-1) (Sulfatide/GM1 activator); Saposin-C (A1 activator) (Co-beta-glucosidase) (Glucosylceramidase activator) (Sphingolipid activator protein 2) (SAP-2); Saposin-D (Component C) (Protein C)] |
| HEXB\_HUMAN | Beta-hexosaminidase subunit beta (EC 3.2.1.52) (Beta-N-acetylhexosaminidase subunit beta) (Hexosaminidase subunit B) (Cervical cancer proto-oncogene 7 protein) (HCC-7) (N-acetyl-beta-glucosaminidase subunit beta) [Cleaved into: Beta-hexosaminidase subunit beta chain B; Beta-hexosaminidase subunit beta chain A] |
| CATL1\_HUMAN | Cathepsin L1 (EC 3.4.22.15) (Cathepsin L) (Major excreted protein) (MEP) [Cleaved into: Cathepsin L1 heavy chain; Cathepsin L1 light chain] |
| PROF1\_HUMAN | Profilin-1 (Epididymis tissue protein Li 184a) (Profilin I) |
| PMGE\_HUMAN | Bisphosphoglycerate mutase (BPGM) (EC 5.4.2.4) (2,3-bisphosphoglycerate mutase, erythrocyte) (2,3-bisphosphoglycerate synthase) (EC 3.1.3.13) (EC 5.4.2.11) (2,3-diphosphoglycerate mutase) (DPGM) (BPG-dependent PGAM) |
| APT\_HUMAN | Adenine phosphoribosyltransferase (APRT) (EC 2.4.2.7) |
| SYEP\_HUMAN | Bifunctional glutamate/proline--tRNA ligase (Bifunctional aminoacyl-tRNA synthetase) (Cell proliferation-inducing gene 32 protein) (Glutamatyl-prolyl-tRNA synthetase) [Includes: Glutamate--tRNA ligase (EC 6.1.1.17) (Glutamyl-tRNA synthetase) (GluRS); Proline--tRNA ligase (EC 6.1.1.15) (Prolyl-tRNA synthetase)] |
| CATB\_HUMAN | Cathepsin B (EC 3.4.22.1) (APP secretase) (APPS) (Cathepsin B1) [Cleaved into: Cathepsin B light chain; Cathepsin B heavy chain] |
| HS90A\_HUMAN | Heat shock protein HSP 90-alpha (Heat shock 86 kDa) (HSP 86) (HSP86) (Lipopolysaccharide-associated protein 2) (LAP-2) (LPS-associated protein 2) (Renal carcinoma antigen NY-REN-38) |
| GALT\_HUMAN | Galactose-1-phosphate uridylyltransferase (Gal-1-P uridylyltransferase) (EC 2.7.7.12) (UDP-glucose--hexose-1-phosphate uridylyltransferase) |
| HNRPC\_HUMAN | Heterogeneous nuclear ribonucleoproteins C1/C2 (hnRNP C1/C2) |
| QCR6\_HUMAN | Cytochrome b-c1 complex subunit 6, mitochondrial (Complex III subunit 6) (Complex III subunit VIII) (Cytochrome c1 non-heme 11 kDa protein) (Mitochondrial hinge protein) (Ubiquinol-cytochrome c reductase complex 11 kDa protein) |
| LAMB1\_HUMAN | Laminin subunit beta-1 (Laminin B1 chain) (Laminin-1 subunit beta) (Laminin-10 subunit beta) (Laminin-12 subunit beta) (Laminin-2 subunit beta) (Laminin-6 subunit beta) (Laminin-8 subunit beta) |
| YES\_HUMAN | Tyrosine-protein kinase Yes (EC 2.7.10.2) (Proto-oncogene c-Yes) (p61-Yes) |
| LYN\_HUMAN | Tyrosine-protein kinase Lyn (EC 2.7.10.2) (Lck/Yes-related novel protein tyrosine kinase) (V-yes-1 Yamaguchi sarcoma viral related oncogene homolog) (p53Lyn) (p56Lyn) |
| TPM2\_HUMAN | Tropomyosin beta chain (Beta-tropomyosin) (Tropomyosin-2) |
| FUMH\_HUMAN | Fumarate hydratase, mitochondrial (Fumarase) (EC 4.2.1.2) |
| TSP1\_HUMAN | Thrombospondin-1 |
| CO1A2\_HUMAN | Collagen alpha-2(I) chain (Alpha-2 type I collagen) |
| ANXA6\_HUMAN | Annexin A6 (67 kDa calelectrin) (Annexin VI) (Annexin-6) (Calphobindin-II) (CPB-II) (Chromobindin-20) (Lipocortin VI) (Protein III) (p68) (p70) |
| RHOC\_HUMAN | Rho-related GTP-binding protein RhoC (Rho cDNA clone 9) (h9) |
| DAF\_HUMAN | Complement decay-accelerating factor (CD antigen CD55) |
| CBG\_HUMAN | Corticosteroid-binding globulin (CBG) (Serpin A6) (Transcortin) |
| 4F2\_HUMAN | 4F2 cell-surface antigen heavy chain (4F2hc) (4F2 heavy chain antigen) (Lymphocyte activation antigen 4F2 large subunit) (Solute carrier family 3 member 2) (CD antigen CD98) |
| BGLR\_HUMAN | Beta-glucuronidase (EC 3.2.1.31) (Beta-G1) |
| PFKAM\_HUMAN | ATP-dependent 6-phosphofructokinase, muscle type (ATP-PFK) (PFK-M) (EC 2.7.1.11) (6-phosphofructokinase type A) (Phosphofructo-1-kinase isozyme A) (PFK-A) (Phosphohexokinase) |
| HS90B\_HUMAN | Heat shock protein HSP 90-beta (HSP 90) (Heat shock 84 kDa) (HSP 84) (HSP84) |
| SRPR\_HUMAN | Signal recognition particle receptor subunit alpha (SR-alpha) (Docking protein alpha) (DP-alpha) |
| SODE\_HUMAN | Extracellular superoxide dismutase [Cu-Zn] (EC-SOD) (EC 1.15.1.1) |
| CATG\_HUMAN | Cathepsin G (CG) (EC 3.4.21.20) |
| HEM3\_HUMAN | Porphobilinogen deaminase (PBG-D) (EC 2.5.1.61) (Hydroxymethylbilane synthase) (HMBS) (Pre-uroporphyrinogen synthase) |
| NEP\_HUMAN | Neprilysin (EC 3.4.24.11) (Atriopeptidase) (Common acute lymphocytic leukemia antigen) (CALLA) (Enkephalinase) (Neutral endopeptidase 24.11) (NEP) (Neutral endopeptidase) (Skin fibroblast elastase) (SFE) (CD antigen CD10) |
| ODPA\_HUMAN | Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial (EC 1.2.4.1) (PDHE1-A type I) |
| PLEK\_HUMAN | Pleckstrin (Platelet 47 kDa protein) (p47) |
| CD14\_HUMAN | Monocyte differentiation antigen CD14 (Myeloid cell-specific leucine-rich glycoprotein) (CD antigen CD14) [Cleaved into: Monocyte differentiation antigen CD14, urinary form; Monocyte differentiation antigen CD14, membrane-bound form] |
| CO4A2\_HUMAN | Collagen alpha-2(IV) chain [Cleaved into: Canstatin] |
| CY1\_HUMAN | Cytochrome c1, heme protein, mitochondrial (Complex III subunit 4) (Complex III subunit IV) (Cytochrome b-c1 complex subunit 4) (Ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit) (Cytochrome c-1) |
| PTPRC\_HUMAN | Receptor-type tyrosine-protein phosphatase C (EC 3.1.3.48) (Leukocyte common antigen) (L-CA) (T200) (CD antigen CD45) |
| RU2B\_HUMAN | U2 small nuclear ribonucleoprotein B'' (U2 snRNP B'') |
| MYL3\_HUMAN | Myosin light chain 3 (Cardiac myosin light chain 1) (CMLC1) (Myosin light chain 1, slow-twitch muscle B/ventricular isoform) (MLC1SB) (Ventricular/slow twitch myosin alkali light chain) |
| CFAH\_HUMAN | Complement factor H (H factor 1) |
| RU17\_HUMAN | U1 small nuclear ribonucleoprotein 70 kDa (U1 snRNP 70 kDa) (U1-70K) (snRNP70) |
| ITA5\_HUMAN | Integrin alpha-5 (CD49 antigen-like family member E) (Fibronectin receptor subunit alpha) (Integrin alpha-F) (VLA-5) (CD antigen CD49e) [Cleaved into: Integrin alpha-5 heavy chain; Integrin alpha-5 light chain] |
| NFIC\_HUMAN | Nuclear factor 1 C-type (NF1-C) (Nuclear factor 1/C) (CCAAT-box-binding transcription factor) (CTF) (Nuclear factor I/C) (NF-I/C) (NFI-C) (TGGCA-binding protein) |
| VIME\_HUMAN | Vimentin |
| A2AP\_HUMAN | Alpha-2-antiplasmin (Alpha-2-AP) (Alpha-2-plasmin inhibitor) (Alpha-2-PI) (Serpin F2) |
| RS17\_HUMAN | 40S ribosomal protein S17 |
| GNAI3\_HUMAN | Guanine nucleotide-binding protein G(k) subunit alpha (G(i) alpha-3) |
| ANXA5\_HUMAN | Annexin A5 (Anchorin CII) (Annexin V) (Annexin-5) (Calphobindin I) (CBP-I) (Endonexin II) (Lipocortin V) (Placental anticoagulant protein 4) (PP4) (Placental anticoagulant protein I) (PAP-I) (Thromboplastin inhibitor) (Vascular anticoagulant-alpha) (VAC-alpha) |
| K1C16\_HUMAN | Keratin, type I cytoskeletal 16 (Cytokeratin-16) (CK-16) (Keratin-16) (K16) |
| RSSA\_HUMAN | 40S ribosomal protein SA (37 kDa laminin receptor precursor) (37LRP) (37/67 kDa laminin receptor) (LRP/LR) (67 kDa laminin receptor) (67LR) (Colon carcinoma laminin-binding protein) (Laminin receptor 1) (LamR) (Laminin-binding protein precursor p40) (LBP/p40) (Multidrug resistance-associated protein MGr1-Ag) (NEM/1CHD4) |
| RM03\_HUMAN | 39S ribosomal protein L3, mitochondrial (L3mt) (MRP-L3) |
| SNRPA\_HUMAN | U1 small nuclear ribonucleoprotein A (U1 snRNP A) (U1-A) (U1A) |
| ENOG\_HUMAN | Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Enolase 2) (Neural enolase) (Neuron-specific enolase) (NSE) |
| THIK\_HUMAN | 3-ketoacyl-CoA thiolase, peroxisomal (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase) (Peroxisomal 3-oxoacyl-CoA thiolase) |
| SRP19\_HUMAN | Signal recognition particle 19 kDa protein (SRP19) |
| GSTP1\_HUMAN | Glutathione S-transferase P (EC 2.5.1.18) (GST class-pi) (GSTP1-1) |
| RU1C\_HUMAN | U1 small nuclear ribonucleoprotein C (U1 snRNP C) (U1-C) (U1C) |
| CD48\_HUMAN | CD48 antigen (B-lymphocyte activation marker BLAST-1) (BCM1 surface antigen) (Leukocyte antigen MEM-102) (SLAM family member 2) (SLAMF2) (Signaling lymphocytic activation molecule 2) (TCT.1) (CD antigen CD48) |
| LEG1\_HUMAN | Galectin-1 (Gal-1) (14 kDa laminin-binding protein) (HLBP14) (14 kDa lectin) (Beta-galactoside-binding lectin L-14-I) (Galaptin) (HBL) (HPL) (Lactose-binding lectin 1) (Lectin galactoside-binding soluble 1) (Putative MAPK-activating protein PM12) (S-Lac lectin 1) |
| DHPR\_HUMAN | Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) (Short chain dehydrogenase/reductase family 33C member 1) |
| HMGB1\_HUMAN | High mobility group protein B1 (High mobility group protein 1) (HMG-1) |
| F16P1\_HUMAN | Fructose-1,6-bisphosphatase 1 (FBPase 1) (EC 3.1.3.11) (D-fructose-1,6-bisphosphate 1-phosphohydrolase 1) (Liver FBPase) |
| GNAO\_HUMAN | Guanine nucleotide-binding protein G(o) subunit alpha |
| SPRC\_HUMAN | SPARC (Basement-membrane protein 40) (BM-40) (Osteonectin) (ON) (Secreted protein acidic and rich in cysteine) |
| GSTM1\_HUMAN | Glutathione S-transferase Mu 1 (EC 2.5.1.18) (GST HB subunit 4) (GST class-mu 1) (GSTM1-1) (GSTM1a-1a) (GSTM1b-1b) (GTH4) |
| TPM1\_HUMAN | Tropomyosin alpha-1 chain (Alpha-tropomyosin) (Tropomyosin-1) |
| CLCA\_HUMAN | Clathrin light chain A (Lca) |
| CLCB\_HUMAN | Clathrin light chain B (Lcb) |
| ANXA4\_HUMAN | Annexin A4 (35-beta calcimedin) (Annexin IV) (Annexin-4) (Carbohydrate-binding protein p33/p41) (Chromobindin-4) (Endonexin I) (Lipocortin IV) (P32.5) (PP4-X) (Placental anticoagulant protein II) (PAP-II) (Protein II) |
| CN37\_HUMAN | 2',3'-cyclic-nucleotide 3'-phosphodiesterase (CNP) (CNPase) (EC 3.1.4.37) |
| HMOX1\_HUMAN | Heme oxygenase 1 (HO-1) (EC 1.14.99.3) |
| DLDH\_HUMAN | Dihydrolipoyl dehydrogenase, mitochondrial (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) |
| ROA1\_HUMAN | Heterogeneous nuclear ribonucleoprotein A1 (hnRNP A1) (Helix-destabilizing protein) (Single-strand RNA-binding protein) (hnRNP core protein A1) [Cleaved into: Heterogeneous nuclear ribonucleoprotein A1, N-terminally processed] |
| RU2A\_HUMAN | U2 small nuclear ribonucleoprotein A' (U2 snRNP A') |
| COX6C\_HUMAN | Cytochrome c oxidase subunit 6C (Cytochrome c oxidase polypeptide VIc) |
| C1S\_HUMAN | Complement C1s subcomponent (EC 3.4.21.42) (C1 esterase) (Complement component 1 subcomponent s) [Cleaved into: Complement C1s subcomponent heavy chain; Complement C1s subcomponent light chain] |
| PARP1\_HUMAN | Poly [ADP-ribose] polymerase 1 (PARP-1) (EC 2.4.2.30) (ADP-ribosyltransferase diphtheria toxin-like 1) (ARTD1) (NAD(+) ADP-ribosyltransferase 1) (ADPRT 1) (Poly[ADP-ribose] synthase 1) |
| IFIT1\_HUMAN | Interferon-induced protein with tetratricopeptide repeats 1 (IFIT-1) (Interferon-induced 56 kDa protein) (IFI-56K) (P56) |
| UCHL1\_HUMAN | Ubiquitin carboxyl-terminal hydrolase isozyme L1 (UCH-L1) (EC 3.4.19.12) (EC 6.-.-.-) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) (Ubiquitin thioesterase L1) |
| LKHA4\_HUMAN | Leukotriene A-4 hydrolase (LTA-4 hydrolase) (EC 3.3.2.6) (Leukotriene A(4) hydrolase) |
| ALDOC\_HUMAN | Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) |
| CO4A\_HUMAN | Complement C4-A (Acidic complement C4) (C3 and PZP-like alpha-2-macroglobulin domain-containing protein 2) [Cleaved into: Complement C4 beta chain; Complement C4-A alpha chain; C4a anaphylatoxin; C4b-A; C4d-A; Complement C4 gamma chain] |
| CO4B\_HUMAN | Complement C4-B (Basic complement C4) (C3 and PZP-like alpha-2-macroglobulin domain-containing protein 3) [Cleaved into: Complement C4 beta chain; Complement C4-B alpha chain; C4a anaphylatoxin; C4b-B; C4d-B; Complement C4 gamma chain] |
| H2AZ\_HUMAN | Histone H2A.Z (H2A/z) |
| H2A1\_HUMAN | Histone H2A type 1 (H2A.1) (Histone H2A/p) |
| TFPT\_HUMAN | TCF3 fusion partner (INO80 complex subunit F) (Protein FB1) |
| CISD3\_HUMAN | CDGSH iron-sulfur domain-containing protein 3, mitochondrial (MitoNEET-related protein 2) (Miner2) |
| SLN14\_HUMAN | Schlafen family member 14 |
| UCRIL\_HUMAN | Putative cytochrome b-c1 complex subunit Rieske-like protein 1 (Ubiquinol-cytochrome c reductase Rieske iron-sulfur subunit pseudogene 1) |
| ATX1L\_HUMAN | Ataxin-1-like (Brother of ataxin-1) (Brother of ATXN1) |
| ZN806\_HUMAN | Zinc finger protein 806 |
| MYZAP\_HUMAN | Myocardial zonula adherens protein (GRINL1A upstream protein) (Gup) |
| GRL1A\_HUMAN | DNA-directed RNA polymerase II subunit GRINL1A (DNA-directed RNA polymerase II subunit M) (Glutamate receptor-like protein 1A) |
| PAB4L\_HUMAN | Polyadenylate-binding protein 4-like (PABP-4-like) (Poly(A)-binding protein 4-like) |
| LAC2\_HUMAN | Ig lambda-2 chain C regions |
| GPHRB\_HUMAN | Golgi pH regulator B (Protein GPR89B) |
| GST2\_HUMAN | Glutathione S-transferase theta-2 (EC 2.5.1.18) (GST class-theta-2) |
| POTEI\_HUMAN | POTE ankyrin domain family member I |
| UBB\_HUMAN | Polyubiquitin-B [Cleaved into: Ubiquitin] |
| UBC\_HUMAN | Polyubiquitin-C [Cleaved into: Ubiquitin] |
| LIM3L\_HUMAN | LIM and senescent cell antigen-like-containing domain protein 3-like |
| SIM13\_HUMAN | Small integral membrane protein 13 |
| ST1A3\_HUMAN | Sulfotransferase 1A3 (ST1A3) (EC 2.8.2.1) (Aryl sulfotransferase 1A3/1A4) (Catecholamine-sulfating phenol sulfotransferase) (HAST3) (M-PST) (Monoamine-sulfating phenol sulfotransferase) (Placental estrogen sulfotransferase) (Sulfotransferase 1A3/1A4) (Sulfotransferase, monoamine-preferring) (Thermolabile phenol sulfotransferase) (TL-PST) |
| ST1A4\_HUMAN | Sulfotransferase 1A4 (ST1A4) (EC 2.8.2.1) (Aryl sulfotransferase 1A3/1A4) (Sulfotransferase 1A3/1A4) |
| HS71A\_HUMAN | Heat shock 70 kDa protein 1A (Heat shock 70 kDa protein 1) (HSP70-1) (HSP70.1) |
| HS71B\_HUMAN | Heat shock 70 kDa protein 1B (Heat shock 70 kDa protein 2) (HSP70-2) (HSP70.2) |
| ADX\_HUMAN | Adrenodoxin, mitochondrial (Adrenal ferredoxin) (Ferredoxin-1) (Hepatoredoxin) |
| RAP2A\_HUMAN | Ras-related protein Rap-2a (RbBP-30) |
| RO60\_HUMAN | 60 kDa SS-A/Ro ribonucleoprotein (60 kDa Ro protein) (60 kDa ribonucleoprotein Ro) (RoRNP) (Ro 60 kDa autoantigen) (Sjoegren syndrome antigen A2) (Sjoegren syndrome type A antigen) (SS-A) (TROVE domain family member 2) |
| COX8A\_HUMAN | Cytochrome c oxidase subunit 8A, mitochondrial (Cytochrome c oxidase polypeptide VIII-liver/heart) (Cytochrome c oxidase subunit 8-2) |
| LYAG\_HUMAN | Lysosomal alpha-glucosidase (EC 3.2.1.20) (Acid maltase) (Aglucosidase alfa) [Cleaved into: 76 kDa lysosomal alpha-glucosidase; 70 kDa lysosomal alpha-glucosidase] |
| ANDR\_HUMAN | Androgen receptor (Dihydrotestosterone receptor) (Nuclear receptor subfamily 3 group C member 4) |
| RRAS\_HUMAN | Ras-related protein R-Ras (p23) |
| 1A69\_HUMAN | HLA class I histocompatibility antigen, A-69 alpha chain (Aw-69) (HLA class I histocompatibility antigen, A-28 alpha chain) (MHC class I antigen A\*69) |
| 1C07\_HUMAN | HLA class I histocompatibility antigen, Cw-7 alpha chain (MHC class I antigen Cw\*7) |
| ARAF\_HUMAN | Serine/threonine-protein kinase A-Raf (EC 2.7.11.1) (Proto-oncogene A-Raf) (Proto-oncogene A-Raf-1) (Proto-oncogene Pks) |
| H14\_HUMAN | Histone H1.4 (Histone H1b) (Histone H1s-4) |
| BCL2\_HUMAN | Apoptosis regulator Bcl-2 |
| ODP2\_HUMAN | Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial (EC 2.3.1.12) (70 kDa mitochondrial autoantigen of primary biliary cirrhosis) (PBC) (Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex) (M2 antigen complex 70 kDa subunit) (Pyruvate dehydrogenase complex component E2) (PDC-E2) (PDCE2) |
| ARRS\_HUMAN | S-arrestin (48 kDa protein) (Retinal S-antigen) (S-AG) (Rod photoreceptor arrestin) |
| THIO\_HUMAN | Thioredoxin (Trx) (ATL-derived factor) (ADF) (Surface-associated sulphydryl protein) (SASP) |
| COX5B\_HUMAN | Cytochrome c oxidase subunit 5B, mitochondrial (Cytochrome c oxidase polypeptide Vb) |
| PPGB\_HUMAN | Lysosomal protective protein (EC 3.4.16.5) (Carboxypeptidase C) (Carboxypeptidase L) (Cathepsin A) (Protective protein cathepsin A) (PPCA) (Protective protein for beta-galactosidase) [Cleaved into: Lysosomal protective protein 32 kDa chain; Lysosomal protective protein 20 kDa chain] |
| MGST1\_HUMAN | Microsomal glutathione S-transferase 1 (Microsomal GST-1) (EC 2.5.1.18) (Microsomal GST-I) |
| CP2D6\_HUMAN | Cytochrome P450 2D6 (EC 1.14.14.1) (CYPIID6) (Cholesterol 25-hydroxylase) (Cytochrome P450-DB1) (Debrisoquine 4-hydroxylase) |
| TAU\_HUMAN | Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) |
| CO7\_HUMAN | Complement component C7 |
| KAP0\_HUMAN | cAMP-dependent protein kinase type I-alpha regulatory subunit (Tissue-specific extinguisher 1) (TSE1) [Cleaved into: cAMP-dependent protein kinase type I-alpha regulatory subunit, N-terminally processed] |
| PF4V\_HUMAN | Platelet factor 4 variant (C-X-C motif chemokine 4 variant) (CXCL4L1) (PF4alt) (PF4var1) [Cleaved into: Platelet factor 4 variant(4-74); Platelet factor 4 variant(5-74); Platelet factor 4 variant(6-74)] |
| ESTD\_HUMAN | S-formylglutathione hydrolase (FGH) (EC 3.1.2.12) (Esterase D) (Methylumbelliferyl-acetate deacetylase) (EC 3.1.1.56) |
| CH60\_HUMAN | 60 kDa heat shock protein, mitochondrial (60 kDa chaperonin) (Chaperonin 60) (CPN60) (Heat shock protein 60) (HSP-60) (Hsp60) (HuCHA60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) |
| CLUS\_HUMAN | Clusterin (Aging-associated gene 4 protein) (Apolipoprotein J) (Apo-J) (Complement cytolysis inhibitor) (CLI) (Complement-associated protein SP-40,40) (Ku70-binding protein 1) (NA1/NA2) (Testosterone-repressed prostate message 2) (TRPM-2) [Cleaved into: Clusterin beta chain (ApoJalpha) (Complement cytolysis inhibitor a chain); Clusterin alpha chain (ApoJbeta) (Complement cytolysis inhibitor b chain)] |
| MLRV\_HUMAN | Myosin regulatory light chain 2, ventricular/cardiac muscle isoform (MLC-2) (MLC-2v) |
| GRP78\_HUMAN | 78 kDa glucose-regulated protein (GRP-78) (Endoplasmic reticulum lumenal Ca(2+)-binding protein grp78) (Heat shock 70 kDa protein 5) (Immunoglobulin heavy chain-binding protein) (BiP) |
| LAMC1\_HUMAN | Laminin subunit gamma-1 (Laminin B2 chain) (Laminin-1 subunit gamma) (Laminin-10 subunit gamma) (Laminin-11 subunit gamma) (Laminin-2 subunit gamma) (Laminin-3 subunit gamma) (Laminin-4 subunit gamma) (Laminin-6 subunit gamma) (Laminin-7 subunit gamma) (Laminin-8 subunit gamma) (Laminin-9 subunit gamma) (S-laminin subunit gamma) (S-LAM gamma) |
| MYH3\_HUMAN | Myosin-3 (Muscle embryonic myosin heavy chain) (Myosin heavy chain 3) (Myosin heavy chain, fast skeletal muscle, embryonic) (SMHCE) |
| MTAP2\_HUMAN | Microtubule-associated protein 2 (MAP-2) |
| HSP7C\_HUMAN | Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8) (Lipopolysaccharide-associated protein 1) (LAP-1) (LPS-associated protein 1) |
| GTR1\_HUMAN | Solute carrier family 2, facilitated glucose transporter member 1 (Glucose transporter type 1, erythrocyte/brain) (GLUT-1) (HepG2 glucose transporter) |
| 41\_HUMAN | Protein 4.1 (P4.1) (4.1R) (Band 4.1) (EPB4.1) |
| ODPB\_HUMAN | Pyruvate dehydrogenase E1 component subunit beta, mitochondrial (PDHE1-B) (EC 1.2.4.1) |
| ODB2\_HUMAN | Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial (EC 2.3.1.168) (52 kDa mitochondrial autoantigen of primary biliary cirrhosis) (Branched chain 2-oxo-acid dehydrogenase complex component E2) (BCOADC-E2) (Branched-chain alpha-keto acid dehydrogenase complex component E2) (BCKAD-E2) (BCKADE2) (Dihydrolipoamide acetyltransferase component of branched-chain alpha-keto acid dehydrogenase complex) (Dihydrolipoamide branched chain transacylase) (Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase) |
| ITAM\_HUMAN | Integrin alpha-M (CD11 antigen-like family member B) (CR-3 alpha chain) (Cell surface glycoprotein MAC-1 subunit alpha) (Leukocyte adhesion receptor MO1) (Neutrophil adherence receptor) (CD antigen CD11b) |
| PYGB\_HUMAN | Glycogen phosphorylase, brain form (EC 2.4.1.1) |
| PYGM\_HUMAN | Glycogen phosphorylase, muscle form (EC 2.4.1.1) (Myophosphorylase) |
| RALA\_HUMAN | Ras-related protein Ral-A |
| RALB\_HUMAN | Ras-related protein Ral-B |
| SPTB1\_HUMAN | Spectrin beta chain, erythrocytic (Beta-I spectrin) |
| LAMP1\_HUMAN | Lysosome-associated membrane glycoprotein 1 (LAMP-1) (Lysosome-associated membrane protein 1) (CD107 antigen-like family member A) (CD antigen CD107a) |
| ACADM\_HUMAN | Medium-chain specific acyl-CoA dehydrogenase, mitochondrial (MCAD) (EC 1.3.8.7) |
| G6PD\_HUMAN | Glucose-6-phosphate 1-dehydrogenase (G6PD) (EC 1.1.1.49) |
| UBL4A\_HUMAN | Ubiquitin-like protein 4A (Ubiquitin-like protein GDX) |
| ERR1\_HUMAN | Steroid hormone receptor ERR1 (Estrogen receptor-like 1) (Estrogen-related receptor alpha) (ERR-alpha) (Nuclear receptor subfamily 3 group B member 1) |
| FGF3\_HUMAN | Fibroblast growth factor 3 (FGF-3) (Heparin-binding growth factor 3) (HBGF-3) (Proto-oncogene Int-2) |
| PYC\_HUMAN | Pyruvate carboxylase, mitochondrial (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) |
| DMD\_HUMAN | Dystrophin |
| C1TC\_HUMAN | C-1-tetrahydrofolate synthase, cytoplasmic (C1-THF synthase) [Cleaved into: C-1-tetrahydrofolate synthase, cytoplasmic, N-terminally processed] [Includes: Methylenetetrahydrofolate dehydrogenase (EC 1.5.1.5); Methenyltetrahydrofolate cyclohydrolase (EC 3.5.4.9); Formyltetrahydrofolate synthetase (EC 6.3.4.3)] |
| CP2C9\_HUMAN | Cytochrome P450 2C9 (EC 1.14.13.-) ((R)-limonene 6-monooxygenase) (EC 1.14.13.80) ((S)-limonene 6-monooxygenase) (EC 1.14.13.48) ((S)-limonene 7-monooxygenase) (EC 1.14.13.49) (CYPIIC9) (Cholesterol 25-hydroxylase) (EC 1.14.14.1) (Cytochrome P-450MP) (Cytochrome P450 MP-4) (Cytochrome P450 MP-8) (Cytochrome P450 PB-1) (S-mephenytoin 4-hydroxylase) |
| MPRI\_HUMAN | Cation-independent mannose-6-phosphate receptor (CI Man-6-P receptor) (CI-MPR) (M6PR) (300 kDa mannose 6-phosphate receptor) (MPR 300) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (CD antigen CD222) |
| ADHX\_HUMAN | Alcohol dehydrogenase class-3 (EC 1.1.1.1) (Alcohol dehydrogenase 5) (Alcohol dehydrogenase class chi chain) (Alcohol dehydrogenase class-III) (Glutathione-dependent formaldehyde dehydrogenase) (FALDH) (FDH) (GSH-FDH) (EC 1.1.1.-) (S-(hydroxymethyl)glutathione dehydrogenase) (EC 1.1.1.284) |
| SRF\_HUMAN | Serum response factor (SRF) |
| PRPS2\_HUMAN | Ribose-phosphate pyrophosphokinase 2 (EC 2.7.6.1) (PPRibP) (Phosphoribosyl pyrophosphate synthase II) (PRS-II) |
| PABP1\_HUMAN | Polyadenylate-binding protein 1 (PABP-1) (Poly(A)-binding protein 1) |
| PCNA\_HUMAN | Proliferating cell nuclear antigen (PCNA) (Cyclin) |
| CX6A1\_HUMAN | Cytochrome c oxidase subunit 6A1, mitochondrial (Cytochrome c oxidase polypeptide VIa-liver) (Cytochrome c oxidase subunit VIA-liver) (COX VIa-L) |
| SYHC\_HUMAN | Histidine--tRNA ligase, cytoplasmic (EC 6.1.1.21) (Histidyl-tRNA synthetase) (HisRS) |
| CO6A1\_HUMAN | Collagen alpha-1(VI) chain |
| CO6A2\_HUMAN | Collagen alpha-2(VI) chain |
| CO6A3\_HUMAN | Collagen alpha-3(VI) chain |
| ADT1\_HUMAN | ADP/ATP translocase 1 (ADP,ATP carrier protein 1) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) (Adenine nucleotide translocator 1) (ANT 1) (Solute carrier family 25 member 4) |
| ADT3\_HUMAN | ADP/ATP translocase 3 (ADP,ATP carrier protein 3) (ADP,ATP carrier protein, isoform T2) (ANT 2) (Adenine nucleotide translocator 3) (ANT 3) (Solute carrier family 25 member 6) [Cleaved into: ADP/ATP translocase 3, N-terminally processed] |
| IMDH2\_HUMAN | Inosine-5'-monophosphate dehydrogenase 2 (IMP dehydrogenase 2) (IMPD 2) (IMPDH 2) (EC 1.1.1.205) (IMPDH-II) |
| TPR\_HUMAN | Nucleoprotein TPR (Megator) (NPC-associated intranuclear protein) (Translocated promoter region protein) |
| PIP\_HUMAN | Prolactin-inducible protein (Gross cystic disease fluid protein 15) (GCDFP-15) (Prolactin-induced protein) (Secretory actin-binding protein) (SABP) (gp17) |
| KCRB\_HUMAN | Creatine kinase B-type (EC 2.7.3.2) (B-CK) (Creatine kinase B chain) |
| FCERA\_HUMAN | High affinity immunoglobulin epsilon receptor subunit alpha (Fc-epsilon RI-alpha) (FcERI) (IgE Fc receptor subunit alpha) |
| ANXA3\_HUMAN | Annexin A3 (35-alpha calcimedin) (Annexin III) (Annexin-3) (Inositol 1,2-cyclic phosphate 2-phosphohydrolase) (Lipocortin III) (Placental anticoagulant protein III) (PAP-III) |
| KCRU\_HUMAN | Creatine kinase U-type, mitochondrial (EC 2.7.3.2) (Acidic-type mitochondrial creatine kinase) (Mia-CK) (Ubiquitous mitochondrial creatine kinase) (U-MtCK) |
| ODBA\_HUMAN | 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial (EC 1.2.4.4) (Branched-chain alpha-keto acid dehydrogenase E1 component alpha chain) (BCKDE1A) (BCKDH E1-alpha) |
| ECP\_HUMAN | Eosinophil cationic protein (ECP) (EC 3.1.27.-) (Ribonuclease 3) (RNase 3) |
| ACTN1\_HUMAN | Alpha-actinin-1 (Alpha-actinin cytoskeletal isoform) (F-actin cross-linking protein) (Non-muscle alpha-actinin-1) |
| ACE\_HUMAN | Angiotensin-converting enzyme (ACE) (EC 3.2.1.-) (EC 3.4.15.1) (Dipeptidyl carboxypeptidase I) (Kininase II) (CD antigen CD143) [Cleaved into: Angiotensin-converting enzyme, soluble form] |
| MYL4\_HUMAN | Myosin light chain 4 (Myosin light chain 1, embryonic muscle/atrial isoform) (Myosin light chain alkali GT-1 isoform) |
| CADH1\_HUMAN | Cadherin-1 (CAM 120/80) (Epithelial cadherin) (E-cadherin) (Uvomorulin) (CD antigen CD324) [Cleaved into: E-Cad/CTF1; E-Cad/CTF2; E-Cad/CTF3] |
| MYH1\_HUMAN | Myosin-1 (Myosin heavy chain 1) (Myosin heavy chain 2x) (MyHC-2x) (Myosin heavy chain IIx/d) (MyHC-IIx/d) (Myosin heavy chain, skeletal muscle, adult 1) |
| MYH7\_HUMAN | Myosin-7 (Myosin heavy chain 7) (Myosin heavy chain slow isoform) (MyHC-slow) (Myosin heavy chain, cardiac muscle beta isoform) (MyHC-beta) |
| PEPD\_HUMAN | Xaa-Pro dipeptidase (X-Pro dipeptidase) (EC 3.4.13.9) (Imidodipeptidase) (Peptidase D) (Proline dipeptidase) (Prolidase) |
| XRCC6\_HUMAN | X-ray repair cross-complementing protein 6 (EC 3.6.4.-) (EC 4.2.99.-) (5'-deoxyribose-5-phosphate lyase Ku70) (5'-dRP lyase Ku70) (70 kDa subunit of Ku antigen) (ATP-dependent DNA helicase 2 subunit 1) (ATP-dependent DNA helicase II 70 kDa subunit) (CTC box-binding factor 75 kDa subunit) (CTC75) (CTCBF) (DNA repair protein XRCC6) (Lupus Ku autoantigen protein p70) (Ku70) (Thyroid-lupus autoantigen) (TLAA) (X-ray repair complementing defective repair in Chinese hamster cells 6) |
| XRCC5\_HUMAN | X-ray repair cross-complementing protein 5 (EC 3.6.4.-) (86 kDa subunit of Ku antigen) (ATP-dependent DNA helicase 2 subunit 2) (ATP-dependent DNA helicase II 80 kDa subunit) (CTC box-binding factor 85 kDa subunit) (CTC85) (CTCBF) (DNA repair protein XRCC5) (Ku80) (Ku86) (Lupus Ku autoantigen protein p86) (Nuclear factor IV) (Thyroid-lupus autoantigen) (TLAA) (X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining)) |
| COX41\_HUMAN | Cytochrome c oxidase subunit 4 isoform 1, mitochondrial (Cytochrome c oxidase polypeptide IV) (Cytochrome c oxidase subunit IV isoform 1) (COX IV-1) |
| GP1BB\_HUMAN | Platelet glycoprotein Ib beta chain (GP-Ib beta) (GPIb-beta) (GPIbB) (Antigen CD42b-beta) (CD antigen CD42c) |
| LAMP2\_HUMAN | Lysosome-associated membrane glycoprotein 2 (LAMP-2) (Lysosome-associated membrane protein 2) (CD107 antigen-like family member B) (CD antigen CD107b) |
| RINI\_HUMAN | Ribonuclease inhibitor (Placental ribonuclease inhibitor) (Placental RNase inhibitor) (Ribonuclease/angiogenin inhibitor 1) (RAI) |
| MYH6\_HUMAN | Myosin-6 (Myosin heavy chain 6) (Myosin heavy chain, cardiac muscle alpha isoform) (MyHC-alpha) |
| MYH8\_HUMAN | Myosin-8 (Myosin heavy chain 8) (Myosin heavy chain, skeletal muscle, perinatal) (MyHC-perinatal) |
| NCAM1\_HUMAN | Neural cell adhesion molecule 1 (N-CAM-1) (NCAM-1) (CD antigen CD56) |
| CSPG2\_HUMAN | Versican core protein (Chondroitin sulfate proteoglycan core protein 2) (Chondroitin sulfate proteoglycan 2) (Glial hyaluronate-binding protein) (GHAP) (Large fibroblast proteoglycan) (PG-M) |
| EF2\_HUMAN | Elongation factor 2 (EF-2) |
| K1C10\_HUMAN | Keratin, type I cytoskeletal 10 (Cytokeratin-10) (CK-10) (Keratin-10) (K10) |
| K1C13\_HUMAN | Keratin, type I cytoskeletal 13 (Cytokeratin-13) (CK-13) (Keratin-13) (K13) |
| K2C5\_HUMAN | Keratin, type II cytoskeletal 5 (58 kDa cytokeratin) (Cytokeratin-5) (CK-5) (Keratin-5) (K5) (Type-II keratin Kb5) |
| PDIA4\_HUMAN | Protein disulfide-isomerase A4 (EC 5.3.4.1) (Endoplasmic reticulum resident protein 70) (ER protein 70) (ERp70) (Endoplasmic reticulum resident protein 72) (ER protein 72) (ERp-72) (ERp72) |
| CO6\_HUMAN | Complement component C6 |
| P4HA1\_HUMAN | Prolyl 4-hydroxylase subunit alpha-1 (4-PH alpha-1) (EC 1.14.11.2) (Procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-1) |
| TCTP\_HUMAN | Translationally-controlled tumor protein (TCTP) (Fortilin) (Histamine-releasing factor) (HRF) (p23) |
| HEM2\_HUMAN | Delta-aminolevulinic acid dehydratase (ALADH) (EC 4.2.1.24) (Porphobilinogen synthase) |
| 1A11\_HUMAN | HLA class I histocompatibility antigen, A-11 alpha chain (MHC class I antigen A\*11) |
| 2B14\_HUMAN | HLA class II histocompatibility antigen, DRB1-4 beta chain (MHC class II antigen DRB1\*4) (DR-4) (DR4) |
| PLSL\_HUMAN | Plastin-2 (L-plastin) (LC64P) (Lymphocyte cytosolic protein 1) (LCP-1) |
| PLST\_HUMAN | Plastin-3 (T-plastin) |
| ACPH\_HUMAN | Acylamino-acid-releasing enzyme (AARE) (EC 3.4.19.1) (Acyl-peptide hydrolase) (APH) (Acylaminoacyl-peptidase) (Oxidized protein hydrolase) (OPH) |
| ETFA\_HUMAN | Electron transfer flavoprotein subunit alpha, mitochondrial (Alpha-ETF) |
| TNNT1\_HUMAN | Troponin T, slow skeletal muscle (TnTs) (Slow skeletal muscle troponin T) (sTnT) |
| GYS1\_HUMAN | Glycogen [starch] synthase, muscle (EC 2.4.1.11) |
| KAP2\_HUMAN | cAMP-dependent protein kinase type II-alpha regulatory subunit |
| ENOB\_HUMAN | Beta-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Enolase 3) (Muscle-specific enolase) (MSE) (Skeletal muscle enolase) |
| CD59\_HUMAN | CD59 glycoprotein (1F5 antigen) (20 kDa homologous restriction factor) (HRF-20) (HRF20) (MAC-inhibitory protein) (MAC-IP) (MEM43 antigen) (Membrane attack complex inhibition factor) (MACIF) (Membrane inhibitor of reactive lysis) (MIRL) (Protectin) (CD antigen CD59) |
| GFAP\_HUMAN | Glial fibrillary acidic protein (GFAP) |
| MIF\_HUMAN | Macrophage migration inhibitory factor (MIF) (EC 5.3.2.1) (Glycosylation-inhibiting factor) (GIF) (L-dopachrome isomerase) (L-dopachrome tautomerase) (EC 5.3.3.12) (Phenylpyruvate tautomerase) |
| FOLR2\_HUMAN | Folate receptor beta (FR-beta) (Folate receptor 2) (Folate receptor, fetal/placental) (Placental folate-binding protein) (FBP) |
| CD99\_HUMAN | CD99 antigen (12E7) (E2 antigen) (Protein MIC2) (T-cell surface glycoprotein E2) (CD antigen CD99) |
| GLU2B\_HUMAN | Glucosidase 2 subunit beta (80K-H protein) (Glucosidase II subunit beta) (Protein kinase C substrate 60.1 kDa protein heavy chain) (PKCSH) |
| FPPS\_HUMAN | Farnesyl pyrophosphate synthase (FPP synthase) (FPS) (EC 2.5.1.10) ((2E,6E)-farnesyl diphosphate synthase) (Dimethylallyltranstransferase) (EC 2.5.1.1) (Farnesyl diphosphate synthase) (Geranyltranstransferase) |
| CX7A2\_HUMAN | Cytochrome c oxidase subunit 7A2, mitochondrial (Cytochrome c oxidase subunit VIIa-liver/heart) (Cytochrome c oxidase subunit VIIa-L) (Cytochrome c oxidase subunit VIIaL) |
| NID1\_HUMAN | Nidogen-1 (NID-1) (Entactin) |
| AK1A1\_HUMAN | Alcohol dehydrogenase [NADP(+)] (EC 1.1.1.2) (Aldehyde reductase) (Aldo-keto reductase family 1 member A1) |
| NCF1\_HUMAN | Neutrophil cytosol factor 1 (NCF-1) (47 kDa autosomal chronic granulomatous disease protein) (47 kDa neutrophil oxidase factor) (NCF-47K) (Neutrophil NADPH oxidase factor 1) (Nox organizer 2) (Nox-organizing protein 2) (SH3 and PX domain-containing protein 1A) (p47-phox) |
| KPYM\_HUMAN | Pyruvate kinase PKM (EC 2.7.1.40) (Cytosolic thyroid hormone-binding protein) (CTHBP) (Opa-interacting protein 3) (OIP-3) (Pyruvate kinase 2/3) (Pyruvate kinase muscle isozyme) (Thyroid hormone-binding protein 1) (THBP1) (Tumor M2-PK) (p58) |
| ACYP2\_HUMAN | Acylphosphatase-2 (EC 3.6.1.7) (Acylphosphatase, muscle type isozyme) (Acylphosphate phosphohydrolase 2) |
| ENPL\_HUMAN | Endoplasmin (94 kDa glucose-regulated protein) (GRP-94) (Heat shock protein 90 kDa beta member 1) (Tumor rejection antigen 1) (gp96 homolog) |
| MYL6B\_HUMAN | Myosin light chain 6B (Myosin light chain 1 slow-twitch muscle A isoform) (MLC1sa) (Smooth muscle and nonmuscle myosin light chain alkali 6B) |
| GTR4\_HUMAN | Solute carrier family 2, facilitated glucose transporter member 4 (Glucose transporter type 4, insulin-responsive) (GLUT-4) |
| RSMB\_HUMAN | Small nuclear ribonucleoprotein-associated proteins B and B' (snRNP-B) (Sm protein B/B') (Sm-B/B') (SmB/B') |
| IDE\_HUMAN | Insulin-degrading enzyme (EC 3.4.24.56) (Abeta-degrading protease) (Insulin protease) (Insulinase) (Insulysin) |
| CX6B1\_HUMAN | Cytochrome c oxidase subunit 6B1 (Cytochrome c oxidase subunit VIb isoform 1) (COX VIb-1) |
| HNRPL\_HUMAN | Heterogeneous nuclear ribonucleoprotein L (hnRNP L) |
| SYDC\_HUMAN | Aspartate--tRNA ligase, cytoplasmic (EC 6.1.1.12) (Aspartyl-tRNA synthetase) (AspRS) (Cell proliferation-inducing gene 40 protein) |
| PLAK\_HUMAN | Junction plakoglobin (Catenin gamma) (Desmoplakin III) (Desmoplakin-3) |
| QCR7\_HUMAN | Cytochrome b-c1 complex subunit 7 (Complex III subunit 7) (Complex III subunit VII) (QP-C) (Ubiquinol-cytochrome c reductase complex 14 kDa protein) |
| CBPA3\_HUMAN | Mast cell carboxypeptidase A (MC-CPA) (EC 3.4.17.1) (Carboxypeptidase A3) |
| FABP4\_HUMAN | Fatty acid-binding protein, adipocyte (Adipocyte lipid-binding protein) (ALBP) (Adipocyte-type fatty acid-binding protein) (A-FABP) (AFABP) (Fatty acid-binding protein 4) |
| GLNA\_HUMAN | Glutamine synthetase (GS) (EC 6.3.1.2) (Glutamate decarboxylase) (EC 4.1.1.15) (Glutamate--ammonia ligase) |
| ALDR\_HUMAN | Aldose reductase (AR) (EC 1.1.1.21) (Aldehyde reductase) (Aldo-keto reductase family 1 member B1) |
| RAC2\_HUMAN | Ras-related C3 botulinum toxin substrate 2 (GX) (Small G protein) (p21-Rac2) |
| ERF3A\_HUMAN | Eukaryotic peptide chain release factor GTP-binding subunit ERF3A (Eukaryotic peptide chain release factor subunit 3a) (eRF3a) (G1 to S phase transition protein 1 homolog) |
| PGAM2\_HUMAN | Phosphoglycerate mutase 2 (EC 3.1.3.13) (EC 5.4.2.11) (EC 5.4.2.4) (BPG-dependent PGAM 2) (Muscle-specific phosphoglycerate mutase) (Phosphoglycerate mutase isozyme M) (PGAM-M) |
| EZRI\_HUMAN | Ezrin (Cytovillin) (Villin-2) (p81) |
| VATB1\_HUMAN | V-type proton ATPase subunit B, kidney isoform (V-ATPase subunit B 1) (Endomembrane proton pump 58 kDa subunit) (Vacuolar proton pump subunit B 1) |
| UCHL3\_HUMAN | Ubiquitin carboxyl-terminal hydrolase isozyme L3 (UCH-L3) (EC 3.4.19.12) (Ubiquitin thioesterase L3) |
| NDKA\_HUMAN | Nucleoside diphosphate kinase A (NDK A) (NDP kinase A) (EC 2.7.4.6) (Granzyme A-activated DNase) (GAAD) (Metastasis inhibition factor nm23) (NM23-H1) (Tumor metastatic process-associated protein) |
| ZNF44\_HUMAN | Zinc finger protein 44 (Gonadotropin-inducible ovary transcription repressor 2) (GIOT-2) (Zinc finger protein 55) (Zinc finger protein 58) (Zinc finger protein KOX7) |
| PHKG2\_HUMAN | Phosphorylase b kinase gamma catalytic chain, liver/testis isoform (PHK-gamma-LT) (PHK-gamma-T) (EC 2.7.11.19) (PSK-C3) (Phosphorylase kinase subunit gamma-2) |
| IGLL1\_HUMAN | Immunoglobulin lambda-like polypeptide 1 (CD179 antigen-like family member B) (Ig lambda-5) (Immunoglobulin omega polypeptide) (Immunoglobulin-related protein 14.1) (CD antigen CD179b) |
| RS2\_HUMAN | 40S ribosomal protein S2 (40S ribosomal protein S4) (Protein LLRep3) |
| DESP\_HUMAN | Desmoplakin (DP) (250/210 kDa paraneoplastic pemphigus antigen) |
| RFA2\_HUMAN | Replication protein A 32 kDa subunit (RP-A p32) (Replication factor A protein 2) (RF-A protein 2) (Replication protein A 34 kDa subunit) (RP-A p34) |
| COX7C\_HUMAN | Cytochrome c oxidase subunit 7C, mitochondrial (Cytochrome c oxidase polypeptide VIIc) |
| CD44\_HUMAN | CD44 antigen (CDw44) (Epican) (Extracellular matrix receptor III) (ECMR-III) (GP90 lymphocyte homing/adhesion receptor) (HUTCH-I) (Heparan sulfate proteoglycan) (Hermes antigen) (Hyaluronate receptor) (Phagocytic glycoprotein 1) (PGP-1) (Phagocytic glycoprotein I) (PGP-I) (CD antigen CD44) |
| NQO2\_HUMAN | Ribosyldihydronicotinamide dehydrogenase [quinone] (EC 1.10.5.1) (NRH dehydrogenase [quinone] 2) (NRH:quinone oxidoreductase 2) (Quinone reductase 2) (QR2) |
| H2AX\_HUMAN | Histone H2AX (H2a/x) (Histone H2A.X) |
| F261\_HUMAN | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1 (6PF-2-K/Fru-2,6-P2ase 1) (PFK/FBPase 1) (6PF-2-K/Fru-2,6-P2ase liver isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] |
| CBR1\_HUMAN | Carbonyl reductase [NADPH] 1 (EC 1.1.1.184) (15-hydroxyprostaglandin dehydrogenase [NADP(+)]) (EC 1.1.1.197) (NADPH-dependent carbonyl reductase 1) (Prostaglandin 9-ketoreductase) (Prostaglandin-E(2) 9-reductase) (EC 1.1.1.189) (Short chain dehydrogenase/reductase family 21C member 1) |
| ANK1\_HUMAN | Ankyrin-1 (ANK-1) (Ankyrin-R) (Erythrocyte ankyrin) |
| ACADS\_HUMAN | Short-chain specific acyl-CoA dehydrogenase, mitochondrial (SCAD) (EC 1.3.8.1) (Butyryl-CoA dehydrogenase) |
| PECA1\_HUMAN | Platelet endothelial cell adhesion molecule (PECAM-1) (EndoCAM) (GPIIA') (PECA1) (CD antigen CD31) |
| PP2BB\_HUMAN | Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform (EC 3.1.3.16) (CAM-PRP catalytic subunit) (Calmodulin-dependent calcineurin A subunit beta isoform) |
| NCK1\_HUMAN | Cytoplasmic protein NCK1 (NCK adaptor protein 1) (Nck-1) (SH2/SH3 adaptor protein NCK-alpha) |
| GCFC2\_HUMAN | GC-rich sequence DNA-binding factor 2 (GC-rich sequence DNA-binding factor) (Transcription factor 9) (TCF-9) |
| H15\_HUMAN | Histone H1.5 (Histone H1a) (Histone H1b) (Histone H1s-3) |
| H13\_HUMAN | Histone H1.3 (Histone H1c) (Histone H1s-2) |
| H12\_HUMAN | Histone H1.2 (Histone H1c) (Histone H1d) (Histone H1s-1) |
| EPB42\_HUMAN | Erythrocyte membrane protein band 4.2 (Erythrocyte protein 4.2) (P4.2) |
| MGMT\_HUMAN | Methylated-DNA--protein-cysteine methyltransferase (EC 2.1.1.63) (6-O-methylguanine-DNA methyltransferase) (MGMT) (O-6-methylguanine-DNA-alkyltransferase) |
| PDE6A\_HUMAN | Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha (GMP-PDE alpha) (EC 3.1.4.35) (PDE V-B1) |
| FER\_HUMAN | Tyrosine-protein kinase Fer (EC 2.7.10.2) (Feline encephalitis virus-related kinase FER) (Fujinami poultry sarcoma/Feline sarcoma-related protein Fer) (Proto-oncogene c-Fer) (Tyrosine kinase 3) (p94-Fer) |
| AT2A2\_HUMAN | Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (SERCA2) (SR Ca(2+)-ATPase 2) (EC 3.6.3.8) (Calcium pump 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum class 1/2 Ca(2+) ATPase) |
| CD36\_HUMAN | Platelet glycoprotein 4 (Fatty acid translocase) (FAT) (Glycoprotein IIIb) (GPIIIB) (Leukocyte differentiation antigen CD36) (PAS IV) (PAS-4) (Platelet collagen receptor) (Platelet glycoprotein IV) (GPIV) (Thrombospondin receptor) (CD antigen CD36) |
| FAAA\_HUMAN | Fumarylacetoacetase (FAA) (EC 3.7.1.2) (Beta-diketonase) (Fumarylacetoacetate hydrolase) |
| STMN1\_HUMAN | Stathmin (Leukemia-associated phosphoprotein p18) (Metablastin) (Oncoprotein 18) (Op18) (Phosphoprotein p19) (pp19) (Prosolin) (Protein Pr22) (pp17) |
| YBOX3\_HUMAN | Y-box-binding protein 3 (Cold shock domain-containing protein A) (DNA-binding protein A) (Single-strand DNA-binding protein NF-GMB) |
| HSP76\_HUMAN | Heat shock 70 kDa protein 6 (Heat shock 70 kDa protein B') |
| HMGA1\_HUMAN | High mobility group protein HMG-I/HMG-Y (HMG-I(Y)) (High mobility group AT-hook protein 1) (High mobility group protein A1) (High mobility group protein R) |
| TMM11\_HUMAN | Transmembrane protein 11, mitochondrial (Protein PM1) (Protein PMI) |
| AATC\_HUMAN | Aspartate aminotransferase, cytoplasmic (cAspAT) (EC 2.6.1.1) (EC 2.6.1.3) (Cysteine aminotransferase, cytoplasmic) (Cysteine transaminase, cytoplasmic) (cCAT) (Glutamate oxaloacetate transaminase 1) (Transaminase A) |
| KPCA\_HUMAN | Protein kinase C alpha type (PKC-A) (PKC-alpha) (EC 2.7.11.13) |
| HXB8\_HUMAN | Homeobox protein Hox-B8 (Homeobox protein Hox-2.4) (Homeobox protein Hox-2D) |
| AK1C4\_HUMAN | Aldo-keto reductase family 1 member C4 (EC 1.1.1.-) (3-alpha-HSD1) (3-alpha-hydroxysteroid dehydrogenase type I) (EC 1.1.1.357) (Chlordecone reductase) (CDR) (EC 1.1.1.225) (Dihydrodiol dehydrogenase 4) (DD-4) (DD4) (HAKRA) |
| JUND\_HUMAN | Transcription factor jun-D |
| KCRS\_HUMAN | Creatine kinase S-type, mitochondrial (EC 2.7.3.2) (Basic-type mitochondrial creatine kinase) (Mib-CK) (Sarcomeric mitochondrial creatine kinase) (S-MtCK) |
| NDUB7\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (Cell adhesion protein SQM1) (Complex I-B18) (CI-B18) (NADH-ubiquinone oxidoreductase B18 subunit) |
| KAPCA\_HUMAN | cAMP-dependent protein kinase catalytic subunit alpha (PKA C-alpha) (EC 2.7.11.11) |
| CAN2\_HUMAN | Calpain-2 catalytic subunit (EC 3.4.22.53) (Calcium-activated neutral proteinase 2) (CANP 2) (Calpain M-type) (Calpain large polypeptide L2) (Calpain-2 large subunit) (Millimolar-calpain) (M-calpain) |
| DESM\_HUMAN | Desmin |
| PYRG1\_HUMAN | CTP synthase 1 (EC 6.3.4.2) (CTP synthetase 1) (UTP--ammonia ligase 1) |
| DDX5\_HUMAN | Probable ATP-dependent RNA helicase DDX5 (EC 3.6.4.13) (DEAD box protein 5) (RNA helicase p68) |
| PFKAL\_HUMAN | ATP-dependent 6-phosphofructokinase, liver type (ATP-PFK) (PFK-L) (EC 2.7.1.11) (6-phosphofructokinase type B) (Phosphofructo-1-kinase isozyme B) (PFK-B) (Phosphohexokinase) |
| LEG3\_HUMAN | Galectin-3 (Gal-3) (35 kDa lectin) (Carbohydrate-binding protein 35) (CBP 35) (Galactose-specific lectin 3) (Galactoside-binding protein) (GALBP) (IgE-binding protein) (L-31) (Laminin-binding protein) (Lectin L-29) (Mac-2 antigen) |
| PRS6A\_HUMAN | 26S protease regulatory subunit 6A (26S proteasome AAA-ATPase subunit RPT5) (Proteasome 26S subunit ATPase 3) (Proteasome subunit P50) (Tat-binding protein 1) (TBP-1) |
| TCPA\_HUMAN | T-complex protein 1 subunit alpha (TCP-1-alpha) (CCT-alpha) |
| PTN1\_HUMAN | Tyrosine-protein phosphatase non-receptor type 1 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1B) (PTP-1B) |
| RL35A\_HUMAN | 60S ribosomal protein L35a (Cell growth-inhibiting gene 33 protein) |
| ARF4\_HUMAN | ADP-ribosylation factor 4 |
| RL7\_HUMAN | 60S ribosomal protein L7 |
| VINC\_HUMAN | Vinculin (Metavinculin) (MV) |
| 1A25\_HUMAN | HLA class I histocompatibility antigen, A-25 alpha chain (HLA class I histocompatibility antigen, A-10 alpha chain) (MHC class I antigen A\*25) |
| GBRB1\_HUMAN | Gamma-aminobutyric acid receptor subunit beta-1 (GABA(A) receptor subunit beta-1) |
| SON\_HUMAN | Protein SON (Bax antagonist selected in saccharomyces 1) (BASS1) (Negative regulatory element-binding protein) (NRE-binding protein) (Protein DBP-5) (SON3) |
| NELFE\_HUMAN | Negative elongation factor E (NELF-E) (RNA-binding protein RD) |
| RL17\_HUMAN | 60S ribosomal protein L17 (60S ribosomal protein L23) (PD-1) |
| PGAM1\_HUMAN | Phosphoglycerate mutase 1 (EC 3.1.3.13) (EC 5.4.2.11) (EC 5.4.2.4) (BPG-dependent PGAM 1) (Phosphoglycerate mutase isozyme B) (PGAM-B) |
| ATF1\_HUMAN | Cyclic AMP-dependent transcription factor ATF-1 (cAMP-dependent transcription factor ATF-1) (Activating transcription factor 1) (Protein TREB36) |
| ATP5J\_HUMAN | ATP synthase-coupling factor 6, mitochondrial (ATPase subunit F6) |
| K1C15\_HUMAN | Keratin, type I cytoskeletal 15 (Cytokeratin-15) (CK-15) (Keratin-15) (K15) |
| K2C4\_HUMAN | Keratin, type II cytoskeletal 4 (Cytokeratin-4) (CK-4) (Keratin-4) (K4) (Type-II keratin Kb4) |
| TSN8\_HUMAN | Tetraspanin-8 (Tspan-8) (Transmembrane 4 superfamily member 3) (Tumor-associated antigen CO-029) |
| ML12A\_HUMAN | Myosin regulatory light chain 12A (Epididymis secretory protein Li 24) (HEL-S-24) (MLC-2B) (Myosin RLC) (Myosin regulatory light chain 2, nonsarcomeric) (Myosin regulatory light chain MRLC3) |
| TNNI1\_HUMAN | Troponin I, slow skeletal muscle (Troponin I, slow-twitch isoform) |
| NUCL\_HUMAN | Nucleolin (Protein C23) |
| HXK1\_HUMAN | Hexokinase-1 (EC 2.7.1.1) (Brain form hexokinase) (Hexokinase type I) (HK I) |
| RPAB1\_HUMAN | DNA-directed RNA polymerases I, II, and III subunit RPABC1 (RNA polymerases I, II, and III subunit ABC1) (DNA-directed RNA polymerase II 23 kDa polypeptide) (DNA-directed RNA polymerase II subunit E) (RPB5 homolog) (XAP4) |
| NDUV2\_HUMAN | NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 24 kDa subunit) |
| TNNI3\_HUMAN | Troponin I, cardiac muscle (Cardiac troponin I) |
| TFEB\_HUMAN | Transcription factor EB (Class E basic helix-loop-helix protein 35) (bHLHe35) |
| SPEE\_HUMAN | Spermidine synthase (SPDSY) (EC 2.5.1.16) (Putrescine aminopropyltransferase) |
| SL9A1\_HUMAN | Sodium/hydrogen exchanger 1 (APNH) (Na(+)/H(+) antiporter, amiloride-sensitive) (Na(+)/H(+) exchanger 1) (NHE-1) (Solute carrier family 9 member 1) |
| A1AG2\_HUMAN | Alpha-1-acid glycoprotein 2 (AGP 2) (Orosomucoid-2) (OMD 2) |
| ITIH2\_HUMAN | Inter-alpha-trypsin inhibitor heavy chain H2 (ITI heavy chain H2) (ITI-HC2) (Inter-alpha-inhibitor heavy chain 2) (Inter-alpha-trypsin inhibitor complex component II) (Serum-derived hyaluronan-associated protein) (SHAP) |
| ITIH1\_HUMAN | Inter-alpha-trypsin inhibitor heavy chain H1 (ITI heavy chain H1) (ITI-HC1) (Inter-alpha-inhibitor heavy chain 1) (Inter-alpha-trypsin inhibitor complex component III) (Serum-derived hyaluronan-associated protein) (SHAP) |
| TYPH\_HUMAN | Thymidine phosphorylase (TP) (EC 2.4.2.4) (Gliostatin) (Platelet-derived endothelial cell growth factor) (PD-ECGF) (TdRPase) |
| AT2B1\_HUMAN | Plasma membrane calcium-transporting ATPase 1 (PMCA1) (EC 3.6.3.8) (Plasma membrane calcium ATPase isoform 1) (Plasma membrane calcium pump isoform 1) |
| DPA1\_HUMAN | HLA class II histocompatibility antigen, DP alpha 1 chain (DP(W3)) (DP(W4)) (HLA-SB alpha chain) (MHC class II DP3-alpha) (MHC class II DPA1) |
| 2B1B\_HUMAN | HLA class II histocompatibility antigen, DRB1-11 beta chain (DR-5) (DR5) (DRw11) (MHC class II antigen DRB1\*11) |
| IF2B\_HUMAN | Eukaryotic translation initiation factor 2 subunit 2 (Eukaryotic translation initiation factor 2 subunit beta) (eIF-2-beta) |
| ANXA7\_HUMAN | Annexin A7 (Annexin VII) (Annexin-7) (Synexin) |
| BTF3\_HUMAN | Transcription factor BTF3 (Nascent polypeptide-associated complex subunit beta) (NAC-beta) (RNA polymerase B transcription factor 3) |
| AL5AP\_HUMAN | Arachidonate 5-lipoxygenase-activating protein (FLAP) (MK-886-binding protein) |
| RAB4A\_HUMAN | Ras-related protein Rab-4A |
| RAB5A\_HUMAN | Ras-related protein Rab-5A |
| RAB6A\_HUMAN | Ras-related protein Rab-6A (Rab-6) |
| PRVA\_HUMAN | Parvalbumin alpha |
| PSB1\_HUMAN | Proteasome subunit beta type-1 (EC 3.4.25.1) (Macropain subunit C5) (Multicatalytic endopeptidase complex subunit C5) (Proteasome component C5) (Proteasome gamma chain) |
| ATP4A\_HUMAN | Potassium-transporting ATPase alpha chain 1 (EC 3.6.3.10) (Gastric H(+)/K(+) ATPase subunit alpha) (Proton pump) |
| H2A1D\_HUMAN | Histone H2A type 1-D (Histone H2A.3) (Histone H2A/g) |
| COX5A\_HUMAN | Cytochrome c oxidase subunit 5A, mitochondrial (Cytochrome c oxidase polypeptide Va) |
| LMNB1\_HUMAN | Lamin-B1 |
| MIME\_HUMAN | Mimecan (Osteoglycin) (Osteoinductive factor) (OIF) |
| CAN3\_HUMAN | Calpain-3 (EC 3.4.22.54) (Calcium-activated neutral proteinase 3) (CANP 3) (Calpain L3) (Calpain p94) (Muscle-specific calcium-activated neutral protease 3) (New calpain 1) (nCL-1) |
| ICAL\_HUMAN | Calpastatin (Calpain inhibitor) (Sperm BS-17 component) |
| IMDH1\_HUMAN | Inosine-5'-monophosphate dehydrogenase 1 (IMP dehydrogenase 1) (IMPD 1) (IMPDH 1) (EC 1.1.1.205) (IMPDH-I) |
| A1ATR\_HUMAN | Putative alpha-1-antitrypsin-related protein (Protease inhibitor 1-like) (Serpin A2) |
| CO5A1\_HUMAN | Collagen alpha-1(V) chain |
| NEBU\_HUMAN | Nebulin |
| PTMS\_HUMAN | Parathymosin |
| PRPS3\_HUMAN | Ribose-phosphate pyrophosphokinase 3 (EC 2.7.6.1) (Phosphoribosyl pyrophosphate synthase 1-like 1) (PRPS1-like 1) (Phosphoribosyl pyrophosphate synthase III) (PRS-III) |
| CD11B\_HUMAN | Cyclin-dependent kinase 11B (EC 2.7.11.22) (Cell division cycle 2-like protein kinase 1) (CLK-1) (Cell division protein kinase 11B) (Galactosyltransferase-associated protein kinase p58/GTA) (PITSLRE serine/threonine-protein kinase CDC2L1) (p58 CLK-1) |
| GSTM3\_HUMAN | Glutathione S-transferase Mu 3 (EC 2.5.1.18) (GST class-mu 3) (GSTM3-3) (hGSTM3-3) |
| VATB2\_HUMAN | V-type proton ATPase subunit B, brain isoform (V-ATPase subunit B 2) (Endomembrane proton pump 58 kDa subunit) (HO57) (Vacuolar proton pump subunit B 2) |
| VATC1\_HUMAN | V-type proton ATPase subunit C 1 (V-ATPase subunit C 1) (Vacuolar proton pump subunit C 1) |
| CSRP1\_HUMAN | Cysteine and glycine-rich protein 1 (Cysteine-rich protein 1) (CRP) (CRP1) (Epididymis luminal protein 141) (HEL-141) |
| FLNA\_HUMAN | Filamin-A (FLN-A) (Actin-binding protein 280) (ABP-280) (Alpha-filamin) (Endothelial actin-binding protein) (Filamin-1) (Non-muscle filamin) |
| AOFA\_HUMAN | Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) |
| ACOC\_HUMAN | Cytoplasmic aconitate hydratase (Aconitase) (EC 4.2.1.3) (Citrate hydro-lyase) (Ferritin repressor protein) (Iron regulatory protein 1) (IRP1) (Iron-responsive element-binding protein 1) (IRE-BP 1) |
| NK2R\_HUMAN | Substance-K receptor (SKR) (NK-2 receptor) (NK-2R) (Neurokinin A receptor) (Tachykinin receptor 2) |
| GPDA\_HUMAN | Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic (GPD-C) (GPDH-C) (EC 1.1.1.8) |
| VDAC1\_HUMAN | Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) |
| FGFR2\_HUMAN | Fibroblast growth factor receptor 2 (FGFR-2) (EC 2.7.10.1) (K-sam) (KGFR) (Keratinocyte growth factor receptor) (CD antigen CD332) |
| PGS1\_HUMAN | Biglycan (Bone/cartilage proteoglycan I) (PG-S1) |
| RYR1\_HUMAN | Ryanodine receptor 1 (RYR-1) (RyR1) (Skeletal muscle calcium release channel) (Skeletal muscle ryanodine receptor) (Skeletal muscle-type ryanodine receptor) (Type 1 ryanodine receptor) |
| ERBB3\_HUMAN | Receptor tyrosine-protein kinase erbB-3 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-3) (Tyrosine kinase-type cell surface receptor HER3) |
| SDHB\_HUMAN | Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial (EC 1.3.5.1) (Iron-sulfur subunit of complex II) (Ip) |
| CD9\_HUMAN | CD9 antigen (5H9 antigen) (Cell growth-inhibiting gene 2 protein) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) (p24) (CD antigen CD9) |
| ODBB\_HUMAN | 2-oxoisovalerate dehydrogenase subunit beta, mitochondrial (EC 1.2.4.4) (Branched-chain alpha-keto acid dehydrogenase E1 component beta chain) (BCKDE1B) (BCKDH E1-beta) |
| COMT\_HUMAN | Catechol O-methyltransferase (EC 2.1.1.6) |
| TGM2\_HUMAN | Protein-glutamine gamma-glutamyltransferase 2 (EC 2.3.2.13) (Tissue transglutaminase) (Transglutaminase C) (TG(C)) (TGC) (TGase C) (Transglutaminase H) (TGase H) (Transglutaminase-2) (TGase-2) |
| MUTA\_HUMAN | Methylmalonyl-CoA mutase, mitochondrial (MCM) (EC 5.4.99.2) (Methylmalonyl-CoA isomerase) |
| OSBP1\_HUMAN | Oxysterol-binding protein 1 |
| PIMT\_HUMAN | Protein-L-isoaspartate(D-aspartate) O-methyltransferase (PIMT) (EC 2.1.1.77) (L-isoaspartyl protein carboxyl methyltransferase) (Protein L-isoaspartyl/D-aspartyl methyltransferase) (Protein-beta-aspartate methyltransferase) |
| FBRL\_HUMAN | rRNA 2'-O-methyltransferase fibrillarin (EC 2.1.1.-) (34 kDa nucleolar scleroderma antigen) (Histone-glutamine methyltransferase) |
| PUR2\_HUMAN | Trifunctional purine biosynthetic protein adenosine-3 [Includes: Phosphoribosylamine--glycine ligase (EC 6.3.4.13) (Glycinamide ribonucleotide synthetase) (GARS) (Phosphoribosylglycinamide synthetase); Phosphoribosylformylglycinamidine cyclo-ligase (EC 6.3.3.1) (AIR synthase) (AIRS) (Phosphoribosyl-aminoimidazole synthetase); Phosphoribosylglycinamide formyltransferase (EC 2.1.2.2) (5'-phosphoribosylglycinamide transformylase) (GAR transformylase) (GART)] |
| TENX\_HUMAN | Tenascin-X (TN-X) (Hexabrachion-like protein) |
| PUR6\_HUMAN | Multifunctional protein ADE2 [Includes: Phosphoribosylaminoimidazole-succinocarboxamide synthase (EC 6.3.2.6) (SAICAR synthetase); Phosphoribosylaminoimidazole carboxylase (EC 4.1.1.21) (AIR carboxylase) (AIRC)] |
| NLTP\_HUMAN | Non-specific lipid-transfer protein (NSL-TP) (EC 2.3.1.176) (Propanoyl-CoA C-acyltransferase) (SCP-chi) (SCPX) (Sterol carrier protein 2) (SCP-2) (Sterol carrier protein X) (SCP-X) |
| UBA1\_HUMAN | Ubiquitin-like modifier-activating enzyme 1 (Protein A1S9) (Ubiquitin-activating enzyme E1) |
| GPX3\_HUMAN | Glutathione peroxidase 3 (GPx-3) (GSHPx-3) (EC 1.11.1.9) (Extracellular glutathione peroxidase) (Plasma glutathione peroxidase) (GPx-P) (GSHPx-P) |
| NDKB\_HUMAN | Nucleoside diphosphate kinase B (NDK B) (NDP kinase B) (EC 2.7.4.6) (C-myc purine-binding transcription factor PUF) (Histidine protein kinase NDKB) (EC 2.7.13.3) (nm23-H2) |
| HEM0\_HUMAN | 5-aminolevulinate synthase, erythroid-specific, mitochondrial (ALAS-E) (EC 2.3.1.37) (5-aminolevulinic acid synthase 2) (Delta-ALA synthase 2) (Delta-aminolevulinate synthase 2) |
| ADRO\_HUMAN | NADPH:adrenodoxin oxidoreductase, mitochondrial (AR) (Adrenodoxin reductase) (EC 1.18.1.6) (Ferredoxin--NADP(+) reductase) (Ferredoxin reductase) |
| ROA2\_HUMAN | Heterogeneous nuclear ribonucleoproteins A2/B1 (hnRNP A2/B1) |
| KAPCB\_HUMAN | cAMP-dependent protein kinase catalytic subunit beta (PKA C-beta) (EC 2.7.11.11) |
| QCR2\_HUMAN | Cytochrome b-c1 complex subunit 2, mitochondrial (Complex III subunit 2) (Core protein II) (Ubiquinol-cytochrome-c reductase complex core protein 2) |
| GTR5\_HUMAN | Solute carrier family 2, facilitated glucose transporter member 5 (Fructose transporter) (Glucose transporter type 5, small intestine) (GLUT-5) |
| CAH4\_HUMAN | Carbonic anhydrase 4 (EC 4.2.1.1) (Carbonate dehydratase IV) (Carbonic anhydrase IV) (CA-IV) |
| HEMH\_HUMAN | Ferrochelatase, mitochondrial (EC 4.99.1.1) (Heme synthase) (Protoheme ferro-lyase) |
| MRC1\_HUMAN | Macrophage mannose receptor 1 (MMR) (C-type lectin domain family 13 member D) (C-type lectin domain family 13 member D-like) (Human mannose receptor) (hMR) (Macrophage mannose receptor 1-like protein 1) (CD antigen CD206) |
| AMPD1\_HUMAN | AMP deaminase 1 (EC 3.5.4.6) (AMP deaminase isoform M) (Myoadenylate deaminase) |
| FBLN1\_HUMAN | Fibulin-1 (FIBL-1) |
| ITA6\_HUMAN | Integrin alpha-6 (CD49 antigen-like family member F) (VLA-6) (CD antigen CD49f) [Cleaved into: Integrin alpha-6 heavy chain; Integrin alpha-6 light chain; Processed integrin alpha-6 (Alpha6p)] |
| SFPQ\_HUMAN | Splicing factor, proline- and glutamine-rich (100 kDa DNA-pairing protein) (hPOMp100) (DNA-binding p52/p100 complex, 100 kDa subunit) (Polypyrimidine tract-binding protein-associated-splicing factor) (PSF) (PTB-associated-splicing factor) |
| TBG1\_HUMAN | Tubulin gamma-1 chain (Gamma-1-tubulin) (Gamma-tubulin complex component 1) (GCP-1) |
| CAH6\_HUMAN | Carbonic anhydrase 6 (EC 4.2.1.1) (Carbonate dehydratase VI) (Carbonic anhydrase VI) (CA-VI) (Salivary carbonic anhydrase) (Secreted carbonic anhydrase) |
| PPIB\_HUMAN | Peptidyl-prolyl cis-trans isomerase B (PPIase B) (EC 5.2.1.8) (CYP-S1) (Cyclophilin B) (Rotamase B) (S-cyclophilin) (SCYLP) |
| S10A1\_HUMAN | Protein S100-A1 (S-100 protein alpha chain) (S-100 protein subunit alpha) (S100 calcium-binding protein A1) |
| SRCH\_HUMAN | Sarcoplasmic reticulum histidine-rich calcium-binding protein |
| KALM\_HUMAN | Anosmin-1 (Adhesion molecule-like X-linked) (Kallmann syndrome protein) |
| MAOM\_HUMAN | NAD-dependent malic enzyme, mitochondrial (NAD-ME) (EC 1.1.1.38) (Malic enzyme 2) |
| SYWC\_HUMAN | Tryptophan--tRNA ligase, cytoplasmic (EC 6.1.1.2) (Interferon-induced protein 53) (IFP53) (Tryptophanyl-tRNA synthetase) (TrpRS) (hWRS) [Cleaved into: T1-TrpRS; T2-TrpRS] |
| RS3\_HUMAN | 40S ribosomal protein S3 (EC 4.2.99.18) |
| GCSH\_HUMAN | Glycine cleavage system H protein, mitochondrial (Lipoic acid-containing protein) |
| KS6B1\_HUMAN | Ribosomal protein S6 kinase beta-1 (S6K-beta-1) (S6K1) (EC 2.7.11.1) (70 kDa ribosomal protein S6 kinase 1) (P70S6K1) (p70-S6K 1) (Ribosomal protein S6 kinase I) (Serine/threonine-protein kinase 14A) (p70 ribosomal S6 kinase alpha) (p70 S6 kinase alpha) (p70 S6K-alpha) (p70 S6KA) |
| JAK1\_HUMAN | Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1) |
| PTPRB\_HUMAN | Receptor-type tyrosine-protein phosphatase beta (Protein-tyrosine phosphatase beta) (R-PTP-beta) (EC 3.1.3.48) (Vascular endothelial protein tyrosine phosphatase) (VE-PTP) |
| SAHH\_HUMAN | Adenosylhomocysteinase (AdoHcyase) (EC 3.3.1.1) (S-adenosyl-L-homocysteine hydrolase) |
| H2B1O\_HUMAN | Histone H2B type 1-O (Histone H2B.2) (Histone H2B.n) (H2B/n) |
| COF1\_HUMAN | Cofilin-1 (18 kDa phosphoprotein) (p18) (Cofilin, non-muscle isoform) |
| IF4B\_HUMAN | Eukaryotic translation initiation factor 4B (eIF-4B) |
| AT2B4\_HUMAN | Plasma membrane calcium-transporting ATPase 4 (PMCA4) (EC 3.6.3.8) (Matrix-remodeling-associated protein 1) (Plasma membrane calcium ATPase isoform 4) (Plasma membrane calcium pump isoform 4) |
| CPT2\_HUMAN | Carnitine O-palmitoyltransferase 2, mitochondrial (EC 2.3.1.21) (Carnitine palmitoyltransferase II) (CPT II) |
| KTHY\_HUMAN | Thymidylate kinase (EC 2.7.4.9) (dTMP kinase) |
| CMA1\_HUMAN | Chymase (EC 3.4.21.39) (Alpha-chymase) (Mast cell protease I) |
| SC6A2\_HUMAN | Sodium-dependent noradrenaline transporter (Norepinephrine transporter) (NET) (Solute carrier family 6 member 2) |
| LAMA2\_HUMAN | Laminin subunit alpha-2 (Laminin M chain) (Laminin-12 subunit alpha) (Laminin-2 subunit alpha) (Laminin-4 subunit alpha) (Merosin heavy chain) |
| ALAT1\_HUMAN | Alanine aminotransferase 1 (ALT1) (EC 2.6.1.2) (Glutamate pyruvate transaminase 1) (GPT 1) (Glutamic--alanine transaminase 1) (Glutamic--pyruvic transaminase 1) |
| CX7A1\_HUMAN | Cytochrome c oxidase subunit 7A1, mitochondrial (Cytochrome c oxidase subunit VIIa-heart) (Cytochrome c oxidase subunit VIIa-H) (Cytochrome c oxidase subunit VIIa-muscle) (Cytochrome c oxidase subunit VIIa-M) |
| COX7B\_HUMAN | Cytochrome c oxidase subunit 7B, mitochondrial (Cytochrome c oxidase polypeptide VIIb) |
| EF1B\_HUMAN | Elongation factor 1-beta (EF-1-beta) |
| AT5F1\_HUMAN | ATP synthase F(0) complex subunit B1, mitochondrial (ATP synthase proton-transporting mitochondrial F(0) complex subunit B1) (ATP synthase subunit b) (ATPase subunit b) |
| IBP6\_HUMAN | Insulin-like growth factor-binding protein 6 (IBP-6) (IGF-binding protein 6) (IGFBP-6) |
| IBP5\_HUMAN | Insulin-like growth factor-binding protein 5 (IBP-5) (IGF-binding protein 5) (IGFBP-5) |
| PPAC\_HUMAN | Low molecular weight phosphotyrosine protein phosphatase (LMW-PTP) (LMW-PTPase) (EC 3.1.3.48) (Adipocyte acid phosphatase) (Low molecular weight cytosolic acid phosphatase) (EC 3.1.3.2) (Red cell acid phosphatase 1) |
| KPCL\_HUMAN | Protein kinase C eta type (EC 2.7.11.13) (PKC-L) (nPKC-eta) |
| THIL\_HUMAN | Acetyl-CoA acetyltransferase, mitochondrial (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) |
| TENA\_HUMAN | Tenascin (TN) (Cytotactin) (GMEM) (GP 150-225) (Glioma-associated-extracellular matrix antigen) (Hexabrachion) (JI) (Myotendinous antigen) (Neuronectin) (Tenascin-C) (TN-C) |
| MYL9\_HUMAN | Myosin regulatory light polypeptide 9 (20 kDa myosin light chain) (LC20) (MLC-2C) (Myosin RLC) (Myosin regulatory light chain 2, smooth muscle isoform) (Myosin regulatory light chain 9) (Myosin regulatory light chain MRLC1) |
| DNAS1\_HUMAN | Deoxyribonuclease-1 (EC 3.1.21.1) (Deoxyribonuclease I) (DNase I) (Dornase alfa) |
| CCNE1\_HUMAN | G1/S-specific cyclin-E1 |
| RPB1\_HUMAN | DNA-directed RNA polymerase II subunit RPB1 (RNA polymerase II subunit B1) (EC 2.7.7.6) (DNA-directed RNA polymerase II subunit A) (DNA-directed RNA polymerase III largest subunit) (RNA-directed RNA polymerase II subunit RPB1) (EC 2.7.7.48) |
| FPR3\_HUMAN | N-formyl peptide receptor 3 (FMLP-related receptor II) (FMLP-R-II) (Formyl peptide receptor-like 2) |
| ARBK1\_HUMAN | Beta-adrenergic receptor kinase 1 (Beta-ARK-1) (EC 2.7.11.15) (G-protein coupled receptor kinase 2) |
| ZA2G\_HUMAN | Zinc-alpha-2-glycoprotein (Zn-alpha-2-GP) (Zn-alpha-2-glycoprotein) |
| THTM\_HUMAN | 3-mercaptopyruvate sulfurtransferase (MST) (EC 2.8.1.2) |
| LAMA1\_HUMAN | Laminin subunit alpha-1 (Laminin A chain) (Laminin-1 subunit alpha) (Laminin-3 subunit alpha) (S-laminin subunit alpha) (S-LAM alpha) |
| RS12\_HUMAN | 40S ribosomal protein S12 |
| DNJB1\_HUMAN | DnaJ homolog subfamily B member 1 (DnaJ protein homolog 1) (Heat shock 40 kDa protein 1) (HSP40) (Heat shock protein 40) (Human DnaJ protein 1) (hDj-1) |
| DNJB2\_HUMAN | DnaJ homolog subfamily B member 2 (DnaJ protein homolog 1) (Heat shock 40 kDa protein 3) (Heat shock protein J1) (HSJ-1) |
| ATPA\_HUMAN | ATP synthase subunit alpha, mitochondrial |
| PSA1\_HUMAN | Proteasome subunit alpha type-1 (EC 3.4.25.1) (30 kDa prosomal protein) (PROS-30) (Macropain subunit C2) (Multicatalytic endopeptidase complex subunit C2) (Proteasome component C2) (Proteasome nu chain) |
| PSA2\_HUMAN | Proteasome subunit alpha type-2 (EC 3.4.25.1) (Macropain subunit C3) (Multicatalytic endopeptidase complex subunit C3) (Proteasome component C3) |
| PSA3\_HUMAN | Proteasome subunit alpha type-3 (EC 3.4.25.1) (Macropain subunit C8) (Multicatalytic endopeptidase complex subunit C8) (Proteasome component C8) |
| PSA4\_HUMAN | Proteasome subunit alpha type-4 (EC 3.4.25.1) (Macropain subunit C9) (Multicatalytic endopeptidase complex subunit C9) (Proteasome component C9) (Proteasome subunit L) |
| CO5A3\_HUMAN | Collagen alpha-3(V) chain |
| MOES\_HUMAN | Moesin (Membrane-organizing extension spike protein) |
| PTN3\_HUMAN | Tyrosine-protein phosphatase non-receptor type 3 (EC 3.1.3.48) (Protein-tyrosine phosphatase H1) (PTP-H1) |
| DDX6\_HUMAN | Probable ATP-dependent RNA helicase DDX6 (EC 3.6.4.13) (ATP-dependent RNA helicase p54) (DEAD box protein 6) (Oncogene RCK) |
| CTNA2\_HUMAN | Catenin alpha-2 (Alpha N-catenin) (Alpha-catenin-related protein) |
| U2AF2\_HUMAN | Splicing factor U2AF 65 kDa subunit (U2 auxiliary factor 65 kDa subunit) (hU2AF(65)) (hU2AF65) (U2 snRNP auxiliary factor large subunit) |
| RL13\_HUMAN | 60S ribosomal protein L13 (Breast basic conserved protein 1) |
| IVD\_HUMAN | Isovaleryl-CoA dehydrogenase, mitochondrial (IVD) (EC 1.3.8.4) |
| S10A4\_HUMAN | Protein S100-A4 (Calvasculin) (Metastasin) (Placental calcium-binding protein) (Protein Mts1) (S100 calcium-binding protein A4) |
| HMGB2\_HUMAN | High mobility group protein B2 (High mobility group protein 2) (HMG-2) |
| PTBP1\_HUMAN | Polypyrimidine tract-binding protein 1 (PTB) (57 kDa RNA-binding protein PPTB-1) (Heterogeneous nuclear ribonucleoprotein I) (hnRNP I) |
| SYTC\_HUMAN | Threonine--tRNA ligase, cytoplasmic (EC 6.1.1.3) (Threonyl-tRNA synthetase) (ThrRS) |
| SYVC\_HUMAN | Valine--tRNA ligase (EC 6.1.1.9) (Protein G7a) (Valyl-tRNA synthetase) (ValRS) |
| EF1G\_HUMAN | Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma) |
| PPLA\_HUMAN | Cardiac phospholamban (PLB) |
| FKBP2\_HUMAN | Peptidyl-prolyl cis-trans isomerase FKBP2 (PPIase FKBP2) (EC 5.2.1.8) (13 kDa FK506-binding protein) (13 kDa FKBP) (FKBP-13) (FK506-binding protein 2) (FKBP-2) (Immunophilin FKBP13) (Rotamase) |
| CNTFR\_HUMAN | Ciliary neurotrophic factor receptor subunit alpha (CNTF receptor subunit alpha) (CNTFR-alpha) |
| STOM\_HUMAN | Erythrocyte band 7 integral membrane protein (Protein 7.2b) (Stomatin) |
| PON1\_HUMAN | Serum paraoxonase/arylesterase 1 (PON 1) (EC 3.1.1.2) (EC 3.1.1.81) (EC 3.1.8.1) (Aromatic esterase 1) (A-esterase 1) (K-45) (Serum aryldialkylphosphatase 1) |
| AOFB\_HUMAN | Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) |
| 1433T\_HUMAN | 14-3-3 protein theta (14-3-3 protein T-cell) (14-3-3 protein tau) (Protein HS1) |
| MK03\_HUMAN | Mitogen-activated protein kinase 3 (MAP kinase 3) (MAPK 3) (EC 2.7.11.24) (ERT2) (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase isoform p44) (p44-MAPK) (Microtubule-associated protein 2 kinase) (p44-ERK1) |
| MARK3\_HUMAN | MAP/microtubule affinity-regulating kinase 3 (EC 2.7.11.1) (C-TAK1) (cTAK1) (Cdc25C-associated protein kinase 1) (ELKL motif kinase 2) (EMK-2) (Protein kinase STK10) (Ser/Thr protein kinase PAR-1) (Par-1a) (Serine/threonine-protein kinase p78) |
| CALL3\_HUMAN | Calmodulin-like protein 3 (CaM-like protein) (CLP) (Calmodulin-related protein NB-1) |
| DPP4\_HUMAN | Dipeptidyl peptidase 4 (EC 3.4.14.5) (ADABP) (Adenosine deaminase complexing protein 2) (ADCP-2) (Dipeptidyl peptidase IV) (DPP IV) (T-cell activation antigen CD26) (TP103) (CD antigen CD26) [Cleaved into: Dipeptidyl peptidase 4 membrane form (Dipeptidyl peptidase IV membrane form); Dipeptidyl peptidase 4 soluble form (Dipeptidyl peptidase IV soluble form)] |
| CERS1\_HUMAN | Ceramide synthase 1 (CerS1) (LAG1 longevity assurance homolog 1) (Longevity assurance gene 1 protein homolog 1) (Protein UOG-1) |
| RL10\_HUMAN | 60S ribosomal protein L10 (Laminin receptor homolog) (Protein QM) (Tumor suppressor QM) |
| RFA1\_HUMAN | Replication protein A 70 kDa DNA-binding subunit (RP-A p70) (Replication factor A protein 1) (RF-A protein 1) (Single-stranded DNA-binding protein) [Cleaved into: Replication protein A 70 kDa DNA-binding subunit, N-terminally processed] |
| APEX1\_HUMAN | DNA-(apurinic or apyrimidinic site) lyase (EC 3.1.-.-) (EC 4.2.99.18) (APEX nuclease) (APEN) (Apurinic-apyrimidinic endonuclease 1) (AP endonuclease 1) (APE-1) (REF-1) (Redox factor-1) [Cleaved into: DNA-(apurinic or apyrimidinic site) lyase, mitochondrial] |
| CALR\_HUMAN | Calreticulin (CRP55) (Calregulin) (Endoplasmic reticulum resident protein 60) (ERp60) (HACBP) (grp60) |
| PDE4A\_HUMAN | cAMP-specific 3',5'-cyclic phosphodiesterase 4A (EC 3.1.4.53) (DPDE2) (PDE46) |
| MAP4\_HUMAN | Microtubule-associated protein 4 (MAP-4) |
| CALX\_HUMAN | Calnexin (IP90) (Major histocompatibility complex class I antigen-binding protein p88) (p90) |
| PROP\_HUMAN | Properdin (Complement factor P) |
| PSB8\_HUMAN | Proteasome subunit beta type-8 (EC 3.4.25.1) (Low molecular mass protein 7) (Macropain subunit C13) (Multicatalytic endopeptidase complex subunit C13) (Proteasome component C13) (Proteasome subunit beta-5i) (Really interesting new gene 10 protein) |
| PSA5\_HUMAN | Proteasome subunit alpha type-5 (EC 3.4.25.1) (Macropain zeta chain) (Multicatalytic endopeptidase complex zeta chain) (Proteasome zeta chain) |
| PSB4\_HUMAN | Proteasome subunit beta type-4 (EC 3.4.25.1) (26 kDa prosomal protein) (HsBPROS26) (PROS-26) (Macropain beta chain) (Multicatalytic endopeptidase complex beta chain) (Proteasome beta chain) (Proteasome chain 3) (HsN3) |
| PSB6\_HUMAN | Proteasome subunit beta type-6 (EC 3.4.25.1) (Macropain delta chain) (Multicatalytic endopeptidase complex delta chain) (Proteasome delta chain) (Proteasome subunit Y) |
| PSB5\_HUMAN | Proteasome subunit beta type-5 (EC 3.4.25.1) (Macropain epsilon chain) (Multicatalytic endopeptidase complex epsilon chain) (Proteasome chain 6) (Proteasome epsilon chain) (Proteasome subunit MB1) (Proteasome subunit X) |
| GSTM2\_HUMAN | Glutathione S-transferase Mu 2 (EC 2.5.1.18) (GST class-mu 2) (GSTM2-2) |
| ABCD3\_HUMAN | ATP-binding cassette sub-family D member 3 (70 kDa peroxisomal membrane protein) (PMP70) |
| TMOD1\_HUMAN | Tropomodulin-1 (Erythrocyte tropomodulin) (E-Tmod) |
| NDUS1\_HUMAN | NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75kD) (CI-75kD) |
| DPOD1\_HUMAN | DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) |
| MK01\_HUMAN | Mitogen-activated protein kinase 1 (MAP kinase 1) (MAPK 1) (EC 2.7.11.24) (ERT1) (Extracellular signal-regulated kinase 2) (ERK-2) (MAP kinase isoform p42) (p42-MAPK) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2) |
| ERCC5\_HUMAN | DNA repair protein complementing XP-G cells (EC 3.1.-.-) (DNA excision repair protein ERCC-5) (Xeroderma pigmentosum group G-complementing protein) |
| AMPL\_HUMAN | Cytosol aminopeptidase (EC 3.4.11.1) (Leucine aminopeptidase 3) (LAP-3) (Leucyl aminopeptidase) (Peptidase S) (Proline aminopeptidase) (EC 3.4.11.5) (Prolyl aminopeptidase) |
| CD34\_HUMAN | Hematopoietic progenitor cell antigen CD34 (CD antigen CD34) |
| CD38\_HUMAN | ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1 (EC 3.2.2.6) (2'-phospho-ADP-ribosyl cyclase) (2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase) (EC 2.4.99.20) (2'-phospho-cyclic-ADP-ribose transferase) (ADP-ribosyl cyclase 1) (ADPRC 1) (Cyclic ADP-ribose hydrolase 1) (cADPr hydrolase 1) (T10) (CD antigen CD38) |
| S10A2\_HUMAN | Protein S100-A2 (CAN19) (Protein S-100L) (S100 calcium-binding protein A2) |
| T2EB\_HUMAN | Transcription initiation factor IIE subunit beta (TFIIE-beta) (General transcription factor IIE subunit 2) |
| TPP2\_HUMAN | Tripeptidyl-peptidase 2 (TPP-2) (EC 3.4.14.10) (Tripeptidyl aminopeptidase) (Tripeptidyl-peptidase II) (TPP-II) |
| IMPA1\_HUMAN | Inositol monophosphatase 1 (IMP 1) (IMPase 1) (EC 3.1.3.25) (D-galactose 1-phosphate phosphatase) (EC 3.1.3.94) (Inositol-1(or 4)-monophosphatase 1) (Lithium-sensitive myo-inositol monophosphatase A1) |
| SHC1\_HUMAN | SHC-transforming protein 1 (SHC-transforming protein 3) (SHC-transforming protein A) (Src homology 2 domain-containing-transforming protein C1) (SH2 domain protein C1) |
| TKT\_HUMAN | Transketolase (TK) (EC 2.2.1.1) |
| NOS1\_HUMAN | Nitric oxide synthase, brain (EC 1.14.13.39) (Constitutive NOS) (NC-NOS) (NOS type I) (Neuronal NOS) (N-NOS) (nNOS) (Peptidyl-cysteine S-nitrosylase NOS1) (bNOS) |
| SPB3\_HUMAN | Serpin B3 (Protein T4-A) (Squamous cell carcinoma antigen 1) (SCCA-1) |
| LMOD1\_HUMAN | Leiomodin-1 (64 kDa autoantigen 1D) (64 kDa autoantigen 1D3) (64 kDa autoantigen D1) (Leiomodin, muscle form) (Smooth muscle leiomodin) (SM-Lmod) (Thyroid-associated ophthalmopathy autoantigen) |
| PML\_HUMAN | Protein PML (Promyelocytic leukemia protein) (RING finger protein 71) (Tripartite motif-containing protein 19) |
| KAIN\_HUMAN | Kallistatin (Kallikrein inhibitor) (Peptidase inhibitor 4) (PI-4) (Serpin A4) |
| EF1D\_HUMAN | Elongation factor 1-delta (EF-1-delta) (Antigen NY-CO-4) |
| OAS2\_HUMAN | 2'-5'-oligoadenylate synthase 2 ((2-5')oligo(A) synthase 2) (2-5A synthase 2) (EC 2.7.7.84) (p69 OAS / p71 OAS) (p69OAS / p71OAS) |
| ODPAT\_HUMAN | Pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial (EC 1.2.4.1) (PDHE1-A type II) |
| MARCS\_HUMAN | Myristoylated alanine-rich C-kinase substrate (MARCKS) (Protein kinase C substrate, 80 kDa protein, light chain) (80K-L protein) (PKCSL) |
| AQP1\_HUMAN | Aquaporin-1 (AQP-1) (Aquaporin-CHIP) (Urine water channel) (Water channel protein for red blood cells and kidney proximal tubule) |
| GNA11\_HUMAN | Guanine nucleotide-binding protein subunit alpha-11 (G alpha-11) (G-protein subunit alpha-11) (Guanine nucleotide-binding protein G(y) subunit alpha) |
| AL4A1\_HUMAN | Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial (P5C dehydrogenase) (EC 1.2.1.88) (Aldehyde dehydrogenase family 4 member A1) (L-glutamate gamma-semialdehyde dehydrogenase) |
| ERP29\_HUMAN | Endoplasmic reticulum resident protein 29 (ERp29) (Endoplasmic reticulum resident protein 28) (ERp28) (Endoplasmic reticulum resident protein 31) (ERp31) |
| PRDX6\_HUMAN | Peroxiredoxin-6 (EC 1.11.1.15) (1-Cys peroxiredoxin) (1-Cys PRX) (24 kDa protein) (Acidic calcium-independent phospholipase A2) (aiPLA2) (EC 3.1.1.-) (Antioxidant protein 2) (Liver 2D page spot 40) (Non-selenium glutathione peroxidase) (NSGPx) (EC 1.11.1.9) (Red blood cells page spot 12) |
| ES1\_HUMAN | ES1 protein homolog, mitochondrial (Protein GT335) (Protein KNP-I) |
| BLVRB\_HUMAN | Flavin reductase (NADPH) (FR) (EC 1.5.1.30) (Biliverdin reductase B) (BVR-B) (EC 1.3.1.24) (Biliverdin-IX beta-reductase) (Green heme-binding protein) (GHBP) (NADPH-dependent diaphorase) (NADPH-flavin reductase) (FLR) |
| PRDX5\_HUMAN | Peroxiredoxin-5, mitochondrial (EC 1.11.1.15) (Alu corepressor 1) (Antioxidant enzyme B166) (AOEB166) (Liver tissue 2D-page spot 71B) (PLP) (Peroxiredoxin V) (Prx-V) (Peroxisomal antioxidant enzyme) (TPx type VI) (Thioredoxin peroxidase PMP20) (Thioredoxin reductase) |
| DOPD\_HUMAN | D-dopachrome decarboxylase (EC 4.1.1.84) (D-dopachrome tautomerase) (Phenylpyruvate tautomerase II) |
| PRDX3\_HUMAN | Thioredoxin-dependent peroxide reductase, mitochondrial (EC 1.11.1.15) (Antioxidant protein 1) (AOP-1) (HBC189) (Peroxiredoxin III) (Prx-III) (Peroxiredoxin-3) (Protein MER5 homolog) |
| ATPD\_HUMAN | ATP synthase subunit delta, mitochondrial (F-ATPase delta subunit) |
| RL12\_HUMAN | 60S ribosomal protein L12 |
| ECHM\_HUMAN | Enoyl-CoA hydratase, mitochondrial (EC 4.2.1.17) (Enoyl-CoA hydratase 1) (Short-chain enoyl-CoA hydratase) (SCEH) |
| KCY\_HUMAN | UMP-CMP kinase (EC 2.7.4.14) (Deoxycytidylate kinase) (CK) (dCMP kinase) (Nucleoside-diphosphate kinase) (EC 2.7.4.6) (Uridine monophosphate/cytidine monophosphate kinase) (UMP/CMP kinase) (UMP/CMPK) |
| PEBP1\_HUMAN | Phosphatidylethanolamine-binding protein 1 (PEBP-1) (HCNPpp) (Neuropolypeptide h3) (Prostatic-binding protein) (Raf kinase inhibitor protein) (RKIP) [Cleaved into: Hippocampal cholinergic neurostimulating peptide (HCNP)] |
| PDIA3\_HUMAN | Protein disulfide-isomerase A3 (EC 5.3.4.1) (58 kDa glucose-regulated protein) (58 kDa microsomal protein) (p58) (Disulfide isomerase ER-60) (Endoplasmic reticulum resident protein 57) (ER protein 57) (ERp57) (Endoplasmic reticulum resident protein 60) (ER protein 60) (ERp60) |
| 2AAA\_HUMAN | Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (Medium tumor antigen-associated 61 kDa protein) (PP2A subunit A isoform PR65-alpha) (PP2A subunit A isoform R1-alpha) |
| PPIF\_HUMAN | Peptidyl-prolyl cis-trans isomerase F, mitochondrial (PPIase F) (EC 5.2.1.8) (Cyclophilin D) (CyP-D) (CypD) (Cyclophilin F) (Mitochondrial cyclophilin) (CyP-M) (Rotamase F) |
| NKTR\_HUMAN | NK-tumor recognition protein (NK-TR protein) (Natural-killer cells cyclophilin-related protein) [Includes: Putative peptidyl-prolyl cis-trans isomerase (PPIase) (EC 5.2.1.8) (Rotamase)] |
| NMT1\_HUMAN | Glycylpeptide N-tetradecanoyltransferase 1 (EC 2.3.1.97) (Myristoyl-CoA:protein N-myristoyltransferase 1) (NMT 1) (Type I N-myristoyltransferase) (Peptide N-myristoyltransferase 1) |
| 1A01\_HUMAN | HLA class I histocompatibility antigen, A-1 alpha chain (MHC class I antigen A\*1) |
| 1A23\_HUMAN | HLA class I histocompatibility antigen, A-23 alpha chain (HLA class I histocompatibility antigen, A-9 alpha chain) (MHC class I antigen A\*23) |
| 1A34\_HUMAN | HLA class I histocompatibility antigen, A-34 alpha chain (Aw-34) (HLA class I histocompatibility antigen, A-10 alpha chain) (MHC class I antigen A\*34) |
| 1A36\_HUMAN | HLA class I histocompatibility antigen, A-36 alpha chain (Aw-36) (MHC class I antigen A\*36) |
| 1B08\_HUMAN | HLA class I histocompatibility antigen, B-8 alpha chain (MHC class I antigen B\*8) |
| 1B13\_HUMAN | HLA class I histocompatibility antigen, B-13 alpha chain (MHC class I antigen B\*13) |
| 1B44\_HUMAN | HLA class I histocompatibility antigen, B-44 alpha chain (Bw-44) (MHC class I antigen B\*44) |
| HMOX2\_HUMAN | Heme oxygenase 2 (HO-2) (EC 1.14.99.3) |
| PURA2\_HUMAN | Adenylosuccinate synthetase isozyme 2 (AMPSase 2) (AdSS 2) (EC 6.3.4.4) (Adenylosuccinate synthetase, acidic isozyme) (Adenylosuccinate synthetase, liver isozyme) (L-type adenylosuccinate synthetase) (IMP--aspartate ligase 2) |
| AMRP\_HUMAN | Alpha-2-macroglobulin receptor-associated protein (Alpha-2-MRAP) (Low density lipoprotein receptor-related protein-associated protein 1) (RAP) |
| TSPOA\_HUMAN | Translocator protein (Mitochondrial benzodiazepine receptor) (PKBS) (Peripheral-type benzodiazepine receptor) (PBR) |
| PUR8\_HUMAN | Adenylosuccinate lyase (ASL) (EC 4.3.2.2) (Adenylosuccinase) (ASase) |
| KPYR\_HUMAN | Pyruvate kinase PKLR (EC 2.7.1.40) (Pyruvate kinase 1) (Pyruvate kinase isozymes L/R) (R-type/L-type pyruvate kinase) (Red cell/liver pyruvate kinase) |
| CLIP1\_HUMAN | CAP-Gly domain-containing linker protein 1 (Cytoplasmic linker protein 1) (Cytoplasmic linker protein 170 alpha-2) (CLIP-170) (Reed-Sternberg intermediate filament-associated protein) (Restin) |
| SORCN\_HUMAN | Sorcin (22 kDa protein) (CP-22) (CP22) (V19) |
| 1B35\_HUMAN | HLA class I histocompatibility antigen, B-35 alpha chain (MHC class I antigen B\*35) |
| GSTT1\_HUMAN | Glutathione S-transferase theta-1 (EC 2.5.1.18) (GST class-theta-1) (Glutathione transferase T1-1) |
| ILEU\_HUMAN | Leukocyte elastase inhibitor (LEI) (Monocyte/neutrophil elastase inhibitor) (EI) (M/NEI) (Peptidase inhibitor 2) (PI-2) (Serpin B1) |
| AL1B1\_HUMAN | Aldehyde dehydrogenase X, mitochondrial (EC 1.2.1.3) (Aldehyde dehydrogenase 5) (Aldehyde dehydrogenase family 1 member B1) |
| AL3A1\_HUMAN | Aldehyde dehydrogenase, dimeric NADP-preferring (EC 1.2.1.5) (ALDHIII) (Aldehyde dehydrogenase 3) (Aldehyde dehydrogenase family 3 member A1) |
| RPB2\_HUMAN | DNA-directed RNA polymerase II subunit RPB2 (EC 2.7.7.6) (DNA-directed RNA polymerase II 140 kDa polypeptide) (DNA-directed RNA polymerase II subunit B) (RNA polymerase II subunit 2) (RNA polymerase II subunit B2) |
| LCN1\_HUMAN | Lipocalin-1 (Tear lipocalin) (Tlc) (Tear prealbumin) (TP) (Von Ebner gland protein) (VEG protein) |
| SDHA\_HUMAN | Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial (EC 1.3.5.1) (Flavoprotein subunit of complex II) (Fp) |
| COR1A\_HUMAN | Coronin-1A (Coronin-like protein A) (Clipin-A) (Coronin-like protein p57) (Tryptophan aspartate-containing coat protein) (TACO) |
| GDIA\_HUMAN | Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (Oligophrenin-2) (Protein XAP-4) |
| S10A7\_HUMAN | Protein S100-A7 (Psoriasin) (S100 calcium-binding protein A7) |
| METK2\_HUMAN | S-adenosylmethionine synthase isoform type-2 (AdoMet synthase 2) (EC 2.5.1.6) (Methionine adenosyltransferase 2) (MAT 2) (Methionine adenosyltransferase II) (MAT-II) |
| KAP1\_HUMAN | cAMP-dependent protein kinase type I-beta regulatory subunit |
| KAP3\_HUMAN | cAMP-dependent protein kinase type II-beta regulatory subunit |
| CASQ1\_HUMAN | Calsequestrin-1 (Calmitine) (Calsequestrin, skeletal muscle isoform) |
| TIA1\_HUMAN | Nucleolysin TIA-1 isoform p40 (RNA-binding protein TIA-1) (T-cell-restricted intracellular antigen-1) (TIA-1) (p40-TIA-1) |
| FMO3\_HUMAN | Dimethylaniline monooxygenase [N-oxide-forming] 3 (EC 1.14.13.8) (Dimethylaniline oxidase 3) (FMO II) (FMO form 2) (Hepatic flavin-containing monooxygenase 3) (FMO 3) (Trimethylamine monooxygenase) (EC 1.14.13.148) |
| ZEP2\_HUMAN | Transcription factor HIVEP2 (Human immunodeficiency virus type I enhancer-binding protein 2) (HIV-EP2) (MHC-binding protein 2) (MBP-2) |
| DNJA1\_HUMAN | DnaJ homolog subfamily A member 1 (DnaJ protein homolog 2) (HSDJ) (Heat shock 40 kDa protein 4) (Heat shock protein J2) (HSJ-2) (Human DnaJ protein 2) (hDj-2) |
| AKT1\_HUMAN | RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (Protein kinase B) (PKB) (Protein kinase B alpha) (PKB alpha) (Proto-oncogene c-Akt) (RAC-PK-alpha) |
| AKT2\_HUMAN | RAC-beta serine/threonine-protein kinase (EC 2.7.11.1) (Protein kinase Akt-2) (Protein kinase B beta) (PKB beta) (RAC-PK-beta) |
| QCR1\_HUMAN | Cytochrome b-c1 complex subunit 1, mitochondrial (Complex III subunit 1) (Core protein I) (Ubiquinol-cytochrome-c reductase complex core protein 1) |
| 3HIDH\_HUMAN | 3-hydroxyisobutyrate dehydrogenase, mitochondrial (HIBADH) (EC 1.1.1.31) |
| PUR9\_HUMAN | Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidazolecarboxamide formyltransferase (EC 2.1.2.3) (5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase) (AICAR transformylase); IMP cyclohydrolase (EC 3.5.4.10) (ATIC) (IMP synthase) (Inosinicase)] |
| HNRH3\_HUMAN | Heterogeneous nuclear ribonucleoprotein H3 (hnRNP H3) (Heterogeneous nuclear ribonucleoprotein 2H9) (hnRNP 2H9) |
| HNRH1\_HUMAN | Heterogeneous nuclear ribonucleoprotein H (hnRNP H) [Cleaved into: Heterogeneous nuclear ribonucleoprotein H, N-terminally processed] |
| 1433B\_HUMAN | 14-3-3 protein beta/alpha (Protein 1054) (Protein kinase C inhibitor protein 1) (KCIP-1) [Cleaved into: 14-3-3 protein beta/alpha, N-terminally processed] |
| 1433S\_HUMAN | 14-3-3 protein sigma (Epithelial cell marker protein 1) (Stratifin) |
| STIP1\_HUMAN | Stress-induced-phosphoprotein 1 (STI1) (Hsc70/Hsp90-organizing protein) (Hop) (Renal carcinoma antigen NY-REN-11) (Transformation-sensitive protein IEF SSP 3521) |
| S10AB\_HUMAN | Protein S100-A11 (Calgizzarin) (Metastatic lymph node gene 70 protein) (MLN 70) (Protein S100-C) (S100 calcium-binding protein A11) [Cleaved into: Protein S100-A11, N-terminally processed] |
| L1CAM\_HUMAN | Neural cell adhesion molecule L1 (N-CAM-L1) (NCAM-L1) (CD antigen CD171) |
| PRDX2\_HUMAN | Peroxiredoxin-2 (EC 1.11.1.15) (Natural killer cell-enhancing factor B) (NKEF-B) (PRP) (Thiol-specific antioxidant protein) (TSA) (Thioredoxin peroxidase 1) (Thioredoxin-dependent peroxide reductase 1) |
| GLPK\_HUMAN | Glycerol kinase (GK) (Glycerokinase) (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase) |
| BRS3\_HUMAN | Bombesin receptor subtype-3 (BRS-3) |
| GBP1\_HUMAN | Guanylate-binding protein 1 (EC 3.6.5.-) (GTP-binding protein 1) (GBP-1) (HuGBP-1) (Guanine nucleotide-binding protein 1) (Interferon-induced guanylate-binding protein 1) |
| GBP2\_HUMAN | Interferon-induced guanylate-binding protein 2 (GTP-binding protein 2) (GBP-2) (HuGBP-2) (Guanine nucleotide-binding protein 2) |
| DSG3\_HUMAN | Desmoglein-3 (130 kDa pemphigus vulgaris antigen) (PVA) (Cadherin family member 6) |
| RL9\_HUMAN | 60S ribosomal protein L9 |
| ACSL1\_HUMAN | Long-chain-fatty-acid--CoA ligase 1 (EC 6.2.1.3) (Acyl-CoA synthetase 1) (ACS1) (Long-chain acyl-CoA synthetase 1) (LACS 1) (Long-chain acyl-CoA synthetase 2) (LACS 2) (Long-chain fatty acid-CoA ligase 2) (Palmitoyl-CoA ligase 1) (Palmitoyl-CoA ligase 2) |
| CADH5\_HUMAN | Cadherin-5 (7B4 antigen) (Vascular endothelial cadherin) (VE-cadherin) (CD antigen CD144) |
| KINH\_HUMAN | Kinesin-1 heavy chain (Conventional kinesin heavy chain) (Ubiquitous kinesin heavy chain) (UKHC) |
| LSP1\_HUMAN | Lymphocyte-specific protein 1 (47 kDa actin-binding protein) (52 kDa phosphoprotein) (pp52) (Lymphocyte-specific antigen WP34) |
| DUT\_HUMAN | Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial (dUTPase) (EC 3.6.1.23) (dUTP pyrophosphatase) |
| GCYA2\_HUMAN | Guanylate cyclase soluble subunit alpha-2 (GCS-alpha-2) (EC 4.6.1.2) |
| MRP1\_HUMAN | Multidrug resistance-associated protein 1 (ATP-binding cassette sub-family C member 1) (Leukotriene C(4) transporter) (LTC4 transporter) |
| H2B1B\_HUMAN | Histone H2B type 1-B (Histone H2B.1) (Histone H2B.f) (H2B/f) |
| MCM7\_HUMAN | DNA replication licensing factor MCM7 (EC 3.6.4.12) (CDC47 homolog) (P1.1-MCM3) |
| GLYC\_HUMAN | Serine hydroxymethyltransferase, cytosolic (SHMT) (EC 2.1.2.1) (Glycine hydroxymethyltransferase) (Serine methylase) |
| GLYM\_HUMAN | Serine hydroxymethyltransferase, mitochondrial (SHMT) (EC 2.1.2.1) (Glycine hydroxymethyltransferase) (Serine methylase) |
| HYES\_HUMAN | Bifunctional epoxide hydrolase 2 [Includes: Cytosolic epoxide hydrolase 2 (CEH) (EC 3.3.2.10) (Epoxide hydratase) (Soluble epoxide hydrolase) (SEH); Lipid-phosphate phosphatase (EC 3.1.3.76)] |
| HS71L\_HUMAN | Heat shock 70 kDa protein 1-like (Heat shock 70 kDa protein 1L) (Heat shock 70 kDa protein 1-Hom) (HSP70-Hom) |
| HSP74\_HUMAN | Heat shock 70 kDa protein 4 (HSP70RY) (Heat shock 70-related protein APG-2) |
| GRK5\_HUMAN | G protein-coupled receptor kinase 5 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK5) |
| MPI\_HUMAN | Mannose-6-phosphate isomerase (EC 5.3.1.8) (Phosphohexomutase) (Phosphomannose isomerase) (PMI) |
| TRY3\_HUMAN | Trypsin-3 (EC 3.4.21.4) (Brain trypsinogen) (Mesotrypsinogen) (Serine protease 3) (Serine protease 4) (Trypsin III) (Trypsin IV) |
| GPC1\_HUMAN | Glypican-1 [Cleaved into: Secreted glypican-1] |
| PROF2\_HUMAN | Profilin-2 (Profilin II) |
| CTNA1\_HUMAN | Catenin alpha-1 (Alpha E-catenin) (Cadherin-associated protein) (Renal carcinoma antigen NY-REN-13) |
| CTNB1\_HUMAN | Catenin beta-1 (Beta-catenin) |
| PHB\_HUMAN | Prohibitin |
| SPB6\_HUMAN | Serpin B6 (Cytoplasmic antiproteinase) (CAP) (Peptidase inhibitor 6) (PI-6) (Placental thrombin inhibitor) |
| MERL\_HUMAN | Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomerlin) (Schwannomin) |
| RADI\_HUMAN | Radixin |
| RFA3\_HUMAN | Replication protein A 14 kDa subunit (RP-A p14) (Replication factor A protein 3) (RF-A protein 3) |
| RFC1\_HUMAN | Replication factor C subunit 1 (Activator 1 140 kDa subunit) (A1 140 kDa subunit) (Activator 1 large subunit) (Activator 1 subunit 1) (DNA-binding protein PO-GA) (Replication factor C 140 kDa subunit) (RF-C 140 kDa subunit) (RFC140) (Replication factor C large subunit) |
| RL22\_HUMAN | 60S ribosomal protein L22 (EBER-associated protein) (EAP) (Epstein-Barr virus small RNA-associated protein) (Heparin-binding protein HBp15) |
| SPRE\_HUMAN | Sepiapterin reductase (SPR) (EC 1.1.1.153) |
| TSP4\_HUMAN | Thrombospondin-4 |
| SCN4A\_HUMAN | Sodium channel protein type 4 subunit alpha (SkM1) (Sodium channel protein skeletal muscle subunit alpha) (Sodium channel protein type IV subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.4) |
| K1C9\_HUMAN | Keratin, type I cytoskeletal 9 (Cytokeratin-9) (CK-9) (Keratin-9) (K9) |
| SAA4\_HUMAN | Serum amyloid A-4 protein (Constitutively expressed serum amyloid A protein) (C-SAA) |
| FBN1\_HUMAN | Fibrillin-1 |
| IRS1\_HUMAN | Insulin receptor substrate 1 (IRS-1) |
| GDE\_HUMAN | Glycogen debranching enzyme (Glycogen debrancher) [Includes: 4-alpha-glucanotransferase (EC 2.4.1.25) (Oligo-1,4-1,4-glucantransferase); Amylo-alpha-1,6-glucosidase (Amylo-1,6-glucosidase) (EC 3.2.1.33) (Dextrin 6-alpha-D-glucosidase)] |
| MYH9\_HUMAN | Myosin-9 (Cellular myosin heavy chain, type A) (Myosin heavy chain 9) (Myosin heavy chain, non-muscle IIa) (Non-muscle myosin heavy chain A) (NMMHC-A) (Non-muscle myosin heavy chain IIa) (NMMHC II-a) (NMMHC-IIA) |
| MYH10\_HUMAN | Myosin-10 (Cellular myosin heavy chain, type B) (Myosin heavy chain 10) (Myosin heavy chain, non-muscle IIb) (Non-muscle myosin heavy chain B) (NMMHC-B) (Non-muscle myosin heavy chain IIb) (NMMHC II-b) (NMMHC-IIB) |
| COPB2\_HUMAN | Coatomer subunit beta' (Beta'-coat protein) (Beta'-COP) (p102) |
| ACTN2\_HUMAN | Alpha-actinin-2 (Alpha-actinin skeletal muscle isoform 2) (F-actin cross-linking protein) |
| ADDA\_HUMAN | Alpha-adducin (Erythrocyte adducin subunit alpha) |
| ADDB\_HUMAN | Beta-adducin (Erythrocyte adducin subunit beta) |
| BASI\_HUMAN | Basigin (5F7) (Collagenase stimulatory factor) (Extracellular matrix metalloproteinase inducer) (EMMPRIN) (Leukocyte activation antigen M6) (OK blood group antigen) (Tumor cell-derived collagenase stimulatory factor) (TCSF) (CD antigen CD147) |
| TIMP3\_HUMAN | Metalloproteinase inhibitor 3 (Protein MIG-5) (Tissue inhibitor of metalloproteinases 3) (TIMP-3) |
| FUS\_HUMAN | RNA-binding protein FUS (75 kDa DNA-pairing protein) (Oncogene FUS) (Oncogene TLS) (POMp75) (Translocated in liposarcoma protein) |
| DEK\_HUMAN | Protein DEK |
| MYH11\_HUMAN | Myosin-11 (Myosin heavy chain 11) (Myosin heavy chain, smooth muscle isoform) (SMMHC) |
| GLRX1\_HUMAN | Glutaredoxin-1 (Thioltransferase-1) (TTase-1) |
| PPM1A\_HUMAN | Protein phosphatase 1A (EC 3.1.3.16) (Protein phosphatase 2C isoform alpha) (PP2C-alpha) (Protein phosphatase IA) |
| K22E\_HUMAN | Keratin, type II cytoskeletal 2 epidermal (Cytokeratin-2e) (CK-2e) (Epithelial keratin-2e) (Keratin-2 epidermis) (Keratin-2e) (K2e) (Type-II keratin Kb2) |
| HMGCL\_HUMAN | Hydroxymethylglutaryl-CoA lyase, mitochondrial (HL) (HMG-CoA lyase) (EC 4.1.3.4) (3-hydroxy-3-methylglutarate-CoA lyase) |
| PRS7\_HUMAN | 26S protease regulatory subunit 7 (26S proteasome AAA-ATPase subunit RPT1) (Proteasome 26S subunit ATPase 2) (Protein MSS1) |
| CH3L1\_HUMAN | Chitinase-3-like protein 1 (39 kDa synovial protein) (Cartilage glycoprotein 39) (CGP-39) (GP-39) (hCGP-39) (YKL-40) |
| GGT5\_HUMAN | Gamma-glutamyltransferase 5 (GGT 5) (EC 2.3.2.2) (Gamma-glutamyl transpeptidase-related enzyme) (GGT-rel) (Gamma-glutamyltransferase-like activity 1) (Gamma-glutamyltranspeptidase 5) (Glutathione hydrolase 5) (EC 3.4.19.13) (Leukotriene-C4 hydrolase) (EC 3.4.19.14) [Cleaved into: Gamma-glutamyltransferase 5 heavy chain; Gamma-glutamyltransferase 5 light chain] |
| ARL2\_HUMAN | ADP-ribosylation factor-like protein 2 |
| ARL3\_HUMAN | ADP-ribosylation factor-like protein 3 |
| TRI23\_HUMAN | E3 ubiquitin-protein ligase TRIM23 (EC 6.3.2.-) (ADP-ribosylation factor domain-containing protein 1) (GTP-binding protein ARD-1) (RING finger protein 46) (Tripartite motif-containing protein 23) |
| MP2K2\_HUMAN | Dual specificity mitogen-activated protein kinase kinase 2 (MAP kinase kinase 2) (MAPKK 2) (EC 2.7.12.2) (ERK activator kinase 2) (MAPK/ERK kinase 2) (MEK 2) |
| ATPG\_HUMAN | ATP synthase subunit gamma, mitochondrial (F-ATPase gamma subunit) |
| VATE1\_HUMAN | V-type proton ATPase subunit E 1 (V-ATPase subunit E 1) (V-ATPase 31 kDa subunit) (p31) (Vacuolar proton pump subunit E 1) |
| HEM6\_HUMAN | Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial (COX) (Coprogen oxidase) (Coproporphyrinogenase) (EC 1.3.3.3) |
| RL4\_HUMAN | 60S ribosomal protein L4 (60S ribosomal protein L1) |
| 8ODP\_HUMAN | 7,8-dihydro-8-oxoguanine triphosphatase (EC 3.6.1.55) (2-hydroxy-dATP diphosphatase) (EC 3.6.1.56) (8-oxo-dGTPase) (Nucleoside diphosphate-linked moiety X motif 1) (Nudix motif 1) |
| LONM\_HUMAN | Lon protease homolog, mitochondrial (EC 3.4.21.-) (LONHs) (Lon protease-like protein) (LONP) (Mitochondrial ATP-dependent protease Lon) (Serine protease 15) |
| PGM1\_HUMAN | Phosphoglucomutase-1 (PGM 1) (EC 5.4.2.2) (Glucose phosphomutase 1) |
| PP1G\_HUMAN | Serine/threonine-protein phosphatase PP1-gamma catalytic subunit (PP-1G) (EC 3.1.3.16) (Protein phosphatase 1C catalytic subunit) |
| ACV1B\_HUMAN | Activin receptor type-1B (EC 2.7.11.30) (Activin receptor type IB) (ACTR-IB) (Activin receptor-like kinase 4) (ALK-4) (Serine/threonine-protein kinase receptor R2) (SKR2) |
| GNL1\_HUMAN | Guanine nucleotide-binding protein-like 1 (GTP-binding protein HSR1) |
| SPB5\_HUMAN | Serpin B5 (Maspin) (Peptidase inhibitor 5) (PI-5) |
| RPB9\_HUMAN | DNA-directed RNA polymerase II subunit RPB9 (RNA polymerase II subunit B9) (DNA-directed RNA polymerase II subunit I) (RNA polymerase II 14.5 kDa subunit) (RPB14.5) |
| PEDF\_HUMAN | Pigment epithelium-derived factor (PEDF) (Cell proliferation-inducing gene 35 protein) (EPC-1) (Serpin F1) |
| ODO2\_HUMAN | Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial (EC 2.3.1.61) (2-oxoglutarate dehydrogenase complex component E2) (OGDC-E2) (Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex) (E2K) |
| GMPR1\_HUMAN | GMP reductase 1 (EC 1.7.1.7) (Guanosine 5'-monophosphate oxidoreductase 1) (Guanosine monophosphate reductase 1) |
| GPX4\_HUMAN | Phospholipid hydroperoxide glutathione peroxidase, mitochondrial (PHGPx) (EC 1.11.1.12) (Glutathione peroxidase 4) (GPx-4) (GSHPx-4) |
| SRP14\_HUMAN | Signal recognition particle 14 kDa protein (SRP14) (18 kDa Alu RNA-binding protein) |
| NUP62\_HUMAN | Nuclear pore glycoprotein p62 (62 kDa nucleoporin) (Nucleoporin Nup62) |
| FDFT\_HUMAN | Squalene synthase (SQS) (SS) (EC 2.5.1.21) (FPP:FPP farnesyltransferase) (Farnesyl-diphosphate farnesyltransferase) |
| TAGL2\_HUMAN | Transgelin-2 (Epididymis tissue protein Li 7e) (SM22-alpha homolog) |
| TALDO\_HUMAN | Transaldolase (EC 2.2.1.2) |
| SYUA\_HUMAN | Alpha-synuclein (Non-A beta component of AD amyloid) (Non-A4 component of amyloid precursor) (NACP) |
| ETFB\_HUMAN | Electron transfer flavoprotein subunit beta (Beta-ETF) |
| RBMX\_HUMAN | RNA-binding motif protein, X chromosome (Glycoprotein p43) (Heterogeneous nuclear ribonucleoprotein G) (hnRNP G) [Cleaved into: RNA-binding motif protein, X chromosome, N-terminally processed] |
| GNAL\_HUMAN | Guanine nucleotide-binding protein G(olf) subunit alpha (Adenylate cyclase-stimulating G alpha protein, olfactory type) |
| VATA\_HUMAN | V-type proton ATPase catalytic subunit A (V-ATPase subunit A) (EC 3.6.3.14) (V-ATPase 69 kDa subunit) (Vacuolar ATPase isoform VA68) (Vacuolar proton pump subunit alpha) |
| GRP75\_HUMAN | Stress-70 protein, mitochondrial (75 kDa glucose-regulated protein) (GRP-75) (Heat shock 70 kDa protein 9) (Mortalin) (MOT) (Peptide-binding protein 74) (PBP74) |
| IF4A3\_HUMAN | Eukaryotic initiation factor 4A-III (eIF-4A-III) (eIF4A-III) (EC 3.6.4.13) (ATP-dependent RNA helicase DDX48) (ATP-dependent RNA helicase eIF4A-3) (DEAD box protein 48) (Eukaryotic initiation factor 4A-like NUK-34) (Eukaryotic translation initiation factor 4A isoform 3) (Nuclear matrix protein 265) (NMP 265) (hNMP 265) [Cleaved into: Eukaryotic initiation factor 4A-III, N-terminally processed] |
| RS19\_HUMAN | 40S ribosomal protein S19 |
| RL3\_HUMAN | 60S ribosomal protein L3 (HIV-1 TAR RNA-binding protein B) (TARBP-B) |
| COFA1\_HUMAN | Collagen alpha-1(XV) chain [Cleaved into: Restin (Endostatin-XV) (Related to endostatin) (Restin-I); Restin-2 (Restin-II); Restin-3 (Restin-III); Restin-4 (Restin-IV)] |
| COIA1\_HUMAN | Collagen alpha-1(XVIII) chain [Cleaved into: Endostatin] |
| OST48\_HUMAN | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit (DDOST 48 kDa subunit) (Oligosaccharyl transferase 48 kDa subunit) (EC 2.4.99.18) |
| AN32A\_HUMAN | Acidic leucine-rich nuclear phosphoprotein 32 family member A (Acidic nuclear phosphoprotein pp32) (pp32) (Leucine-rich acidic nuclear protein) (LANP) (Mapmodulin) (Potent heat-stable protein phosphatase 2A inhibitor I1PP2A) (Putative HLA-DR-associated protein I) (PHAPI) |
| CUX1\_HUMAN | Homeobox protein cut-like 1 (CCAAT displacement protein) (CDP) (Homeobox protein cux-1) |
| CAPG\_HUMAN | Macrophage-capping protein (Actin regulatory protein CAP-G) |
| CAP2\_HUMAN | Adenylyl cyclase-associated protein 2 (CAP 2) |
| TXLNA\_HUMAN | Alpha-taxilin |
| TCPZ\_HUMAN | T-complex protein 1 subunit zeta (TCP-1-zeta) (Acute morphine dependence-related protein 2) (CCT-zeta-1) (HTR3) (Tcp20) |
| NNMT\_HUMAN | Nicotinamide N-methyltransferase (EC 2.1.1.1) |
| RL13A\_HUMAN | 60S ribosomal protein L13a (23 kDa highly basic protein) |
| ARL1\_HUMAN | ADP-ribosylation factor-like protein 1 |
| STAT3\_HUMAN | Signal transducer and activator of transcription 3 (Acute-phase response factor) |
| UBP8\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 8 (EC 3.4.19.12) (Deubiquitinating enzyme 8) (Ubiquitin isopeptidase Y) (hUBPy) (Ubiquitin thioesterase 8) (Ubiquitin-specific-processing protease 8) |
| PEX19\_HUMAN | Peroxisomal biogenesis factor 19 (33 kDa housekeeping protein) (Peroxin-19) (Peroxisomal farnesylated protein) |
| MDHC\_HUMAN | Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) (Diiodophenylpyruvate reductase) (EC 1.1.1.96) |
| MDHM\_HUMAN | Malate dehydrogenase, mitochondrial (EC 1.1.1.37) |
| ECHA\_HUMAN | Trifunctional enzyme subunit alpha, mitochondrial (78 kDa gastrin-binding protein) (TP-alpha) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] |
| IF2G\_HUMAN | Eukaryotic translation initiation factor 2 subunit 3 (Eukaryotic translation initiation factor 2 subunit gamma X) (eIF-2-gamma X) (eIF-2gX) |
| PERI\_HUMAN | Peripherin (Neurofilament 4) |
| UBA7\_HUMAN | Ubiquitin-like modifier-activating enzyme 7 (Ubiquitin-activating enzyme 7) (D8) (Ubiquitin-activating enzyme E1 homolog) |
| NAA10\_HUMAN | N-alpha-acetyltransferase 10 (EC 2.3.1.-) (EC 2.3.1.88) (N-terminal acetyltransferase complex ARD1 subunit homolog A) (NatA catalytic subunit Naa10) |
| IPP2\_HUMAN | Protein phosphatase inhibitor 2 (IPP-2) |
| CSK\_HUMAN | Tyrosine-protein kinase CSK (EC 2.7.10.2) (C-Src kinase) (Protein-tyrosine kinase CYL) |
| SYG\_HUMAN | Glycine--tRNA ligase (EC 6.1.1.14) (Diadenosine tetraphosphate synthetase) (AP-4-A synthetase) (Glycyl-tRNA synthetase) (GlyRS) |
| SYIC\_HUMAN | Isoleucine--tRNA ligase, cytoplasmic (EC 6.1.1.5) (Isoleucyl-tRNA synthetase) (IRS) (IleRS) |
| EIF1\_HUMAN | Eukaryotic translation initiation factor 1 (eIF1) (A121) (Protein translation factor SUI1 homolog) (Sui1iso1) |
| ACTY\_HUMAN | Beta-centractin (Actin-related protein 1B) (ARP1B) |
| ECI1\_HUMAN | Enoyl-CoA delta isomerase 1, mitochondrial (EC 5.3.3.8) (3,2-trans-enoyl-CoA isomerase) (Delta(3),Delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (Dodecenoyl-CoA isomerase) |
| LAP2A\_HUMAN | Lamina-associated polypeptide 2, isoform alpha (Thymopoietin isoform alpha) (TP alpha) (Thymopoietin-related peptide isoform alpha) (TPRP isoform alpha) [Cleaved into: Thymopoietin (TP) (Splenin); Thymopentin (TP5)] |
| LAP2B\_HUMAN | Lamina-associated polypeptide 2, isoforms beta/gamma (Thymopoietin, isoforms beta/gamma) (TP beta/gamma) (Thymopoietin-related peptide isoforms beta/gamma) (TPRP isoforms beta/gamma) [Cleaved into: Thymopoietin (TP) (Splenin); Thymopentin (TP5)] |
| STAT1\_HUMAN | Signal transducer and activator of transcription 1-alpha/beta (Transcription factor ISGF-3 components p91/p84) |
| STA5A\_HUMAN | Signal transducer and activator of transcription 5A |
| GRIA1\_HUMAN | Glutamate receptor 1 (GluR-1) (AMPA-selective glutamate receptor 1) (GluR-A) (GluR-K1) (Glutamate receptor ionotropic, AMPA 1) (GluA1) |
| AK1C3\_HUMAN | Aldo-keto reductase family 1 member C3 (EC 1.-.-.-) (17-beta-hydroxysteroid dehydrogenase type 5) (17-beta-HSD 5) (3-alpha-HSD type II, brain) (3-alpha-hydroxysteroid dehydrogenase type 2) (3-alpha-HSD type 2) (EC 1.1.1.357) (Chlordecone reductase homolog HAKRb) (Dihydrodiol dehydrogenase 3) (DD-3) (DD3) (Dihydrodiol dehydrogenase type I) (HA1753) (Indanol dehydrogenase) (EC 1.1.1.112) (Prostaglandin F synthase) (PGFS) (EC 1.1.1.188) (Testosterone 17-beta-dehydrogenase 5) (EC 1.1.1.239) (EC 1.1.1.64) (Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (EC 1.3.1.20) |
| PK3CA\_HUMAN | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform (PI3-kinase subunit alpha) (PI3K-alpha) (PI3Kalpha) (PtdIns-3-kinase subunit alpha) (EC 2.7.1.153) (Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha) (PtdIns-3-kinase subunit p110-alpha) (p110alpha) (Phosphoinositide-3-kinase catalytic alpha polypeptide) (Serine/threonine protein kinase PIK3CA) (EC 2.7.11.1) |
| MTOR\_HUMAN | Serine/threonine-protein kinase mTOR (EC 2.7.11.1) (FK506-binding protein 12-rapamycin complex-associated protein 1) (FKBP12-rapamycin complex-associated protein) (Mammalian target of rapamycin) (mTOR) (Mechanistic target of rapamycin) (Rapamycin and FKBP12 target 1) (Rapamycin target protein 1) |
| EPS15\_HUMAN | Epidermal growth factor receptor substrate 15 (Protein Eps15) (Protein AF-1p) |
| RS27\_HUMAN | 40S ribosomal protein S27 (Metallopan-stimulin 1) (MPS-1) |
| CNDD3\_HUMAN | Condensin-2 complex subunit D3 (Non-SMC condensin II complex subunit D3) (hCAP-D3) |
| RBM34\_HUMAN | RNA-binding protein 34 (RNA-binding motif protein 34) |
| LPPRC\_HUMAN | Leucine-rich PPR motif-containing protein, mitochondrial (130 kDa leucine-rich protein) (LRP 130) (GP130) |
| THIM\_HUMAN | 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) |
| RL35\_HUMAN | 60S ribosomal protein L35 |
| HD\_HUMAN | Huntingtin (Huntington disease protein) (HD protein) |
| SATT\_HUMAN | Neutral amino acid transporter A (Alanine/serine/cysteine/threonine transporter 1) (ASCT-1) (SATT) (Solute carrier family 1 member 4) |
| LIS1\_HUMAN | Platelet-activating factor acetylhydrolase IB subunit alpha (Lissencephaly-1 protein) (LIS-1) (PAF acetylhydrolase 45 kDa subunit) (PAF-AH 45 kDa subunit) (PAF-AH alpha) (PAFAH alpha) |
| MUC18\_HUMAN | Cell surface glycoprotein MUC18 (Cell surface glycoprotein P1H12) (Melanoma cell adhesion molecule) (Melanoma-associated antigen A32) (Melanoma-associated antigen MUC18) (S-endo 1 endothelial-associated antigen) (CD antigen CD146) |
| CACP\_HUMAN | Carnitine O-acetyltransferase (Carnitine acetylase) (EC 2.3.1.7) (Carnitine acetyltransferase) (CAT) (CrAT) |
| CAH7\_HUMAN | Carbonic anhydrase 7 (EC 4.2.1.1) (Carbonate dehydratase VII) (Carbonic anhydrase VII) (CA-VII) |
| CATK\_HUMAN | Cathepsin K (EC 3.4.22.38) (Cathepsin O) (Cathepsin O2) (Cathepsin X) |
| MATR3\_HUMAN | Matrin-3 |
| GRK6\_HUMAN | G protein-coupled receptor kinase 6 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK6) |
| GPDM\_HUMAN | Glycerol-3-phosphate dehydrogenase, mitochondrial (GPD-M) (GPDH-M) (EC 1.1.5.3) (mtGPD) |
| SSRA\_HUMAN | Translocon-associated protein subunit alpha (TRAP-alpha) (Signal sequence receptor subunit alpha) (SSR-alpha) |
| RANG\_HUMAN | Ran-specific GTPase-activating protein (Ran-binding protein 1) (RanBP1) |
| NAMPT\_HUMAN | Nicotinamide phosphoribosyltransferase (NAmPRTase) (Nampt) (EC 2.4.2.12) (Pre-B-cell colony-enhancing factor 1) (Pre-B cell-enhancing factor) (Visfatin) |
| AFAM\_HUMAN | Afamin (Alpha-albumin) (Alpha-Alb) |
| PRS6B\_HUMAN | 26S protease regulatory subunit 6B (26S proteasome AAA-ATPase subunit RPT3) (MB67-interacting protein) (MIP224) (Proteasome 26S subunit ATPase 4) (Tat-binding protein 7) (TBP-7) |
| EFTS\_HUMAN | Elongation factor Ts, mitochondrial (EF-Ts) (EF-TsMt) |
| TNNT3\_HUMAN | Troponin T, fast skeletal muscle (TnTf) (Beta-TnTF) (Fast skeletal muscle troponin T) (fTnT) |
| ACY2\_HUMAN | Aspartoacylase (EC 3.5.1.15) (Aminoacylase-2) (ACY-2) |
| PPIC\_HUMAN | Peptidyl-prolyl cis-trans isomerase C (PPIase C) (EC 5.2.1.8) (Cyclophilin C) (Rotamase C) |
| VDAC2\_HUMAN | Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) |
| ACDSB\_HUMAN | Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial (SBCAD) (EC 1.3.8.5) (2-methyl branched chain acyl-CoA dehydrogenase) (2-MEBCAD) (2-methylbutyryl-coenzyme A dehydrogenase) (2-methylbutyryl-CoA dehydrogenase) |
| UBP5\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.4.19.12) (Deubiquitinating enzyme 5) (Isopeptidase T) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) |
| MK08\_HUMAN | Mitogen-activated protein kinase 8 (MAP kinase 8) (MAPK 8) (EC 2.7.11.24) (JNK-46) (Stress-activated protein kinase 1c) (SAPK1c) (Stress-activated protein kinase JNK1) (c-Jun N-terminal kinase 1) |
| MK09\_HUMAN | Mitogen-activated protein kinase 9 (MAP kinase 9) (MAPK 9) (EC 2.7.11.24) (JNK-55) (Stress-activated protein kinase 1a) (SAPK1a) (Stress-activated protein kinase JNK2) (c-Jun N-terminal kinase 2) |
| MP2K4\_HUMAN | Dual specificity mitogen-activated protein kinase kinase 4 (MAP kinase kinase 4) (MAPKK 4) (EC 2.7.12.2) (JNK-activating kinase 1) (MAPK/ERK kinase 4) (MEK 4) (SAPK/ERK kinase 1) (SEK1) (Stress-activated protein kinase kinase 1) (SAPK kinase 1) (SAPKK-1) (SAPKK1) (c-Jun N-terminal kinase kinase 1) (JNKK) |
| KPB2\_HUMAN | Phosphorylase b kinase regulatory subunit alpha, liver isoform (Phosphorylase kinase alpha L subunit) |
| KPB1\_HUMAN | Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform (Phosphorylase kinase alpha M subunit) |
| RAGP1\_HUMAN | Ran GTPase-activating protein 1 (RanGAP1) |
| RECQ1\_HUMAN | ATP-dependent DNA helicase Q1 (EC 3.6.4.12) (DNA helicase, RecQ-like type 1) (RecQ1) (DNA-dependent ATPase Q1) (RecQ protein-like 1) |
| ATRX\_HUMAN | Transcriptional regulator ATRX (EC 3.6.4.12) (ATP-dependent helicase ATRX) (X-linked helicase II) (X-linked nuclear protein) (XNP) (Znf-HX) |
| CRK\_HUMAN | Adapter molecule crk (Proto-oncogene c-Crk) (p38) |
| CRKL\_HUMAN | Crk-like protein |
| IF2M\_HUMAN | Translation initiation factor IF-2, mitochondrial (IF-2(Mt)) (IF-2Mt) (IF2(mt)) |
| BAG6\_HUMAN | Large proline-rich protein BAG6 (BAG family molecular chaperone regulator 6) (BCL2-associated athanogene 6) (BAG-6) (BAG6) (HLA-B-associated transcript 3) (Protein G3) (Protein Scythe) |
| NSF\_HUMAN | Vesicle-fusing ATPase (EC 3.6.4.6) (N-ethylmaleimide-sensitive fusion protein) (NEM-sensitive fusion protein) (Vesicular-fusion protein NSF) |
| CDN1B\_HUMAN | Cyclin-dependent kinase inhibitor 1B (Cyclin-dependent kinase inhibitor p27) (p27Kip1) |
| MP2K3\_HUMAN | Dual specificity mitogen-activated protein kinase kinase 3 (MAP kinase kinase 3) (MAPKK 3) (EC 2.7.12.2) (MAPK/ERK kinase 3) (MEK 3) (Stress-activated protein kinase kinase 2) (SAPK kinase 2) (SAPKK-2) (SAPKK2) |
| BRCC3\_HUMAN | Lys-63-specific deubiquitinase BRCC36 (EC 3.4.19.-) (BRCA1-A complex subunit BRCC36) (BRCA1/BRCA2-containing complex subunit 3) (BRCA1/BRCA2-containing complex subunit 36) (BRISC complex subunit BRCC36) |
| RL27A\_HUMAN | 60S ribosomal protein L27a |
| RL5\_HUMAN | 60S ribosomal protein L5 |
| RL21\_HUMAN | 60S ribosomal protein L21 |
| RL28\_HUMAN | 60S ribosomal protein L28 |
| RS9\_HUMAN | 40S ribosomal protein S9 |
| RS5\_HUMAN | 40S ribosomal protein S5 [Cleaved into: 40S ribosomal protein S5, N-terminally processed] |
| RS10\_HUMAN | 40S ribosomal protein S10 |
| MAP1B\_HUMAN | Microtubule-associated protein 1B (MAP-1B) [Cleaved into: MAP1B heavy chain; MAP1 light chain LC1] |
| GNPI1\_HUMAN | Glucosamine-6-phosphate isomerase 1 (EC 3.5.99.6) (Glucosamine-6-phosphate deaminase 1) (GNPDA 1) (GlcN6P deaminase 1) (Oscillin) |
| YAP1\_HUMAN | Transcriptional coactivator YAP1 (Yes-associated protein 1) (Protein yorkie homolog) (Yes-associated protein YAP65 homolog) |
| UTRO\_HUMAN | Utrophin (Dystrophin-related protein 1) (DRP-1) |
| IQGA1\_HUMAN | Ras GTPase-activating-like protein IQGAP1 (p195) |
| 3HAO\_HUMAN | 3-hydroxyanthranilate 3,4-dioxygenase (EC 1.13.11.6) (3-hydroxyanthranilate oxygenase) (3-HAO) (3-hydroxyanthranilic acid dioxygenase) (HAD) |
| GLYG\_HUMAN | Glycogenin-1 (GN-1) (GN1) (EC 2.4.1.186) |
| STT3A\_HUMAN | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A (Oligosaccharyl transferase subunit STT3A) (STT3-A) (EC 2.4.99.18) (B5) (Integral membrane protein 1) (Transmembrane protein TMC) |
| CAZA2\_HUMAN | F-actin-capping protein subunit alpha-2 (CapZ alpha-2) |
| CAPZB\_HUMAN | F-actin-capping protein subunit beta (CapZ beta) |
| IF1AX\_HUMAN | Eukaryotic translation initiation factor 1A, X-chromosomal (eIF-1A X isoform) (Eukaryotic translation initiation factor 4C) (eIF-4C) |
| AL1A3\_HUMAN | Aldehyde dehydrogenase family 1 member A3 (EC 1.2.1.5) (Aldehyde dehydrogenase 6) (Retinaldehyde dehydrogenase 3) (RALDH-3) (RalDH3) |
| SYQ\_HUMAN | Glutamine--tRNA ligase (EC 6.1.1.18) (Glutaminyl-tRNA synthetase) (GlnRS) |
| RL29\_HUMAN | 60S ribosomal protein L29 (Cell surface heparin-binding protein HIP) |
| LEG7\_HUMAN | Galectin-7 (Gal-7) (HKL-14) (PI7) (p53-induced gene 1 protein) |
| UCRI\_HUMAN | Cytochrome b-c1 complex subunit Rieske, mitochondrial (EC 1.10.2.2) (Complex III subunit 5) (Cytochrome b-c1 complex subunit 5) (Rieske iron-sulfur protein) (RISP) (Ubiquinol-cytochrome c reductase iron-sulfur subunit) [Cleaved into: Cytochrome b-c1 complex subunit 11 (Complex III subunit IX) (Ubiquinol-cytochrome c reductase 8 kDa protein)] |
| ATPO\_HUMAN | ATP synthase subunit O, mitochondrial (Oligomycin sensitivity conferral protein) (OSCP) |
| LIMS1\_HUMAN | LIM and senescent cell antigen-like-containing domain protein 1 (Particularly interesting new Cys-His protein 1) (PINCH-1) (Renal carcinoma antigen NY-REN-48) |
| PPCE\_HUMAN | Prolyl endopeptidase (PE) (EC 3.4.21.26) (Post-proline cleaving enzyme) |
| MAOX\_HUMAN | NADP-dependent malic enzyme (NADP-ME) (EC 1.1.1.40) (Malic enzyme 1) |
| PI42A\_HUMAN | Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha (EC 2.7.1.149) (1-phosphatidylinositol 5-phosphate 4-kinase 2-alpha) (Diphosphoinositide kinase 2-alpha) (PIP5KIII) (Phosphatidylinositol 5-phosphate 4-kinase type II alpha) (PI(5)P 4-kinase type II alpha) (PIP4KII-alpha) (PtdIns(4)P-5-kinase B isoform) (PtdIns(4)P-5-kinase C isoform) (PtdIns(5)P-4-kinase isoform 2-alpha) |
| COPD\_HUMAN | Coatomer subunit delta (Archain) (Delta-coat protein) (Delta-COP) |
| ERG7\_HUMAN | Lanosterol synthase (EC 5.4.99.7) (2,3-epoxysqualene--lanosterol cyclase) (Oxidosqualene--lanosterol cyclase) (OSC) (hOSC) |
| PP2BC\_HUMAN | Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform (EC 3.1.3.16) (CAM-PRP catalytic subunit) (Calcineurin, testis-specific catalytic subunit) (Calmodulin-dependent calcineurin A subunit gamma isoform) |
| GSH1\_HUMAN | Glutamate--cysteine ligase catalytic subunit (EC 6.3.2.2) (GCS heavy chain) (Gamma-ECS) (Gamma-glutamylcysteine synthetase) |
| GSH0\_HUMAN | Glutamate--cysteine ligase regulatory subunit (GCS light chain) (Gamma-ECS regulatory subunit) (Gamma-glutamylcysteine synthetase regulatory subunit) (Glutamate--cysteine ligase modifier subunit) |
| CD151\_HUMAN | CD151 antigen (GP27) (Membrane glycoprotein SFA-1) (Platelet-endothelial tetraspan antigen 3) (PETA-3) (Tetraspanin-24) (Tspan-24) (CD antigen CD151) |
| PSMD8\_HUMAN | 26S proteasome non-ATPase regulatory subunit 8 (26S proteasome regulatory subunit RPN12) (26S proteasome regulatory subunit S14) (p31) |
| PRC2A\_HUMAN | Protein PRRC2A (HLA-B-associated transcript 2) (Large proline-rich protein BAT2) (Proline-rich and coiled-coil-containing protein 2A) (Protein G2) |
| GSHB\_HUMAN | Glutathione synthetase (GSH synthetase) (GSH-S) (EC 6.3.2.3) (Glutathione synthase) |
| TCPE\_HUMAN | T-complex protein 1 subunit epsilon (TCP-1-epsilon) (CCT-epsilon) |
| K2C6C\_HUMAN | Keratin, type II cytoskeletal 6C (Cytokeratin-6C) (CK-6C) (Cytokeratin-6E) (CK-6E) (Keratin K6h) (Keratin-6C) (K6C) (Type-II keratin Kb12) |
| NEST\_HUMAN | Nestin |
| HSP13\_HUMAN | Heat shock 70 kDa protein 13 (Microsomal stress-70 protein ATPase core) (Stress-70 protein chaperone microsome-associated 60 kDa protein) |
| KC1D\_HUMAN | Casein kinase I isoform delta (CKI-delta) (CKId) (EC 2.7.11.1) (Tau-protein kinase CSNK1D) (EC 2.7.11.26) |
| IDHP\_HUMAN | Isocitrate dehydrogenase [NADP], mitochondrial (IDH) (EC 1.1.1.42) (ICD-M) (IDP) (NADP(+)-specific ICDH) (Oxalosuccinate decarboxylase) |
| PIPNB\_HUMAN | Phosphatidylinositol transfer protein beta isoform (PI-TP-beta) (PtdIns transfer protein beta) (PtdInsTP beta) |
| HSP77\_HUMAN | Putative heat shock 70 kDa protein 7 (Heat shock 70 kDa protein B) |
| TNNI2\_HUMAN | Troponin I, fast skeletal muscle (Troponin I, fast-twitch isoform) |
| PAXI\_HUMAN | Paxillin |
| CAMLG\_HUMAN | Calcium signal-modulating cyclophilin ligand (CAML) |
| NR2C2\_HUMAN | Nuclear receptor subfamily 2 group C member 2 (Orphan nuclear receptor TAK1) (Orphan nuclear receptor TR4) (Testicular receptor 4) |
| MAPK2\_HUMAN | MAP kinase-activated protein kinase 2 (MAPK-activated protein kinase 2) (MAPKAP kinase 2) (MAPKAP-K2) (MAPKAPK-2) (MK-2) (MK2) (EC 2.7.11.1) |
| DNSL1\_HUMAN | Deoxyribonuclease-1-like 1 (EC 3.1.21.-) (DNase X) (Deoxyribonuclease I-like 1) (DNase I-like 1) (Muscle-specific DNase I-like) (XIB) |
| AL9A1\_HUMAN | 4-trimethylaminobutyraldehyde dehydrogenase (TMABADH) (EC 1.2.1.47) (Aldehyde dehydrogenase E3 isozyme) (Aldehyde dehydrogenase family 9 member A1) (EC 1.2.1.3) (Gamma-aminobutyraldehyde dehydrogenase) (EC 1.2.1.19) (R-aminobutyraldehyde dehydrogenase) |
| RL34\_HUMAN | 60S ribosomal protein L34 |
| RPIA\_HUMAN | Ribose-5-phosphate isomerase (EC 5.3.1.6) (Phosphoriboisomerase) |
| LMAN1\_HUMAN | Protein ERGIC-53 (ER-Golgi intermediate compartment 53 kDa protein) (Gp58) (Intracellular mannose-specific lectin MR60) (Lectin mannose-binding 1) |
| NASP\_HUMAN | Nuclear autoantigenic sperm protein (NASP) |
| FAS\_HUMAN | Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38); [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39); 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41); 3-oxoacyl-[acyl-carrier-protein] reductase (EC 1.1.1.100); 3-hydroxyacyl-[acyl-carrier-protein] dehydratase (EC 4.2.1.59); Enoyl-[acyl-carrier-protein] reductase (EC 1.3.1.39); Oleoyl-[acyl-carrier-protein] hydrolase (EC 3.1.2.14)] |
| FNTA\_HUMAN | Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha (EC 2.5.1.58) (EC 2.5.1.59) (CAAX farnesyltransferase subunit alpha) (FTase-alpha) (Ras proteins prenyltransferase subunit alpha) (Type I protein geranyl-geranyltransferase subunit alpha) (GGTase-I-alpha) |
| FNTB\_HUMAN | Protein farnesyltransferase subunit beta (FTase-beta) (EC 2.5.1.58) (CAAX farnesyltransferase subunit beta) (Ras proteins prenyltransferase subunit beta) |
| DHYS\_HUMAN | Deoxyhypusine synthase (DHS) (EC 2.5.1.46) |
| TCPG\_HUMAN | T-complex protein 1 subunit gamma (TCP-1-gamma) (CCT-gamma) (hTRiC5) |
| RM19\_HUMAN | 39S ribosomal protein L19, mitochondrial (L19mt) (MRP-L19) (39S ribosomal protein L15, mitochondrial) (L15mt) (MRP-L15) |
| ARRB1\_HUMAN | Beta-arrestin-1 (Arrestin beta-1) |
| EFTU\_HUMAN | Elongation factor Tu, mitochondrial (EF-Tu) (P43) |
| AMPH\_HUMAN | Amphiphysin |
| AL7A1\_HUMAN | Alpha-aminoadipic semialdehyde dehydrogenase (Alpha-AASA dehydrogenase) (EC 1.2.1.31) (Aldehyde dehydrogenase family 7 member A1) (EC 1.2.1.3) (Antiquitin-1) (Betaine aldehyde dehydrogenase) (EC 1.2.1.8) (Delta1-piperideine-6-carboxylate dehydrogenase) (P6c dehydrogenase) |
| UB2R1\_HUMAN | Ubiquitin-conjugating enzyme E2 R1 (EC 2.3.2.23) ((E3-independent) E2 ubiquitin-conjugating enzyme R1) (EC 2.3.2.24) (E2 ubiquitin-conjugating enzyme R1) (Ubiquitin-conjugating enzyme E2-32 kDa complementing) (Ubiquitin-conjugating enzyme E2-CDC34) (Ubiquitin-protein ligase R1) |
| DHE4\_HUMAN | Glutamate dehydrogenase 2, mitochondrial (GDH 2) (EC 1.4.1.3) |
| CENPA\_HUMAN | Histone H3-like centromeric protein A (Centromere autoantigen A) (Centromere protein A) (CENP-A) |
| CENPF\_HUMAN | Centromere protein F (CENP-F) (AH antigen) (Kinetochore protein CENPF) (Mitosin) |
| SRP09\_HUMAN | Signal recognition particle 9 kDa protein (SRP9) |
| PCY1A\_HUMAN | Choline-phosphate cytidylyltransferase A (EC 2.7.7.15) (CCT-alpha) (CTP:phosphocholine cytidylyltransferase A) (CCT A) (CT A) (Phosphorylcholine transferase A) |
| SYAC\_HUMAN | Alanine--tRNA ligase, cytoplasmic (EC 6.1.1.7) (Alanyl-tRNA synthetase) (AlaRS) (Renal carcinoma antigen NY-REN-42) |
| SYCC\_HUMAN | Cysteine--tRNA ligase, cytoplasmic (EC 6.1.1.16) (Cysteinyl-tRNA synthetase) (CysRS) |
| SYHM\_HUMAN | Probable histidine--tRNA ligase, mitochondrial (EC 6.1.1.21) (Histidine--tRNA ligase-like) (Histidyl-tRNA synthetase) (HisRS) |
| SYSC\_HUMAN | Serine--tRNA ligase, cytoplasmic (EC 6.1.1.11) (Seryl-tRNA synthetase) (SerRS) (Seryl-tRNA(Ser/Sec) synthetase) |
| PPM1F\_HUMAN | Protein phosphatase 1F (EC 3.1.3.16) (Ca(2+)/calmodulin-dependent protein kinase phosphatase) (CaM-kinase phosphatase) (CaMKPase) (Partner of PIX 2) (Protein fem-2 homolog) (hFem-2) |
| KC1E\_HUMAN | Casein kinase I isoform epsilon (CKI-epsilon) (CKIe) (EC 2.7.11.1) |
| PSB3\_HUMAN | Proteasome subunit beta type-3 (EC 3.4.25.1) (Proteasome chain 13) (Proteasome component C10-II) (Proteasome theta chain) |
| PSB2\_HUMAN | Proteasome subunit beta type-2 (EC 3.4.25.1) (Macropain subunit C7-I) (Multicatalytic endopeptidase complex subunit C7-I) (Proteasome component C7-I) |
| MCM2\_HUMAN | DNA replication licensing factor MCM2 (EC 3.6.4.12) (Minichromosome maintenance protein 2 homolog) (Nuclear protein BM28) |
| TSP3\_HUMAN | Thrombospondin-3 |
| COMP\_HUMAN | Cartilage oligomeric matrix protein (COMP) (Thrombospondin-5) (TSP5) |
| ACADV\_HUMAN | Very long-chain specific acyl-CoA dehydrogenase, mitochondrial (VLCAD) (EC 1.3.8.9) |
| ACOT2\_HUMAN | Acyl-coenzyme A thioesterase 2, mitochondrial (Acyl-CoA thioesterase 2) (EC 3.1.2.2) (Acyl-coenzyme A thioester hydrolase 2a) (CTE-Ia) (Long-chain acyl-CoA thioesterase 2) (ZAP128) |
| TMEDA\_HUMAN | Transmembrane emp24 domain-containing protein 10 (21 kDa transmembrane-trafficking protein) (S31III125) (S31I125) (Tmp-21-I) (Transmembrane protein Tmp21) (p23) (p24 family protein delta-1) (p24delta1) (p24delta) |
| RBM25\_HUMAN | RNA-binding protein 25 (Arg/Glu/Asp-rich protein of 120 kDa) (RED120) (Protein S164) (RNA-binding motif protein 25) (RNA-binding region-containing protein 7) |
| EI2BB\_HUMAN | Translation initiation factor eIF-2B subunit beta (S20I15) (S20III15) (eIF-2B GDP-GTP exchange factor subunit beta) |
| HINT1\_HUMAN | Histidine triad nucleotide-binding protein 1 (EC 3.-.-.-) (Adenosine 5'-monophosphoramidase) (Protein kinase C inhibitor 1) (Protein kinase C-interacting protein 1) (PKCI-1) |
| FHIT\_HUMAN | Bis(5'-adenosyl)-triphosphatase (EC 3.6.1.29) (AP3A hydrolase) (AP3Aase) (Diadenosine 5',5'''-P1,P3-triphosphate hydrolase) (Dinucleosidetriphosphatase) (Fragile histidine triad protein) |
| RBP2\_HUMAN | E3 SUMO-protein ligase RanBP2 (EC 6.3.2.-) (358 kDa nucleoporin) (Nuclear pore complex protein Nup358) (Nucleoporin Nup358) (Ran-binding protein 2) (RanBP2) (p270) |
| TSC2\_HUMAN | Tuberin (Tuberous sclerosis 2 protein) |
| NDUV1\_HUMAN | NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51kD) (CI-51kD) (NADH dehydrogenase flavoprotein 1) (NADH-ubiquinone oxidoreductase 51 kDa subunit) |
| GSK3A\_HUMAN | Glycogen synthase kinase-3 alpha (GSK-3 alpha) (EC 2.7.11.26) (Serine/threonine-protein kinase GSK3A) (EC 2.7.11.1) |
| GSK3B\_HUMAN | Glycogen synthase kinase-3 beta (GSK-3 beta) (EC 2.7.11.26) (Serine/threonine-protein kinase GSK3B) (EC 2.7.11.1) |
| 5NTC\_HUMAN | Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (Cytosolic 5'-nucleotidase II) |
| SPS1\_HUMAN | Selenide, water dikinase 1 (EC 2.7.9.3) (Selenium donor protein 1) (Selenophosphate synthase 1) |
| MTHFS\_HUMAN | 5-formyltetrahydrofolate cyclo-ligase (EC 6.3.3.2) (5,10-methenyl-tetrahydrofolate synthetase) (MTHFS) (Methenyl-THF synthetase) |
| GUAA\_HUMAN | GMP synthase [glutamine-hydrolyzing] (EC 6.3.5.2) (GMP synthetase) (Glutamine amidotransferase) |
| DNLI4\_HUMAN | DNA ligase 4 (EC 6.5.1.1) (DNA ligase IV) (Polydeoxyribonucleotide synthase [ATP] 4) |
| MRE11\_HUMAN | Double-strand break repair protein MRE11A (Meiotic recombination 11 homolog 1) (MRE11 homolog 1) (Meiotic recombination 11 homolog A) (MRE11 homolog A) |
| KHK\_HUMAN | Ketohexokinase (EC 2.7.1.3) (Hepatic fructokinase) |
| IDH3A\_HUMAN | Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial (EC 1.1.1.41) (Isocitric dehydrogenase subunit alpha) (NAD(+)-specific ICDH subunit alpha) |
| ST1A1\_HUMAN | Sulfotransferase 1A1 (ST1A1) (EC 2.8.2.1) (Aryl sulfotransferase 1) (HAST1/HAST2) (Phenol sulfotransferase 1) (Phenol-sulfating phenol sulfotransferase 1) (P-PST 1) (ST1A3) (Thermostable phenol sulfotransferase) (Ts-PST) |
| CRIP1\_HUMAN | Cysteine-rich protein 1 (CRP-1) (Cysteine-rich heart protein) (CRHP) (hCRHP) (Cysteine-rich intestinal protein) (CRIP) |
| PPOX\_HUMAN | Protoporphyrinogen oxidase (PPO) (EC 1.3.3.4) |
| GDIB\_HUMAN | Rab GDP dissociation inhibitor beta (Rab GDI beta) (Guanosine diphosphate dissociation inhibitor 2) (GDI-2) |
| EMD\_HUMAN | Emerin |
| GATM\_HUMAN | Glycine amidinotransferase, mitochondrial (EC 2.1.4.1) (L-arginine:glycine amidinotransferase) (Transamidinase) |
| SPB9\_HUMAN | Serpin B9 (Cytoplasmic antiproteinase 3) (CAP-3) (CAP3) (Peptidase inhibitor 9) (PI-9) |
| SERPH\_HUMAN | Serpin H1 (47 kDa heat shock protein) (Arsenic-transactivated protein 3) (AsTP3) (Cell proliferation-inducing gene 14 protein) (Collagen-binding protein) (Colligin) (Rheumatoid arthritis-related antigen RA-A47) |
| CSRP3\_HUMAN | Cysteine and glycine-rich protein 3 (Cardiac LIM protein) (Cysteine-rich protein 3) (CRP3) (LIM domain protein, cardiac) (Muscle LIM protein) |
| PDLI4\_HUMAN | PDZ and LIM domain protein 4 (LIM protein RIL) (Reversion-induced LIM protein) |
| F10A1\_HUMAN | Hsc70-interacting protein (Hip) (Aging-associated protein 2) (Progesterone receptor-associated p48 protein) (Protein FAM10A1) (Putative tumor suppressor ST13) (Renal carcinoma antigen NY-REN-33) (Suppression of tumorigenicity 13 protein) |
| VASP\_HUMAN | Vasodilator-stimulated phosphoprotein (VASP) |
| DYN2\_HUMAN | Dynamin-2 (EC 3.6.5.5) |
| MAP2\_HUMAN | Methionine aminopeptidase 2 (MAP 2) (MetAP 2) (EC 3.4.11.18) (Initiation factor 2-associated 67 kDa glycoprotein) (p67) (p67eIF2) (Peptidase M) |
| AP4A\_HUMAN | Bis(5'-nucleosyl)-tetraphosphatase [asymmetrical] (EC 3.6.1.17) (Diadenosine 5',5'''-P1,P4-tetraphosphate asymmetrical hydrolase) (Ap4A hydrolase) (Ap4Aase) (Diadenosine tetraphosphatase) (Nucleoside diphosphate-linked moiety X motif 2) (Nudix motif 2) |
| BPL1\_HUMAN | Biotin--protein ligase (EC 6.3.4.-) (Biotin apo-protein ligase) [Includes: Biotin--[methylmalonyl-CoA-carboxytransferase] ligase (EC 6.3.4.9); Biotin--[propionyl-CoA-carboxylase [ATP-hydrolyzing]] ligase (EC 6.3.4.10) (Holocarboxylase synthetase) (HCS); Biotin--[methylcrotonoyl-CoA-carboxylase] ligase (EC 6.3.4.11); Biotin--[acetyl-CoA-carboxylase] ligase (EC 6.3.4.15)] |
| BCAM\_HUMAN | Basal cell adhesion molecule (Auberger B antigen) (B-CAM cell surface glycoprotein) (F8/G253 antigen) (Lutheran antigen) (Lutheran blood group glycoprotein) (CD antigen CD239) |
| PPT1\_HUMAN | Palmitoyl-protein thioesterase 1 (PPT-1) (EC 3.1.2.22) (Palmitoyl-protein hydrolase 1) |
| RL14\_HUMAN | 60S ribosomal protein L14 (CAG-ISL 7) |
| TCPQ\_HUMAN | T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (Renal carcinoma antigen NY-REN-15) |
| TCPD\_HUMAN | T-complex protein 1 subunit delta (TCP-1-delta) (CCT-delta) (Stimulator of TAR RNA-binding) |
| AT1A2\_HUMAN | Sodium/potassium-transporting ATPase subunit alpha-2 (Na(+)/K(+) ATPase alpha-2 subunit) (EC 3.6.3.9) (Sodium pump subunit alpha-2) |
| ANX11\_HUMAN | Annexin A11 (56 kDa autoantigen) (Annexin XI) (Annexin-11) (Calcyclin-associated annexin 50) (CAP-50) |
| FXR1\_HUMAN | Fragile X mental retardation syndrome-related protein 1 (hFXR1p) |
| FXR2\_HUMAN | Fragile X mental retardation syndrome-related protein 2 |
| RAB5C\_HUMAN | Ras-related protein Rab-5C (L1880) (RAB5L) |
| RAB7A\_HUMAN | Ras-related protein Rab-7a |
| DAP1\_HUMAN | Death-associated protein 1 (DAP-1) |
| RT29\_HUMAN | 28S ribosomal protein S29, mitochondrial (MRP-S29) (S29mt) (Death-associated protein 3) (DAP-3) (Ionizing radiation resistance conferring protein) |
| DUS3\_HUMAN | Dual specificity protein phosphatase 3 (EC 3.1.3.16) (EC 3.1.3.48) (Dual specificity protein phosphatase VHR) (Vaccinia H1-related phosphatase) (VHR) |
| MMP16\_HUMAN | Matrix metalloproteinase-16 (MMP-16) (EC 3.4.24.-) (MMP-X2) (Membrane-type matrix metalloproteinase 3) (MT-MMP 3) (MTMMP3) (Membrane-type-3 matrix metalloproteinase) (MT3-MMP) (MT3MMP) |
| ZNF83\_HUMAN | Zinc finger protein 83 (Zinc finger protein 816B) (Zinc finger protein HPF1) |
| IDH3G\_HUMAN | Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial (EC 1.1.1.41) (Isocitric dehydrogenase subunit gamma) (NAD(+)-specific ICDH subunit gamma) |
| GALK1\_HUMAN | Galactokinase (EC 2.7.1.6) (Galactose kinase) |
| SSRD\_HUMAN | Translocon-associated protein subunit delta (TRAP-delta) (Signal sequence receptor subunit delta) (SSR-delta) |
| BAP31\_HUMAN | B-cell receptor-associated protein 31 (BCR-associated protein 31) (Bap31) (6C6-AG tumor-associated antigen) (Protein CDM) (p28) |
| TPMT\_HUMAN | Thiopurine S-methyltransferase (EC 2.1.1.67) (Thiopurine methyltransferase) |
| BRCA2\_HUMAN | Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) |
| MECP2\_HUMAN | Methyl-CpG-binding protein 2 (MeCp-2 protein) (MeCp2) |
| HCFC1\_HUMAN | Host cell factor 1 (HCF) (HCF-1) (C1 factor) (CFF) (VCAF) (VP16 accessory protein) [Cleaved into: HCF N-terminal chain 1; HCF N-terminal chain 2; HCF N-terminal chain 3; HCF N-terminal chain 4; HCF N-terminal chain 5; HCF N-terminal chain 6; HCF C-terminal chain 1; HCF C-terminal chain 2; HCF C-terminal chain 3; HCF C-terminal chain 4; HCF C-terminal chain 5; HCF C-terminal chain 6] |
| CAV2\_HUMAN | Caveolin-2 |
| AL3A2\_HUMAN | Fatty aldehyde dehydrogenase (EC 1.2.1.3) (Aldehyde dehydrogenase 10) (Aldehyde dehydrogenase family 3 member A2) (Microsomal aldehyde dehydrogenase) |
| SSDH\_HUMAN | Succinate-semialdehyde dehydrogenase, mitochondrial (EC 1.2.1.24) (Aldehyde dehydrogenase family 5 member A1) (NAD(+)-dependent succinic semialdehyde dehydrogenase) |
| DHB4\_HUMAN | Peroxisomal multifunctional enzyme type 2 (MFE-2) (17-beta-hydroxysteroid dehydrogenase 4) (17-beta-HSD 4) (D-bifunctional protein) (DBP) (Multifunctional protein 2) (MPF-2) (Short chain dehydrogenase/reductase family 8C member 1) [Cleaved into: (3R)-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.n12); Enoyl-CoA hydratase 2 (EC 4.2.1.107) (EC 4.2.1.119) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholest-24-enoyl-CoA hydratase)] |
| PSMD7\_HUMAN | 26S proteasome non-ATPase regulatory subunit 7 (26S proteasome regulatory subunit RPN8) (26S proteasome regulatory subunit S12) (Mov34 protein homolog) (Proteasome subunit p40) |
| UB2D1\_HUMAN | Ubiquitin-conjugating enzyme E2 D1 (EC 2.3.2.23) ((E3-independent) E2 ubiquitin-conjugating enzyme D1) (EC 2.3.2.24) (E2 ubiquitin-conjugating enzyme D1) (Stimulator of Fe transport) (SFT) (UBC4/5 homolog) (UbcH5) (Ubiquitin carrier protein D1) (Ubiquitin-conjugating enzyme E2(17)KB 1) (Ubiquitin-conjugating enzyme E2-17 kDa 1) (Ubiquitin-protein ligase D1) |
| SUOX\_HUMAN | Sulfite oxidase, mitochondrial (EC 1.8.3.1) |
| STA5B\_HUMAN | Signal transducer and activator of transcription 5B |
| UBP11\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 11 (EC 3.4.19.12) (Deubiquitinating enzyme 11) (Ubiquitin thioesterase 11) (Ubiquitin-specific-processing protease 11) |
| CLCN7\_HUMAN | H(+)/Cl(-) exchange transporter 7 (Chloride channel 7 alpha subunit) (Chloride channel protein 7) (ClC-7) |
| KS6A3\_HUMAN | Ribosomal protein S6 kinase alpha-3 (S6K-alpha-3) (EC 2.7.11.1) (90 kDa ribosomal protein S6 kinase 3) (p90-RSK 3) (p90RSK3) (Insulin-stimulated protein kinase 1) (ISPK-1) (MAP kinase-activated protein kinase 1b) (MAPK-activated protein kinase 1b) (MAPKAP kinase 1b) (MAPKAPK-1b) (Ribosomal S6 kinase 2) (RSK-2) (pp90RSK2) |
| GUC2F\_HUMAN | Retinal guanylyl cyclase 2 (RETGC-2) (EC 4.6.1.2) (Guanylate cyclase 2F, retinal) (Guanylate cyclase F) (GC-F) (Rod outer segment membrane guanylate cyclase 2) (ROS-GC2) |
| AK1D1\_HUMAN | 3-oxo-5-beta-steroid 4-dehydrogenase (EC 1.3.1.3) (Aldo-keto reductase family 1 member D1) (Delta(4)-3-ketosteroid 5-beta-reductase) (Delta(4)-3-oxosteroid 5-beta-reductase) |
| HDGF\_HUMAN | Hepatoma-derived growth factor (HDGF) (High mobility group protein 1-like 2) (HMG-1L2) |
| LUM\_HUMAN | Lumican (Keratan sulfate proteoglycan lumican) (KSPG lumican) |
| PRELP\_HUMAN | Prolargin (Proline-arginine-rich end leucine-rich repeat protein) |
| CNN1\_HUMAN | Calponin-1 (Basic calponin) (Calponin H1, smooth muscle) |
| NDUA8\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (Complex I-19kD) (CI-19kD) (Complex I-PGIV) (CI-PGIV) (NADH-ubiquinone oxidoreductase 19 kDa subunit) |
| ROA3\_HUMAN | Heterogeneous nuclear ribonucleoprotein A3 (hnRNP A3) |
| MYOM1\_HUMAN | Myomesin-1 (190 kDa connectin-associated protein) (190 kDa titin-associated protein) (Myomesin family member 1) |
| 6PGD\_HUMAN | 6-phosphogluconate dehydrogenase, decarboxylating (EC 1.1.1.44) |
| HNRPM\_HUMAN | Heterogeneous nuclear ribonucleoprotein M (hnRNP M) |
| IMA5\_HUMAN | Importin subunit alpha-5 (Karyopherin subunit alpha-1) (Nucleoprotein interactor 1) (NPI-1) (RAG cohort protein 2) (SRP1-beta) [Cleaved into: Importin subunit alpha-5, N-terminally processed] |
| GDS1\_HUMAN | Rap1 GTPase-GDP dissociation stimulator 1 (Exchange factor smgGDS) (SMG GDS protein) (SMG P21 stimulatory GDP/GTP exchange protein) |
| RPAB3\_HUMAN | DNA-directed RNA polymerases I, II, and III subunit RPABC3 (RNA polymerases I, II, and III subunit ABC3) (DNA-directed RNA polymerase II subunit H) (DNA-directed RNA polymerases I, II, and III 17.1 kDa polypeptide) (RPB17) (RPB8 homolog) (hRPB8) |
| MP2K6\_HUMAN | Dual specificity mitogen-activated protein kinase kinase 6 (MAP kinase kinase 6) (MAPKK 6) (EC 2.7.12.2) (MAPK/ERK kinase 6) (MEK 6) (Stress-activated protein kinase kinase 3) (SAPK kinase 3) (SAPKK-3) (SAPKK3) |
| GDIR1\_HUMAN | Rho GDP-dissociation inhibitor 1 (Rho GDI 1) (Rho-GDI alpha) |
| GDIR2\_HUMAN | Rho GDP-dissociation inhibitor 2 (Rho GDI 2) (Ly-GDI) (Rho-GDI beta) |
| CTR2\_HUMAN | Cationic amino acid transporter 2 (CAT-2) (CAT2) (Low affinity cationic amino acid transporter 2) (Solute carrier family 7 member 2) |
| AGFG1\_HUMAN | Arf-GAP domain and FG repeat-containing protein 1 (HIV-1 Rev-binding protein) (Nucleoporin-like protein RIP) (Rev-interacting protein) (Rev/Rex activation domain-binding protein) |
| HNRPF\_HUMAN | Heterogeneous nuclear ribonucleoprotein F (hnRNP F) (Nucleolin-like protein mcs94-1) [Cleaved into: Heterogeneous nuclear ribonucleoprotein F, N-terminally processed] |
| UK114\_HUMAN | Ribonuclease UK114 (EC 3.1.-.-) (14.5 kDa translational inhibitor protein) (p14.5) (Heat-responsive protein 12) (UK114 antigen homolog) |
| SPSY\_HUMAN | Spermine synthase (SPMSY) (EC 2.5.1.22) (Spermidine aminopropyltransferase) |
| HXK2\_HUMAN | Hexokinase-2 (EC 2.7.1.1) (Hexokinase type II) (HK II) (Muscle form hexokinase) |
| RM12\_HUMAN | 39S ribosomal protein L12, mitochondrial (L12mt) (MRP-L12) (5c5-2) |
| THOP1\_HUMAN | Thimet oligopeptidase (EC 3.4.24.15) (Endopeptidase 24.15) (MP78) |
| AK1C2\_HUMAN | Aldo-keto reductase family 1 member C2 (EC 1.-.-.-) (3-alpha-HSD3) (Chlordecone reductase homolog HAKRD) (Dihydrodiol dehydrogenase 2) (DD-2) (DD2) (Dihydrodiol dehydrogenase/bile acid-binding protein) (DD/BABP) (Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (EC 1.3.1.20) (Type III 3-alpha-hydroxysteroid dehydrogenase) (EC 1.1.1.357) |
| CAZA1\_HUMAN | F-actin-capping protein subunit alpha-1 (CapZ alpha-1) |
| CRIP2\_HUMAN | Cysteine-rich protein 2 (CRP-2) (Protein ESP1) |
| NUP98\_HUMAN | Nuclear pore complex protein Nup98-Nup96 [Cleaved into: Nuclear pore complex protein Nup98 (98 kDa nucleoporin) (Nucleoporin Nup98) (Nup98); Nuclear pore complex protein Nup96 (96 kDa nucleoporin) (Nucleoporin Nup96) (Nup96)] |
| LBX1\_HUMAN | Transcription factor LBX1 (Ladybird homeobox protein homolog 1) |
| NAR1\_HUMAN | GPI-linked NAD(P)(+)--arginine ADP-ribosyltransferase 1 (EC 2.4.2.31) (ADP-ribosyltransferase C2 and C3 toxin-like 1) (ARTC1) (Mono(ADP-ribosyl)transferase 1) (CD antigen CD296) |
| BIEA\_HUMAN | Biliverdin reductase A (BVR A) (EC 1.3.1.24) (Biliverdin-IX alpha-reductase) |
| PPP5\_HUMAN | Serine/threonine-protein phosphatase 5 (PP5) (EC 3.1.3.16) (Protein phosphatase T) (PP-T) (PPT) |
| ARFP1\_HUMAN | Arfaptin-1 (ADP-ribosylation factor-interacting protein 1) |
| NUBP1\_HUMAN | Cytosolic Fe-S cluster assembly factor NUBP1 (Nucleotide-binding protein 1) (NBP 1) |
| ACLY\_HUMAN | ATP-citrate synthase (EC 2.3.3.8) (ATP-citrate (pro-S-)-lyase) (ACL) (Citrate cleavage enzyme) |
| MAP11\_HUMAN | Methionine aminopeptidase 1 (MAP 1) (MetAP 1) (EC 3.4.11.18) (Peptidase M 1) |
| SUCA\_HUMAN | Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial (EC 6.2.1.4) (EC 6.2.1.5) (Succinyl-CoA synthetase subunit alpha) (SCS-alpha) |
| PGTB1\_HUMAN | Geranylgeranyl transferase type-1 subunit beta (EC 2.5.1.59) (Geranylgeranyl transferase type I subunit beta) (GGTase-I-beta) (Type I protein geranyl-geranyltransferase subunit beta) |
| PGTB2\_HUMAN | Geranylgeranyl transferase type-2 subunit beta (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit beta) (GGTase-II-beta) (Rab geranyl-geranyltransferase subunit beta) (Rab GG transferase beta) (Rab GGTase beta) (Rab geranylgeranyltransferase subunit beta) (Type II protein geranyl-geranyltransferase subunit beta) |
| COPB\_HUMAN | Coatomer subunit beta (Beta-coat protein) (Beta-COP) |
| COPA\_HUMAN | Coatomer subunit alpha (Alpha-coat protein) (Alpha-COP) (HEP-COP) (HEPCOP) [Cleaved into: Xenin (Xenopsin-related peptide); Proxenin] |
| CATC\_HUMAN | Dipeptidyl peptidase 1 (EC 3.4.14.1) (Cathepsin C) (Cathepsin J) (Dipeptidyl peptidase I) (DPP-I) (DPPI) (Dipeptidyl transferase) [Cleaved into: Dipeptidyl peptidase 1 exclusion domain chain (Dipeptidyl peptidase I exclusion domain chain); Dipeptidyl peptidase 1 heavy chain (Dipeptidyl peptidase I heavy chain); Dipeptidyl peptidase 1 light chain (Dipeptidyl peptidase I light chain)] |
| CLH2\_HUMAN | Clathrin heavy chain 2 (Clathrin heavy chain on chromosome 22) (CLH-22) |
| CCHL\_HUMAN | Cytochrome c-type heme lyase (CCHL) (EC 4.4.1.17) (Holocytochrome c-type synthase) |
| MK12\_HUMAN | Mitogen-activated protein kinase 12 (MAP kinase 12) (MAPK 12) (EC 2.7.11.24) (Extracellular signal-regulated kinase 6) (ERK-6) (Mitogen-activated protein kinase p38 gamma) (MAP kinase p38 gamma) (Stress-activated protein kinase 3) |
| RPAB4\_HUMAN | DNA-directed RNA polymerases I, II, and III subunit RPABC4 (RNA polymerases I, II, and III subunit ABC4) (ABC10-alpha) (DNA-directed RNA polymerase II subunit K) (RNA polymerase II 7.0 kDa subunit) (RPB7.0) (RPB10alpha) |
| RCAN1\_HUMAN | Calcipressin-1 (Adapt78) (Down syndrome critical region protein 1) (Myocyte-enriched calcineurin-interacting protein 1) (MCIP1) (Regulator of calcineurin 1) |
| SMTN\_HUMAN | Smoothelin |
| MOT1\_HUMAN | Monocarboxylate transporter 1 (MCT 1) (Solute carrier family 16 member 1) |
| IST1\_HUMAN | IST1 homolog (hIST1) (Putative MAPK-activating protein PM28) |
| SC24C\_HUMAN | Protein transport protein Sec24C (SEC24-related protein C) |
| TCP4\_HUMAN | Activated RNA polymerase II transcriptional coactivator p15 (Positive cofactor 4) (PC4) (SUB1 homolog) (p14) |
| DPOG1\_HUMAN | DNA polymerase subunit gamma-1 (EC 2.7.7.7) (Mitochondrial DNA polymerase catalytic subunit) (PolG-alpha) |
| ICLN\_HUMAN | Methylosome subunit pICln (Chloride channel, nucleotide sensitive 1A) (Chloride conductance regulatory protein ICln) (I(Cln)) (Chloride ion current inducer protein) (ClCI) (Reticulocyte pICln) |
| SYRC\_HUMAN | Arginine--tRNA ligase, cytoplasmic (EC 6.1.1.19) (Arginyl-tRNA synthetase) (ArgRS) |
| HIRA\_HUMAN | Protein HIRA (TUP1-like enhancer of split protein 1) |
| CACB3\_HUMAN | Voltage-dependent L-type calcium channel subunit beta-3 (CAB3) (Calcium channel voltage-dependent subunit beta 3) |
| CA2D1\_HUMAN | Voltage-dependent calcium channel subunit alpha-2/delta-1 (Voltage-gated calcium channel subunit alpha-2/delta-1) [Cleaved into: Voltage-dependent calcium channel subunit alpha-2-1; Voltage-dependent calcium channel subunit delta-1] |
| MYOM2\_HUMAN | Myomesin-2 (165 kDa connectin-associated protein) (165 kDa titin-associated protein) (M-protein) (Myomesin family member 2) |
| SYYC\_HUMAN | Tyrosine--tRNA ligase, cytoplasmic (EC 6.1.1.1) (Tyrosyl-tRNA synthetase) (TyrRS) [Cleaved into: Tyrosine--tRNA ligase, cytoplasmic, N-terminally processed] |
| UBP14\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 14 (EC 3.4.19.12) (Deubiquitinating enzyme 14) (Ubiquitin thioesterase 14) (Ubiquitin-specific-processing protease 14) |
| AAKG1\_HUMAN | 5'-AMP-activated protein kinase subunit gamma-1 (AMPK gamma1) (AMPK subunit gamma-1) (AMPKg) |
| AAPK2\_HUMAN | 5'-AMP-activated protein kinase catalytic subunit alpha-2 (AMPK subunit alpha-2) (EC 2.7.11.1) (Acetyl-CoA carboxylase kinase) (ACACA kinase) (EC 2.7.11.27) (Hydroxymethylglutaryl-CoA reductase kinase) (HMGCR kinase) (EC 2.7.11.31) |
| HSP72\_HUMAN | Heat shock-related 70 kDa protein 2 (Heat shock 70 kDa protein 2) |
| BCAT1\_HUMAN | Branched-chain-amino-acid aminotransferase, cytosolic (BCAT(c)) (EC 2.6.1.42) (Protein ECA39) |
| AT12A\_HUMAN | Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Non-gastric H(+)/K(+) ATPase subunit alpha) (Proton pump) |
| AT1B3\_HUMAN | Sodium/potassium-transporting ATPase subunit beta-3 (Sodium/potassium-dependent ATPase subunit beta-3) (ATPB-3) (CD antigen CD298) |
| RD23A\_HUMAN | UV excision repair protein RAD23 homolog A (HR23A) (hHR23A) |
| RD23B\_HUMAN | UV excision repair protein RAD23 homolog B (HR23B) (hHR23B) (XP-C repair-complementing complex 58 kDa protein) (p58) |
| DVLP1\_HUMAN | Putative segment polarity protein dishevelled homolog DVL1P1 (DSH homolog 1-like) (Segment polarity protein dishevelled homolog DVL-1-like) (Dishevelled-1-like) |
| KAD2\_HUMAN | Adenylate kinase 2, mitochondrial (AK 2) (EC 2.7.4.3) (ATP-AMP transphosphorylase 2) (ATP:AMP phosphotransferase) (Adenylate monophosphate kinase) [Cleaved into: Adenylate kinase 2, mitochondrial, N-terminally processed] |
| GYS2\_HUMAN | Glycogen [starch] synthase, liver (EC 2.4.1.11) |
| EMP3\_HUMAN | Epithelial membrane protein 3 (EMP-3) (Hematopoietic neural membrane protein 1) (HNMP-1) (Protein YMP) |
| HMCS2\_HUMAN | Hydroxymethylglutaryl-CoA synthase, mitochondrial (HMG-CoA synthase) (EC 2.3.3.10) (3-hydroxy-3-methylglutaryl coenzyme A synthase) |
| SNAA\_HUMAN | Alpha-soluble NSF attachment protein (SNAP-alpha) (N-ethylmaleimide-sensitive factor attachment protein alpha) |
| ADPRH\_HUMAN | [Protein ADP-ribosylarginine] hydrolase (ADP-ribosylarginine hydrolase) (EC 3.2.2.19) (ADP-ribose-L-arginine cleaving enzyme) |
| MFAP2\_HUMAN | Microfibrillar-associated protein 2 (MFAP-2) (Microfibril-associated glycoprotein 1) (MAGP) (MAGP-1) |
| IF5\_HUMAN | Eukaryotic translation initiation factor 5 (eIF-5) |
| S12A2\_HUMAN | Solute carrier family 12 member 2 (Basolateral Na-K-Cl symporter) (Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1) |
| PSMD4\_HUMAN | 26S proteasome non-ATPase regulatory subunit 4 (26S proteasome regulatory subunit RPN10) (26S proteasome regulatory subunit S5A) (Antisecretory factor 1) (AF) (ASF) (Multiubiquitin chain-binding protein) |
| DRG2\_HUMAN | Developmentally-regulated GTP-binding protein 2 (DRG-2) |
| GEM\_HUMAN | GTP-binding protein GEM (GTP-binding mitogen-induced T-cell protein) (RAS-like protein KIR) |
| RAD\_HUMAN | GTP-binding protein RAD (RAD1) (Ras associated with diabetes) |
| XPO2\_HUMAN | Exportin-2 (Exp2) (Cellular apoptosis susceptibility protein) (Chromosome segregation 1-like protein) (Importin-alpha re-exporter) |
| TERA\_HUMAN | Transitional endoplasmic reticulum ATPase (TER ATPase) (EC 3.6.4.6) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) |
| MFAP1\_HUMAN | Microfibrillar-associated protein 1 |
| MFAP4\_HUMAN | Microfibril-associated glycoprotein 4 |
| ECHB\_HUMAN | Trifunctional enzyme subunit beta, mitochondrial (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] |
| AQP4\_HUMAN | Aquaporin-4 (AQP-4) (Mercurial-insensitive water channel) (MIWC) (WCH4) |
| MANF\_HUMAN | Mesencephalic astrocyte-derived neurotrophic factor (Arginine-rich protein) (Protein ARMET) |
| AFAD\_HUMAN | Afadin (ALL1-fused gene from chromosome 6 protein) (Protein AF-6) |
| AF10\_HUMAN | Protein AF-10 (ALL1-fused gene from chromosome 10 protein) |
| AF17\_HUMAN | Protein AF-17 (ALL1-fused gene from chromosome 17 protein) |
| NP1L1\_HUMAN | Nucleosome assembly protein 1-like 1 (NAP-1-related protein) (hNRP) |
| ADK\_HUMAN | Adenosine kinase (AK) (EC 2.7.1.20) (Adenosine 5'-phosphotransferase) |
| LAMB2\_HUMAN | Laminin subunit beta-2 (Laminin B1s chain) (Laminin-11 subunit beta) (Laminin-14 subunit beta) (Laminin-15 subunit beta) (Laminin-3 subunit beta) (Laminin-4 subunit beta) (Laminin-7 subunit beta) (Laminin-9 subunit beta) (S-laminin subunit beta) (S-LAM beta) |
| CAD13\_HUMAN | Cadherin-13 (Heart cadherin) (H-cadherin) (P105) (Truncated cadherin) (T-cad) (T-cadherin) |
| TPD52\_HUMAN | Tumor protein D52 (Protein N8) |
| SEC13\_HUMAN | Protein SEC13 homolog (SEC13-like protein 1) (SEC13-related protein) |
| NH2L1\_HUMAN | NHP2-like protein 1 (High mobility group-like nuclear protein 2 homolog 1) (OTK27) (SNU13 homolog) (hSNU13) (U4/U6.U5 tri-snRNP 15.5 kDa protein) [Cleaved into: NHP2-like protein 1, N-terminally processed] |
| PSA\_HUMAN | Puromycin-sensitive aminopeptidase (PSA) (EC 3.4.11.14) (Cytosol alanyl aminopeptidase) (AAP-S) |
| ALR\_HUMAN | FAD-linked sulfhydryl oxidase ALR (EC 1.8.3.2) (Augmenter of liver regeneration) (hERV1) (Hepatopoietin) |
| HNRH2\_HUMAN | Heterogeneous nuclear ribonucleoprotein H2 (hnRNP H2) (FTP-3) (Heterogeneous nuclear ribonucleoprotein H') (hnRNP H') |
| SCOT1\_HUMAN | Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial (EC 2.8.3.5) (3-oxoacid CoA-transferase 1) (Somatic-type succinyl-CoA:3-oxoacid CoA-transferase) (SCOT-s) |
| SH3BG\_HUMAN | SH3 domain-binding glutamic acid-rich protein (SH3BGR protein) (21-glutamic acid-rich protein) (21-GARP) |
| EIF3B\_HUMAN | Eukaryotic translation initiation factor 3 subunit B (eIF3b) (Eukaryotic translation initiation factor 3 subunit 9) (Prt1 homolog) (hPrt1) (eIF-3-eta) (eIF3 p110) (eIF3 p116) |
| BID\_HUMAN | BH3-interacting domain death agonist (p22 BID) (BID) [Cleaved into: BH3-interacting domain death agonist p15 (p15 BID); BH3-interacting domain death agonist p13 (p13 BID); BH3-interacting domain death agonist p11 (p11 BID)] |
| ATPK\_HUMAN | ATP synthase subunit f, mitochondrial |
| NDUV3\_HUMAN | NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial (Complex I-9kD) (CI-9kD) (NADH-ubiquinone oxidoreductase 9 kDa subunit) (Renal carcinoma antigen NY-REN-4) |
| RRP1\_HUMAN | Ribosomal RNA processing protein 1 homolog A (Novel nuclear protein 1) (NNP-1) (Nucleolar protein Nop52) (RRP1-like protein) |
| SYMC\_HUMAN | Methionine--tRNA ligase, cytoplasmic (EC 6.1.1.10) (Methionyl-tRNA synthetase) (MetRS) |
| ITA1\_HUMAN | Integrin alpha-1 (CD49 antigen-like family member A) (Laminin and collagen receptor) (VLA-1) (CD antigen CD49a) |
| ARP19\_HUMAN | cAMP-regulated phosphoprotein 19 (ARPP-19) |
| CMC4\_HUMAN | Cx9C motif-containing protein 4 (Mature T-cell proliferation 1 neighbor protein) (Mature T-cell proliferation-1 type A) (MTCP-1 type A) (Protein p8 MTCP-1) (p8MTCP1) |
| 68MP\_HUMAN | 6.8 kDa mitochondrial proteolipid |
| ATP5E\_HUMAN | ATP synthase subunit epsilon, mitochondrial (ATPase subunit epsilon) |
| ATP5I\_HUMAN | ATP synthase subunit e, mitochondrial (ATPase subunit e) |
| LEG4\_HUMAN | Galectin-4 (Gal-4) (Antigen NY-CO-27) (L-36 lactose-binding protein) (L36LBP) (Lactose-binding lectin 4) |
| HDAC4\_HUMAN | Histone deacetylase 4 (HD4) (EC 3.5.1.98) |
| IF6\_HUMAN | Eukaryotic translation initiation factor 6 (eIF-6) (B(2)GCN homolog) (B4 integrin interactor) (CAB) (p27(BBP)) |
| CAV3\_HUMAN | Caveolin-3 (M-caveolin) |
| NDUA6\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 (Complex I-B14) (CI-B14) (LYR motif-containing protein 6) (NADH-ubiquinone oxidoreductase B14 subunit) |
| NETR\_HUMAN | Neurotrypsin (EC 3.4.21.-) (Leydin) (Motopsin) (Serine protease 12) |
| STX17\_HUMAN | Syntaxin-17 |
| H2BFS\_HUMAN | Histone H2B type F-S (Histone H2B.s) (H2B/s) |
| CU059\_HUMAN | UPF0769 protein C21orf59 |
| TMM33\_HUMAN | Transmembrane protein 33 (Protein DB83) |
| SYJ2B\_HUMAN | Synaptojanin-2-binding protein (Mitochondrial outer membrane protein 25) |
| PCBP4\_HUMAN | Poly(rC)-binding protein 4 (Alpha-CP4) |
| CORO7\_HUMAN | Coronin-7 (Crn7) (70 kDa WD repeat tumor rejection antigen homolog) |
| SELB\_HUMAN | Selenocysteine-specific elongation factor (Elongation factor sec) (Eukaryotic elongation factor, selenocysteine-tRNA-specific) |
| EPIPL\_HUMAN | Epiplakin (450 kDa epidermal antigen) |
| MTPN\_HUMAN | Myotrophin (Protein V-1) |
| H2B1D\_HUMAN | Histone H2B type 1-D (HIRA-interacting protein 2) (Histone H2B.1 B) (Histone H2B.b) (H2B/b) |
| NAL12\_HUMAN | NACHT, LRR and PYD domains-containing protein 12 (Monarch-1) (PYRIN-containing APAF1-like protein 7) (Regulated by nitric oxide) |
| CHM4P\_HUMAN | Putative charged multivesicular body protein 4B-like protein CHMP4BP1 (Charged multivesicular body protein 4B pseudogene 1) |
| RAB15\_HUMAN | Ras-related protein Rab-15 |
| TPPP2\_HUMAN | Tubulin polymerization-promoting protein family member 2 (Protein p25-beta) (TPPP/p18) |
| DEF1\_HUMAN | Neutrophil defensin 1 (Defensin, alpha 1) (HNP-1) (HP-1) (HP1) [Cleaved into: HP 1-56; Neutrophil defensin 2 (HNP-2) (HP-2) (HP2)] |
| ARPC4\_HUMAN | Actin-related protein 2/3 complex subunit 4 (Arp2/3 complex 20 kDa subunit) (p20-ARC) |
| CD81\_HUMAN | CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) (CD antigen CD81) |
| TPIS\_HUMAN | Triosephosphate isomerase (TIM) (EC 5.3.1.1) (Triose-phosphate isomerase) |
| MYPR\_HUMAN | Myelin proteolipid protein (PLP) (Lipophilin) |
| EIF3E\_HUMAN | Eukaryotic translation initiation factor 3 subunit E (eIF3e) (Eukaryotic translation initiation factor 3 subunit 6) (Viral integration site protein INT-6 homolog) (eIF-3 p48) |
| SC61B\_HUMAN | Protein transport protein Sec61 subunit beta |
| GBRL2\_HUMAN | Gamma-aminobutyric acid receptor-associated protein-like 2 (GABA(A) receptor-associated protein-like 2) (Ganglioside expression factor 2) (GEF-2) (General protein transport factor p16) (Golgi-associated ATPase enhancer of 16 kDa) (GATE-16) (MAP1 light chain 3-related protein) |
| ROMO1\_HUMAN | Reactive oxygen species modulator 1 (ROS modulator 1) (Epididymis tissue protein Li 175) (Glyrichin) (Mitochondrial targeting GxxxG motif protein) (MTGM) (Protein MGR2 homolog) |
| MYL6\_HUMAN | Myosin light polypeptide 6 (17 kDa myosin light chain) (LC17) (Myosin light chain 3) (MLC-3) (Myosin light chain alkali 3) (Myosin light chain A3) (Smooth muscle and nonmuscle myosin light chain alkali 6) |
| ACTB\_HUMAN | Actin, cytoplasmic 1 (Beta-actin) [Cleaved into: Actin, cytoplasmic 1, N-terminally processed] |
| IF4A1\_HUMAN | Eukaryotic initiation factor 4A-I (eIF-4A-I) (eIF4A-I) (EC 3.6.4.13) (ATP-dependent RNA helicase eIF4A-1) |
| RS20\_HUMAN | 40S ribosomal protein S20 |
| PRPS1\_HUMAN | Ribose-phosphate pyrophosphokinase 1 (EC 2.7.6.1) (PPRibP) (Phosphoribosyl pyrophosphate synthase I) (PRS-I) |
| PSA6\_HUMAN | Proteasome subunit alpha type-6 (EC 3.4.25.1) (27 kDa prosomal protein) (PROS-27) (p27K) (Macropain iota chain) (Multicatalytic endopeptidase complex iota chain) (Proteasome iota chain) |
| S10AA\_HUMAN | Protein S100-A10 (Calpactin I light chain) (Calpactin-1 light chain) (Cellular ligand of annexin II) (S100 calcium-binding protein A10) (p10 protein) (p11) |
| CDC42\_HUMAN | Cell division control protein 42 homolog (G25K GTP-binding protein) |
| DEST\_HUMAN | Destrin (Actin-depolymerizing factor) (ADF) |
| GMFB\_HUMAN | Glia maturation factor beta (GMF-beta) |
| RAB8A\_HUMAN | Ras-related protein Rab-8A (Oncogene c-mel) |
| SPCS3\_HUMAN | Signal peptidase complex subunit 3 (EC 3.4.-.-) (Microsomal signal peptidase 22/23 kDa subunit) (SPC22/23) (SPase 22/23 kDa subunit) |
| SRP54\_HUMAN | Signal recognition particle 54 kDa protein (SRP54) |
| RAB2A\_HUMAN | Ras-related protein Rab-2A |
| RAB5B\_HUMAN | Ras-related protein Rab-5B |
| RAB10\_HUMAN | Ras-related protein Rab-10 |
| UB2D3\_HUMAN | Ubiquitin-conjugating enzyme E2 D3 (EC 2.3.2.23) ((E3-independent) E2 ubiquitin-conjugating enzyme D3) (EC 2.3.2.24) (E2 ubiquitin-conjugating enzyme D3) (Ubiquitin carrier protein D3) (Ubiquitin-conjugating enzyme E2(17)KB 3) (Ubiquitin-conjugating enzyme E2-17 kDa 3) (Ubiquitin-protein ligase D3) |
| UBC12\_HUMAN | NEDD8-conjugating enzyme Ubc12 (EC 6.3.2.-) (NEDD8 carrier protein) (NEDD8 protein ligase) (Ubiquitin-conjugating enzyme E2 M) |
| UBE2K\_HUMAN | Ubiquitin-conjugating enzyme E2 K (EC 6.3.2.19) (Huntingtin-interacting protein 2) (HIP-2) (Ubiquitin carrier protein) (Ubiquitin-conjugating enzyme E2-25 kDa) (Ubiquitin-conjugating enzyme E2(25K)) (Ubiquitin-conjugating enzyme E2-25K) (Ubiquitin-protein ligase) |
| UBE2N\_HUMAN | Ubiquitin-conjugating enzyme E2 N (EC 6.3.2.19) (Bendless-like ubiquitin-conjugating enzyme) (Ubc13) (UbcH13) (Ubiquitin carrier protein N) (Ubiquitin-protein ligase N) |
| RAB14\_HUMAN | Ras-related protein Rab-14 |
| ARP3\_HUMAN | Actin-related protein 3 (Actin-like protein 3) |
| ARP2\_HUMAN | Actin-related protein 2 (Actin-like protein 2) |
| ACTZ\_HUMAN | Alpha-centractin (Centractin) (ARP1) (Actin-RPV) (Centrosome-associated actin homolog) |
| CSN2\_HUMAN | COP9 signalosome complex subunit 2 (SGN2) (Signalosome subunit 2) (Alien homolog) (JAB1-containing signalosome subunit 2) (Thyroid receptor-interacting protein 15) (TR-interacting protein 15) (TRIP-15) |
| ARF3\_HUMAN | ADP-ribosylation factor 3 |
| ABCE1\_HUMAN | ATP-binding cassette sub-family E member 1 (2'-5'-oligoadenylate-binding protein) (HuHP68) (RNase L inhibitor) (Ribonuclease 4 inhibitor) (RNS4I) |
| RAP1B\_HUMAN | Ras-related protein Rap-1b (GTP-binding protein smg p21B) |
| RAP2B\_HUMAN | Ras-related protein Rap-2b |
| MAX\_HUMAN | Protein max (Class D basic helix-loop-helix protein 4) (bHLHd4) (Myc-associated factor X) |
| RS3A\_HUMAN | 40S ribosomal protein S3a (v-fos transformation effector protein) (Fte-1) |
| RL26\_HUMAN | 60S ribosomal protein L26 |
| RL15\_HUMAN | 60S ribosomal protein L15 |
| MGN\_HUMAN | Protein mago nashi homolog |
| RL27\_HUMAN | 60S ribosomal protein L27 |
| PHS\_HUMAN | Pterin-4-alpha-carbinolamine dehydratase (PHS) (EC 4.2.1.96) (4-alpha-hydroxy-tetrahydropterin dehydratase) (Dimerization cofactor of hepatocyte nuclear factor 1-alpha) (DCoH) (Dimerization cofactor of HNF1) (Phenylalanine hydroxylase-stimulating protein) (Pterin carbinolamine dehydratase) (PCD) |
| RL37A\_HUMAN | 60S ribosomal protein L37a |
| RHOA\_HUMAN | Transforming protein RhoA (Rho cDNA clone 12) (h12) |
| NCALD\_HUMAN | Neurocalcin-delta |
| CH10\_HUMAN | 10 kDa heat shock protein, mitochondrial (Hsp10) (10 kDa chaperonin) (Chaperonin 10) (CPN10) (Early-pregnancy factor) (EPF) |
| S61A1\_HUMAN | Protein transport protein Sec61 subunit alpha isoform 1 (Sec61 alpha-1) |
| LYSC\_HUMAN | Lysozyme C (EC 3.2.1.17) (1,4-beta-N-acetylmuramidase C) |
| PFD3\_HUMAN | Prefoldin subunit 3 (HIBBJ46) (Von Hippel-Lindau-binding protein 1) (VBP-1) (VHL-binding protein 1) |
| B2MG\_HUMAN | Beta-2-microglobulin [Cleaved into: Beta-2-microglobulin form pI 5.3] |
| DAD1\_HUMAN | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 (Oligosaccharyl transferase subunit DAD1) (EC 2.4.99.18) (Defender against cell death 1) (DAD-1) |
| NPC2\_HUMAN | Epididymal secretory protein E1 (Human epididymis-specific protein 1) (He1) (Niemann-Pick disease type C2 protein) |
| COPZ1\_HUMAN | Coatomer subunit zeta-1 (Zeta-1-coat protein) (Zeta-1 COP) |
| IPKA\_HUMAN | cAMP-dependent protein kinase inhibitor alpha (PKI-alpha) (cAMP-dependent protein kinase inhibitor, muscle/brain isoform) |
| RL37\_HUMAN | 60S ribosomal protein L37 (G1.16) |
| SUMO2\_HUMAN | Small ubiquitin-related modifier 2 (SUMO-2) (HSMT3) (SMT3 homolog 2) (SUMO-3) (Sentrin-2) (Ubiquitin-like protein SMT3B) (Smt3B) |
| UFM1\_HUMAN | Ubiquitin-fold modifier 1 |
| DCAF7\_HUMAN | DDB1- and CUL4-associated factor 7 (WD repeat-containing protein 68) (WD repeat-containing protein An11 homolog) |
| AP1S1\_HUMAN | AP-1 complex subunit sigma-1A (Adaptor protein complex AP-1 subunit sigma-1A) (Adaptor-related protein complex 1 subunit sigma-1A) (Clathrin assembly protein complex 1 sigma-1A small chain) (Clathrin coat assembly protein AP19) (Golgi adaptor HA1/AP1 adaptin sigma-1A subunit) (HA1 19 kDa subunit) (Sigma 1a subunit of AP-1 clathrin) (Sigma-adaptin 1A) (Sigma1A-adaptin) |
| NTF2\_HUMAN | Nuclear transport factor 2 (NTF-2) (Placental protein 15) (PP15) |
| HNRPK\_HUMAN | Heterogeneous nuclear ribonucleoprotein K (hnRNP K) (Transformation up-regulated nuclear protein) (TUNP) |
| 1433G\_HUMAN | 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [Cleaved into: 14-3-3 protein gamma, N-terminally processed] |
| RRAS2\_HUMAN | Ras-related protein R-Ras2 (Ras-like protein TC21) (Teratocarcinoma oncogene) |
| TIM10\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim10 |
| RS7\_HUMAN | 40S ribosomal protein S7 |
| PP1A\_HUMAN | Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (PP-1A) (EC 3.1.3.16) |
| PP1B\_HUMAN | Serine/threonine-protein phosphatase PP1-beta catalytic subunit (PP-1B) (PPP1CD) (EC 3.1.3.16) (EC 3.1.3.53) |
| CALM\_HUMAN | Calmodulin (CaM) |
| PRS4\_HUMAN | 26S protease regulatory subunit 4 (P26s4) (26S proteasome AAA-ATPase subunit RPT2) (Proteasome 26S subunit ATPase 1) |
| PRS8\_HUMAN | 26S protease regulatory subunit 8 (26S proteasome AAA-ATPase subunit RPT6) (Proteasome 26S subunit ATPase 5) (Proteasome subunit p45) (Thyroid hormone receptor-interacting protein 1) (TRIP1) (p45/SUG) |
| RS8\_HUMAN | 40S ribosomal protein S8 |
| RS15A\_HUMAN | 40S ribosomal protein S15a |
| RS16\_HUMAN | 40S ribosomal protein S16 |
| UB2G1\_HUMAN | Ubiquitin-conjugating enzyme E2 G1 (EC 2.3.2.23) (E2 ubiquitin-conjugating enzyme G1) (E217K) (UBC7) (Ubiquitin carrier protein G1) (Ubiquitin-protein ligase G1) [Cleaved into: Ubiquitin-conjugating enzyme E2 G1, N-terminally processed] |
| UBE2H\_HUMAN | Ubiquitin-conjugating enzyme E2 H (EC 6.3.2.19) (UbcH2) (Ubiquitin carrier protein H) (Ubiquitin-conjugating enzyme E2-20K) (Ubiquitin-protein ligase H) |
| 1433E\_HUMAN | 14-3-3 protein epsilon (14-3-3E) |
| RS14\_HUMAN | 40S ribosomal protein S14 |
| RS23\_HUMAN | 40S ribosomal protein S23 |
| RS18\_HUMAN | 40S ribosomal protein S18 (Ke-3) (Ke3) |
| RS29\_HUMAN | 40S ribosomal protein S29 |
| RS13\_HUMAN | 40S ribosomal protein S13 |
| RS11\_HUMAN | 40S ribosomal protein S11 |
| RUXE\_HUMAN | Small nuclear ribonucleoprotein E (snRNP-E) (Sm protein E) (Sm-E) (SmE) |
| RUXF\_HUMAN | Small nuclear ribonucleoprotein F (snRNP-F) (Sm protein F) (Sm-F) (SmF) |
| RUXG\_HUMAN | Small nuclear ribonucleoprotein G (snRNP-G) (Sm protein G) (Sm-G) (SmG) |
| LSM6\_HUMAN | U6 snRNA-associated Sm-like protein LSm6 |
| SMD1\_HUMAN | Small nuclear ribonucleoprotein Sm D1 (Sm-D1) (Sm-D autoantigen) (snRNP core protein D1) |
| SMD2\_HUMAN | Small nuclear ribonucleoprotein Sm D2 (Sm-D2) (snRNP core protein D2) |
| SMD3\_HUMAN | Small nuclear ribonucleoprotein Sm D3 (Sm-D3) (snRNP core protein D3) |
| TYB4\_HUMAN | Thymosin beta-4 (T beta-4) (Fx) [Cleaved into: Hematopoietic system regulatory peptide (Seraspenide)] |
| ARF6\_HUMAN | ADP-ribosylation factor 6 |
| PRS10\_HUMAN | 26S protease regulatory subunit 10B (26S proteasome AAA-ATPase subunit RPT4) (Proteasome 26S subunit ATPase 6) (Proteasome subunit p42) |
| RL7A\_HUMAN | 60S ribosomal protein L7a (PLA-X polypeptide) (Surfeit locus protein 3) |
| RPB7\_HUMAN | DNA-directed RNA polymerase II subunit RPB7 (RNA polymerase II subunit B7) (DNA-directed RNA polymerase II subunit G) (RNA polymerase II 19 kDa subunit) (RPB19) |
| RB11A\_HUMAN | Ras-related protein Rab-11A (Rab-11) (YL8) |
| ERF1\_HUMAN | Eukaryotic peptide chain release factor subunit 1 (Eukaryotic release factor 1) (eRF1) (Protein Cl1) (TB3-1) |
| CNBP\_HUMAN | Cellular nucleic acid-binding protein (CNBP) (Zinc finger protein 9) |
| RS4X\_HUMAN | 40S ribosomal protein S4, X isoform (SCR10) (Single copy abundant mRNA protein) |
| PP2AB\_HUMAN | Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform (PP2A-beta) (EC 3.1.3.16) |
| ACTA\_HUMAN | Actin, aortic smooth muscle (Alpha-actin-2) (Cell growth-inhibiting gene 46 protein) |
| RL23A\_HUMAN | 60S ribosomal protein L23a |
| RS6\_HUMAN | 40S ribosomal protein S6 (Phosphoprotein NP33) |
| H4\_HUMAN | Histone H4 |
| H2B1C\_HUMAN | Histone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B.a) (H2B/a) (Histone H2B.g) (H2B/g) (Histone H2B.h) (H2B/h) (Histone H2B.k) (H2B/k) (Histone H2B.l) (H2B/l) |
| RAB1A\_HUMAN | Ras-related protein Rab-1A (YPT1-related protein) |
| RAN\_HUMAN | GTP-binding nuclear protein Ran (Androgen receptor-associated protein 24) (GTPase Ran) (Ras-like protein TC4) (Ras-related nuclear protein) |
| RL23\_HUMAN | 60S ribosomal protein L23 (60S ribosomal protein L17) |
| RAP1A\_HUMAN | Ras-related protein Rap-1A (C21KG) (G-22K) (GTP-binding protein smg p21A) (Ras-related protein Krev-1) |
| UB2D2\_HUMAN | Ubiquitin-conjugating enzyme E2 D2 (EC 6.3.2.19) (Ubiquitin carrier protein D2) (Ubiquitin-conjugating enzyme E2(17)KB 2) (Ubiquitin-conjugating enzyme E2-17 kDa 2) (Ubiquitin-protein ligase D2) (p53-regulated ubiquitin-conjugating enzyme 1) |
| RS15\_HUMAN | 40S ribosomal protein S15 (RIG protein) |
| RS24\_HUMAN | 40S ribosomal protein S24 |
| RS25\_HUMAN | 40S ribosomal protein S25 |
| RS26\_HUMAN | 40S ribosomal protein S26 |
| RS28\_HUMAN | 40S ribosomal protein S28 |
| RS30\_HUMAN | 40S ribosomal protein S30 |
| GBB1\_HUMAN | Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 (Transducin beta chain 1) |
| RBX1\_HUMAN | E3 ubiquitin-protein ligase RBX1 (EC 6.3.2.-) (Protein ZYP) (RING finger protein 75) (RING-box protein 1) (Rbx1) (Regulator of cullins 1) [Cleaved into: E3 ubiquitin-protein ligase RBX1, N-terminally processed] |
| GBB2\_HUMAN | Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 (G protein subunit beta-2) (Transducin beta chain 2) |
| RL30\_HUMAN | 60S ribosomal protein L30 |
| RL31\_HUMAN | 60S ribosomal protein L31 |
| RL10A\_HUMAN | 60S ribosomal protein L10a (CSA-19) (Neural precursor cell expressed developmentally down-regulated protein 6) (NEDD-6) |
| RL32\_HUMAN | 60S ribosomal protein L32 |
| RL11\_HUMAN | 60S ribosomal protein L11 (CLL-associated antigen KW-12) |
| RL8\_HUMAN | 60S ribosomal protein L8 |
| PPIA\_HUMAN | Peptidyl-prolyl cis-trans isomerase A (PPIase A) (EC 5.2.1.8) (Cyclophilin A) (Cyclosporin A-binding protein) (Rotamase A) [Cleaved into: Peptidyl-prolyl cis-trans isomerase A, N-terminally processed] |
| FKB1A\_HUMAN | Peptidyl-prolyl cis-trans isomerase FKBP1A (PPIase FKBP1A) (EC 5.2.1.8) (12 kDa FK506-binding protein) (12 kDa FKBP) (FKBP-12) (Calstabin-1) (FK506-binding protein 1A) (FKBP-1A) (Immunophilin FKBP12) (Rotamase) |
| RS27A\_HUMAN | Ubiquitin-40S ribosomal protein S27a (Ubiquitin carboxyl extension protein 80) [Cleaved into: Ubiquitin; 40S ribosomal protein S27a] |
| RL40\_HUMAN | Ubiquitin-60S ribosomal protein L40 (CEP52) (Ubiquitin A-52 residue ribosomal protein fusion product 1) [Cleaved into: Ubiquitin; 60S ribosomal protein L40] |
| GRB2\_HUMAN | Growth factor receptor-bound protein 2 (Adapter protein GRB2) (Protein Ash) (SH2/SH3 adapter GRB2) |
| TRA2B\_HUMAN | Transformer-2 protein homolog beta (TRA-2 beta) (TRA2-beta) (hTRA2-beta) (Splicing factor, arginine/serine-rich 10) (Transformer-2 protein homolog B) |
| RAC1\_HUMAN | Ras-related C3 botulinum toxin substrate 1 (Cell migration-inducing gene 5 protein) (Ras-like protein TC25) (p21-Rac1) |
| AP2B1\_HUMAN | AP-2 complex subunit beta (AP105B) (Adaptor protein complex AP-2 subunit beta) (Adaptor-related protein complex 2 subunit beta) (Beta-2-adaptin) (Beta-adaptin) (Clathrin assembly protein complex 2 beta large chain) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) |
| VAMP2\_HUMAN | Vesicle-associated membrane protein 2 (VAMP-2) (Synaptobrevin-2) |
| GNAI1\_HUMAN | Guanine nucleotide-binding protein G(i) subunit alpha-1 (Adenylate cyclase-inhibiting G alpha protein) |
| CANB1\_HUMAN | Calcineurin subunit B type 1 (Protein phosphatase 2B regulatory subunit 1) (Protein phosphatase 3 regulatory subunit B alpha isoform 1) |
| 1433Z\_HUMAN | 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) |
| POK25\_HUMAN | Endogenous retrovirus group K member 25 Pol protein (HERV-K\_11q22.1 provirus ancestral Pol protein) [Includes: Reverse transcriptase (RT) (EC 2.7.7.49); Ribonuclease H (RNase H) (EC 3.1.26.4); Integrase (IN)] |
| UBE2B\_HUMAN | Ubiquitin-conjugating enzyme E2 B (EC 6.3.2.19) (RAD6 homolog B) (HR6B) (hHR6B) (Ubiquitin carrier protein B) (Ubiquitin-conjugating enzyme E2-17 kDa) (Ubiquitin-protein ligase B) |
| 2ABA\_HUMAN | Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform (PP2A subunit B isoform B55-alpha) (PP2A subunit B isoform PR55-alpha) (PP2A subunit B isoform R2-alpha) (PP2A subunit B isoform alpha) |
| SUMO1\_HUMAN | Small ubiquitin-related modifier 1 (SUMO-1) (GAP-modifying protein 1) (GMP1) (SMT3 homolog 3) (Sentrin) (Ubiquitin-homology domain protein PIC1) (Ubiquitin-like protein SMT3C) (Smt3C) (Ubiquitin-like protein UBL1) |
| DYL1\_HUMAN | Dynein light chain 1, cytoplasmic (8 kDa dynein light chain) (DLC8) (Dynein light chain LC8-type 1) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) |
| DYLT1\_HUMAN | Dynein light chain Tctex-type 1 (Protein CW-1) (T-complex testis-specific protein 1 homolog) |
| RL38\_HUMAN | 60S ribosomal protein L38 |
| SKP1\_HUMAN | S-phase kinase-associated protein 1 (Cyclin-A/CDK2-associated protein p19) (p19A) (Organ of Corti protein 2) (OCP-2) (Organ of Corti protein II) (OCP-II) (RNA polymerase II elongation factor-like protein) (SIII) (Transcription elongation factor B polypeptide 1-like) (p19skp1) |
| GBG5\_HUMAN | Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5 |
| RS21\_HUMAN | 40S ribosomal protein S21 |
| IF5A1\_HUMAN | Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (Rev-binding factor) (eIF-4D) |
| GBLP\_HUMAN | Guanine nucleotide-binding protein subunit beta-2-like 1 (Cell proliferation-inducing gene 21 protein) (Guanine nucleotide-binding protein subunit beta-like protein 12.3) (Human lung cancer oncogene 7 protein) (HLC-7) (Receptor for activated C kinase) (Receptor of activated protein kinase C 1) (RACK1) [Cleaved into: Guanine nucleotide-binding protein subunit beta-2-like 1, N-terminally processed] |
| ACTG\_HUMAN | Actin, cytoplasmic 2 (Gamma-actin) [Cleaved into: Actin, cytoplasmic 2, N-terminally processed] |
| ACTH\_HUMAN | Actin, gamma-enteric smooth muscle (Alpha-actin-3) (Gamma-2-actin) (Smooth muscle gamma-actin) |
| UBC9\_HUMAN | SUMO-conjugating enzyme UBC9 (EC 6.3.2.-) (SUMO-protein ligase) (Ubiquitin carrier protein 9) (Ubiquitin carrier protein I) (Ubiquitin-conjugating enzyme E2 I) (Ubiquitin-protein ligase I) (p18) |
| SELW\_HUMAN | Selenoprotein W (SelW) |
| TYB10\_HUMAN | Thymosin beta-10 |
| TNNC1\_HUMAN | Troponin C, slow skeletal and cardiac muscles (TN-C) |
| PP2AA\_HUMAN | Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform (PP2A-alpha) (EC 3.1.3.16) (Replication protein C) (RP-C) |
| YBOX1\_HUMAN | Nuclease-sensitive element-binding protein 1 (CCAAT-binding transcription factor I subunit A) (CBF-A) (DNA-binding protein B) (DBPB) (Enhancer factor I subunit A) (EFI-A) (Y-box transcription factor) (Y-box-binding protein 1) (YB-1) |
| SC11A\_HUMAN | Signal peptidase complex catalytic subunit SEC11A (EC 3.4.21.89) (Endopeptidase SP18) (Microsomal signal peptidase 18 kDa subunit) (SPase 18 kDa subunit) (SEC11 homolog A) (SEC11-like protein 1) (SPC18) |
| CSK2B\_HUMAN | Casein kinase II subunit beta (CK II beta) (Phosvitin) (Protein G5a) |
| TPM4\_HUMAN | Tropomyosin alpha-4 chain (TM30p1) (Tropomyosin-4) |
| ACTC\_HUMAN | Actin, alpha cardiac muscle 1 (Alpha-cardiac actin) |
| UB2L3\_HUMAN | Ubiquitin-conjugating enzyme E2 L3 (EC 6.3.2.19) (L-UBC) (UbcH7) (Ubiquitin carrier protein L3) (Ubiquitin-conjugating enzyme E2-F1) (Ubiquitin-protein ligase L3) |
| EF1A1\_HUMAN | Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor Tu) (EF-Tu) (Eukaryotic elongation factor 1 A-1) (eEF1A-1) (Leukocyte receptor cluster member 7) |
| ACTS\_HUMAN | Actin, alpha skeletal muscle (Alpha-actin-1) |
| TBA1B\_HUMAN | Tubulin alpha-1B chain (Alpha-tubulin ubiquitous) (Tubulin K-alpha-1) (Tubulin alpha-ubiquitous chain) |
| TBA4A\_HUMAN | Tubulin alpha-4A chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) (Tubulin alpha-1 chain) |
| TBB4B\_HUMAN | Tubulin beta-4B chain (Tubulin beta-2 chain) (Tubulin beta-2C chain) |
| CSK21\_HUMAN | Casein kinase II subunit alpha (CK II alpha) (EC 2.7.11.1) |
| PA1B2\_HUMAN | Platelet-activating factor acetylhydrolase IB subunit beta (EC 3.1.1.47) (PAF acetylhydrolase 30 kDa subunit) (PAF-AH 30 kDa subunit) (PAF-AH subunit beta) (PAFAH subunit beta) |
| H31\_HUMAN | Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone H3/h) (Histone H3/i) (Histone H3/j) (Histone H3/k) (Histone H3/l) |
| HBB\_HUMAN | Hemoglobin subunit beta (Beta-globin) (Hemoglobin beta chain) [Cleaved into: LVV-hemorphin-7; Spinorphin] |
| HBG1\_HUMAN | Hemoglobin subunit gamma-1 (Gamma-1-globin) (Hb F Agamma) (Hemoglobin gamma-1 chain) (Hemoglobin gamma-A chain) |
| HBG2\_HUMAN | Hemoglobin subunit gamma-2 (Gamma-2-globin) (Hb F Ggamma) (Hemoglobin gamma-2 chain) (Hemoglobin gamma-G chain) |
| HBA\_HUMAN | Hemoglobin subunit alpha (Alpha-globin) (Hemoglobin alpha chain) |
| IGBP1\_HUMAN | Immunoglobulin-binding protein 1 (B-cell signal transduction molecule alpha 4) (Protein alpha-4) (CD79a-binding protein 1) (Protein phosphatase 2/4/6 regulatory subunit) (Renal carcinoma antigen NY-REN-16) |
| IF4G2\_HUMAN | Eukaryotic translation initiation factor 4 gamma 2 (eIF-4-gamma 2) (eIF-4G 2) (eIF4G 2) (Death-associated protein 5) (DAP-5) (p97) |
| GTF2I\_HUMAN | General transcription factor II-I (GTFII-I) (TFII-I) (Bruton tyrosine kinase-associated protein 135) (BAP-135) (BTK-associated protein 135) (SRF-Phox1-interacting protein) (SPIN) (Williams-Beuren syndrome chromosomal region 6 protein) |
| PI42B\_HUMAN | Phosphatidylinositol 5-phosphate 4-kinase type-2 beta (EC 2.7.1.149) (1-phosphatidylinositol 5-phosphate 4-kinase 2-beta) (Diphosphoinositide kinase 2-beta) (Phosphatidylinositol 5-phosphate 4-kinase type II beta) (PI(5)P 4-kinase type II beta) (PIP4KII-beta) (PtdIns(5)P-4-kinase isoform 2-beta) |
| TCPB\_HUMAN | T-complex protein 1 subunit beta (TCP-1-beta) (CCT-beta) |
| KRT83\_HUMAN | Keratin, type II cuticular Hb3 (Hair keratin K2.10) (Keratin-83) (K83) (Type II hair keratin Hb3) (Type-II keratin Kb23) |
| KRT85\_HUMAN | Keratin, type II cuticular Hb5 (Hair keratin K2.12) (Keratin-85) (K85) (Type II hair keratin Hb5) (Type-II keratin Kb25) |
| RAE1L\_HUMAN | mRNA export factor (Rae1 protein homolog) (mRNA-associated protein mrnp 41) |
| GSTO1\_HUMAN | Glutathione S-transferase omega-1 (GSTO-1) (EC 2.5.1.18) (Glutathione S-transferase omega 1-1) (GSTO 1-1) (Glutathione-dependent dehydroascorbate reductase) (EC 1.8.5.1) (Monomethylarsonic acid reductase) (MMA(V) reductase) (EC 1.20.4.2) (S-(Phenacyl)glutathione reductase) (SPG-R) |
| PRKDC\_HUMAN | DNA-dependent protein kinase catalytic subunit (DNA-PK catalytic subunit) (DNA-PKcs) (EC 2.7.11.1) (DNPK1) (p460) |
| ADA17\_HUMAN | Disintegrin and metalloproteinase domain-containing protein 17 (ADAM 17) (EC 3.4.24.86) (Snake venom-like protease) (TNF-alpha convertase) (TNF-alpha-converting enzyme) (CD antigen CD156b) |
| MAP1A\_HUMAN | Microtubule-associated protein 1A (MAP-1A) (Proliferation-related protein p80) [Cleaved into: MAP1A heavy chain; MAP1 light chain LC2] |
| CRADD\_HUMAN | Death domain-containing protein CRADD (Caspase and RIP adapter with death domain) (RIP-associated protein with a death domain) |
| IN35\_HUMAN | Interferon-induced 35 kDa protein (IFP 35) (Ifi-35) |
| BASP1\_HUMAN | Brain acid soluble protein 1 (22 kDa neuronal tissue-enriched acidic protein) (Neuronal axonal membrane protein NAP-22) |
| DCD\_HUMAN | Dermcidin (EC 3.4.-.-) (Preproteolysin) [Cleaved into: Survival-promoting peptide; DCD-1] |
| BAT1\_HUMAN | b(0,+)-type amino acid transporter 1 (b(0,+)AT1) (Glycoprotein-associated amino acid transporter b0,+AT1) (Solute carrier family 7 member 9) |
| RT22\_HUMAN | 28S ribosomal protein S22, mitochondrial (MRP-S22) (S22mt) |
| RT25\_HUMAN | 28S ribosomal protein S25, mitochondrial (MRP-S25) (S25mt) |
| RT10\_HUMAN | 28S ribosomal protein S10, mitochondrial (MRP-S10) (S10mt) |
| RT35\_HUMAN | 28S ribosomal protein S35, mitochondrial (MRP-S35) (S35mt) (28S ribosomal protein S28, mitochondrial) (MRP-S28) (S28mt) |
| RT05\_HUMAN | 28S ribosomal protein S5, mitochondrial (MRP-S5) (S5mt) |
| RT36\_HUMAN | 28S ribosomal protein S36, mitochondrial (MRP-S36) (S36mt) |
| RT11\_HUMAN | 28S ribosomal protein S11, mitochondrial (MRP-S11) (S11mt) (Cervical cancer proto-oncogene 2 protein) (HCC-2) |
| RT15\_HUMAN | 28S ribosomal protein S15, mitochondrial (MRP-S15) (S15mt) |
| RT21\_HUMAN | 28S ribosomal protein S21, mitochondrial (MRP-S21) (S21mt) |
| RT34\_HUMAN | 28S ribosomal protein S34, mitochondrial (MRP-S34) (S34mt) |
| RT06\_HUMAN | 28S ribosomal protein S6, mitochondrial (MRP-S6) (S6mt) |
| RT09\_HUMAN | 28S ribosomal protein S9, mitochondrial (MRP-S9) (S9mt) |
| HMGN5\_HUMAN | High mobility group nucleosome-binding domain-containing protein 5 (Nucleosome-binding protein 1) |
| SARNP\_HUMAN | SAP domain-containing ribonucleoprotein (Cytokine-induced protein of 29 kDa) (Nuclear protein Hcc-1) (Proliferation-associated cytokine-inducible protein CIP29) |
| LACTB\_HUMAN | Serine beta-lactamase-like protein LACTB, mitochondrial (EC 3.4.-.-) |
| RL24\_HUMAN | 60S ribosomal protein L24 (60S ribosomal protein L30) |
| RL36A\_HUMAN | 60S ribosomal protein L36a (60S ribosomal protein L44) (Cell growth-inhibiting gene 15 protein) (Cell migration-inducing gene 6 protein) |
| CBX1\_HUMAN | Chromobox protein homolog 1 (HP1Hsbeta) (Heterochromatin protein 1 homolog beta) (HP1 beta) (Heterochromatin protein p25) (M31) (Modifier 1 protein) (p25beta) |
| ARF1\_HUMAN | ADP-ribosylation factor 1 |
| ARF5\_HUMAN | ADP-ribosylation factor 5 |
| ERH\_HUMAN | Enhancer of rudimentary homolog |
| RHOG\_HUMAN | Rho-related GTP-binding protein RhoG |
| RL19\_HUMAN | 60S ribosomal protein L19 |
| SERF2\_HUMAN | Small EDRK-rich factor 2 (Gastric cancer-related protein VRG107) (Protein 4F5-related) (4F5rel) (h4F5rel) |
| SRSF3\_HUMAN | Serine/arginine-rich splicing factor 3 (Pre-mRNA-splicing factor SRP20) (Splicing factor, arginine/serine-rich 3) |
| MXRA7\_HUMAN | Matrix-remodeling-associated protein 7 (Transmembrane anchor protein 1) |
| H33\_HUMAN | Histone H3.3 |
| FBLN2\_HUMAN | Fibulin-2 (FIBL-2) |
| PGBM\_HUMAN | Basement membrane-specific heparan sulfate proteoglycan core protein (HSPG) (Perlecan) (PLC) [Cleaved into: Endorepellin; LG3 peptide] |
| RBM10\_HUMAN | RNA-binding protein 10 (G patch domain-containing protein 9) (RNA-binding motif protein 10) (RNA-binding protein S1-1) (S1-1) |
| RBM3\_HUMAN | RNA-binding protein 3 (RNA-binding motif protein 3) (RNPL) |
| AT8B2\_HUMAN | Phospholipid-transporting ATPase ID (EC 3.6.3.1) (ATPase class I type 8B member 2) (P4-ATPase flippase complex alpha subunit ATP8B2) |
| CYC\_HUMAN | Cytochrome c |
| EM55\_HUMAN | 55 kDa erythrocyte membrane protein (p55) (Membrane protein, palmitoylated 1) |
| TFAM\_HUMAN | Transcription factor A, mitochondrial (mtTFA) (Mitochondrial transcription factor 1) (MtTF1) (Transcription factor 6) (TCF-6) (Transcription factor 6-like 2) |
| PIPNA\_HUMAN | Phosphatidylinositol transfer protein alpha isoform (PI-TP-alpha) (PtdIns transfer protein alpha) (PtdInsTP alpha) |
| METK1\_HUMAN | S-adenosylmethionine synthase isoform type-1 (AdoMet synthase 1) (EC 2.5.1.6) (Methionine adenosyltransferase 1) (MAT 1) (Methionine adenosyltransferase I/III) (MAT-I/III) |
| MPCP\_HUMAN | Phosphate carrier protein, mitochondrial (Phosphate transport protein) (PTP) (Solute carrier family 25 member 3) |
| VIGLN\_HUMAN | Vigilin (High density lipoprotein-binding protein) (HDL-binding protein) |
| CDK3\_HUMAN | Cyclin-dependent kinase 3 (EC 2.7.11.22) (Cell division protein kinase 3) |
| CDK5\_HUMAN | Cyclin-dependent-like kinase 5 (EC 2.7.11.1) (Cell division protein kinase 5) (Serine/threonine-protein kinase PSSALRE) (Tau protein kinase II catalytic subunit) (TPKII catalytic subunit) |
| CDK16\_HUMAN | Cyclin-dependent kinase 16 (EC 2.7.11.22) (Cell division protein kinase 16) (PCTAIRE-motif protein kinase 1) (Serine/threonine-protein kinase PCTAIRE-1) |
| PURA\_HUMAN | Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) |
| BORG5\_HUMAN | Cdc42 effector protein 1 (Binder of Rho GTPases 5) (Serum protein MSE55) |
| CLH1\_HUMAN | Clathrin heavy chain 1 (Clathrin heavy chain on chromosome 17) (CLH-17) |
| FKBP3\_HUMAN | Peptidyl-prolyl cis-trans isomerase FKBP3 (PPIase FKBP3) (EC 5.2.1.8) (25 kDa FK506-binding protein) (25 kDa FKBP) (FKBP-25) (FK506-binding protein 3) (FKBP-3) (Immunophilin FKBP25) (Rapamycin-selective 25 kDa immunophilin) (Rotamase) |
| REEP5\_HUMAN | Receptor expression-enhancing protein 5 (Polyposis locus protein 1) (Protein TB2) |
| DHSO\_HUMAN | Sorbitol dehydrogenase (EC 1.1.1.14) (L-iditol 2-dehydrogenase) |
| HNRPU\_HUMAN | Heterogeneous nuclear ribonucleoprotein U (hnRNP U) (Scaffold attachment factor A) (SAF-A) (p120) (pp120) |
| MYPC1\_HUMAN | Myosin-binding protein C, slow-type (Slow MyBP-C) (C-protein, skeletal muscle slow isoform) |
| PLIN5\_HUMAN | Perilipin-5 (Lipid storage droplet protein 5) |
| U2AF1\_HUMAN | Splicing factor U2AF 35 kDa subunit (U2 auxiliary factor 35 kDa subunit) (U2 small nuclear RNA auxiliary factor 1) (U2 snRNP auxiliary factor small subunit) |
| SPTB2\_HUMAN | Spectrin beta chain, non-erythrocytic 1 (Beta-II spectrin) (Fodrin beta chain) (Spectrin, non-erythroid beta chain 1) |
| TIAR\_HUMAN | Nucleolysin TIAR (TIA-1-related protein) |
| SET\_HUMAN | Protein SET (HLA-DR-associated protein II) (Inhibitor of granzyme A-activated DNase) (IGAAD) (PHAPII) (Phosphatase 2A inhibitor I2PP2A) (I-2PP2A) (Template-activating factor I) (TAF-I) |
| SRSF2\_HUMAN | Serine/arginine-rich splicing factor 2 (Protein PR264) (Splicing component, 35 kDa) (Splicing factor SC35) (SC-35) (Splicing factor, arginine/serine-rich 2) |
| RUNX1\_HUMAN | Runt-related transcription factor 1 (Acute myeloid leukemia 1 protein) (Core-binding factor subunit alpha-2) (CBF-alpha-2) (Oncogene AML-1) (Polyomavirus enhancer-binding protein 2 alpha B subunit) (PEA2-alpha B) (PEBP2-alpha B) (SL3-3 enhancer factor 1 alpha B subunit) (SL3/AKV core-binding factor alpha B subunit) |
| AMPD3\_HUMAN | AMP deaminase 3 (EC 3.5.4.6) (AMP deaminase isoform E) (Erythrocyte AMP deaminase) |
| AMPD2\_HUMAN | AMP deaminase 2 (EC 3.5.4.6) (AMP deaminase isoform L) |
| FABP5\_HUMAN | Fatty acid-binding protein, epidermal (Epidermal-type fatty acid-binding protein) (E-FABP) (Fatty acid-binding protein 5) (Psoriasis-associated fatty acid-binding protein homolog) (PA-FABP) |
| ANK2\_HUMAN | Ankyrin-2 (ANK-2) (Ankyrin-B) (Brain ankyrin) (Non-erythroid ankyrin) |
| CAP1\_HUMAN | Adenylyl cyclase-associated protein 1 (CAP 1) |
| IFM3\_HUMAN | Interferon-induced transmembrane protein 3 (Dispanin subfamily A member 2b) (DSPA2b) (Interferon-inducible protein 1-8U) |
| EXOSX\_HUMAN | Exosome component 10 (EC 3.1.13.-) (Autoantigen PM/Scl 2) (P100 polymyositis-scleroderma overlap syndrome-associated autoantigen) (Polymyositis/scleroderma autoantigen 100 kDa) (PM/Scl-100) (Polymyositis/scleroderma autoantigen 2) |
| OTUD4\_HUMAN | OTU domain-containing protein 4 (EC 3.4.19.12) (HIV-1-induced protein HIN-1) |
| PFKAP\_HUMAN | ATP-dependent 6-phosphofructokinase, platelet type (ATP-PFK) (PFK-P) (EC 2.7.1.11) (6-phosphofructokinase type C) (Phosphofructo-1-kinase isozyme C) (PFK-C) (Phosphohexokinase) |
| AT2B2\_HUMAN | Plasma membrane calcium-transporting ATPase 2 (PMCA2) (EC 3.6.3.8) (Plasma membrane calcium ATPase isoform 2) (Plasma membrane calcium pump isoform 2) |
| XPC\_HUMAN | DNA repair protein complementing XP-C cells (Xeroderma pigmentosum group C-complementing protein) (p125) |
| CO4A3\_HUMAN | Collagen alpha-3(IV) chain (Goodpasture antigen) [Cleaved into: Tumstatin] |
| TAGL\_HUMAN | Transgelin (22 kDa actin-binding protein) (Protein WS3-10) (Smooth muscle protein 22-alpha) (SM22-alpha) |
| AK17A\_HUMAN | A-kinase anchor protein 17A (AKAP-17A) (721P) (B-lymphocyte antigen) (Protein XE7) (Protein kinase A-anchoring protein 17A) (PRKA17A) (Splicing factor, arginine/serine-rich 17A) |
| MYL5\_HUMAN | Myosin light chain 5 (Myosin regulatory light chain 5) (Superfast myosin regulatory light chain 2) (MYLC2) (MyLC-2) |
| MEF2A\_HUMAN | Myocyte-specific enhancer factor 2A (Serum response factor-like protein 1) |
| PYRD\_HUMAN | Dihydroorotate dehydrogenase (quinone), mitochondrial (DHOdehase) (EC 1.3.5.2) (Dihydroorotate oxidase) |
| KPCE\_HUMAN | Protein kinase C epsilon type (EC 2.7.11.13) (nPKC-epsilon) |
| ODO1\_HUMAN | 2-oxoglutarate dehydrogenase, mitochondrial (EC 1.2.4.2) (2-oxoglutarate dehydrogenase complex component E1) (OGDC-E1) (Alpha-ketoglutarate dehydrogenase) |
| CX6A2\_HUMAN | Cytochrome c oxidase subunit 6A2, mitochondrial (Cytochrome c oxidase polypeptide VIa-heart) (COXVIAH) (Cytochrome c oxidase subunit VIA-muscle) (COX VIa-M) |
| CENPE\_HUMAN | Centromere-associated protein E (Centromere protein E) (CENP-E) (Kinesin-related protein CENPE) |
| CNTN2\_HUMAN | Contactin-2 (Axonal glycoprotein TAG-1) (Axonin-1) (Transient axonal glycoprotein 1) (TAX-1) |
| MMSA\_HUMAN | Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) (EC 1.2.1.27) (Aldehyde dehydrogenase family 6 member A1) |
| CP27A\_HUMAN | Sterol 26-hydroxylase, mitochondrial (EC 1.14.13.15) (5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase) (Cytochrome P-450C27/25) (Cytochrome P450 27) (Sterol 27-hydroxylase) (Vitamin D(3) 25-hydroxylase) |
| PLGB\_HUMAN | Plasminogen-like protein B (Plasminogen-related protein B) |
| BDH\_HUMAN | D-beta-hydroxybutyrate dehydrogenase, mitochondrial (BDH) (EC 1.1.1.30) (3-hydroxybutyrate dehydrogenase) (Short chain dehydrogenase/reductase family 9C member 1) |
| SEMG2\_HUMAN | Semenogelin-2 (Semenogelin II) (SGII) |
| CO7A1\_HUMAN | Collagen alpha-1(VII) chain (Long-chain collagen) (LC collagen) |
| DSG1\_HUMAN | Desmoglein-1 (Cadherin family member 4) (Desmosomal glycoprotein 1) (DG1) (DGI) (Pemphigus foliaceus antigen) |
| DSC2\_HUMAN | Desmocollin-2 (Cadherin family member 2) (Desmocollin-3) (Desmosomal glycoprotein II) (Desmosomal glycoprotein III) |
| H11\_HUMAN | Histone H1.1 (Histone H1a) |
| RL18A\_HUMAN | 60S ribosomal protein L18a |
| IRF8\_HUMAN | Interferon regulatory factor 8 (IRF-8) (Interferon consensus sequence-binding protein) (H-ICSBP) (ICSBP) |
| CACB1\_HUMAN | Voltage-dependent L-type calcium channel subunit beta-1 (CAB1) (Calcium channel voltage-dependent subunit beta 1) |
| MP2K1\_HUMAN | Dual specificity mitogen-activated protein kinase kinase 1 (MAP kinase kinase 1) (MAPKK 1) (MKK1) (EC 2.7.12.2) (ERK activator kinase 1) (MAPK/ERK kinase 1) (MEK 1) |
| TIE2\_HUMAN | Angiopoietin-1 receptor (EC 2.7.10.1) (Endothelial tyrosine kinase) (Tunica interna endothelial cell kinase) (Tyrosine kinase with Ig and EGF homology domains-2) (Tyrosine-protein kinase receptor TEK) (Tyrosine-protein kinase receptor TIE-2) (hTIE2) (p140 TEK) (CD antigen CD202b) |
| FKBP4\_HUMAN | Peptidyl-prolyl cis-trans isomerase FKBP4 (PPIase FKBP4) (EC 5.2.1.8) (51 kDa FK506-binding protein) (FKBP51) (52 kDa FK506-binding protein) (52 kDa FKBP) (FKBP-52) (59 kDa immunophilin) (p59) (FK506-binding protein 4) (FKBP-4) (FKBP59) (HSP-binding immunophilin) (HBI) (Immunophilin FKBP52) (Rotamase) [Cleaved into: Peptidyl-prolyl cis-trans isomerase FKBP4, N-terminally processed] |
| NUCB1\_HUMAN | Nucleobindin-1 (CALNUC) |
| GUC2D\_HUMAN | Retinal guanylyl cyclase 1 (RETGC-1) (EC 4.6.1.2) (Guanylate cyclase 2D, retinal) (Rod outer segment membrane guanylate cyclase) (ROS-GC) |
| RL6\_HUMAN | 60S ribosomal protein L6 (Neoplasm-related protein C140) (Tax-responsive enhancer element-binding protein 107) (TaxREB107) |
| TOP2B\_HUMAN | DNA topoisomerase 2-beta (EC 5.99.1.3) (DNA topoisomerase II, beta isozyme) |
| AKA12\_HUMAN | A-kinase anchor protein 12 (AKAP-12) (A-kinase anchor protein 250 kDa) (AKAP 250) (Gravin) (Myasthenia gravis autoantigen) |
| M2OM\_HUMAN | Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) |
| DYST\_HUMAN | Dystonin (230 kDa bullous pemphigoid antigen) (230/240 kDa bullous pemphigoid antigen) (Bullous pemphigoid antigen 1) (BPA) (Bullous pemphigoid antigen) (Dystonia musculorum protein) (Hemidesmosomal plaque protein) |
| GSTM4\_HUMAN | Glutathione S-transferase Mu 4 (EC 2.5.1.18) (GST class-mu 4) (GST-Mu2) (GSTM4-4) |
| GNA12\_HUMAN | Guanine nucleotide-binding protein subunit alpha-12 (G alpha-12) (G-protein subunit alpha-12) |
| CAV1\_HUMAN | Caveolin-1 |
| ACY1\_HUMAN | Aminoacylase-1 (ACY-1) (EC 3.5.1.14) (N-acyl-L-amino-acid amidohydrolase) |
| LMNB2\_HUMAN | Lamin-B2 |
| TAP1\_HUMAN | Antigen peptide transporter 1 (APT1) (ATP-binding cassette sub-family B member 2) (Peptide supply factor 1) (Peptide transporter PSF1) (PSF-1) (Peptide transporter TAP1) (Peptide transporter involved in antigen processing 1) (Really interesting new gene 4 protein) |
| TAP2\_HUMAN | Antigen peptide transporter 2 (APT2) (ATP-binding cassette sub-family B member 3) (Peptide supply factor 2) (Peptide transporter PSF2) (PSF-2) (Peptide transporter TAP2) (Peptide transporter involved in antigen processing 2) (Really interesting new gene 11 protein) |
| UBXN1\_HUMAN | UBX domain-containing protein 1 (SAPK substrate protein 1) (UBA/UBX 33.3 kDa protein) |
| GLGB\_HUMAN | 1,4-alpha-glucan-branching enzyme (EC 2.4.1.18) (Brancher enzyme) (Glycogen-branching enzyme) |
| IF4G1\_HUMAN | Eukaryotic translation initiation factor 4 gamma 1 (eIF-4-gamma 1) (eIF-4G 1) (eIF-4G1) (p220) |
| ATP7A\_HUMAN | Copper-transporting ATPase 1 (EC 3.6.3.54) (Copper pump 1) (Menkes disease-associated protein) |
| K1C17\_HUMAN | Keratin, type I cytoskeletal 17 (39.1) (Cytokeratin-17) (CK-17) (Keratin-17) (K17) |
| KPCT\_HUMAN | Protein kinase C theta type (EC 2.7.11.13) (nPKC-theta) |
| LGUL\_HUMAN | Lactoylglutathione lyase (EC 4.4.1.5) (Aldoketomutase) (Glyoxalase I) (Glx I) (Ketone-aldehyde mutase) (Methylglyoxalase) (S-D-lactoylglutathione methylglyoxal lyase) |
| AK1C1\_HUMAN | Aldo-keto reductase family 1 member C1 (EC 1.1.1.-) (20-alpha-hydroxysteroid dehydrogenase) (20-alpha-HSD) (EC 1.1.1.149) (Chlordecone reductase homolog HAKRC) (Dihydrodiol dehydrogenase 1/2) (DD1/DD2) (High-affinity hepatic bile acid-binding protein) (HBAB) (Indanol dehydrogenase) (EC 1.1.1.112) (Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (EC 1.3.1.20) |
| SSBP\_HUMAN | Single-stranded DNA-binding protein, mitochondrial (Mt-SSB) (MtSSB) (PWP1-interacting protein 17) |
| 1433F\_HUMAN | 14-3-3 protein eta (Protein AS1) |
| PLP2\_HUMAN | Proteolipid protein 2 (Differentiation-dependent protein A4) (Intestinal membrane A4 protein) |
| UBE3A\_HUMAN | Ubiquitin-protein ligase E3A (EC 6.3.2.-) (E6AP ubiquitin-protein ligase) (Human papillomavirus E6-associated protein) (Oncogenic protein-associated protein E6-AP) (Renal carcinoma antigen NY-REN-54) |
| DYN1\_HUMAN | Dynamin-1 (EC 3.6.5.5) |
| PTN12\_HUMAN | Tyrosine-protein phosphatase non-receptor type 12 (EC 3.1.3.48) (PTP-PEST) (Protein-tyrosine phosphatase G1) (PTPG1) |
| LIPS\_HUMAN | Hormone-sensitive lipase (HSL) (EC 3.1.1.79) |
| SRS11\_HUMAN | Serine/arginine-rich splicing factor 11 (Arginine-rich 54 kDa nuclear protein) (p54) (Splicing factor, arginine/serine-rich 11) |
| EF1A2\_HUMAN | Elongation factor 1-alpha 2 (EF-1-alpha-2) (Eukaryotic elongation factor 1 A-2) (eEF1A-2) (Statin-S1) |
| KPCD\_HUMAN | Protein kinase C delta type (EC 2.7.11.13) (Tyrosine-protein kinase PRKCD) (EC 2.7.10.2) (nPKC-delta) [Cleaved into: Protein kinase C delta type regulatory subunit; Protein kinase C delta type catalytic subunit (Sphingosine-dependent protein kinase-1) (SDK1)] |
| CALD1\_HUMAN | Caldesmon (CDM) |
| COEA1\_HUMAN | Collagen alpha-1(XIV) chain (Undulin) |
| ACHB3\_HUMAN | Neuronal acetylcholine receptor subunit beta-3 |
| DEUP1\_HUMAN | Deuterosome protein 1 (Coiled-coil domain-containing protein 67) |
| PTN11\_HUMAN | Tyrosine-protein phosphatase non-receptor type 11 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1D) (PTP-1D) (Protein-tyrosine phosphatase 2C) (PTP-2C) (SH-PTP2) (SHP-2) (Shp2) (SH-PTP3) |
| KDSR\_HUMAN | 3-ketodihydrosphingosine reductase (KDS reductase) (EC 1.1.1.102) (3-dehydrosphinganine reductase) (Follicular variant translocation protein 1) (FVT-1) (Short chain dehydrogenase/reductase family 35C member 1) |
| P2R3A\_HUMAN | Serine/threonine-protein phosphatase 2A regulatory subunit B'' subunit alpha (PP2A subunit B isoform PR72/PR130) (PP2A subunit B isoform R3 isoform) (PP2A subunit B isoforms B''-PR72/PR130) (PP2A subunit B isoforms B72/B130) (Serine/threonine-protein phosphatase 2A 72/130 kDa regulatory subunit B) |
| GFPT1\_HUMAN | Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1 (EC 2.6.1.16) (D-fructose-6-phosphate amidotransferase 1) (Glutamine:fructose-6-phosphate amidotransferase 1) (GFAT 1) (GFAT1) (Hexosephosphate aminotransferase 1) |
| EXOS9\_HUMAN | Exosome complex component RRP45 (Autoantigen PM/Scl 1) (Exosome component 9) (P75 polymyositis-scleroderma overlap syndrome-associated autoantigen) (Polymyositis/scleroderma autoantigen 1) (Polymyositis/scleroderma autoantigen 75 kDa) (PM/Scl-75) |
| AOXA\_HUMAN | Aldehyde oxidase (EC 1.2.3.1) (Aldehyde oxidase 1) (Azaheterocycle hydroxylase) (EC 1.17.3.-) |
| PSME1\_HUMAN | Proteasome activator complex subunit 1 (11S regulator complex subunit alpha) (REG-alpha) (Activator of multicatalytic protease subunit 1) (Interferon gamma up-regulated I-5111 protein) (IGUP I-5111) (Proteasome activator 28 subunit alpha) (PA28a) (PA28alpha) |
| MEF2C\_HUMAN | Myocyte-specific enhancer factor 2C |
| CCG1\_HUMAN | Voltage-dependent calcium channel gamma-1 subunit (Dihydropyridine-sensitive L-type, skeletal muscle calcium channel subunit gamma) |
| FMR1\_HUMAN | Fragile X mental retardation protein 1 (FMRP) (Protein FMR-1) |
| FMOD\_HUMAN | Fibromodulin (FM) (Collagen-binding 59 kDa protein) (Keratan sulfate proteoglycan fibromodulin) (KSPG fibromodulin) |
| PRDX1\_HUMAN | Peroxiredoxin-1 (EC 1.11.1.15) (Natural killer cell-enhancing factor A) (NKEF-A) (Proliferation-associated gene protein) (PAG) (Thioredoxin peroxidase 2) (Thioredoxin-dependent peroxide reductase 2) |
| ACHD\_HUMAN | Acetylcholine receptor subunit delta |
| CDK18\_HUMAN | Cyclin-dependent kinase 18 (EC 2.7.11.22) (Cell division protein kinase 18) (PCTAIRE-motif protein kinase 3) (Serine/threonine-protein kinase PCTAIRE-3) |
| RL18\_HUMAN | 60S ribosomal protein L18 |
| C1QBP\_HUMAN | Complement component 1 Q subcomponent-binding protein, mitochondrial (ASF/SF2-associated protein p32) (Glycoprotein gC1qBP) (C1qBP) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (gC1q-R protein) (p33) |
| CKAP4\_HUMAN | Cytoskeleton-associated protein 4 (63-kDa cytoskeleton-linking membrane protein) (Climp-63) (p63) |
| COGA1\_HUMAN | Collagen alpha-1(XVI) chain |
| ZO1\_HUMAN | Tight junction protein ZO-1 (Tight junction protein 1) (Zona occludens protein 1) (Zonula occludens protein 1) |
| DERM\_HUMAN | Dermatopontin (Tyrosine-rich acidic matrix protein) (TRAMP) |
| KHDR1\_HUMAN | KH domain-containing, RNA-binding, signal transduction-associated protein 1 (GAP-associated tyrosine phosphoprotein p62) (Src-associated in mitosis 68 kDa protein) (Sam68) (p21 Ras GTPase-activating protein-associated p62) (p68) |
| BAX\_HUMAN | Apoptosis regulator BAX (Bcl-2-like protein 4) (Bcl2-L-4) |
| KLC1\_HUMAN | Kinesin light chain 1 (KLC 1) |
| LRP1\_HUMAN | Prolow-density lipoprotein receptor-related protein 1 (LRP-1) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD antigen CD91) [Cleaved into: Low-density lipoprotein receptor-related protein 1 85 kDa subunit (LRP-85); Low-density lipoprotein receptor-related protein 1 515 kDa subunit (LRP-515); Low-density lipoprotein receptor-related protein 1 intracellular domain (LRPICD)] |
| SRSF1\_HUMAN | Serine/arginine-rich splicing factor 1 (Alternative-splicing factor 1) (ASF-1) (Splicing factor, arginine/serine-rich 1) (pre-mRNA-splicing factor SF2, P33 subunit) |
| RHG01\_HUMAN | Rho GTPase-activating protein 1 (CDC42 GTPase-activating protein) (GTPase-activating protein rhoOGAP) (Rho-related small GTPase protein activator) (Rho-type GTPase-activating protein 1) (p50-RhoGAP) |
| ACTN3\_HUMAN | Alpha-actinin-3 (Alpha-actinin skeletal muscle isoform 3) (F-actin cross-linking protein) |
| FOXM1\_HUMAN | Forkhead box protein M1 (Forkhead-related protein FKHL16) (Hepatocyte nuclear factor 3 forkhead homolog 11) (HFH-11) (HNF-3/fork-head homolog 11) (M-phase phosphoprotein 2) (MPM-2 reactive phosphoprotein 2) (Transcription factor Trident) (Winged-helix factor from INS-1 cells) |
| SRSF4\_HUMAN | Serine/arginine-rich splicing factor 4 (Pre-mRNA-splicing factor SRP75) (SRP001LB) (Splicing factor, arginine/serine-rich 4) |
| PCDH1\_HUMAN | Protocadherin-1 (Cadherin-like protein 1) (Protocadherin-42) (PC42) |
| PP2BA\_HUMAN | Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (EC 3.1.3.16) (CAM-PRP catalytic subunit) (Calmodulin-dependent calcineurin A subunit alpha isoform) |
| DHX9\_HUMAN | ATP-dependent RNA helicase A (RHA) (EC 3.6.4.13) (DEAH box protein 9) (Leukophysin) (LKP) (Nuclear DNA helicase II) (NDH II) |
| QOR\_HUMAN | Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) |
| I10R2\_HUMAN | Interleukin-10 receptor subunit beta (IL-10 receptor subunit beta) (IL-10R subunit beta) (IL-10RB) (Cytokine receptor class-II member 4) (Cytokine receptor family 2 member 4) (CRF2-4) (Interleukin-10 receptor subunit 2) (IL-10R subunit 2) (IL-10R2) (CD antigen CDw210b) |
| S20A2\_HUMAN | Sodium-dependent phosphate transporter 2 (Gibbon ape leukemia virus receptor 2) (GLVR-2) (Phosphate transporter 2) (PiT-2) (Pit2) (hPit2) (Solute carrier family 20 member 2) |
| LG3BP\_HUMAN | Galectin-3-binding protein (Basement membrane autoantigen p105) (Lectin galactoside-binding soluble 3-binding protein) (Mac-2-binding protein) (MAC2BP) (Mac-2 BP) (Tumor-associated antigen 90K) |
| LOXL1\_HUMAN | Lysyl oxidase homolog 1 (EC 1.4.3.-) (Lysyl oxidase-like protein 1) (LOL) |
| ADCY2\_HUMAN | Adenylate cyclase type 2 (EC 4.6.1.1) (ATP pyrophosphate-lyase 2) (Adenylate cyclase type II) (Adenylyl cyclase 2) |
| DEMA\_HUMAN | Dematin (Dematin actin-binding protein) (Erythrocyte membrane protein band 4.9) |
| PDE4D\_HUMAN | cAMP-specific 3',5'-cyclic phosphodiesterase 4D (EC 3.1.4.53) (DPDE3) (PDE43) |
| DSC1\_HUMAN | Desmocollin-1 (Cadherin family member 1) (Desmosomal glycoprotein 2/3) (DG2/DG3) |
| HDHD1\_HUMAN | Pseudouridine-5'-phosphatase (EC 3.1.3.96) (Haloacid dehalogenase-like hydrolase domain-containing protein 1) (Haloacid dehalogenase-like hydrolase domain-containing protein 1A) (Protein GS1) (Pseudouridine-5'-monophosphatase) (5'-PsiMPase) |
| CD47\_HUMAN | Leukocyte surface antigen CD47 (Antigenic surface determinant protein OA3) (Integrin-associated protein) (IAP) (Protein MER6) (CD antigen CD47) |
| PPID\_HUMAN | Peptidyl-prolyl cis-trans isomerase D (PPIase D) (EC 5.2.1.8) (40 kDa peptidyl-prolyl cis-trans isomerase) (Cyclophilin-40) (CYP-40) (Cyclophilin-related protein) (Rotamase D) |
| SSRP1\_HUMAN | FACT complex subunit SSRP1 (Chromatin-specific transcription elongation factor 80 kDa subunit) (Facilitates chromatin transcription complex 80 kDa subunit) (FACT 80 kDa subunit) (FACTp80) (Facilitates chromatin transcription complex subunit SSRP1) (Recombination signal sequence recognition protein 1) (Structure-specific recognition protein 1) (hSSRP1) (T160) |
| NSUN2\_HUMAN | tRNA (cytosine(34)-C(5))-methyltransferase (EC 2.1.1.203) (Myc-induced SUN domain-containing protein) (Misu) (NOL1/NOP2/Sun domain family member 2) (Substrate of AIM1/Aurora kinase B) (tRNA (cytosine-5-)-methyltransferase) (tRNA methyltransferase 4 homolog) (hTrm4) |
| DMPK\_HUMAN | Myotonin-protein kinase (MT-PK) (EC 2.7.11.1) (DM-kinase) (DMK) (DM1 protein kinase) (DMPK) (Myotonic dystrophy protein kinase) |
| RBBP4\_HUMAN | Histone-binding protein RBBP4 (Chromatin assembly factor 1 subunit C) (CAF-1 subunit C) (Chromatin assembly factor I p48 subunit) (CAF-I 48 kDa subunit) (CAF-I p48) (Nucleosome-remodeling factor subunit RBAP48) (Retinoblastoma-binding protein 4) (RBBP-4) (Retinoblastoma-binding protein p48) |
| ABCC8\_HUMAN | ATP-binding cassette sub-family C member 8 (Sulfonylurea receptor 1) |
| AHNK\_HUMAN | Neuroblast differentiation-associated protein AHNAK (Desmoyokin) |
| IFFO1\_HUMAN | Intermediate filament family orphan 1 (Tumor antigen HOM-TES-103) |
| FCHO2\_HUMAN | F-BAR domain only protein 2 |
| CD029\_HUMAN | Uncharacterized protein C4orf29 |
| CCD15\_HUMAN | Coiled-coil domain-containing protein 15 |
| LMOD3\_HUMAN | Leiomodin-3 (Leiomodin, fetal form) |
| SCRN3\_HUMAN | Secernin-3 |
| NEXN\_HUMAN | Nexilin (F-actin-binding protein) (Nelin) |
| GALT2\_HUMAN | Polypeptide N-acetylgalactosaminyltransferase 2 (EC 2.4.1.41) (Polypeptide GalNAc transferase 2) (GalNAc-T2) (pp-GaNTase 2) (Protein-UDP acetylgalactosaminyltransferase 2) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2) [Cleaved into: Polypeptide N-acetylgalactosaminyltransferase 2 soluble form] |
| AP1B1\_HUMAN | AP-1 complex subunit beta-1 (Adaptor protein complex AP-1 subunit beta-1) (Adaptor-related protein complex 1 subunit beta-1) (Beta-1-adaptin) (Beta-adaptin 1) (Clathrin assembly protein complex 1 beta large chain) (Golgi adaptor HA1/AP1 adaptin beta subunit) |
| BST2\_HUMAN | Bone marrow stromal antigen 2 (BST-2) (HM1.24 antigen) (Tetherin) (CD antigen CD317) |
| MPPA\_HUMAN | Mitochondrial-processing peptidase subunit alpha (EC 3.4.24.64) (Alpha-MPP) (P-55) |
| KIF1A\_HUMAN | Kinesin-like protein KIF1A (Axonal transporter of synaptic vesicles) (Microtubule-based motor KIF1A) (Unc-104- and KIF1A-related protein) (hUnc-104) |
| STRUM\_HUMAN | WASH complex subunit strumpellin (Strumpellin) |
| TF3C1\_HUMAN | General transcription factor 3C polypeptide 1 (TF3C-alpha) (TFIIIC box B-binding subunit) (Transcription factor IIIC 220 kDa subunit) (TFIIIC 220 kDa subunit) (TFIIIC220) (Transcription factor IIIC subunit alpha) |
| TWF1\_HUMAN | Twinfilin-1 (Protein A6) (Protein tyrosine kinase 9) |
| ASPH\_HUMAN | Aspartyl/asparaginyl beta-hydroxylase (EC 1.14.11.16) (Aspartate beta-hydroxylase) (ASP beta-hydroxylase) (Peptide-aspartate beta-dioxygenase) |
| CETN1\_HUMAN | Centrin-1 (Caltractin isoform 2) |
| AKP13\_HUMAN | A-kinase anchor protein 13 (AKAP-13) (AKAP-Lbc) (Breast cancer nuclear receptor-binding auxiliary protein) (Guanine nucleotide exchange factor Lbc) (Human thyroid-anchoring protein 31) (Lymphoid blast crisis oncogene) (LBC oncogene) (Non-oncogenic Rho GTPase-specific GTP exchange factor) (Protein kinase A-anchoring protein 13) (PRKA13) (p47) |
| FBLN3\_HUMAN | EGF-containing fibulin-like extracellular matrix protein 1 (Extracellular protein S1-5) (Fibrillin-like protein) (Fibulin-3) (FIBL-3) |
| KIF5A\_HUMAN | Kinesin heavy chain isoform 5A (Kinesin heavy chain neuron-specific 1) (Neuronal kinesin heavy chain) (NKHC) |
| STX4\_HUMAN | Syntaxin-4 (Renal carcinoma antigen NY-REN-31) |
| GRSF1\_HUMAN | G-rich sequence factor 1 (GRSF-1) |
| NFIA\_HUMAN | Nuclear factor 1 A-type (NF1-A) (Nuclear factor 1/A) (CCAAT-box-binding transcription factor) (CTF) (Nuclear factor I/A) (NF-I/A) (NFI-A) (TGGCA-binding protein) |
| CHD3\_HUMAN | Chromodomain-helicase-DNA-binding protein 3 (CHD-3) (EC 3.6.4.12) (ATP-dependent helicase CHD3) (Mi-2 autoantigen 240 kDa protein) (Mi2-alpha) (Zinc finger helicase) (hZFH) |
| TP53B\_HUMAN | Tumor suppressor p53-binding protein 1 (53BP1) (p53-binding protein 1) (p53BP1) |
| AIMP1\_HUMAN | Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 (Multisynthase complex auxiliary component p43) [Cleaved into: Endothelial monocyte-activating polypeptide 2 (EMAP-2) (Endothelial monocyte-activating polypeptide II) (EMAP-II) (Small inducible cytokine subfamily E member 1)] |
| ILF2\_HUMAN | Interleukin enhancer-binding factor 2 (Nuclear factor of activated T-cells 45 kDa) |
| ILF3\_HUMAN | Interleukin enhancer-binding factor 3 (Double-stranded RNA-binding protein 76) (DRBP76) (M-phase phosphoprotein 4) (MPP4) (Nuclear factor associated with dsRNA) (NFAR) (Nuclear factor of activated T-cells 90 kDa) (NF-AT-90) (Translational control protein 80) (TCP80) |
| PTN13\_HUMAN | Tyrosine-protein phosphatase non-receptor type 13 (EC 3.1.3.48) (Fas-associated protein-tyrosine phosphatase 1) (FAP-1) (PTP-BAS) (Protein-tyrosine phosphatase 1E) (PTP-E1) (hPTPE1) (Protein-tyrosine phosphatase PTPL1) |
| EPS8\_HUMAN | Epidermal growth factor receptor kinase substrate 8 |
| TRAP1\_HUMAN | Heat shock protein 75 kDa, mitochondrial (HSP 75) (TNFR-associated protein 1) (Tumor necrosis factor type 1 receptor-associated protein) (TRAP-1) |
| FOXF1\_HUMAN | Forkhead box protein F1 (Forkhead-related activator 1) (FREAC-1) (Forkhead-related protein FKHL5) (Forkhead-related transcription factor 1) |
| ANK3\_HUMAN | Ankyrin-3 (ANK-3) (Ankyrin-G) |
| DLG1\_HUMAN | Disks large homolog 1 (Synapse-associated protein 97) (SAP-97) (SAP97) (hDlg) |
| TP4A2\_HUMAN | Protein tyrosine phosphatase type IVA 2 (EC 3.1.3.48) (HU-PP-1) (OV-1) (PTP(CAAXII)) (Protein-tyrosine phosphatase 4a2) (Protein-tyrosine phosphatase of regenerating liver 2) (PRL-2) |
| BNIP2\_HUMAN | BCL2/adenovirus E1B 19 kDa protein-interacting protein 2 |
| BNIP3\_HUMAN | BCL2/adenovirus E1B 19 kDa protein-interacting protein 3 |
| NFX1\_HUMAN | Transcriptional repressor NF-X1 (EC 6.3.2.-) (Nuclear transcription factor, X box-binding protein 1) |
| HSPB3\_HUMAN | Heat shock protein beta-3 (HspB3) (Heat shock 17 kDa protein) (HSP 17) (Protein 3) |
| TIAM1\_HUMAN | T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1) |
| ECH1\_HUMAN | Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial (EC 5.3.3.-) |
| AKAP6\_HUMAN | A-kinase anchor protein 6 (AKAP-6) (A-kinase anchor protein 100 kDa) (AKAP 100) (Protein kinase A-anchoring protein 6) (PRKA6) (mAKAP) |
| STRN3\_HUMAN | Striatin-3 (Cell cycle autoantigen SG2NA) (S/G2 antigen) |
| FLII\_HUMAN | Protein flightless-1 homolog |
| TRI32\_HUMAN | E3 ubiquitin-protein ligase TRIM32 (EC 6.3.2.-) (72 kDa Tat-interacting protein) (Tripartite motif-containing protein 32) (Zinc finger protein HT2A) |
| COASY\_HUMAN | Bifunctional coenzyme A synthase (CoA synthase) (NBP) (POV-2) [Includes: Phosphopantetheine adenylyltransferase (EC 2.7.7.3) (Dephospho-CoA pyrophosphorylase) (Pantetheine-phosphate adenylyltransferase) (PPAT); Dephospho-CoA kinase (DPCK) (EC 2.7.1.24) (Dephosphocoenzyme A kinase) (DPCOAK)] |
| TRDN\_HUMAN | Triadin |
| RM28\_HUMAN | 39S ribosomal protein L28, mitochondrial (L28mt) (MRP-L28) (Melanoma antigen p15) (Melanoma-associated antigen recognized by T-lymphocytes) |
| ACACA\_HUMAN | Acetyl-CoA carboxylase 1 (ACC1) (EC 6.4.1.2) (ACC-alpha) [Includes: Biotin carboxylase (EC 6.3.4.14)] |
| CSN1\_HUMAN | COP9 signalosome complex subunit 1 (SGN1) (Signalosome subunit 1) (G protein pathway suppressor 1) (GPS-1) (JAB1-containing signalosome subunit 1) (Protein MFH) |
| RED\_HUMAN | Protein Red (Cytokine IK) (IK factor) (Protein RER) |
| MTAP\_HUMAN | S-methyl-5'-thioadenosine phosphorylase (EC 2.4.2.28) (5'-methylthioadenosine phosphorylase) (MTA phosphorylase) (MTAP) (MTAPase) |
| AAPK1\_HUMAN | 5'-AMP-activated protein kinase catalytic subunit alpha-1 (AMPK subunit alpha-1) (EC 2.7.11.1) (Acetyl-CoA carboxylase kinase) (ACACA kinase) (EC 2.7.11.27) (Hydroxymethylglutaryl-CoA reductase kinase) (HMGCR kinase) (EC 2.7.11.31) (Tau-protein kinase PRKAA1) (EC 2.7.11.26) |
| LIPA1\_HUMAN | Liprin-alpha-1 (LAR-interacting protein 1) (LIP-1) (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-1) (PTPRF-interacting protein alpha-1) |
| CACO2\_HUMAN | Calcium-binding and coiled-coil domain-containing protein 2 (Antigen nuclear dot 52 kDa protein) (Nuclear domain 10 protein NDP52) (Nuclear domain 10 protein 52) (Nuclear dot protein 52) |
| EI2BE\_HUMAN | Translation initiation factor eIF-2B subunit epsilon (eIF-2B GDP-GTP exchange factor subunit epsilon) |
| TADBP\_HUMAN | TAR DNA-binding protein 43 (TDP-43) |
| ROA0\_HUMAN | Heterogeneous nuclear ribonucleoprotein A0 (hnRNP A0) |
| PAK1\_HUMAN | Serine/threonine-protein kinase PAK 1 (EC 2.7.11.1) (Alpha-PAK) (p21-activated kinase 1) (PAK-1) (p65-PAK) |
| AIMP2\_HUMAN | Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 (Multisynthase complex auxiliary component p38) (Protein JTV-1) |
| PRDX4\_HUMAN | Peroxiredoxin-4 (EC 1.11.1.15) (Antioxidant enzyme AOE372) (AOE37-2) (Peroxiredoxin IV) (Prx-IV) (Thioredoxin peroxidase AO372) (Thioredoxin-dependent peroxide reductase A0372) |
| PAK2\_HUMAN | Serine/threonine-protein kinase PAK 2 (EC 2.7.11.1) (Gamma-PAK) (PAK65) (S6/H4 kinase) (p21-activated kinase 2) (PAK-2) (p58) [Cleaved into: PAK-2p27 (p27); PAK-2p34 (p34) (C-t-PAK2)] |
| CBX3\_HUMAN | Chromobox protein homolog 3 (HECH) (Heterochromatin protein 1 homolog gamma) (HP1 gamma) (Modifier 2 protein) |
| PSMD2\_HUMAN | 26S proteasome non-ATPase regulatory subunit 2 (26S proteasome regulatory subunit RPN1) (26S proteasome regulatory subunit S2) (26S proteasome subunit p97) (Protein 55.11) (Tumor necrosis factor type 1 receptor-associated protein 2) |
| MYBPH\_HUMAN | Myosin-binding protein H (MyBP-H) (H-protein) |
| TBX2\_HUMAN | T-box transcription factor TBX2 (T-box protein 2) |
| DNJC3\_HUMAN | DnaJ homolog subfamily C member 3 (Endoplasmic reticulum DNA J domain-containing protein 6) (ER-resident protein ERdj6) (ERdj6) (Interferon-induced, double-stranded RNA-activated protein kinase inhibitor) (Protein kinase inhibitor of 58 kDa) (Protein kinase inhibitor p58) |
| SBP1\_HUMAN | Selenium-binding protein 1 (56 kDa selenium-binding protein) (SBP56) (SP56) |
| NDK3\_HUMAN | Nucleoside diphosphate kinase 3 (NDK 3) (NDP kinase 3) (EC 2.7.4.6) (DR-nm23) (Nucleoside diphosphate kinase C) (NDPKC) (nm23-H3) |
| TIF1B\_HUMAN | Transcription intermediary factor 1-beta (TIF1-beta) (E3 SUMO-protein ligase TRIM28) (EC 6.3.2.-) (KRAB-associated protein 1) (KAP-1) (KRAB-interacting protein 1) (KRIP-1) (Nuclear corepressor KAP-1) (RING finger protein 96) (Tripartite motif-containing protein 28) |
| G3BP1\_HUMAN | Ras GTPase-activating protein-binding protein 1 (G3BP-1) (EC 3.6.4.12) (EC 3.6.4.13) (ATP-dependent DNA helicase VIII) (hDH VIII) (GAP SH3 domain-binding protein 1) |
| PABP4\_HUMAN | Polyadenylate-binding protein 4 (PABP-4) (Poly(A)-binding protein 4) (Activated-platelet protein 1) (APP-1) (Inducible poly(A)-binding protein) (iPABP) |
| GRB10\_HUMAN | Growth factor receptor-bound protein 10 (GRB10 adapter protein) (Insulin receptor-binding protein Grb-IR) |
| SGCG\_HUMAN | Gamma-sarcoglycan (Gamma-SG) (35 kDa dystrophin-associated glycoprotein) (35DAG) |
| UT1\_HUMAN | Urea transporter 1 (Solute carrier family 14 member 1) (Urea transporter, erythrocyte) |
| EIF3I\_HUMAN | Eukaryotic translation initiation factor 3 subunit I (eIF3i) (Eukaryotic translation initiation factor 3 subunit 2) (TGF-beta receptor-interacting protein 1) (TRIP-1) (eIF-3-beta) (eIF3 p36) |
| MFAP5\_HUMAN | Microfibrillar-associated protein 5 (MFAP-5) (MP25) (Microfibril-associated glycoprotein 2) (MAGP-2) |
| 2A5G\_HUMAN | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform (PP2A B subunit isoform B'-gamma) (PP2A B subunit isoform B56-gamma) (PP2A B subunit isoform PR61-gamma) (PP2A B subunit isoform R5-gamma) (Renal carcinoma antigen NY-REN-29) |
| CTBP1\_HUMAN | C-terminal-binding protein 1 (CtBP1) (EC 1.1.1.-) |
| MYO7A\_HUMAN | Unconventional myosin-VIIa |
| UB2V1\_HUMAN | Ubiquitin-conjugating enzyme E2 variant 1 (UEV-1) (CROC-1) (TRAF6-regulated IKK activator 1 beta Uev1A) |
| RM49\_HUMAN | 39S ribosomal protein L49, mitochondrial (L49mt) (MRP-L49) (Neighbor of FAU) (NOF) (Protein NOF1) |
| DC1I2\_HUMAN | Cytoplasmic dynein 1 intermediate chain 2 (Cytoplasmic dynein intermediate chain 2) (Dynein intermediate chain 2, cytosolic) (DH IC-2) |
| ILK\_HUMAN | Integrin-linked protein kinase (EC 2.7.11.1) (59 kDa serine/threonine-protein kinase) (ILK-1) (ILK-2) (p59ILK) |
| NNTM\_HUMAN | NAD(P) transhydrogenase, mitochondrial (EC 1.6.1.2) (Nicotinamide nucleotide transhydrogenase) (Pyridine nucleotide transhydrogenase) |
| SNTA1\_HUMAN | Alpha-1-syntrophin (59 kDa dystrophin-associated protein A1 acidic component 1) (Pro-TGF-alpha cytoplasmic domain-interacting protein 1) (TACIP1) (Syntrophin-1) |
| SNTB2\_HUMAN | Beta-2-syntrophin (59 kDa dystrophin-associated protein A1 basic component 2) (Syntrophin-3) (SNT3) (Syntrophin-like) (SNTL) |
| PPIG\_HUMAN | Peptidyl-prolyl cis-trans isomerase G (PPIase G) (Peptidyl-prolyl isomerase G) (EC 5.2.1.8) (CASP10) (Clk-associating RS-cyclophilin) (CARS-Cyp) (CARS-cyclophilin) (SR-cyclophilin) (SR-cyp) (SRcyp) (Cyclophilin G) (Rotamase G) |
| TCOF\_HUMAN | Treacle protein (Treacher Collins syndrome protein) |
| SF3B2\_HUMAN | Splicing factor 3B subunit 2 (Pre-mRNA-splicing factor SF3b 145 kDa subunit) (SF3b145) (SF3b150) (Spliceosome-associated protein 145) (SAP 145) |
| GOGA4\_HUMAN | Golgin subfamily A member 4 (256 kDa golgin) (Golgin-245) (Protein 72.1) (Trans-Golgi p230) |
| HAP28\_HUMAN | 28 kDa heat- and acid-stable phosphoprotein (PDGF-associated protein) (PAP) (PDGFA-associated protein 1) (PAP1) |
| TMED1\_HUMAN | Transmembrane emp24 domain-containing protein 1 (Interleukin-1 receptor-like 1 ligand) (Putative T1/ST2 receptor-binding protein) (p24 family protein gamma-1) (Tp24) (p24gamma1) |
| FKBP5\_HUMAN | Peptidyl-prolyl cis-trans isomerase FKBP5 (PPIase FKBP5) (EC 5.2.1.8) (51 kDa FK506-binding protein) (51 kDa FKBP) (FKBP-51) (54 kDa progesterone receptor-associated immunophilin) (Androgen-regulated protein 6) (FF1 antigen) (FK506-binding protein 5) (FKBP-5) (FKBP54) (p54) (HSP90-binding immunophilin) (Rotamase) [Cleaved into: Peptidyl-prolyl cis-trans isomerase FKBP5, N-terminally processed] |
| ROCK1\_HUMAN | Rho-associated protein kinase 1 (EC 2.7.11.1) (Renal carcinoma antigen NY-REN-35) (Rho-associated, coiled-coil-containing protein kinase 1) (Rho-associated, coiled-coil-containing protein kinase I) (ROCK-I) (p160 ROCK-1) (p160ROCK) |
| BIRC2\_HUMAN | Baculoviral IAP repeat-containing protein 2 (EC 6.3.2.-) (C-IAP1) (IAP homolog B) (Inhibitor of apoptosis protein 2) (IAP-2) (hIAP-2) (hIAP2) (RING finger protein 48) (TNFR2-TRAF-signaling complex protein 2) |
| PICAL\_HUMAN | Phosphatidylinositol-binding clathrin assembly protein (Clathrin assembly lymphoid myeloid leukemia protein) |
| MTM1\_HUMAN | Myotubularin (Phosphatidylinositol-3,5-bisphosphate 3-phosphatase) (EC 3.1.3.95) (Phosphatidylinositol-3-phosphate phosphatase) (EC 3.1.3.64) |
| SQSTM\_HUMAN | Sequestosome-1 (EBI3-associated protein of 60 kDa) (EBIAP) (p60) (Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa) (Ubiquitin-binding protein p62) |
| MTX1\_HUMAN | Metaxin-1 (Mitochondrial outer membrane import complex protein 1) |
| NAR3\_HUMAN | Ecto-ADP-ribosyltransferase 3 (EC 2.4.2.31) (ADP-ribosyltransferase C2 and C3 toxin-like 3) (ARTC3) (Mono(ADP-ribosyl)transferase 3) (NAD(P)(+)--arginine ADP-ribosyltransferase 3) |
| TBB3\_HUMAN | Tubulin beta-3 chain (Tubulin beta-4 chain) (Tubulin beta-III) |
| ASAH1\_HUMAN | Acid ceramidase (AC) (ACDase) (Acid CDase) (EC 3.5.1.23) (Acylsphingosine deacylase) (N-acylsphingosine amidohydrolase) (Putative 32 kDa heart protein) (PHP32) [Cleaved into: Acid ceramidase subunit alpha; Acid ceramidase subunit beta] |
| PPR1A\_HUMAN | Protein phosphatase 1 regulatory subunit 1A (Protein phosphatase inhibitor 1) (I-1) (IPP-1) |
| PRP4B\_HUMAN | Serine/threonine-protein kinase PRP4 homolog (EC 2.7.11.1) (PRP4 kinase) (PRP4 pre-mRNA-processing factor 4 homolog) |
| PIN1\_HUMAN | Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase Pin1) (PPIase Pin1) (Rotamase Pin1) |
| ATR\_HUMAN | Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) (FRAP-related protein 1) |
| 4EBP1\_HUMAN | Eukaryotic translation initiation factor 4E-binding protein 1 (4E-BP1) (eIF4E-binding protein 1) (Phosphorylated heat- and acid-stable protein regulated by insulin 1) (PHAS-I) |
| 4EBP2\_HUMAN | Eukaryotic translation initiation factor 4E-binding protein 2 (4E-BP2) (eIF4E-binding protein 2) |
| HDAC1\_HUMAN | Histone deacetylase 1 (HD1) (EC 3.5.1.98) |
| KCC2B\_HUMAN | Calcium/calmodulin-dependent protein kinase type II subunit beta (CaM kinase II subunit beta) (CaMK-II subunit beta) (EC 2.7.11.17) |
| KCC2G\_HUMAN | Calcium/calmodulin-dependent protein kinase type II subunit gamma (CaM kinase II subunit gamma) (CaMK-II subunit gamma) (EC 2.7.11.17) |
| KCC2D\_HUMAN | Calcium/calmodulin-dependent protein kinase type II subunit delta (CaM kinase II subunit delta) (CaMK-II subunit delta) (EC 2.7.11.17) |
| DCTN2\_HUMAN | Dynactin subunit 2 (50 kDa dynein-associated polypeptide) (Dynactin complex 50 kDa subunit) (DCTN-50) (p50 dynamitin) |
| ULA1\_HUMAN | NEDD8-activating enzyme E1 regulatory subunit (Amyloid beta precursor protein-binding protein 1, 59 kDa) (APP-BP1) (Amyloid protein-binding protein 1) (Proto-oncogene protein 1) |
| SNW1\_HUMAN | SNW domain-containing protein 1 (Nuclear protein SkiP) (Nuclear receptor coactivator NCoA-62) (Ski-interacting protein) |
| DGKZ\_HUMAN | Diacylglycerol kinase zeta (DAG kinase zeta) (EC 2.7.1.107) (Diglyceride kinase zeta) (DGK-zeta) |
| MTR1L\_HUMAN | Melatonin-related receptor (G protein-coupled receptor 50) (H9) |
| STIM1\_HUMAN | Stromal interaction molecule 1 |
| TRA2A\_HUMAN | Transformer-2 protein homolog alpha (TRA-2 alpha) (TRA2-alpha) (Transformer-2 protein homolog A) |
| SNX1\_HUMAN | Sorting nexin-1 |
| KRR1\_HUMAN | KRR1 small subunit processome component homolog (HIV-1 Rev-binding protein 2) (KRR-R motif-containing protein 1) (Rev-interacting protein 1) (Rip-1) |
| PWP1\_HUMAN | Periodic tryptophan protein 1 homolog (Keratinocyte protein IEF SSP 9502) |
| MTMR3\_HUMAN | Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein phosphatase 1) (FYVE-DSP1) (Phosphatidylinositol-3,5-bisphosphate 3-phosphatase) (EC 3.1.3.95) (Phosphatidylinositol-3-phosphate phosphatase) (EC 3.1.3.64) (Zinc finger FYVE domain-containing protein 10) |
| CUL1\_HUMAN | Cullin-1 (CUL-1) |
| CUL2\_HUMAN | Cullin-2 (CUL-2) |
| CUL3\_HUMAN | Cullin-3 (CUL-3) |
| CUL4A\_HUMAN | Cullin-4A (CUL-4A) |
| CUL4B\_HUMAN | Cullin-4B (CUL-4B) |
| DYR1A\_HUMAN | Dual specificity tyrosine-phosphorylation-regulated kinase 1A (EC 2.7.12.1) (Dual specificity YAK1-related kinase) (HP86) (Protein kinase minibrain homolog) (MNBH) (hMNB) |
| FHL1\_HUMAN | Four and a half LIM domains protein 1 (FHL-1) (Skeletal muscle LIM-protein 1) (SLIM) (SLIM-1) |
| FHL3\_HUMAN | Four and a half LIM domains protein 3 (FHL-3) (Skeletal muscle LIM-protein 2) (SLIM-2) |
| ITA7\_HUMAN | Integrin alpha-7 [Cleaved into: Integrin alpha-7 heavy chain; Integrin alpha-7 light chain; Integrin alpha-7 70 kDa form] |
| CAC1S\_HUMAN | Voltage-dependent L-type calcium channel subunit alpha-1S (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle) (Voltage-gated calcium channel subunit alpha Cav1.1) |
| MOGS\_HUMAN | Mannosyl-oligosaccharide glucosidase (EC 3.2.1.106) (Processing A-glucosidase I) |
| NACA\_HUMAN | Nascent polypeptide-associated complex subunit alpha (NAC-alpha) (Alpha-NAC) (allergen Hom s 2) |
| APOF\_HUMAN | Apolipoprotein F (Apo-F) (Lipid transfer inhibitor protein) (LTIP) |
| SPTN1\_HUMAN | Spectrin alpha chain, non-erythrocytic 1 (Alpha-II spectrin) (Fodrin alpha chain) (Spectrin, non-erythroid alpha subunit) |
| AUHM\_HUMAN | Methylglutaconyl-CoA hydratase, mitochondrial (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) |
| PKP1\_HUMAN | Plakophilin-1 (Band 6 protein) (B6P) |
| DX39B\_HUMAN | Spliceosome RNA helicase DDX39B (EC 3.6.4.13) (56 kDa U2AF65-associated protein) (ATP-dependent RNA helicase p47) (DEAD box protein UAP56) (HLA-B-associated transcript 1 protein) |
| BLMH\_HUMAN | Bleomycin hydrolase (BH) (BLM hydrolase) (BMH) (EC 3.4.22.40) |
| BMPR2\_HUMAN | Bone morphogenetic protein receptor type-2 (BMP type-2 receptor) (BMPR-2) (EC 2.7.11.30) (Bone morphogenetic protein receptor type II) (BMP type II receptor) (BMPR-II) |
| SNTB1\_HUMAN | Beta-1-syntrophin (59 kDa dystrophin-associated protein A1 basic component 1) (DAPA1B) (BSYN2) (Syntrophin-2) (Tax interaction protein 43) (TIP-43) |
| TBB2A\_HUMAN | Tubulin beta-2A chain (Tubulin beta class IIa) |
| KLF5\_HUMAN | Krueppel-like factor 5 (Basic transcription element-binding protein 2) (BTE-binding protein 2) (Colon krueppel-like factor) (GC-box-binding protein 2) (Intestinal-enriched krueppel-like factor) (Transcription factor BTEB2) |
| RPGF1\_HUMAN | Rap guanine nucleotide exchange factor 1 (CRK SH3-binding GNRP) (Guanine nucleotide-releasing factor 2) (Protein C3G) |
| IDI1\_HUMAN | Isopentenyl-diphosphate Delta-isomerase 1 (EC 5.3.3.2) (Isopentenyl pyrophosphate isomerase 1) (IPP isomerase 1) (IPPI1) |
| CAC1C\_HUMAN | Voltage-dependent L-type calcium channel subunit alpha-1C (Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle) (Voltage-gated calcium channel subunit alpha Cav1.2) |
| CASP\_HUMAN | Protein CASP |
| PEBB\_HUMAN | Core-binding factor subunit beta (CBF-beta) (Polyomavirus enhancer-binding protein 2 beta subunit) (PEA2-beta) (PEBP2-beta) (SL3-3 enhancer factor 1 subunit beta) (SL3/AKV core-binding factor beta subunit) |
| KGP1\_HUMAN | cGMP-dependent protein kinase 1 (cGK 1) (cGK1) (EC 2.7.11.12) (cGMP-dependent protein kinase I) (cGKI) |
| CDK13\_HUMAN | Cyclin-dependent kinase 13 (EC 2.7.11.22) (EC 2.7.11.23) (CDC2-related protein kinase 5) (Cell division cycle 2-like protein kinase 5) (Cell division protein kinase 13) (hCDK13) (Cholinesterase-related cell division controller) |
| CKAP5\_HUMAN | Cytoskeleton-associated protein 5 (Colonic and hepatic tumor overexpressed gene protein) (Ch-TOG) |
| CIRBP\_HUMAN | Cold-inducible RNA-binding protein (A18 hnRNP) (Glycine-rich RNA-binding protein CIRP) |
| COTL1\_HUMAN | Coactosin-like protein |
| CNGB1\_HUMAN | Cyclic nucleotide-gated cation channel beta-1 (Cyclic nucleotide-gated cation channel 4) (CNG channel 4) (CNG-4) (CNG4) (Cyclic nucleotide-gated cation channel gamma) (Cyclic nucleotide-gated cation channel modulatory subunit) (Cyclic nucleotide-gated channel beta-1) (CNG channel beta-1) (Glutamic acid-rich protein) (GARP) |
| CO4A6\_HUMAN | Collagen alpha-6(IV) chain |
| COX17\_HUMAN | Cytochrome c oxidase copper chaperone |
| HNRPD\_HUMAN | Heterogeneous nuclear ribonucleoprotein D0 (hnRNP D0) (AU-rich element RNA-binding protein 1) |
| SCRB2\_HUMAN | Lysosome membrane protein 2 (85 kDa lysosomal membrane sialoglycoprotein) (LGP85) (CD36 antigen-like 2) (Lysosome membrane protein II) (LIMP II) (Scavenger receptor class B member 2) (CD antigen CD36) |
| NID2\_HUMAN | Nidogen-2 (NID-2) (Osteonidogen) |
| IL18\_HUMAN | Interleukin-18 (IL-18) (Iboctadekin) (Interferon gamma-inducing factor) (IFN-gamma-inducing factor) (Interleukin-1 gamma) (IL-1 gamma) |
| DAG1\_HUMAN | Dystroglycan (Dystrophin-associated glycoprotein 1) [Cleaved into: Alpha-dystroglycan (Alpha-DG); Beta-dystroglycan (Beta-DG)] |
| VEZF1\_HUMAN | Vascular endothelial zinc finger 1 (Putative transcription factor DB1) (Zinc finger protein 161) |
| DSG2\_HUMAN | Desmoglein-2 (Cadherin family member 5) (HDGC) |
| BOP1\_HUMAN | Ribosome biogenesis protein BOP1 (Block of proliferation 1 protein) |
| UBE4A\_HUMAN | Ubiquitin conjugation factor E4 A (EC 6.3.2.-) |
| URB2\_HUMAN | Unhealthy ribosome biogenesis protein 2 homolog |
| MORC3\_HUMAN | MORC family CW-type zinc finger protein 3 (Zinc finger CW-type coiled-coil domain protein 3) |
| EIF3A\_HUMAN | Eukaryotic translation initiation factor 3 subunit A (eIF3a) (Eukaryotic translation initiation factor 3 subunit 10) (eIF-3-theta) (eIF3 p167) (eIF3 p180) (eIF3 p185) |
| FA53B\_HUMAN | Protein FAM53B |
| ARHG7\_HUMAN | Rho guanine nucleotide exchange factor 7 (Beta-Pix) (COOL-1) (PAK-interacting exchange factor beta) (p85) |
| EFR3A\_HUMAN | Protein EFR3 homolog A (Protein EFR3-like) |
| UBP2L\_HUMAN | Ubiquitin-associated protein 2-like (Protein NICE-4) |
| SCRIB\_HUMAN | Protein scribble homolog (Scribble) (hScrib) (Protein LAP4) |
| GIT2\_HUMAN | ARF GTPase-activating protein GIT2 (ARF GAP GIT2) (Cool-interacting tyrosine-phosphorylated protein 2) (CAT-2) (CAT2) (G protein-coupled receptor kinase-interactor 2) (GRK-interacting protein 2) |
| MLEC\_HUMAN | Malectin |
| TTL12\_HUMAN | Tubulin--tyrosine ligase-like protein 12 |
| FHL2\_HUMAN | Four and a half LIM domains protein 2 (FHL-2) (LIM domain protein DRAL) (Skeletal muscle LIM-protein 3) (SLIM-3) |
| DPYL1\_HUMAN | Dihydropyrimidinase-related protein 1 (DRP-1) (Collapsin response mediator protein 1) (CRMP-1) (Unc-33-like phosphoprotein 3) (ULIP-3) |
| DPYL3\_HUMAN | Dihydropyrimidinase-related protein 3 (DRP-3) (Collapsin response mediator protein 4) (CRMP-4) (Unc-33-like phosphoprotein 1) (ULIP-1) |
| ICT1\_HUMAN | Peptidyl-tRNA hydrolase ICT1, mitochondrial (EC 3.1.1.29) (39S ribosomal protein L58, mitochondrial) (MRP-L58) (Digestion substraction 1) (DS-1) (Immature colon carcinoma transcript 1 protein) |
| DCTN1\_HUMAN | Dynactin subunit 1 (150 kDa dynein-associated polypeptide) (DAP-150) (DP-150) (p135) (p150-glued) |
| DYHC1\_HUMAN | Cytoplasmic dynein 1 heavy chain 1 (Cytoplasmic dynein heavy chain 1) (Dynein heavy chain, cytosolic) |
| EI2BA\_HUMAN | Translation initiation factor eIF-2B subunit alpha (eIF-2B GDP-GTP exchange factor subunit alpha) |
| IF4A2\_HUMAN | Eukaryotic initiation factor 4A-II (eIF-4A-II) (eIF4A-II) (EC 3.6.4.13) (ATP-dependent RNA helicase eIF4A-2) [Cleaved into: Eukaryotic initiation factor 4A-II, N-terminally processed] |
| SRC8\_HUMAN | Src substrate cortactin (Amplaxin) (Oncogene EMS1) |
| NUCG\_HUMAN | Endonuclease G, mitochondrial (Endo G) (EC 3.1.30.-) |
| FLOT2\_HUMAN | Flotillin-2 (Epidermal surface antigen) (ESA) (Membrane component chromosome 17 surface marker 1) |
| RCN2\_HUMAN | Reticulocalbin-2 (Calcium-binding protein ERC-55) (E6-binding protein) (E6BP) |
| TRI25\_HUMAN | E3 ubiquitin/ISG15 ligase TRIM25 (EC 6.3.2.n3) (Estrogen-responsive finger protein) (RING finger protein 147) (RING-type E3 ubiquitin transferase) (EC 2.3.2.27) (Tripartite motif-containing protein 25) (Ubiquitin/ISG15-conjugating enzyme TRIM25) (Zinc finger protein 147) |
| FLNC\_HUMAN | Filamin-C (FLN-C) (FLNc) (ABP-280-like protein) (ABP-L) (Actin-binding-like protein) (Filamin-2) (Gamma-filamin) |
| FKBP8\_HUMAN | Peptidyl-prolyl cis-trans isomerase FKBP8 (PPIase FKBP8) (EC 5.2.1.8) (38 kDa FK506-binding protein) (38 kDa FKBP) (FKBP-38) (hFKBP38) (FK506-binding protein 8) (FKBP-8) (FKBPR38) (Rotamase) |
| MYPC2\_HUMAN | Myosin-binding protein C, fast-type (Fast MyBP-C) (C-protein, skeletal muscle fast isoform) |
| FRG1\_HUMAN | Protein FRG1 (FSHD region gene 1 protein) |
| GNA13\_HUMAN | Guanine nucleotide-binding protein subunit alpha-13 (G alpha-13) (G-protein subunit alpha-13) |
| GAMT\_HUMAN | Guanidinoacetate N-methyltransferase (EC 2.1.1.2) |
| GLPK3\_HUMAN | Putative glycerol kinase 3 (GK 3) (Glycerokinase 3) (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase 3) (Glycerol kinase, testis specific 1) |
| CAPR1\_HUMAN | Caprin-1 (Cell cycle-associated protein 1) (Cytoplasmic activation- and proliferation-associated protein 1) (GPI-anchored membrane protein 1) (GPI-anchored protein p137) (GPI-p137) (p137GPI) (Membrane component chromosome 11 surface marker 1) (RNA granule protein 105) |
| BECN1\_HUMAN | Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [Cleaved into: Beclin-1-C 35 kDa; Beclin-1-C 37 kDa] |
| RBM39\_HUMAN | RNA-binding protein 39 (CAPER alpha) (Hepatocellular carcinoma protein 1) (RNA-binding motif protein 39) (RNA-binding region-containing protein 2) (Splicing factor HCC1) |
| SPRL1\_HUMAN | SPARC-like protein 1 (High endothelial venule protein) (Hevin) (MAST 9) |
| KT33B\_HUMAN | Keratin, type I cuticular Ha3-II (Hair keratin, type I Ha3-II) (Keratin-33B) (K33B) |
| KPRA\_HUMAN | Phosphoribosyl pyrophosphate synthase-associated protein 1 (PRPP synthase-associated protein 1) (39 kDa phosphoribosypyrophosphate synthase-associated protein) (PAP39) |
| HS902\_HUMAN | Heat shock protein HSP 90-alpha A2 (Heat shock 90 kDa protein 1 alpha-like 3) (Heat shock protein HSP 90-alpha A2 pseudogene) |
| ITIH4\_HUMAN | Inter-alpha-trypsin inhibitor heavy chain H4 (ITI heavy chain H4) (ITI-HC4) (Inter-alpha-inhibitor heavy chain 4) (Inter-alpha-trypsin inhibitor family heavy chain-related protein) (IHRP) (Plasma kallikrein sensitive glycoprotein 120) (Gp120) (PK-120) [Cleaved into: 70 kDa inter-alpha-trypsin inhibitor heavy chain H4; 35 kDa inter-alpha-trypsin inhibitor heavy chain H4] |
| ITPR1\_HUMAN | Inositol 1,4,5-trisphosphate receptor type 1 (IP3 receptor isoform 1) (IP3R 1) (InsP3R1) (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) |
| PLSI\_HUMAN | Plastin-1 (Intestine-specific plastin) (I-plastin) |
| LAGE3\_HUMAN | EKC/KEOPS complex subunit LAGE3 (L antigen family member 3) (Protein ESO-3) (Protein ITBA2) |
| TRIPC\_HUMAN | E3 ubiquitin-protein ligase TRIP12 (EC 6.3.2.-) (E3 ubiquitin-protein ligase for Arf) (ULF) (Thyroid receptor-interacting protein 12) (TR-interacting protein 12) (TRIP-12) |
| PUM1\_HUMAN | Pumilio homolog 1 (HsPUM) (Pumilio-1) |
| MDC1\_HUMAN | Mediator of DNA damage checkpoint protein 1 (Nuclear factor with BRCT domains 1) |
| EPN4\_HUMAN | Clathrin interactor 1 (Clathrin-interacting protein localized in the trans-Golgi region) (Clint) (Enthoprotin) (Epsin-4) (Epsin-related protein) (EpsinR) |
| KANK1\_HUMAN | KN motif and ankyrin repeat domain-containing protein 1 (Ankyrin repeat domain-containing protein 15) (Kidney ankyrin repeat-containing protein) |
| SMC1A\_HUMAN | Structural maintenance of chromosomes protein 1A (SMC protein 1A) (SMC-1-alpha) (SMC-1A) (Sb1.8) |
| GSE1\_HUMAN | Genetic suppressor element 1 |
| DIP2A\_HUMAN | Disco-interacting protein 2 homolog A (DIP2 homolog A) |
| LPIN1\_HUMAN | Phosphatidate phosphatase LPIN1 (EC 3.1.3.4) (Lipin-1) |
| UBP10\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 10 (EC 3.4.19.12) (Deubiquitinating enzyme 10) (Ubiquitin thioesterase 10) (Ubiquitin-specific-processing protease 10) |
| MESD\_HUMAN | LDLR chaperone MESD (Mesoderm development candidate 2) (Mesoderm development protein) (Renal carcinoma antigen NY-REN-61) |
| GANAB\_HUMAN | Neutral alpha-glucosidase AB (EC 3.2.1.84) (Alpha-glucosidase 2) (Glucosidase II subunit alpha) |
| RFTN1\_HUMAN | Raftlin (Cell migration-inducing gene 2 protein) (Raft-linking protein) |
| SSPN\_HUMAN | Sarcospan (K-ras oncogene-associated protein) (Kirsten-ras-associated protein) |
| KCAB1\_HUMAN | Voltage-gated potassium channel subunit beta-1 (EC 1.1.1.-) (K(+) channel subunit beta-1) (Kv-beta-1) |
| 2A5D\_HUMAN | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform (PP2A B subunit isoform B'-delta) (PP2A B subunit isoform B56-delta) (PP2A B subunit isoform PR61-delta) (PP2A B subunit isoform R5-delta) |
| LBR\_HUMAN | Lamin-B receptor (Integral nuclear envelope inner membrane protein) (LMN2R) |
| MVP\_HUMAN | Major vault protein (MVP) (Lung resistance-related protein) |
| LTBP2\_HUMAN | Latent-transforming growth factor beta-binding protein 2 (LTBP-2) |
| GOGB1\_HUMAN | Golgin subfamily B member 1 (372 kDa Golgi complex-associated protein) (GCP372) (Giantin) (Macrogolgin) |
| NAA30\_HUMAN | N-alpha-acetyltransferase 30 (EC 2.3.1.88) (N-acetyltransferase 12) (N-acetyltransferase MAK3 homolog) (NatC catalytic subunit) |
| KIF22\_HUMAN | Kinesin-like protein KIF22 (Kinesin-like DNA-binding protein) (Kinesin-like protein 4) |
| MEF2D\_HUMAN | Myocyte-specific enhancer factor 2D |
| GRM3\_HUMAN | Metabotropic glutamate receptor 3 (mGluR3) |
| LASP1\_HUMAN | LIM and SH3 domain protein 1 (LASP-1) (Metastatic lymph node gene 50 protein) (MLN 50) |
| CRYM\_HUMAN | Ketimine reductase mu-crystallin (EC 1.5.1.25) (NADP-regulated thyroid-hormone-binding protein) |
| PTGR1\_HUMAN | Prostaglandin reductase 1 (PRG-1) (EC 1.3.1.-) (15-oxoprostaglandin 13-reductase) (EC 1.3.1.48) (NADP-dependent leukotriene B4 12-hydroxydehydrogenase) (EC 1.3.1.74) |
| NFIX\_HUMAN | Nuclear factor 1 X-type (NF1-X) (Nuclear factor 1/X) (CCAAT-box-binding transcription factor) (CTF) (Nuclear factor I/X) (NF-I/X) (NFI-X) (TGGCA-binding protein) |
| GPNMB\_HUMAN | Transmembrane glycoprotein NMB (Transmembrane glycoprotein HGFIN) |
| ZN638\_HUMAN | Zinc finger protein 638 (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL-associated antigen se33-1) (Nuclear protein 220) (Zinc finger matrin-like protein) |
| IMB1\_HUMAN | Importin subunit beta-1 (Importin-90) (Karyopherin subunit beta-1) (Nuclear factor p97) (Pore targeting complex 97 kDa subunit) (PTAC97) |
| NOLC1\_HUMAN | Nucleolar and coiled-body phosphoprotein 1 (140 kDa nucleolar phosphoprotein) (Nopp140) (Hepatitis C virus NS5A-transactivated protein 13) (HCV NS5A-transactivated protein 13) (Nucleolar 130 kDa protein) (Nucleolar phosphoprotein p130) |
| NUMA1\_HUMAN | Nuclear mitotic apparatus protein 1 (NuMA protein) (Nuclear matrix protein-22) (NMP-22) (SP-H antigen) |
| PSME4\_HUMAN | Proteasome activator complex subunit 4 (Proteasome activator PA200) |
| SLMAP\_HUMAN | Sarcolemmal membrane-associated protein (Sarcolemmal-associated protein) |
| GAPD1\_HUMAN | GTPase-activating protein and VPS9 domain-containing protein 1 (GAPex-5) (Rab5-activating protein 6) |
| SPCS2\_HUMAN | Signal peptidase complex subunit 2 (EC 3.4.-.-) (Microsomal signal peptidase 25 kDa subunit) (SPase 25 kDa subunit) |
| EMC2\_HUMAN | ER membrane protein complex subunit 2 (Tetratricopeptide repeat protein 35) (TPR repeat protein 35) |
| PSMD6\_HUMAN | 26S proteasome non-ATPase regulatory subunit 6 (26S proteasome regulatory subunit RPN7) (26S proteasome regulatory subunit S10) (Breast cancer-associated protein SGA-113M) (Phosphonoformate immuno-associated protein 4) (Proteasome regulatory particle subunit p44S10) (p42A) |
| F175B\_HUMAN | BRISC complex subunit Abro1 (Abraxas brother protein 1) (Protein FAM175B) |
| SEPT2\_HUMAN | Septin-2 (Neural precursor cell expressed developmentally down-regulated protein 5) (NEDD-5) |
| SART3\_HUMAN | Squamous cell carcinoma antigen recognized by T-cells 3 (SART-3) (Tat-interacting protein of 110 kDa) (Tip110) (p110 nuclear RNA-binding protein) |
| U5S1\_HUMAN | 116 kDa U5 small nuclear ribonucleoprotein component (Elongation factor Tu GTP-binding domain-containing protein 2) (SNU114 homolog) (hSNU114) (U5 snRNP-specific protein, 116 kDa) (U5-116 kDa) |
| SYLM\_HUMAN | Probable leucine--tRNA ligase, mitochondrial (EC 6.1.1.4) (Leucyl-tRNA synthetase) (LeuRS) |
| R3HD1\_HUMAN | R3H domain-containing protein 1 |
| SNX17\_HUMAN | Sorting nexin-17 |
| AR6P1\_HUMAN | ADP-ribosylation factor-like protein 6-interacting protein 1 (ARL-6-interacting protein 1) (Aip-1) |
| RB3GP\_HUMAN | Rab3 GTPase-activating protein catalytic subunit (RAB3 GTPase-activating protein 130 kDa subunit) (Rab3-GAP p130) (Rab3-GAP) |
| SYK\_HUMAN | Lysine--tRNA ligase (EC 6.1.1.6) (Lysyl-tRNA synthetase) (LysRS) |
| RRS1\_HUMAN | Ribosome biogenesis regulatory protein homolog |
| ARHG6\_HUMAN | Rho guanine nucleotide exchange factor 6 (Alpha-Pix) (COOL-2) (PAK-interacting exchange factor alpha) (Rac/Cdc42 guanine nucleotide exchange factor 6) |
| IF4H\_HUMAN | Eukaryotic translation initiation factor 4H (eIF-4H) (Williams-Beuren syndrome chromosomal region 1 protein) |
| POSTN\_HUMAN | Periostin (PN) (Osteoblast-specific factor 2) (OSF-2) |
| ACOX1\_HUMAN | Peroxisomal acyl-coenzyme A oxidase 1 (AOX) (EC 1.3.3.6) (Palmitoyl-CoA oxidase) (Straight-chain acyl-CoA oxidase) (SCOX) |
| OXA1L\_HUMAN | Mitochondrial inner membrane protein OXA1L (Hsa) (OXA1Hs) (Oxidase assembly 1-like protein) (OXA1-like protein) |
| EEA1\_HUMAN | Early endosome antigen 1 (Endosome-associated protein p162) (Zinc finger FYVE domain-containing protein 2) |
| PDIA6\_HUMAN | Protein disulfide-isomerase A6 (EC 5.3.4.1) (Endoplasmic reticulum protein 5) (ER protein 5) (ERp5) (Protein disulfide isomerase P5) (Thioredoxin domain-containing protein 7) |
| PA1B3\_HUMAN | Platelet-activating factor acetylhydrolase IB subunit gamma (EC 3.1.1.47) (PAF acetylhydrolase 29 kDa subunit) (PAF-AH 29 kDa subunit) (PAF-AH subunit gamma) (PAFAH subunit gamma) |
| RAGE\_HUMAN | Advanced glycosylation end product-specific receptor (Receptor for advanced glycosylation end products) |
| PLCL1\_HUMAN | Inactive phospholipase C-like protein 1 (PLC-L1) (Phospholipase C-deleted in lung carcinoma) (Phospholipase C-related but catalytically inactive protein) (PRIP) |
| PCOC1\_HUMAN | Procollagen C-endopeptidase enhancer 1 (Procollagen COOH-terminal proteinase enhancer 1) (PCPE-1) (Procollagen C-proteinase enhancer 1) (Type 1 procollagen C-proteinase enhancer protein) (Type I procollagen COOH-terminal proteinase enhancer) |
| PDK1\_HUMAN | [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 1) (PDH kinase 1) |
| PDK2\_HUMAN | [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) (PDH kinase 2) (PDKII) |
| PDK3\_HUMAN | [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 3) |
| PEA15\_HUMAN | Astrocytic phosphoprotein PEA-15 (15 kDa phosphoprotein enriched in astrocytes) (Phosphoprotein enriched in diabetes) (PED) |
| PGM5\_HUMAN | Phosphoglucomutase-like protein 5 (Aciculin) (Phosphoglucomutase-related protein) (PGM-RP) |
| EBP\_HUMAN | 3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase (EC 5.3.3.5) (Cholestenol Delta-isomerase) (Delta(8)-Delta(7) sterol isomerase) (D8-D7 sterol isomerase) (Emopamil-binding protein) |
| PMVK\_HUMAN | Phosphomevalonate kinase (PMKase) (hPMK) (EC 2.7.4.2) |
| KPCD1\_HUMAN | Serine/threonine-protein kinase D1 (EC 2.7.11.13) (Protein kinase C mu type) (Protein kinase D) (nPKC-D1) (nPKC-mu) |
| PLEC\_HUMAN | Plectin (PCN) (PLTN) (Hemidesmosomal protein 1) (HD1) (Plectin-1) |
| PCM1\_HUMAN | Pericentriolar material 1 protein (PCM-1) (hPCM-1) |
| NOMO1\_HUMAN | Nodal modulator 1 (pM5 protein) |
| 2A5A\_HUMAN | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform (PP2A B subunit isoform B'-alpha) (PP2A B subunit isoform B56-alpha) (PP2A B subunit isoform PR61-alpha) (PR61alpha) (PP2A B subunit isoform R5-alpha) |
| IPYR\_HUMAN | Inorganic pyrophosphatase (EC 3.6.1.1) (Pyrophosphate phospho-hydrolase) (PPase) |
| TEBP\_HUMAN | Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Hsp90 co-chaperone) (Progesterone receptor complex p23) (Telomerase-binding protein p23) |
| PLGA\_HUMAN | Plasminogen-like protein A (Plasminogen-like protein A1) (Plasminogen-related protein A) |
| STK38\_HUMAN | Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nuclear Dbf2-related kinase 1) |
| NONO\_HUMAN | Non-POU domain-containing octamer-binding protein (NonO protein) (54 kDa nuclear RNA- and DNA-binding protein) (55 kDa nuclear protein) (DNA-binding p52/p100 complex, 52 kDa subunit) (NMT55) (p54(nrb)) (p54nrb) |
| PTPA\_HUMAN | Serine/threonine-protein phosphatase 2A activator (EC 5.2.1.8) (PP2A, subunit B', PR53 isoform) (Phosphotyrosyl phosphatase activator) (PTPA) (Serine/threonine-protein phosphatase 2A regulatory subunit 4) (Serine/threonine-protein phosphatase 2A regulatory subunit B') |
| RABE1\_HUMAN | Rab GTPase-binding effector protein 1 (Rabaptin-4) (Rabaptin-5) (Rabaptin-5alpha) (Renal carcinoma antigen NY-REN-17) |
| RAB35\_HUMAN | Ras-related protein Rab-35 (GTP-binding protein RAY) (Ras-related protein Rab-1C) |
| RCN1\_HUMAN | Reticulocalbin-1 |
| RBP1\_HUMAN | RalA-binding protein 1 (RalBP1) (76 kDa Ral-interacting protein) (Dinitrophenyl S-glutathione ATPase) (DNP-SG ATPase) (Ral-interacting protein 1) |
| K1H1\_HUMAN | Keratin, type I cuticular Ha1 (Hair keratin, type I Ha1) (Keratin-31) (K31) |
| ANKR1\_HUMAN | Ankyrin repeat domain-containing protein 1 (Cardiac ankyrin repeat protein) (Cytokine-inducible gene C-193 protein) (Cytokine-inducible nuclear protein) |
| KS6A2\_HUMAN | Ribosomal protein S6 kinase alpha-2 (S6K-alpha-2) (EC 2.7.11.1) (90 kDa ribosomal protein S6 kinase 2) (p90-RSK 2) (p90RSK2) (MAP kinase-activated protein kinase 1c) (MAPK-activated protein kinase 1c) (MAPKAP kinase 1c) (MAPKAPK-1c) (Ribosomal S6 kinase 3) (RSK-3) (pp90RSK3) |
| TMED2\_HUMAN | Transmembrane emp24 domain-containing protein 2 (Membrane protein p24A) (p24) (p24 family protein beta-1) (p24beta1) |
| PCBP1\_HUMAN | Poly(rC)-binding protein 1 (Alpha-CP1) (Heterogeneous nuclear ribonucleoprotein E1) (hnRNP E1) (Nucleic acid-binding protein SUB2.3) |
| PCBP2\_HUMAN | Poly(rC)-binding protein 2 (Alpha-CP2) (Heterogeneous nuclear ribonucleoprotein E2) (hnRNP E2) |
| ELOC\_HUMAN | Transcription elongation factor B polypeptide 1 (Elongin 15 kDa subunit) (Elongin-C) (EloC) (RNA polymerase II transcription factor SIII subunit C) (SIII p15) |
| ELOB\_HUMAN | Transcription elongation factor B polypeptide 2 (Elongin 18 kDa subunit) (Elongin-B) (EloB) (RNA polymerase II transcription factor SIII subunit B) (SIII p18) |
| RHEB\_HUMAN | GTP-binding protein Rheb (Ras homolog enriched in brain) |
| UBE3C\_HUMAN | Ubiquitin-protein ligase E3C (EC 6.3.2.-) (HectH2) |
| TOM20\_HUMAN | Mitochondrial import receptor subunit TOM20 homolog (Mitochondrial 20 kDa outer membrane protein) (Outer mitochondrial membrane receptor Tom20) |
| DHC24\_HUMAN | Delta(24)-sterol reductase (EC 1.3.1.72) (24-dehydrocholesterol reductase) (3-beta-hydroxysterol delta-24-reductase) (Diminuto/dwarf1 homolog) (Seladin-1) |
| SF3B3\_HUMAN | Splicing factor 3B subunit 3 (Pre-mRNA-splicing factor SF3b 130 kDa subunit) (SF3b130) (STAF130) (Spliceosome-associated protein 130) (SAP 130) |
| DLGP5\_HUMAN | Disks large-associated protein 5 (DAP-5) (Discs large homolog 7) (Disks large-associated protein DLG7) (Hepatoma up-regulated protein) (HURP) |
| RSU1\_HUMAN | Ras suppressor protein 1 (RSP-1) (Rsu-1) |
| RYR3\_HUMAN | Ryanodine receptor 3 (RYR-3) (RyR3) (Brain ryanodine receptor-calcium release channel) (Brain-type ryanodine receptor) (Type 3 ryanodine receptor) |
| CNN3\_HUMAN | Calponin-3 (Calponin, acidic isoform) |
| KS6A1\_HUMAN | Ribosomal protein S6 kinase alpha-1 (S6K-alpha-1) (EC 2.7.11.1) (90 kDa ribosomal protein S6 kinase 1) (p90-RSK 1) (p90RSK1) (p90S6K) (MAP kinase-activated protein kinase 1a) (MAPK-activated protein kinase 1a) (MAPKAP kinase 1a) (MAPKAPK-1a) (Ribosomal S6 kinase 1) (RSK-1) |
| SAFB1\_HUMAN | Scaffold attachment factor B1 (SAF-B) (SAF-B1) (HSP27 estrogen response element-TATA box-binding protein) (HSP27 ERE-TATA-binding protein) |
| SF3A2\_HUMAN | Splicing factor 3A subunit 2 (SF3a66) (Spliceosome-associated protein 62) (SAP 62) |
| SYCP1\_HUMAN | Synaptonemal complex protein 1 (SCP-1) (Cancer/testis antigen 8) (CT8) |
| PP1R7\_HUMAN | Protein phosphatase 1 regulatory subunit 7 (Protein phosphatase 1 regulatory subunit 22) |
| SC23A\_HUMAN | Protein transport protein Sec23A (SEC23-related protein A) |
| CYH1\_HUMAN | Cytohesin-1 (PH, SEC7 and coiled-coil domain-containing protein 1) (SEC7 homolog B2-1) |
| SF3A1\_HUMAN | Splicing factor 3A subunit 1 (SF3a120) (Spliceosome-associated protein 114) (SAP 114) |
| SKIV2\_HUMAN | Helicase SKI2W (Ski2) (EC 3.6.4.-) (Helicase-like protein) (HLP) |
| RGN\_HUMAN | Regucalcin (RC) (Gluconolactonase) (GNL) (EC 3.1.1.17) (Senescence marker protein 30) (SMP-30) |
| SURF1\_HUMAN | Surfeit locus protein 1 |
| MARE2\_HUMAN | Microtubule-associated protein RP/EB family member 2 (APC-binding protein EB2) (End-binding protein 2) (EB2) |
| BGH3\_HUMAN | Transforming growth factor-beta-induced protein ig-h3 (Beta ig-h3) (Kerato-epithelin) (RGD-containing collagen-associated protein) (RGD-CAP) |
| NHRF2\_HUMAN | Na(+)/H(+) exchange regulatory cofactor NHE-RF2 (NHERF-2) (NHE3 kinase A regulatory protein E3KARP) (SRY-interacting protein 1) (SIP-1) (Sodium-hydrogen exchanger regulatory factor 2) (Solute carrier family 9 isoform A3 regulatory factor 2) (Tyrosine kinase activator protein 1) (TKA-1) |
| TSN\_HUMAN | Translin (EC 3.1.-.-) (Component 3 of promoter of RISC) (C3PO) |
| SF01\_HUMAN | Splicing factor 1 (Mammalian branch point-binding protein) (BBP) (mBBP) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Zinc finger protein 162) |
| CIP4\_HUMAN | Cdc42-interacting protein 4 (Protein Felic) (Salt tolerant protein) (hSTP) (Thyroid receptor-interacting protein 10) (TR-interacting protein 10) (TRIP-10) |
| MED1\_HUMAN | Mediator of RNA polymerase II transcription subunit 1 (Activator-recruited cofactor 205 kDa component) (ARC205) (Mediator complex subunit 1) (Peroxisome proliferator-activated receptor-binding protein) (PBP) (PPAR-binding protein) (Thyroid hormone receptor-associated protein complex 220 kDa component) (Trap220) (Thyroid receptor-interacting protein 2) (TR-interacting protein 2) (TRIP-2) (Vitamin D receptor-interacting protein complex component DRIP205) (p53 regulatory protein RB18A) |
| HMGN3\_HUMAN | High mobility group nucleosome-binding domain-containing protein 3 (Thyroid receptor-interacting protein 7) (TR-interacting protein 7) (TRIP-7) |
| TRIP6\_HUMAN | Thyroid receptor-interacting protein 6 (TR-interacting protein 6) (TRIP-6) (Opa-interacting protein 1) (OIP-1) (Zyxin-related protein 1) (ZRP-1) |
| TRYB1\_HUMAN | Tryptase alpha/beta-1 (Tryptase-1) (EC 3.4.21.59) (Tryptase I) (Tryptase alpha-1) |
| MARE1\_HUMAN | Microtubule-associated protein RP/EB family member 1 (APC-binding protein EB1) (End-binding protein 1) (EB1) |
| T22D1\_HUMAN | TSC22 domain family protein 1 (Cerebral protein 2) (Regulatory protein TSC-22) (TGFB-stimulated clone 22 homolog) (Transforming growth factor beta-1-induced transcript 4 protein) |
| ELAV1\_HUMAN | ELAV-like protein 1 (Hu-antigen R) (HuR) |
| MYLK\_HUMAN | Myosin light chain kinase, smooth muscle (MLCK) (smMLCK) (EC 2.7.11.18) (Kinase-related protein) (KRP) (Telokin) [Cleaved into: Myosin light chain kinase, smooth muscle, deglutamylated form] |
| TAB1\_HUMAN | TGF-beta-activated kinase 1 and MAP3K7-binding protein 1 (Mitogen-activated protein kinase kinase kinase 7-interacting protein 1) (TGF-beta-activated kinase 1-binding protein 1) (TAK1-binding protein 1) |
| HERC1\_HUMAN | Probable E3 ubiquitin-protein ligase HERC1 (EC 6.3.2.-) (HECT domain and RCC1-like domain-containing protein 1) (p532) (p619) |
| SPEG\_HUMAN | Striated muscle preferentially expressed protein kinase (EC 2.7.11.1) (Aortic preferentially expressed protein 1) (APEG-1) |
| MLF2\_HUMAN | Myeloid leukemia factor 2 (Myelodysplasia-myeloid leukemia factor 2) |
| TOM34\_HUMAN | Mitochondrial import receptor subunit TOM34 (hTom34) (Translocase of outer membrane 34 kDa subunit) |
| SMAD2\_HUMAN | Mothers against decapentaplegic homolog 2 (MAD homolog 2) (Mothers against DPP homolog 2) (JV18-1) (Mad-related protein 2) (hMAD-2) (SMAD family member 2) (SMAD 2) (Smad2) (hSMAD2) |
| SMAD1\_HUMAN | Mothers against decapentaplegic homolog 1 (MAD homolog 1) (Mothers against DPP homolog 1) (JV4-1) (Mad-related protein 1) (SMAD family member 1) (SMAD 1) (Smad1) (hSMAD1) (Transforming growth factor-beta-signaling protein 1) (BSP-1) |
| ITSN1\_HUMAN | Intersectin-1 (SH3 domain-containing protein 1A) (SH3P17) |
| TBCE\_HUMAN | Tubulin-specific chaperone E (Tubulin-folding cofactor E) |
| TBCC\_HUMAN | Tubulin-specific chaperone C (Tubulin-folding cofactor C) (CFC) |
| UB2V2\_HUMAN | Ubiquitin-conjugating enzyme E2 variant 2 (DDVit 1) (Enterocyte differentiation-associated factor 1) (EDAF-1) (Enterocyte differentiation-promoting factor 1) (EDPF-1) (MMS2 homolog) (Vitamin D3-inducible protein) |
| STK11\_HUMAN | Serine/threonine-protein kinase STK11 (EC 2.7.11.1) (Liver kinase B1) (LKB1) (hLKB1) (Renal carcinoma antigen NY-REN-19) |
| STXB2\_HUMAN | Syntaxin-binding protein 2 (Protein unc-18 homolog 2) (Unc18-2) (Protein unc-18 homolog B) (Unc-18B) |
| VAMP3\_HUMAN | Vesicle-associated membrane protein 3 (VAMP-3) (Cellubrevin) (CEB) (Synaptobrevin-3) |
| NEDD8\_HUMAN | NEDD8 (Neddylin) (Neural precursor cell expressed developmentally down-regulated protein 8) (NEDD-8) (Ubiquitin-like protein Nedd8) |
| ADIRF\_HUMAN | Adipogenesis regulatory factor (Adipogenesis factor rich in obesity) (Adipose most abundant gene transcript 2 protein) (Adipose-specific protein 2) (apM-2) |
| ADIPO\_HUMAN | Adiponectin (30 kDa adipocyte complement-related protein) (Adipocyte complement-related 30 kDa protein) (ACRP30) (Adipocyte, C1q and collagen domain-containing protein) (Adipose most abundant gene transcript 1 protein) (apM-1) (Gelatin-binding protein) |
| RB11B\_HUMAN | Ras-related protein Rab-11B (GTP-binding protein YPT3) |
| ZYX\_HUMAN | Zyxin (Zyxin-2) |
| HSPB2\_HUMAN | Heat shock protein beta-2 (HspB2) (DMPK-binding protein) (MKBP) |
| ETFD\_HUMAN | Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial (ETF-QO) (ETF-ubiquinone oxidoreductase) (EC 1.5.5.1) (Electron-transferring-flavoprotein dehydrogenase) (ETF dehydrogenase) |
| SEPT7\_HUMAN | Septin-7 (CDC10 protein homolog) |
| ADRM1\_HUMAN | Proteasomal ubiquitin receptor ADRM1 (110 kDa cell membrane glycoprotein) (Gp110) (Adhesion-regulating molecule 1) (ARM-1) (Proteasome regulatory particle non-ATPase 13) (hRpn13) (Rpn13 homolog) |
| CCDC6\_HUMAN | Coiled-coil domain-containing protein 6 (Papillary thyroid carcinoma-encoded protein) (Protein H4) |
| UAP1\_HUMAN | UDP-N-acetylhexosamine pyrophosphorylase (Antigen X) (AGX) (Sperm-associated antigen 2) [Includes: UDP-N-acetylgalactosamine pyrophosphorylase (EC 2.7.7.83) (AGX-1); UDP-N-acetylglucosamine pyrophosphorylase (EC 2.7.7.23) (AGX-2)] |
| AINX\_HUMAN | Alpha-internexin (Alpha-Inx) (66 kDa neurofilament protein) (NF-66) (Neurofilament-66) (Neurofilament 5) |
| LAMA4\_HUMAN | Laminin subunit alpha-4 (Laminin-14 subunit alpha) (Laminin-8 subunit alpha) (Laminin-9 subunit alpha) |
| PSMD5\_HUMAN | 26S proteasome non-ATPase regulatory subunit 5 (26S protease subunit S5 basic) (26S proteasome subunit S5B) |
| TENXA\_HUMAN | Putative tenascin-XA (TN-XA) |
| PKN2\_HUMAN | Serine/threonine-protein kinase N2 (EC 2.7.11.13) (PKN gamma) (Protein kinase C-like 2) (Protein-kinase C-related kinase 2) |
| CSRP2\_HUMAN | Cysteine and glycine-rich protein 2 (Cysteine-rich protein 2) (CRP2) (LIM domain only protein 5) (LMO-5) (Smooth muscle cell LIM protein) (SmLIM) |
| DDB1\_HUMAN | DNA damage-binding protein 1 (DDB p127 subunit) (DNA damage-binding protein a) (DDBa) (Damage-specific DNA-binding protein 1) (HBV X-associated protein 1) (XAP-1) (UV-damaged DNA-binding factor) (UV-damaged DNA-binding protein 1) (UV-DDB 1) (XPE-binding factor) (XPE-BF) (Xeroderma pigmentosum group E-complementing protein) (XPCe) |
| 2A5E\_HUMAN | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform (PP2A B subunit isoform B'-epsilon) (PP2A B subunit isoform B56-epsilon) (PP2A B subunit isoform PR61-epsilon) (PP2A B subunit isoform R5-epsilon) |
| MK14\_HUMAN | Mitogen-activated protein kinase 14 (MAP kinase 14) (MAPK 14) (EC 2.7.11.24) (Cytokine suppressive anti-inflammatory drug-binding protein) (CSAID-binding protein) (CSBP) (MAP kinase MXI2) (MAX-interacting protein 2) (Mitogen-activated protein kinase p38 alpha) (MAP kinase p38 alpha) (Stress-activated protein kinase 2a) (SAPK2a) |
| RM23\_HUMAN | 39S ribosomal protein L23, mitochondrial (L23mt) (MRP-L23) (L23 mitochondrial-related protein) (Ribosomal protein L23-like) |
| CDC37\_HUMAN | Hsp90 co-chaperone Cdc37 (Hsp90 chaperone protein kinase-targeting subunit) (p50Cdc37) [Cleaved into: Hsp90 co-chaperone Cdc37, N-terminally processed] |
| DPYL2\_HUMAN | Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) (Unc-33-like phosphoprotein 2) (ULIP-2) |
| SYPL1\_HUMAN | Synaptophysin-like protein 1 (Pantophysin) |
| RBBP7\_HUMAN | Histone-binding protein RBBP7 (Histone acetyltransferase type B subunit 2) (Nucleosome-remodeling factor subunit RBAP46) (Retinoblastoma-binding protein 7) (RBBP-7) (Retinoblastoma-binding protein p46) |
| C3AR\_HUMAN | C3a anaphylatoxin chemotactic receptor (C3AR) (C3a-R) |
| SGCB\_HUMAN | Beta-sarcoglycan (Beta-SG) (43 kDa dystrophin-associated glycoprotein) (43DAG) (A3b) |
| SGCA\_HUMAN | Alpha-sarcoglycan (Alpha-SG) (50 kDa dystrophin-associated glycoprotein) (50DAG) (Adhalin) (Dystroglycan-2) |
| FRDA\_HUMAN | Frataxin, mitochondrial (EC 1.16.3.1) (Friedreich ataxia protein) (Fxn) [Cleaved into: Frataxin intermediate form (i-FXN); Frataxin(56-210) (m56-FXN); Frataxin(78-210) (d-FXN) (m78-FXN); Frataxin mature form (Frataxin(81-210)) (m81-FXN)] |
| BAK\_HUMAN | Bcl-2 homologous antagonist/killer (Apoptosis regulator BAK) (Bcl-2-like protein 7) (Bcl2-L-7) |
| CTF1\_HUMAN | Cardiotrophin-1 (CT-1) |
| SRSF7\_HUMAN | Serine/arginine-rich splicing factor 7 (Splicing factor 9G8) (Splicing factor, arginine/serine-rich 7) |
| CPSF6\_HUMAN | Cleavage and polyadenylation specificity factor subunit 6 (Cleavage and polyadenylation specificity factor 68 kDa subunit) (CFIm68) (CPSF 68 kDa subunit) (Pre-mRNA cleavage factor Im 68 kDa subunit) (Protein HPBRII-4/7) |
| SMN\_HUMAN | Survival motor neuron protein (Component of gems 1) (Gemin-1) |
| DREB\_HUMAN | Drebrin (Developmentally-regulated brain protein) |
| MAPK3\_HUMAN | MAP kinase-activated protein kinase 3 (MAPK-activated protein kinase 3) (MAPKAP kinase 3) (MAPKAP-K3) (MAPKAPK-3) (MK-3) (EC 2.7.11.1) (Chromosome 3p kinase) (3pK) |
| PTGIS\_HUMAN | Prostacyclin synthase (EC 5.3.99.4) (Prostaglandin I2 synthase) |
| PDK4\_HUMAN | [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4, mitochondrial (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 4) |
| FSCN1\_HUMAN | Fascin (55 kDa actin-bundling protein) (Singed-like protein) (p55) |
| IF16\_HUMAN | Gamma-interferon-inducible protein 16 (Ifi-16) (Interferon-inducible myeloid differentiation transcriptional activator) |
| H31T\_HUMAN | Histone H3.1t (H3/t) (H3t) (H3/g) |
| DECR\_HUMAN | 2,4-dienoyl-CoA reductase, mitochondrial (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) (Short chain dehydrogenase/reductase family 18C member 1) |
| NDUA5\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (Complex I subunit B13) (Complex I-13kD-B) (CI-13kD-B) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) |
| CLPP\_HUMAN | ATP-dependent Clp protease proteolytic subunit, mitochondrial (EC 3.4.21.92) (Endopeptidase Clp) |
| THTR\_HUMAN | Thiosulfate sulfurtransferase (EC 2.8.1.1) (Rhodanese) |
| KAT1\_HUMAN | Kynurenine--oxoglutarate transaminase 1 (EC 2.6.1.7) (Cysteine-S-conjugate beta-lyase) (EC 4.4.1.13) (Glutamine transaminase K) (GTK) (Glutamine--phenylpyruvate transaminase) (EC 2.6.1.64) (Kynurenine aminotransferase I) (KATI) (Kynurenine--oxoglutarate transaminase I) |
| KGUA\_HUMAN | Guanylate kinase (EC 2.7.4.8) (GMP kinase) |
| GLO2\_HUMAN | Hydroxyacylglutathione hydrolase, mitochondrial (EC 3.1.2.6) (Glyoxalase II) (Glx II) |
| H2A2C\_HUMAN | Histone H2A type 2-C (Histone H2A-GL101) (Histone H2A/q) |
| H2B2E\_HUMAN | Histone H2B type 2-E (Histone H2B-GL105) (Histone H2B.q) (H2B/q) |
| LAMA3\_HUMAN | Laminin subunit alpha-3 (Epiligrin 170 kDa subunit) (E170) (Epiligrin subunit alpha) (Kalinin subunit alpha) (Laminin-5 subunit alpha) (Laminin-6 subunit alpha) (Laminin-7 subunit alpha) (Nicein subunit alpha) |
| NDUA9\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial (Complex I-39kD) (CI-39kD) (NADH-ubiquinone oxidoreductase 39 kDa subunit) |
| MAON\_HUMAN | NADP-dependent malic enzyme, mitochondrial (NADP-ME) (EC 1.1.1.40) (Malic enzyme 3) |
| RTN1\_HUMAN | Reticulon-1 (Neuroendocrine-specific protein) |
| PHKG1\_HUMAN | Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform (PHK-gamma-M) (EC 2.7.11.19) (Phosphorylase kinase subunit gamma-1) (Serine/threonine-protein kinase PHKG1) (EC 2.7.11.1) (EC 2.7.11.26) |
| PPR3A\_HUMAN | Protein phosphatase 1 regulatory subunit 3A (Protein phosphatase 1 glycogen-associated regulatory subunit) (Protein phosphatase type-1 glycogen targeting subunit) (RG1) |
| HCDH\_HUMAN | Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial (HCDH) (EC 1.1.1.35) (Medium and short-chain L-3-hydroxyacyl-coenzyme A dehydrogenase) (Short-chain 3-hydroxyacyl-CoA dehydrogenase) |
| UGPA\_HUMAN | UTP--glucose-1-phosphate uridylyltransferase (EC 2.7.7.9) (UDP-glucose pyrophosphorylase) (UDPGP) (UGPase) |
| AOC3\_HUMAN | Membrane primary amine oxidase (EC 1.4.3.21) (Copper amine oxidase) (HPAO) (Semicarbazide-sensitive amine oxidase) (SSAO) (Vascular adhesion protein 1) (VAP-1) |
| DGUOK\_HUMAN | Deoxyguanosine kinase, mitochondrial (dGK) (EC 2.7.1.113) |
| VATF\_HUMAN | V-type proton ATPase subunit F (V-ATPase subunit F) (V-ATPase 14 kDa subunit) (Vacuolar proton pump subunit F) |
| TRXR1\_HUMAN | Thioredoxin reductase 1, cytoplasmic (TR) (EC 1.8.1.9) (Gene associated with retinoic and interferon-induced mortality 12 protein) (GRIM-12) (Gene associated with retinoic and IFN-induced mortality 12 protein) (KM-102-derived reductase-like factor) (Thioredoxin reductase TR1) |
| TPD53\_HUMAN | Tumor protein D53 (hD53) (Tumor protein D52-like 1) |
| MIC60\_HUMAN | MICOS complex subunit MIC60 (Cell proliferation-inducing gene 4/52 protein) (Mitochondrial inner membrane protein) (Mitofilin) (p87/89) |
| TATD3\_HUMAN | Putative deoxyribonuclease TATDN3 (EC 3.1.21.-) |
| ZN827\_HUMAN | Zinc finger protein 827 |
| EX3L4\_HUMAN | Exocyst complex component 3-like protein 4 |
| NKPD1\_HUMAN | NTPase KAP family P-loop domain-containing protein 1 |
| HNRL2\_HUMAN | Heterogeneous nuclear ribonucleoprotein U-like protein 2 (Scaffold-attachment factor A2) (SAF-A2) |
| KIF7\_HUMAN | Kinesin-like protein KIF7 |
| ISX\_HUMAN | Intestine-specific homeobox (RAX-like homeobox) |
| K1C24\_HUMAN | Keratin, type I cytoskeletal 24 (Cytokeratin-24) (CK-24) (Keratin-24) (K24) (Type I keratin-24) |
| AAK1\_HUMAN | AP2-associated protein kinase 1 (EC 2.7.11.1) (Adaptor-associated kinase 1) |
| CCD96\_HUMAN | Coiled-coil domain-containing protein 96 |
| ABCB5\_HUMAN | ATP-binding cassette sub-family B member 5 (ABCB5 P-gp) (P-glycoprotein ABCB5) |
| RGPA2\_HUMAN | Ral GTPase-activating protein subunit alpha-2 (250 kDa substrate of Akt) (AS250) (p220) |
| IAH1\_HUMAN | Isoamyl acetate-hydrolyzing esterase 1 homolog (EC 3.1.-.-) |
| ALG11\_HUMAN | GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase (EC 2.4.1.131) (Asparagine-linked glycosylation protein 11 homolog) (Glycolipid 2-alpha-mannosyltransferase) |
| CCD57\_HUMAN | Coiled-coil domain-containing protein 57 |
| SMTL2\_HUMAN | Smoothelin-like protein 2 |
| ASTE1\_HUMAN | Protein asteroid homolog 1 |
| HKDC1\_HUMAN | Putative hexokinase HKDC1 (EC 2.7.1.1) (Hexokinase domain-containing protein 1) |
| KLH40\_HUMAN | Kelch-like protein 40 (Kelch repeat and BTB domain-containing protein 5) (Sarcosynapsin) |
| COSA1\_HUMAN | Collagen alpha-1(XXVIII) chain |
| KIF4B\_HUMAN | Chromosome-associated kinesin KIF4B (Chromokinesin-B) |
| IF2GL\_HUMAN | Putative eukaryotic translation initiation factor 2 subunit 3-like protein (Eukaryotic translation initiation factor 2 subunit gamma A) (eIF-2-gamma A) (eIF-2gA) |
| 2B18\_HUMAN | HLA class II histocompatibility antigen, DRB1-8 beta chain (MHC class II antigen DRB1\*8) (DR-8) (DR8) (DRw8) |
| DRB5\_HUMAN | HLA class II histocompatibility antigen, DR beta 5 chain (DR beta-5) (DR2-beta-2) (Dw2) (MHC class II antigen DRB5) |
| MYLK3\_HUMAN | Myosin light chain kinase 3 (EC 2.7.11.18) (Cardiac-MyBP-C-associated Ca/CaM kinase) (Cardiac-MLCK) |
| LRRF1\_HUMAN | Leucine-rich repeat flightless-interacting protein 1 (LRR FLII-interacting protein 1) (GC-binding factor 2) (TAR RNA-interacting protein) |
| EMAL3\_HUMAN | Echinoderm microtubule-associated protein-like 3 (EMAP-3) |
| RA1L2\_HUMAN | Heterogeneous nuclear ribonucleoprotein A1-like 2 (hnRNP A1-like 2) (hnRNP core protein A1-like 2) |
| NDUF6\_HUMAN | NADH dehydrogenase (ubiquinone) complex I, assembly factor 6 (Putative phytoene synthase) |
| YK041\_HUMAN | Putative uncharacterized protein ENSP00000334305 |
| MA7D1\_HUMAN | MAP7 domain-containing protein 1 (Arginine/proline-rich coiled-coil domain-containing protein 1) (Proline/arginine-rich coiled-coil domain-containing protein 1) |
| KR151\_HUMAN | Keratin-associated protein 15-1 |
| TKFC\_HUMAN | Triokinase/FMN cyclase (Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing)) [Includes: ATP-dependent dihydroxyacetone kinase (DHA kinase) (EC 2.7.1.28) (EC 2.7.1.29) (Glycerone kinase) (Triokinase) (Triose kinase); FAD-AMP lyase (cyclizing) (EC 4.6.1.15) (FAD-AMP lyase (cyclic FMN forming)) (FMN cyclase)] |
| LSM12\_HUMAN | Protein LSM12 homolog |
| TBC25\_HUMAN | TBC1 domain family member 25 |
| RGL3\_HUMAN | Ral guanine nucleotide dissociation stimulator-like 3 (RalGDS-like 3) |
| HSDL1\_HUMAN | Inactive hydroxysteroid dehydrogenase-like protein 1 (Short chain dehydrogenase/reductase family 12C member 3) |
| AL1L2\_HUMAN | Mitochondrial 10-formyltetrahydrofolate dehydrogenase (Mitochondrial 10-FTHFDH) (mtFDH) (EC 1.5.1.6) (Aldehyde dehydrogenase family 1 member L2) |
| TBRG1\_HUMAN | Transforming growth factor beta regulator 1 (Nuclear interactor of ARF and Mdm2) |
| RABL6\_HUMAN | Rab-like protein 6 (GTP-binding protein Parf) (Partner of ARF) (Rab-like protein 1) (RBEL1) |
| TBB8\_HUMAN | Tubulin beta-8 chain |
| TIM50\_HUMAN | Mitochondrial import inner membrane translocase subunit TIM50 |
| KBTBC\_HUMAN | Kelch repeat and BTB domain-containing protein 12 (Kelch domain-containing protein 6) |
| LEGL\_HUMAN | Galectin-related protein (Lectin galactoside-binding-like protein) |
| PAR14\_HUMAN | Poly [ADP-ribose] polymerase 14 (PARP-14) (EC 2.4.2.30) (ADP-ribosyltransferase diphtheria toxin-like 8) (ARTD8) (B aggressive lymphoma protein 2) |
| CC153\_HUMAN | Coiled-coil domain-containing protein 153 |
| ZN404\_HUMAN | Zinc finger protein 404 |
| CDNF\_HUMAN | Cerebral dopamine neurotrophic factor (ARMET-like protein 1) (Conserved dopamine neurotrophic factor) |
| COX19\_HUMAN | Cytochrome c oxidase assembly protein COX19 (hCOX19) |
| MAP9\_HUMAN | Microtubule-associated protein 9 (Aster-associated protein) |
| LARP7\_HUMAN | La-related protein 7 (La ribonucleoprotein domain family member 7) (P-TEFb-interaction protein for 7SK stability) (PIP7S) |
| NAKD2\_HUMAN | NAD kinase 2, mitochondrial (EC 2.7.1.23) (Mitochondrial NAD kinase) (NAD kinase domain-containing protein 1, mitochondrial) |
| HYDIN\_HUMAN | Hydrocephalus-inducing protein homolog |
| DUS28\_HUMAN | Dual specificity phosphatase 28 (EC 3.1.3.16) (EC 3.1.3.48) |
| CCD40\_HUMAN | Coiled-coil domain-containing protein 40 |
| ACSF3\_HUMAN | Acyl-CoA synthetase family member 3, mitochondrial (EC 6.2.1.-) |
| PPCEL\_HUMAN | Prolyl endopeptidase-like (EC 3.4.21.-) (Prolylendopeptidase-like) |
| ANO6\_HUMAN | Anoctamin-6 (Small-conductance calcium-activated nonselective cation channel) (SCAN channel) (Transmembrane protein 16F) |
| CT062\_HUMAN | Uncharacterized protein C20orf62 |
| ARI4B\_HUMAN | AT-rich interactive domain-containing protein 4B (ARID domain-containing protein 4B) (180 kDa Sin3-associated polypeptide) (Sin3-associated polypeptide p180) (Breast cancer-associated antigen BRCAA1) (Histone deacetylase complex subunit SAP180) (Retinoblastoma-binding protein 1-like 1) |
| RM51\_HUMAN | 39S ribosomal protein L51, mitochondrial (L51mt) (MRP-L51) (bMRP-64) (bMRP64) |
| A20A4\_HUMAN | Ankyrin repeat domain-containing protein 20A4 |
| MSS51\_HUMAN | Putative protein MSS51 homolog, mitochondrial (Zinc finger MYND domain-containing protein 17) |
| CCD58\_HUMAN | Coiled-coil domain-containing protein 58 |
| AMOT\_HUMAN | Angiomotin |
| PAP1L\_HUMAN | Polyadenylate-binding protein 1-like |
| FNDC1\_HUMAN | Fibronectin type III domain-containing protein 1 (Activation-associated cDNA protein) (Expressed in synovial lining protein) |
| FA98B\_HUMAN | Protein FAM98B |
| PDCD4\_HUMAN | Programmed cell death protein 4 (Neoplastic transformation inhibitor protein) (Nuclear antigen H731-like) (Protein 197/15a) |
| TIGD5\_HUMAN | Tigger transposable element-derived protein 5 |
| GPAT3\_HUMAN | Glycerol-3-phosphate acyltransferase 3 (GPAT-3) (EC 2.3.1.15) (1-acyl-sn-glycerol-3-phosphate O-acyltransferase 10) (AGPAT 10) (1-acyl-sn-glycerol-3-phosphate O-acyltransferase 9) (1-AGP acyltransferase 9) (1-AGPAT 9) (EC 2.3.1.51) (Acyl-CoA:glycerol-3-phosphate acyltransferase 3) (hGPAT3) (Lung cancer metastasis-associated protein 1) (Lysophosphatidic acid acyltransferase theta) (LPAAT-theta) (MAG-1) |
| HIKES\_HUMAN | Protein Hikeshi |
| PDLI3\_HUMAN | PDZ and LIM domain protein 3 (Actinin-associated LIM protein) (Alpha-actinin-2-associated LIM protein) |
| PAR10\_HUMAN | Poly [ADP-ribose] polymerase 10 (PARP-10) (EC 2.4.2.30) (ADP-ribosyltransferase diphtheria toxin-like 10) (ARTD10) |
| DHB12\_HUMAN | Very-long-chain 3-oxoacyl-CoA reductase (EC 1.1.1.330) (17-beta-hydroxysteroid dehydrogenase 12) (17-beta-HSD 12) (3-ketoacyl-CoA reductase) (KAR) (Estradiol 17-beta-dehydrogenase 12) (EC 1.1.1.62) (Short chain dehydrogenase/reductase family 12C member 1) |
| SNUT2\_HUMAN | U4/U6.U5 tri-snRNP-associated protein 2 (Inactive ubiquitin-specific peptidase 39) (SAD1 homolog) (U4/U6.U5 tri-snRNP-associated 65 kDa protein) (65K) |
| KLH22\_HUMAN | Kelch-like protein 22 |
| AGK\_HUMAN | Acylglycerol kinase, mitochondrial (hAGK) (EC 2.7.1.107) (EC 2.7.1.94) (Multiple substrate lipid kinase) (HsMuLK) (MuLK) (Multi-substrate lipid kinase) |
| LACB2\_HUMAN | Beta-lactamase-like protein 2 (EC 3.-.-.-) |
| CCD92\_HUMAN | Coiled-coil domain-containing protein 92 (Limkain beta-2) |
| TSSC1\_HUMAN | Protein TSSC1 (Tumor-suppressing STF cDNA 1 protein) (Tumor-suppressing subchromosomal transferable fragment candidate gene 1 protein) |
| BOLA3\_HUMAN | BolA-like protein 3 |
| H1BP3\_HUMAN | HCLS1-binding protein 3 (HS1-binding protein 3) (HSP1BP-3) |
| CYBR1\_HUMAN | Cytochrome b reductase 1 (EC 1.-.-.-) (Duodenal cytochrome b) (Ferric-chelate reductase 3) |
| ACTBL\_HUMAN | Beta-actin-like protein 2 (Kappa-actin) |
| CCD93\_HUMAN | Coiled-coil domain-containing protein 93 |
| EAPP\_HUMAN | E2F-associated phosphoprotein (EAPP) |
| M3K19\_HUMAN | Mitogen-activated protein kinase kinase kinase 19 (EC 2.7.11.1) (Regulated in COPD, protein kinase) (SPS1/STE20-related protein kinase YSK4) |
| ENPLL\_HUMAN | Putative endoplasmin-like protein (Putative heat shock protein 90 kDa beta member 2) |
| H90B3\_HUMAN | Putative heat shock protein HSP 90-beta-3 (Heat shock protein 90-beta c) (Heat shock protein 90Bc) |
| H90B2\_HUMAN | Putative heat shock protein HSP 90-beta 2 (Heat shock protein 90-beta b) (Heat shock protein 90Bb) |
| HS905\_HUMAN | Putative heat shock protein HSP 90-alpha A5 (Heat shock protein 90-alpha E) (Heat shock protein 90Ae) |
| DCAF6\_HUMAN | DDB1- and CUL4-associated factor 6 (Androgen receptor complex-associated protein) (ARCAP) (IQ motif and WD repeat-containing protein 1) (Nuclear receptor interaction protein) (NRIP) |
| R39L5\_HUMAN | Putative 60S ribosomal protein L39-like 5 (60S ribosomal protein L39 pseudogene 5) |
| TM41B\_HUMAN | Transmembrane protein 41B |
| TMM97\_HUMAN | Transmembrane protein 97 (Meningioma-associated protein 30) |
| YIF1B\_HUMAN | Protein YIF1B (YIP1-interacting factor homolog B) |
| MURC\_HUMAN | Muscle-related coiled-coil protein (Muscle-restricted coiled-coil protein) |
| ZN326\_HUMAN | DBIRD complex subunit ZNF326 (Zinc finger protein 326) (Zinc finger protein interacting with mRNPs and DBC1) |
| FSIP2\_HUMAN | Fibrous sheath-interacting protein 2 |
| FILA2\_HUMAN | Filaggrin-2 (FLG-2) (Intermediate filament-associated and psoriasis-susceptibility protein) (Ifapsoriasin) |
| RIPL1\_HUMAN | RILP-like protein 1 (Rab-interacting lysosomal-like protein 1) |
| CMPK2\_HUMAN | UMP-CMP kinase 2, mitochondrial (EC 2.7.4.14) (Nucleoside-diphosphate kinase) (EC 2.7.4.6) |
| DJC21\_HUMAN | DnaJ homolog subfamily C member 21 (DnaJ homolog subfamily A member 5) (Protein GS3) |
| ESCO1\_HUMAN | N-acetyltransferase ESCO1 (EC 2.3.1.-) (CTF7 homolog 1) (Establishment factor-like protein 1) (EFO1p) (hEFO1) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) (ESO1 homolog 1) |
| HERC4\_HUMAN | Probable E3 ubiquitin-protein ligase HERC4 (EC 6.3.2.-) (HECT domain and RCC1-like domain-containing protein 4) |
| PP6R3\_HUMAN | Serine/threonine-protein phosphatase 6 regulatory subunit 3 (SAPS domain family member 3) (Sporulation-induced transcript 4-associated protein SAPL) |
| K2026\_HUMAN | Uncharacterized protein KIAA2026 |
| RABL3\_HUMAN | Rab-like protein 3 |
| COQ5\_HUMAN | 2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial (EC 2.1.1.201) (Ubiquinone biosynthesis methyltransferase COQ5) |
| EMC4\_HUMAN | ER membrane protein complex subunit 4 (Cell proliferation-inducing gene 17 protein) (Transmembrane protein 85) |
| RS26L\_HUMAN | Putative 40S ribosomal protein S26-like 1 |
| AN36C\_HUMAN | Ankyrin repeat domain-containing protein 36C (Protein immuno-reactive with anti-PTH polyclonal antibodies) |
| SYEM\_HUMAN | Probable glutamate--tRNA ligase, mitochondrial (EC 6.1.1.17) (Glutamyl-tRNA synthetase) (GluRS) |
| PPM1J\_HUMAN | Protein phosphatase 1J (EC 3.1.3.16) (Protein phosphatase 2C isoform zeta) (PP2C-zeta) |
| MIA3\_HUMAN | Melanoma inhibitory activity protein 3 (C219-reactive peptide) (D320) (Transport and Golgi organization protein 1) |
| PREP\_HUMAN | Presequence protease, mitochondrial (hPreP) (EC 3.4.24.-) (Pitrilysin metalloproteinase 1) (Metalloprotease 1) (hMP1) |
| WDR44\_HUMAN | WD repeat-containing protein 44 (Rabphilin-11) |
| TJAP1\_HUMAN | Tight junction-associated protein 1 (Protein incorporated later into tight junctions) (Tight junction protein 4) |
| COA6\_HUMAN | Cytochrome c oxidase assembly factor 6 homolog |
| WDR38\_HUMAN | WD repeat-containing protein 38 |
| TOIP1\_HUMAN | Torsin-1A-interacting protein 1 (Lamin-associated protein 1B) (LAP1B) |
| HABP4\_HUMAN | Intracellular hyaluronan-binding protein 4 (IHABP-4) (IHABP4) (Ki-1/57 intracellular antigen) |
| GNAS1\_HUMAN | Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas (Adenylate cyclase-stimulating G alpha protein) (Extra large alphas protein) (XLalphas) |
| WIPI1\_HUMAN | WD repeat domain phosphoinositide-interacting protein 1 (WIPI-1) (Atg18 protein homolog) (WD40 repeat protein interacting with phosphoinositides of 49 kDa) (WIPI 49 kDa) |
| TBCEL\_HUMAN | Tubulin-specific chaperone cofactor E-like protein (EL) (Leucine-rich repeat-containing protein 35) |
| H2B2F\_HUMAN | Histone H2B type 2-F |
| TTC38\_HUMAN | Tetratricopeptide repeat protein 38 (TPR repeat protein 38) |
| COX20\_HUMAN | Cytochrome c oxidase protein 20 homolog |
| EXOS6\_HUMAN | Exosome complex component MTR3 (Exosome component 6) (mRNA transport regulator 3 homolog) (hMtr3) (p11) |
| RBM48\_HUMAN | RNA-binding protein 48 |
| LRRK2\_HUMAN | Leucine-rich repeat serine/threonine-protein kinase 2 (EC 2.7.11.1) (Dardarin) |
| TM201\_HUMAN | Transmembrane protein 201 (Spindle-associated membrane protein 1) |
| CF136\_HUMAN | Uncharacterized protein C6orf136 |
| SH24B\_HUMAN | SH2 domain-containing protein 4B |
| FA21D\_HUMAN | Putative WASH complex subunit FAM21 |
| PHYD1\_HUMAN | Phytanoyl-CoA dioxygenase domain-containing protein 1 (EC 1.-.-.-) |
| HP1B3\_HUMAN | Heterochromatin protein 1-binding protein 3 (Protein HP1-BP74) |
| PERM1\_HUMAN | PGC-1 and ERR-induced regulator in muscle protein 1 (PPARGC1 and ESRR-induced regulator in muscle 1) (Peroxisome proliferator-activated receptor gamma coactivator 1 and estrogen-related receptor-induced regulator in muscle 1) |
| CE170\_HUMAN | Centrosomal protein of 170 kDa (Cep170) (KARP-1-binding protein) (KARP1-binding protein) |
| FREM2\_HUMAN | FRAS1-related extracellular matrix protein 2 (ECM3 homolog) |
| CE85L\_HUMAN | Centrosomal protein of 85 kDa-like (Serologically defined breast cancer antigen NY-BR-15) |
| C2D1B\_HUMAN | Coiled-coil and C2 domain-containing protein 1B (Five prime repressor element under dual repression-binding protein 2) (FRE under dual repression-binding protein 2) (Freud-2) |
| CC122\_HUMAN | Coiled-coil domain-containing protein 122 |
| AXDN1\_HUMAN | Axonemal dynein light chain domain-containing protein 1 |
| CHCH9\_HUMAN | Putative coiled-coil-helix-coiled-coil-helix domain-containing protein CHCHD2P9, mitochondrial (Coiled-coil-helix-coiled-coil-helix domain-containing 2 pseudogene 9) |
| FKB15\_HUMAN | FK506-binding protein 15 (FKBP-15) (133 kDa FK506-binding protein) (133 kDa FKBP) (FKBP-133) (WASP and FKBP-like) (WAFL) |
| ZC3HD\_HUMAN | Zinc finger CCCH domain-containing protein 13 |
| CAF17\_HUMAN | Putative transferase CAF17, mitochondrial (EC 2.1.-.-) (Iron-sulfur cluster assembly factor homolog) |
| HECD3\_HUMAN | E3 ubiquitin-protein ligase HECTD3 (EC 6.3.2.-) (HECT domain-containing protein 3) |
| RBM20\_HUMAN | RNA-binding protein 20 (RNA-binding motif protein 20) |
| UBR4\_HUMAN | E3 ubiquitin-protein ligase UBR4 (EC 6.3.2.-) (600 kDa retinoblastoma protein-associated factor) (N-recognin-4) (Retinoblastoma-associated factor of 600 kDa) (RBAF600) (p600) (Zinc finger UBR1-type protein 1) |
| STXB5\_HUMAN | Syntaxin-binding protein 5 (Lethal(2) giant larvae protein homolog 3) (Tomosyn-1) |
| SKT\_HUMAN | Sickle tail protein homolog |
| CAMP1\_HUMAN | Calmodulin-regulated spectrin-associated protein 1 |
| ZN648\_HUMAN | Zinc finger protein 648 |
| RM02\_HUMAN | 39S ribosomal protein L2, mitochondrial (L2mt) (MRP-L2) |
| UBAP2\_HUMAN | Ubiquitin-associated protein 2 (UBAP-2) |
| CI064\_HUMAN | UPF0553 protein C9orf64 |
| ATD3B\_HUMAN | ATPase family AAA domain-containing protein 3B (AAA-TOB3) |
| CPTP\_HUMAN | Ceramide-1-phosphate transfer protein (CPTP) (Glycolipid transfer protein domain-containing protein 1) (GLTP domain-containing protein 1) |
| DCAF8\_HUMAN | DDB1- and CUL4-associated factor 8 (WD repeat-containing protein 42A) |
| TUT4\_HUMAN | Terminal uridylyltransferase 4 (TUTase 4) (EC 2.7.7.52) (Zinc finger CCHC domain-containing protein 11) |
| FRY\_HUMAN | Protein furry homolog |
| ATPF1\_HUMAN | ATP synthase mitochondrial F1 complex assembly factor 1 (ATP11 homolog) |
| MAGI3\_HUMAN | Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 3 (Membrane-associated guanylate kinase inverted 3) (MAGI-3) |
| KAD9\_HUMAN | Adenylate kinase 9 (AK 9) (EC 2.7.4.4) (EC 2.7.4.6) (Adenylate kinase domain-containing protein 1) (Adenylate kinase domain-containing protein 2) |
| M3KL4\_HUMAN | Mitogen-activated protein kinase kinase kinase MLK4 (EC 2.7.11.25) (Mixed lineage kinase 4) |
| SPD2A\_HUMAN | SH3 and PX domain-containing protein 2A (Adapter protein TKS5) (Five SH3 domain-containing protein) (SH3 multiple domains protein 1) (Tyrosine kinase substrate with five SH3 domains) |
| DDI2\_HUMAN | Protein DDI1 homolog 2 |
| NDUF5\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 5 (Probable methyltransferase C20orf7, mitochondrial) (EC 2.1.1.-) |
| CF163\_HUMAN | Uncharacterized protein C6orf163 |
| NT5D1\_HUMAN | 5'-nucleotidase domain-containing protein 1 (EC 3.1.3.-) |
| RHG40\_HUMAN | Rho GTPase-activating protein 40 (Rho-type GTPase-activating protein 40) |
| MIC10\_HUMAN | MICOS complex subunit MIC10 (Mitochondrial inner membrane organizing system protein 1) |
| BIG3\_HUMAN | Brefeldin A-inhibited guanine nucleotide-exchange protein 3 (ARFGEF family member 3) |
| VP13D\_HUMAN | Vacuolar protein sorting-associated protein 13D |
| A20A1\_HUMAN | Ankyrin repeat domain-containing protein 20A1 |
| CROCC\_HUMAN | Rootletin (Ciliary rootlet coiled-coil protein) |
| LYRM7\_HUMAN | Complex III assembly factor LYRM7 (LYR motif-containing protein 7) |
| RAIN\_HUMAN | Ras-interacting protein 1 (Rain) |
| EMC10\_HUMAN | ER membrane protein complex subunit 10 (Hematopoietic signal peptide-containing membrane domain-containing protein 1) |
| RIF1\_HUMAN | Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) |
| VPS53\_HUMAN | Vacuolar protein sorting-associated protein 53 homolog |
| STRP1\_HUMAN | Striatin-interacting protein 1 (Protein FAM40A) |
| OBSCN\_HUMAN | Obscurin (EC 2.7.11.1) (Obscurin-RhoGEF) (Obscurin-myosin light chain kinase) (Obscurin-MLCK) |
| CE350\_HUMAN | Centrosome-associated protein 350 (Cep350) (Centrosome-associated protein of 350 kDa) |
| MRCKA\_HUMAN | Serine/threonine-protein kinase MRCK alpha (EC 2.7.11.1) (CDC42-binding protein kinase alpha) (DMPK-like alpha) (Myotonic dystrophy kinase-related CDC42-binding kinase alpha) (MRCK alpha) (Myotonic dystrophy protein kinase-like alpha) |
| RPRD2\_HUMAN | Regulation of nuclear pre-mRNA domain-containing protein 2 |
| MARC1\_HUMAN | Mitochondrial amidoxime-reducing component 1 (mARC1) (EC 1.-.-.-) (Molybdenum cofactor sulfurase C-terminal domain-containing protein 1) (MOSC domain-containing protein 1) (Moco sulfurase C-terminal domain-containing protein 1) |
| EF1A3\_HUMAN | Putative elongation factor 1-alpha-like 3 (EF-1-alpha-like 3) (Eukaryotic elongation factor 1 A-like 3) (eEF1A-like 3) (Eukaryotic translation elongation factor 1 alpha-1 pseudogene 5) |
| BRE1A\_HUMAN | E3 ubiquitin-protein ligase BRE1A (BRE1-A) (hBRE1) (EC 6.3.2.-) (RING finger protein 20) |
| MYOM3\_HUMAN | Myomesin-3 (Myomesin family member 3) |
| AT5EL\_HUMAN | ATP synthase subunit epsilon-like protein, mitochondrial |
| SDHF4\_HUMAN | Succinate dehydrogenase assembly factor 4, mitochondrial (SDH assembly factor 4) (SDHAF4) |
| K0319\_HUMAN | Dyslexia-associated protein KIAA0319 |
| OTU1\_HUMAN | Ubiquitin thioesterase OTU1 (EC 3.4.19.12) (DUBA-8) (HIV-1-induced protease 7) (HIN-7) (HsHIN7) (OTU domain-containing protein 2) |
| BROX\_HUMAN | BRO1 domain-containing protein BROX (BRO1 domain- and CAAX motif-containing protein) |
| F208B\_HUMAN | Protein FAM208B |
| MLIP\_HUMAN | Muscular LMNA-interacting protein (Muscular-enriched A-type laminin-interacting protein) |
| DAB2P\_HUMAN | Disabled homolog 2-interacting protein (DAB2 interaction protein) (DAB2-interacting protein) (ASK-interacting protein 1) (AIP-1) (DOC-2/DAB-2 interactive protein) |
| LYPL1\_HUMAN | Lysophospholipase-like protein 1 (EC 3.1.2.-) |
| SYPL2\_HUMAN | Synaptophysin-like protein 2 |
| ECM29\_HUMAN | Proteasome-associated protein ECM29 homolog (Ecm29) |
| TDR10\_HUMAN | Tudor domain-containing protein 10 |
| JKIP3\_HUMAN | Janus kinase and microtubule-interacting protein 3 (Neuroendocrine long coiled-coil protein 2) |
| ZMYM4\_HUMAN | Zinc finger MYM-type protein 4 (Zinc finger protein 262) |
| DUS27\_HUMAN | Inactive dual specificity phosphatase 27 |
| CJ113\_HUMAN | Putative uncharacterized protein C10orf113 |
| TM236\_HUMAN | Transmembrane protein 236 |
| F16B1\_HUMAN | Protein FAM160B1 |
| MIC13\_HUMAN | MICOS complex subunit MIC13 (Protein P117) |
| RN123\_HUMAN | E3 ubiquitin-protein ligase RNF123 (EC 6.3.2.-) (Kip1 ubiquitination-promoting complex protein 1) (RING finger protein 123) |
| ANO1\_HUMAN | Anoctamin-1 (Discovered on gastrointestinal stromal tumors protein 1) (Oral cancer overexpressed protein 2) (Transmembrane protein 16A) (Tumor-amplified and overexpressed sequence 2) |
| EGFLA\_HUMAN | Pikachurin (Agrin-like protein) (EGF-like, fibronectin type-III and laminin G-like domain-containing protein) |
| TNS2\_HUMAN | Tensin-2 (EC 3.1.3.-) (C1 domain-containing phosphatase and tensin homolog) (C1-TEN) (Tensin-like C1 domain-containing phosphatase) |
| KANK2\_HUMAN | KN motif and ankyrin repeat domain-containing protein 2 (Ankyrin repeat domain-containing protein 25) (Matrix-remodeling-associated protein 3) (SRC-1-interacting protein) (SIP) (SRC-interacting protein) (SRC1-interacting protein) |
| FA21A\_HUMAN | WASH complex subunit FAM21A |
| LAR1B\_HUMAN | La-related protein 1B (La ribonucleoprotein domain family member 1B) (La ribonucleoprotein domain family member 2) (La-related protein 2) |
| TBC9B\_HUMAN | TBC1 domain family member 9B |
| MAP1S\_HUMAN | Microtubule-associated protein 1S (MAP-1S) (BPY2-interacting protein 1) (Microtubule-associated protein 8) (Variable charge Y chromosome 2-interacting protein 1) (VCY2-interacting protein 1) (VCY2IP-1) [Cleaved into: MAP1S heavy chain; MAP1S light chain] |
| KAZRN\_HUMAN | Kazrin |
| STEA4\_HUMAN | Metalloreductase STEAP4 (EC 1.16.1.-) (Six-transmembrane epithelial antigen of prostate 4) (SixTransMembrane protein of prostate 2) (Tumor necrosis factor, alpha-induced protein 9) |
| DIEXF\_HUMAN | Digestive organ expansion factor homolog |
| SE1L3\_HUMAN | Protein sel-1 homolog 3 (Suppressor of lin-12-like protein 3) (Sel-1L3) |
| TENS3\_HUMAN | Tensin-3 (Tensin-like SH2 domain-containing protein 1) (Tumor endothelial marker 6) |
| MBLC2\_HUMAN | Metallo-beta-lactamase domain-containing protein 2 (EC 3.-.-.-) |
| FMN1\_HUMAN | Formin-1 (Limb deformity protein homolog) |
| K2018\_HUMAN | Basic helix-loop-helix domain-containing protein KIAA2018 |
| MSL1\_HUMAN | Male-specific lethal 1 homolog (MSL-1) (Male-specific lethal 1-like 1) (MSL1-like 1) (Male-specific lethal-1 homolog 1) |
| RHG17\_HUMAN | Rho GTPase-activating protein 17 (Rho-type GTPase-activating protein 17) (RhoGAP interacting with CIP4 homologs protein 1) (RICH-1) |
| DUPD1\_HUMAN | Dual specificity phosphatase DUPD1 (EC 3.1.3.16) (EC 3.1.3.48) (Dual specificity phosphatase 27) |
| VIR\_HUMAN | Protein virilizer homolog |
| CYTSA\_HUMAN | Cytospin-A (Renal carcinoma antigen NY-REN-22) (Sperm antigen with calponin homology and coiled-coil domains 1-like) (SPECC1-like protein) |
| CL073\_HUMAN | Uncharacterized protein C12orf73 |
| KDM4D\_HUMAN | Lysine-specific demethylase 4D (EC 1.14.11.-) (JmjC domain-containing histone demethylation protein 3D) (Jumonji domain-containing protein 2D) |
| URFB1\_HUMAN | UHRF1-binding protein 1 (ICBP90-binding protein 1) (Ubiquitin-like containing PHD and RING finger domains 1-binding protein 1) |
| AMERL\_HUMAN | AMMECR1-like protein |
| ATLA3\_HUMAN | Atlastin-3 (EC 3.6.5.-) |
| NXN\_HUMAN | Nucleoredoxin (EC 1.8.1.8) |
| IQEC1\_HUMAN | IQ motif and SEC7 domain-containing protein 1 (ADP-ribosylation factors guanine nucleotide-exchange protein 100) (ADP-ribosylation factors guanine nucleotide-exchange protein 2) (Brefeldin-resistant Arf-GEF 2 protein) (BRAG2) |
| GL1AD\_HUMAN | DNA-directed RNA polymerase II subunit GRINL1A, isoforms 4/5 (DNA-directed RNA polymerase II subunit M, isoforms 4/5) |
| H2A2A\_HUMAN | Histone H2A type 2-A (Histone H2A.2) (Histone H2A/o) |
| CPIN1\_HUMAN | Anamorsin (Cytokine-induced apoptosis inhibitor 1) (Fe-S cluster assembly protein DRE2 homolog) |
| FAAH2\_HUMAN | Fatty-acid amide hydrolase 2 (EC 3.5.1.99) (Amidase domain-containing protein) (Anandamide amidohydrolase 2) (Oleamide hydrolase 2) |
| SMYD5\_HUMAN | SET and MYND domain-containing protein 5 (EC 2.1.1.-) (Protein NN8-4AG) (Retinoic acid-induced protein 15) |
| PTRD1\_HUMAN | Putative peptidyl-tRNA hydrolase PTRHD1 (EC 3.1.1.29) (Peptidyl-tRNA hydrolase domain-containing protein 1) |
| ABLM2\_HUMAN | Actin-binding LIM protein 2 (abLIM-2) (Actin-binding LIM protein family member 2) |
| LTOR1\_HUMAN | Ragulator complex protein LAMTOR1 (Late endosomal/lysosomal adaptor and MAPK and MTOR activator 1) (Lipid raft adaptor protein p18) (Protein associated with DRMs and endosomes) (p27Kip1-releasing factor from RhoA) (p27RF-Rho) |
| DRS7B\_HUMAN | Dehydrogenase/reductase SDR family member 7B (EC 1.1.-.-) (Short-chain dehydrogenase/reductase family 32C member 1) |
| TWF2\_HUMAN | Twinfilin-2 (A6-related protein) (hA6RP) (Protein tyrosine kinase 9-like) (Twinfilin-1-like protein) |
| GRAM4\_HUMAN | GRAM domain-containing protein 4 (Death-inducing protein) |
| TNG2\_HUMAN | Transport and Golgi organization protein 2 homolog |
| CAPR2\_HUMAN | Caprin-2 (C1q domain-containing protein 1) (Cytoplasmic activation/proliferation-associated protein 2) (Gastric cancer multidrug resistance-associated protein) (Protein EEG-1) (RNA granule protein 140) |
| IQCE\_HUMAN | IQ domain-containing protein E |
| LYRM5\_HUMAN | LYR motif-containing protein 5 |
| RAB12\_HUMAN | Ras-related protein Rab-12 |
| SDE2\_HUMAN | Protein SDE2 homolog |
| CPZIP\_HUMAN | CapZ-interacting protein (Protein kinase substrate CapZIP) (RCSD domain-containing protein 1) |
| LCN10\_HUMAN | Epididymal-specific lipocalin-10 |
| IFIX\_HUMAN | Pyrin and HIN domain-containing protein 1 (Interferon-inducible protein X) |
| NIPBL\_HUMAN | Nipped-B-like protein (Delangin) (SCC2 homolog) |
| PDE12\_HUMAN | 2',5'-phosphodiesterase 12 (2'-PDE) (2-PDE) (EC 3.1.4.-) (Mitochondrial deadenylase) (EC 3.1.13.4) |
| FSTL4\_HUMAN | Follistatin-related protein 4 (Follistatin-like protein 4) |
| CX057\_HUMAN | Uncharacterized protein CXorf57 |
| K1161\_HUMAN | Uncharacterized family 31 glucosidase KIAA1161 (EC 3.2.1.-) |
| TIGD7\_HUMAN | Tigger transposable element-derived protein 7 |
| CE045\_HUMAN | UPF0544 protein C5orf45 |
| SCMC1\_HUMAN | Calcium-binding mitochondrial carrier protein SCaMC-1 (Mitochondrial ATP-Mg/Pi carrier protein 1) (Mitochondrial Ca(2+)-dependent solute carrier protein 1) (Small calcium-binding mitochondrial carrier protein 1) (Solute carrier family 25 member 24) |
| R13P3\_HUMAN | Putative 60S ribosomal protein L13a protein RPL13AP3 (60S ribosomal protein L13a pseudogene 3) |
| HIBCH\_HUMAN | 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial (EC 3.1.2.4) (3-hydroxyisobutyryl-coenzyme A hydrolase) (HIB-CoA hydrolase) (HIBYL-CoA-H) |
| RWDD4\_HUMAN | RWD domain-containing protein 4 (Protein FAM28A) |
| IPP2M\_HUMAN | Protein phosphatase inhibitor 2-like protein 3 (Protein phosphatase 1, regulatory subunit 2 pseudogene 3) |
| TAPT1\_HUMAN | Transmembrane anterior posterior transformation protein 1 homolog (Cytomegalovirus partial fusion receptor) |
| KANK3\_HUMAN | KN motif and ankyrin repeat domain-containing protein 3 (Ankyrin repeat domain-containing protein 47) |
| PTRF\_HUMAN | Polymerase I and transcript release factor (Cavin-1) |
| M18BP\_HUMAN | Mis18-binding protein 1 (Kinetochore-associated protein KNL-2 homolog) (HsKNL-2) (P243) |
| MAST2\_HUMAN | Microtubule-associated serine/threonine-protein kinase 2 (EC 2.7.11.1) |
| MBOA5\_HUMAN | Lysophospholipid acyltransferase 5 (LPLAT 5) (EC 2.3.1.-) (1-acylglycerophosphocholine O-acyltransferase) (EC 2.3.1.23) (1-acylglycerophosphoserine O-acyltransferase) (EC 2.3.1.n6) (Lysophosphatidylcholine acyltransferase) (LPCAT) (Lyso-PC acyltransferase) (Lysophosphatidylcholine acyltransferase 3) (Lyso-PC acyltransferase 3) (Lysophosphatidylserine acyltransferase) (LPSAT) (Lyso-PS acyltransferase) (Membrane-bound O-acyltransferase domain-containing protein 5) (O-acyltransferase domain-containing protein 5) |
| PLB1\_HUMAN | Phospholipase B1, membrane-associated (Phospholipase B) (hPLB) (Phospholipase B/lipase) (PLB/LIP) [Includes: Phospholipase A2 (EC 3.1.1.4); Lysophospholipase (EC 3.1.1.5)] |
| PMF1\_HUMAN | Polyamine-modulated factor 1 (PMF-1) |
| RM14\_HUMAN | 39S ribosomal protein L14, mitochondrial (L14mt) (MRP-L14) (39S ribosomal protein L32, mitochondrial) (L32mt) (MRP-L32) |
| C2D1A\_HUMAN | Coiled-coil and C2 domain-containing protein 1A (Akt kinase-interacting protein 1) (Five prime repressor element under dual repression-binding protein 1) (FRE under dual repression-binding protein 1) (Freud-1) (Putative NF-kappa-B-activating protein 023N) |
| TATD1\_HUMAN | Putative deoxyribonuclease TATDN1 (EC 3.1.21.-) (Hepatocarcinoma high expression protein) |
| LTMD1\_HUMAN | LETM1 domain-containing protein 1 (Cervical cancer 1 proto-oncogene protein p40) (Cervical cancer proto-oncogene 2 protein) (HCCR-1) (HCRR-2) |
| CH082\_HUMAN | UPF0598 protein C8orf82 |
| XRRA1\_HUMAN | X-ray radiation resistance-associated protein 1 |
| EDC4\_HUMAN | Enhancer of mRNA-decapping protein 4 (Autoantigen Ge-1) (Autoantigen RCD-8) (Human enhancer of decapping large subunit) (Hedls) |
| PRP8\_HUMAN | Pre-mRNA-processing-splicing factor 8 (220 kDa U5 snRNP-specific protein) (PRP8 homolog) (Splicing factor Prp8) (p220) |
| FBX42\_HUMAN | F-box only protein 42 (Just one F-box and Kelch domain-containing protein) |
| SFXN4\_HUMAN | Sideroflexin-4 (Breast cancer resistance marker 1) |
| FUT10\_HUMAN | Alpha-(1,3)-fucosyltransferase 10 (EC 2.4.1.-) (Fucosyltransferase X) (Fuc-TX) (FucT-X) (Galactoside 3-L-fucosyltransferase 10) (Fucosyltransferase 10) |
| FAHD1\_HUMAN | Acylpyruvase FAHD1, mitochondrial (EC 3.7.1.5) (Fumarylacetoacetate hydrolase domain-containing protein 1) (FAH domain-containing protein 1) (Oxaloacetate decarboxylase) (OAA decarboxylase) (EC 4.1.1.3) (YisK-like protein) |
| LMOD2\_HUMAN | Leiomodin-2 (Cardiac leiomodin) (C-LMOD) |
| CCD62\_HUMAN | Coiled-coil domain-containing protein 62 (Protein TSP-NY) (Protein aaa) |
| LRC8B\_HUMAN | Volume-regulated anion channel subunit LRRC8B (Leucine-rich repeat-containing protein 8B) (T-cell activation leucine repeat-rich protein) (TA-LRRP) |
| VWA1\_HUMAN | von Willebrand factor A domain-containing protein 1 |
| S27A1\_HUMAN | Long-chain fatty acid transport protein 1 (FATP-1) (Fatty acid transport protein 1) (EC 6.2.1.-) (Solute carrier family 27 member 1) |
| PGM2L\_HUMAN | Glucose 1,6-bisphosphate synthase (EC 2.7.1.106) (PMMLP) (Phosphoglucomutase-2-like 1) |
| CTR9\_HUMAN | RNA polymerase-associated protein CTR9 homolog (SH2 domain-binding protein 1) |
| AAGAB\_HUMAN | Alpha- and gamma-adaptin-binding protein p34 |
| TTC37\_HUMAN | Tetratricopeptide repeat protein 37 (TPR repeat protein 37) (SKI3 homolog) (Ski3) (Tricho-hepatic-enteric syndrome protein) (Thespin) |
| DCNL2\_HUMAN | DCN1-like protein 2 (DCUN1 domain-containing protein 2) (Defective in cullin neddylation protein 1-like protein 2) |
| ULK3\_HUMAN | Serine/threonine-protein kinase ULK3 (EC 2.7.11.1) (Unc-51-like kinase 3) |
| SYDM\_HUMAN | Aspartate--tRNA ligase, mitochondrial (EC 6.1.1.12) (Aspartyl-tRNA synthetase) (AspRS) |
| TMM65\_HUMAN | Transmembrane protein 65 |
| FBX38\_HUMAN | F-box only protein 38 (Modulator of KLF7 activity homolog) (MoKA) |
| NCEH1\_HUMAN | Neutral cholesterol ester hydrolase 1 (NCEH) (EC 3.1.1.-) (Arylacetamide deacetylase-like 1) |
| WDR59\_HUMAN | WD repeat-containing protein 59 |
| ZC3HE\_HUMAN | Zinc finger CCCH domain-containing protein 14 (Mammalian suppressor of tau pathology-2) (MSUT-2) (Renal carcinoma antigen NY-REN-37) |
| LARP1\_HUMAN | La-related protein 1 (La ribonucleoprotein domain family member 1) |
| ZNT9\_HUMAN | Zinc transporter 9 (ZnT-9) (Human embryonic lung protein) (HuEL) (Solute carrier family 30 member 9) |
| GP179\_HUMAN | Probable G-protein coupled receptor 179 (Probable G-protein coupled receptor 158-like 1) (GPR158-like) |
| CORO6\_HUMAN | Coronin-6 (Coronin-like protein E) (Clipin-E) |
| BL1S3\_HUMAN | Biogenesis of lysosome-related organelles complex 1 subunit 3 (BLOC-1 subunit 3) |
| BL1S2\_HUMAN | Biogenesis of lysosome-related organelles complex 1 subunit 2 (BLOC-1 subunit 2) (Centrosome-associated protein) |
| RICTR\_HUMAN | Rapamycin-insensitive companion of mTOR (AVO3 homolog) (hAVO3) |
| POTEE\_HUMAN | POTE ankyrin domain family member E (ANKRD26-like family C member 1A) (Prostate, ovary, testis-expressed protein on chromosome 2) (POTE-2) |
| POTEA\_HUMAN | POTE ankyrin domain family member A (ANKRD26-like family A member 1) (Prostate, ovary, testis-expressed protein on chromosome 8) (POTE-8) |
| CC171\_HUMAN | Coiled-coil domain-containing protein 171 |
| KLH24\_HUMAN | Kelch-like protein 24 (Kainate receptor-interacting protein for GluR6) (KRIP6) (Protein DRE1) |
| C1TM\_HUMAN | Monofunctional C1-tetrahydrofolate synthase, mitochondrial (EC 6.3.4.3) (Formyltetrahydrofolate synthetase) |
| FIP1\_HUMAN | Pre-mRNA 3'-end-processing factor FIP1 (hFip1) (FIP1-like 1 protein) (Factor interacting with PAP) (Rearranged in hypereosinophilia) |
| CSPG4\_HUMAN | Chondroitin sulfate proteoglycan 4 (Chondroitin sulfate proteoglycan NG2) (Melanoma chondroitin sulfate proteoglycan) (Melanoma-associated chondroitin sulfate proteoglycan) |
| KDEL1\_HUMAN | KDEL motif-containing protein 1 (Endoplasmic reticulum resident protein 58) (ER protein 58) (ERp58) |
| TM205\_HUMAN | Transmembrane protein 205 |
| UQCC3\_HUMAN | Ubiquinol-cytochrome-c reductase complex assembly factor 3 (Assembly factor CBP4 homolog) |
| LRSM1\_HUMAN | E3 ubiquitin-protein ligase LRSAM1 (EC 6.3.2.-) (Leucine-rich repeat and sterile alpha motif-containing protein 1) (Tsg101-associated ligase) (hTAL) |
| SUSD1\_HUMAN | Sushi domain-containing protein 1 |
| DHR11\_HUMAN | Dehydrogenase/reductase SDR family member 11 (EC 1.1.-.-) (Short-chain dehydrogenase/reductase family 24C member 1) |
| LCLT1\_HUMAN | Lysocardiolipin acyltransferase 1 (EC 2.3.1.-) (EC 2.3.1.51) (1-acylglycerol-3-phosphate O-acyltransferase 8) (1-AGP acyltransferase 8) (1-AGPAT 8) (Acyl-CoA:lysocardiolipin acyltransferase 1) |
| PT117\_HUMAN | Protein PET117 homolog, mitochondrial |
| CQ099\_HUMAN | Uncharacterized protein C17orf99 |
| MET7B\_HUMAN | Methyltransferase-like protein 7B (EC 2.1.1.-) |
| LRIG3\_HUMAN | Leucine-rich repeats and immunoglobulin-like domains protein 3 (LIG-3) |
| WDR82\_HUMAN | WD repeat-containing protein 82 (Protein TMEM113) (Swd2) |
| MIC27\_HUMAN | MICOS complex subunit MIC27 (Apolipoprotein O-like) (Protein FAM121A) |
| LRC31\_HUMAN | Leucine-rich repeat-containing protein 31 |
| FAT4\_HUMAN | Protocadherin Fat 4 (hFat4) (Cadherin family member 14) (FAT tumor suppressor homolog 4) (Fat-like cadherin protein FAT-J) |
| RBP10\_HUMAN | Ran-binding protein 10 (RanBP10) |
| BCOR\_HUMAN | BCL-6 corepressor (BCoR) |
| GDPD4\_HUMAN | Glycerophosphodiester phosphodiesterase domain-containing protein 4 (EC 3.1.-.-) (Glycerophosphodiester phosphodiesterase 6) (UgpQ) |
| PNCB\_HUMAN | Nicotinate phosphoribosyltransferase (NAPRTase) (EC 6.3.4.21) (FHA-HIT-interacting protein) (Nicotinate phosphoribosyltransferase domain-containing protein 1) |
| PERQ2\_HUMAN | PERQ amino acid-rich with GYF domain-containing protein 2 (GRB10-interacting GYF protein 2) (Trinucleotide repeat-containing gene 15 protein) |
| HSDL2\_HUMAN | Hydroxysteroid dehydrogenase-like protein 2 (EC 1.-.-.-) (Short chain dehydrogenase/reductase family 13C member 1) |
| LDH6A\_HUMAN | L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) |
| TRI72\_HUMAN | Tripartite motif-containing protein 72 (Mitsugumin-53) (Mg53) |
| SYNE3\_HUMAN | Nesprin-3 (Nuclear envelope spectrin repeat protein 3) |
| FGD5\_HUMAN | FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) |
| TM182\_HUMAN | Transmembrane protein 182 |
| CC141\_HUMAN | Coiled-coil domain-containing protein 141 (Coiled-coil protein associated with myosin II and DISC1) |
| WDR87\_HUMAN | WD repeat-containing protein 87 (Testis development protein NYD-SP11) |
| CCD73\_HUMAN | Coiled-coil domain-containing protein 73 (Sarcoma antigen NY-SAR-79) |
| LRRC9\_HUMAN | Leucine-rich repeat-containing protein 9 |
| SRCAP\_HUMAN | Helicase SRCAP (EC 3.6.4.-) (Domino homolog 2) (Snf2-related CBP activator) |
| FA83H\_HUMAN | Protein FAM83H |
| FA65A\_HUMAN | Protein FAM65A |
| PPR3F\_HUMAN | Protein phosphatase 1 regulatory subunit 3F (R3F) |
| UBR3\_HUMAN | E3 ubiquitin-protein ligase UBR3 (EC 6.3.2.-) (N-recognin-3) (Ubiquitin-protein ligase E3-alpha-3) (Ubiquitin-protein ligase E3-alpha-III) (Zinc finger protein 650) |
| CFA47\_HUMAN | Cilia- and flagella-associated protein 47 |
| YA021\_HUMAN | Putative C-type lectin domain-containing protein LINC00083 |
| CC108\_HUMAN | Coiled-coil domain-containing protein 108 |
| CE128\_HUMAN | Centrosomal protein of 128 kDa (Cep128) |
| CK057\_HUMAN | Uncharacterized protein C11orf57 |
| CO052\_HUMAN | Uncharacterized protein C15orf52 |
| PLPL7\_HUMAN | Patatin-like phospholipase domain-containing protein 7 (EC 3.1.1.-) |
| TM1L2\_HUMAN | TOM1-like protein 2 (Target of Myb-like protein 2) |
| TMTC3\_HUMAN | Transmembrane and TPR repeat-containing protein 3 (Protein SMILE) |
| XIRP1\_HUMAN | Xin actin-binding repeat-containing protein 1 (Cardiomyopathy-associated protein 1) |
| VP13C\_HUMAN | Vacuolar protein sorting-associated protein 13C |
| RAPH1\_HUMAN | Ras-associated and pleckstrin homology domains-containing protein 1 (RAPH1) (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 18 protein) (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 9 protein) (Lamellipodin) (Proline-rich EVH1 ligand 2) (PREL-2) (Protein RMO1) |
| MOB2\_HUMAN | MOB kinase activator 2 (HCCA2) (Mob2 homolog) (Mps one binder kinase activator-like 2) |
| PREX2\_HUMAN | Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein (P-Rex2) (PtdIns(3,4,5)-dependent Rac exchanger 2) (DEP domain-containing protein 2) |
| CJ071\_HUMAN | Uncharacterized protein C10orf71 |
| UB2R2\_HUMAN | Ubiquitin-conjugating enzyme E2 R2 (EC 6.3.2.19) (Ubiquitin carrier protein R2) (Ubiquitin-conjugating enzyme E2-CDC34B) (Ubiquitin-protein ligase R2) |
| H32\_HUMAN | Histone H3.2 (Histone H3/m) (Histone H3/o) |
| MD13L\_HUMAN | Mediator of RNA polymerase II transcription subunit 13-like (Mediator complex subunit 13-like) (Thyroid hormone receptor-associated protein 2) (Thyroid hormone receptor-associated protein complex 240 kDa component-like) |
| TBA1A\_HUMAN | Tubulin alpha-1A chain (Alpha-tubulin 3) (Tubulin B-alpha-1) (Tubulin alpha-3 chain) |
| H2AV\_HUMAN | Histone H2A.V (H2A.F/Z) |
| RS27L\_HUMAN | 40S ribosomal protein S27-like |
| HAKAI\_HUMAN | E3 ubiquitin-protein ligase Hakai (EC 6.3.2.-) (Casitas B-lineage lymphoma-transforming sequence-like protein 1) (RING finger protein 188) (c-Cbl-like protein 1) |
| MTSSL\_HUMAN | MTSS1-like protein (Actin-bundling with BAIAP2 homology protein 1) (ABBA-1) |
| NOL8\_HUMAN | Nucleolar protein 8 (Nucleolar protein Nop132) |
| CEP68\_HUMAN | Centrosomal protein of 68 kDa (Cep68) |
| BT2A1\_HUMAN | Butyrophilin subfamily 2 member A1 |
| SPT6H\_HUMAN | Transcription elongation factor SPT6 (hSPT6) (Histone chaperone suppressor of Ty6) (Tat-cotransactivator 2 protein) (Tat-CT2 protein) |
| SND1\_HUMAN | Staphylococcal nuclease domain-containing protein 1 (100 kDa coactivator) (EBNA2 coactivator p100) (Tudor domain-containing protein 11) (p100 co-activator) |
| MARK2\_HUMAN | Serine/threonine-protein kinase MARK2 (EC 2.7.11.1) (EC 2.7.11.26) (ELKL motif kinase 1) (EMK-1) (MAP/microtubule affinity-regulating kinase 2) (PAR1 homolog) (PAR1 homolog b) (Par-1b) (Par1b) |
| COX15\_HUMAN | Cytochrome c oxidase assembly protein COX15 homolog |
| DDX46\_HUMAN | Probable ATP-dependent RNA helicase DDX46 (EC 3.6.4.13) (DEAD box protein 46) (PRP5 homolog) |
| MRRP1\_HUMAN | Mitochondrial ribonuclease P protein 1 (Mitochondrial RNase P protein 1) (EC 2.1.1.-) (HBV pre-S2 trans-regulated protein 2) (RNA (guanine-9-)-methyltransferase domain-containing protein 1) (Renal carcinoma antigen NY-REN-49) (tRNA methyltransferase 10 homolog C) |
| BZW1\_HUMAN | Basic leucine zipper and W2 domain-containing protein 1 (Protein Orf) |
| DHX30\_HUMAN | Putative ATP-dependent RNA helicase DHX30 (EC 3.6.4.13) (DEAH box protein 30) |
| EIF3M\_HUMAN | Eukaryotic translation initiation factor 3 subunit M (eIF3m) (Fetal lung protein B5) (hFL-B5) (PCI domain-containing protein 1) |
| CENPQ\_HUMAN | Centromere protein Q (CENP-Q) |
| ARMX2\_HUMAN | Armadillo repeat-containing X-linked protein 2 (ARM protein lost in epithelial cancers on chromosome X 2) (Protein ALEX2) |
| CD37L\_HUMAN | Hsp90 co-chaperone Cdc37-like 1 (Hsp90-associating relative of Cdc37) |
| SYPM\_HUMAN | Probable proline--tRNA ligase, mitochondrial (EC 6.1.1.15) (Prolyl-tRNA synthetase) (ProRS) |
| FA73B\_HUMAN | Protein FAM73B |
| RSRC2\_HUMAN | Arginine/serine-rich coiled-coil protein 2 |
| RRAGA\_HUMAN | Ras-related GTP-binding protein A (Rag A) (RagA) (Adenovirus E3 14.7 kDa-interacting protein 1) (FIP-1) |
| CYFP1\_HUMAN | Cytoplasmic FMR1-interacting protein 1 (Specifically Rac1-associated protein 1) (Sra-1) (p140sra-1) |
| DOK3\_HUMAN | Docking protein 3 (Downstream of tyrosine kinase 3) |
| NDUF7\_HUMAN | NADH dehydrogenase [ubiquinone] complex I, assembly factor 7 (Protein midA homolog, mitochondrial) |
| GET4\_HUMAN | Golgi to ER traffic protein 4 homolog (Conserved edge-expressed protein) (Transmembrane domain recognition complex 35 kDa subunit) (TRC35) |
| CSN6\_HUMAN | COP9 signalosome complex subunit 6 (SGN6) (Signalosome subunit 6) (JAB1-containing signalosome subunit 6) (MOV34 homolog) (Vpr-interacting protein) (hVIP) |
| H2A3\_HUMAN | Histone H2A type 3 |
| TAOK1\_HUMAN | Serine/threonine-protein kinase TAO1 (EC 2.7.11.1) (Kinase from chicken homolog B) (hKFC-B) (MARK Kinase) (MARKK) (Prostate-derived sterile 20-like kinase 2) (PSK-2) (PSK2) (Prostate-derived STE20-like kinase 2) (Thousand and one amino acid protein kinase 1) (TAOK1) (hTAOK1) |
| 3BP5L\_HUMAN | SH3 domain-binding protein 5-like (SH3BP-5-like) |
| EEPD1\_HUMAN | Endonuclease/exonuclease/phosphatase family domain-containing protein 1 |
| CHM1B\_HUMAN | Charged multivesicular body protein 1b (CHMP1.5) (Chromatin-modifying protein 1b) (CHMP1b) (Vacuolar protein sorting-associated protein 46-2) (Vps46-2) (hVps46-2) |
| RIR2B\_HUMAN | Ribonucleoside-diphosphate reductase subunit M2 B (EC 1.17.4.1) (TP53-inducible ribonucleotide reductase M2 B) (p53-inducible ribonucleotide reductase small subunit 2-like protein) (p53R2) |
| MICA3\_HUMAN | Protein-methionine sulfoxide oxidase MICAL3 (EC 1.14.13.-) (Molecule interacting with CasL protein 3) (MICAL-3) |
| PHF5A\_HUMAN | PHD finger-like domain-containing protein 5A (PHD finger-like domain protein 5A) (Splicing factor 3B-associated 14 kDa protein) (SF3b14b) |
| CTSR4\_HUMAN | Cation channel sperm-associated protein 4 (CatSper4) |
| ERMP1\_HUMAN | Endoplasmic reticulum metallopeptidase 1 (EC 3.4.-.-) (Felix-ina) |
| ZCCHV\_HUMAN | Zinc finger CCCH-type antiviral protein 1 (ADP-ribosyltransferase diphtheria toxin-like 13) (ARTD13) (Zinc finger CCCH domain-containing protein 2) (Zinc finger antiviral protein) (ZAP) |
| RM21\_HUMAN | 39S ribosomal protein L21, mitochondrial (L21mt) (MRP-L21) |
| PCLI1\_HUMAN | PTB-containing, cubilin and LRP1-interacting protein (P-CLI1) (Phosphotyrosine interaction domain-containing protein 1) (Protein NYGGF4) |
| ETUD1\_HUMAN | Elongation factor Tu GTP-binding domain-containing protein 1 (Elongation factor-like 1) (Protein FAM42A) |
| MAMC2\_HUMAN | MAM domain-containing protein 2 (MAM domain-containing proteoglycan) (Mamcan) |
| SETX\_HUMAN | Probable helicase senataxin (EC 3.6.4.-) (Amyotrophic lateral sclerosis 4 protein) (SEN1 homolog) (Senataxin) |
| TPC11\_HUMAN | Trafficking protein particle complex subunit 11 |
| NEGR1\_HUMAN | Neuronal growth regulator 1 (IgLON family member 4) |
| NUP54\_HUMAN | Nucleoporin p54 (54 kDa nucleoporin) |
| ATG9A\_HUMAN | Autophagy-related protein 9A (APG9-like 1) (mATG9) |
| CN159\_HUMAN | UPF0317 protein C14orf159, mitochondrial |
| CP062\_HUMAN | UPF0505 protein C16orf62 (Esophageal cancer-associated protein) |
| ZFY16\_HUMAN | Zinc finger FYVE domain-containing protein 16 (Endofin) (Endosome-associated FYVE domain protein) |
| MON2\_HUMAN | Protein MON2 homolog (Protein SF21) |
| K1C26\_HUMAN | Keratin, type I cytoskeletal 26 (Cytokeratin-26) (CK-26) (Keratin-25B) (K25B) (Keratin-26) (K26) (Type I inner root sheath-specific keratin-K25irs2) |
| MYH14\_HUMAN | Myosin-14 (Myosin heavy chain 14) (Myosin heavy chain, non-muscle IIc) (Non-muscle myosin heavy chain IIc) (NMHC II-C) |
| PEX26\_HUMAN | Peroxisome assembly protein 26 (Peroxin-26) |
| NUFP2\_HUMAN | Nuclear fragile X mental retardation-interacting protein 2 (82 kDa FMRP-interacting protein) (82-FIP) (Cell proliferation-inducing gene 1 protein) (FMRP-interacting protein 2) |
| SZRD1\_HUMAN | SUZ domain-containing protein 1 (Putative MAPK-activating protein PM18/PM20/PM22) |
| MAVS\_HUMAN | Mitochondrial antiviral-signaling protein (MAVS) (CARD adapter inducing interferon beta) (Cardif) (Interferon beta promoter stimulator protein 1) (IPS-1) (Putative NF-kappa-B-activating protein 031N) (Virus-induced-signaling adapter) (VISA) |
| CLAP1\_HUMAN | CLIP-associating protein 1 (Cytoplasmic linker-associated protein 1) (Multiple asters homolog 1) (Protein Orbit homolog 1) (hOrbit1) |
| DHX29\_HUMAN | ATP-dependent RNA helicase DHX29 (EC 3.6.4.13) (DEAH box protein 29) (Nucleic acid helicase DDXx) |
| HDDC2\_HUMAN | HD domain-containing protein 2 (Hepatitis C virus NS5A-transactivated protein 2) (HCV NS5A-transactivated protein 2) |
| CF120\_HUMAN | UPF0669 protein C6orf120 |
| KI21A\_HUMAN | Kinesin-like protein KIF21A (Kinesin-like protein KIF2) (Renal carcinoma antigen NY-REN-62) |
| HDGR2\_HUMAN | Hepatoma-derived growth factor-related protein 2 (HRP-2) (Hepatoma-derived growth factor 2) (HDGF-2) |
| DCXR\_HUMAN | L-xylulose reductase (XR) (EC 1.1.1.10) (Carbonyl reductase II) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Short chain dehydrogenase/reductase family 20C member 1) (Sperm surface protein P34H) |
| AT5L2\_HUMAN | ATP synthase subunit g 2, mitochondrial (ATPase subunit g 2) |
| WAPL\_HUMAN | Wings apart-like protein homolog (Friend of EBNA2 protein) (WAPL cohesin release factor) |
| I2BP2\_HUMAN | Interferon regulatory factor 2-binding protein 2 (IRF-2-binding protein 2) (IRF-2BP2) |
| CPEB2\_HUMAN | Cytoplasmic polyadenylation element-binding protein 2 (CPE-BP2) (CPE-binding protein 2) (hCPEB-2) |
| DPOLN\_HUMAN | DNA polymerase nu (EC 2.7.7.7) |
| BN3D2\_HUMAN | Pre-miRNA 5'-monophosphate methyltransferase (EC 2.1.1.-) (BCDIN3 domain-containing protein) |
| ADCK2\_HUMAN | Uncharacterized aarF domain-containing protein kinase 2 (EC 2.7.11.-) |
| RBBP6\_HUMAN | E3 ubiquitin-protein ligase RBBP6 (EC 6.3.2.-) (Proliferation potential-related protein) (Protein P2P-R) (Retinoblastoma-binding Q protein 1) (RBQ-1) (Retinoblastoma-binding protein 6) (p53-associated cellular protein of testis) |
| ARPIN\_HUMAN | Arpin (Arp2/3 inhibition protein) |
| FBX33\_HUMAN | F-box only protein 33 |
| MTEF4\_HUMAN | Transcription termination factor 4, mitochondrial (Mitochondrial transcription termination factor 4) (MTERF4) (mTERF domain-containing protein 2) [Cleaved into: mTERF domain-containing protein 2 processed] |
| HUWE1\_HUMAN | E3 ubiquitin-protein ligase HUWE1 (EC 6.3.2.-) (ARF-binding protein 1) (ARF-BP1) (HECT, UBA and WWE domain-containing protein 1) (Homologous to E6AP carboxyl terminus homologous protein 9) (HectH9) (Large structure of UREB1) (LASU1) (Mcl-1 ubiquitin ligase E3) (Mule) (Upstream regulatory element-binding protein 1) (URE-B1) (URE-binding protein 1) |
| PKHH3\_HUMAN | Pleckstrin homology domain-containing family H member 3 (PH domain-containing family H member 3) |
| YTHD3\_HUMAN | YTH domain-containing family protein 3 |
| MRO2B\_HUMAN | Maestro heat-like repeat-containing protein family member 2B (HEAT repeat-containing protein 7B2) |
| K2C1B\_HUMAN | Keratin, type II cytoskeletal 1b (Cytokeratin-1B) (CK-1B) (Keratin-77) (K77) (Type-II keratin Kb39) |
| CNTRL\_HUMAN | Centriolin (Centrosomal protein 1) (Centrosomal protein of 110 kDa) (Cep110) |
| CTU1\_HUMAN | Cytoplasmic tRNA 2-thiolation protein 1 (EC 2.7.7.-) (ATP-binding domain-containing protein 3) (Cancer-associated gene protein) (Cytoplasmic tRNA adenylyltransferase 1) |
| FLIP1\_HUMAN | Filamin-A-interacting protein 1 (FILIP) |
| RM55\_HUMAN | 39S ribosomal protein L55, mitochondrial (L55mt) (MRP-L55) |
| TARSH\_HUMAN | Target of Nesh-SH3 (Tarsh) (ABI gene family member 3-binding protein) (Nesh-binding protein) (NeshBP) |
| TMED4\_HUMAN | Transmembrane emp24 domain-containing protein 4 (Endoplasmic reticulum stress-response protein 25) (ERS25) (GMP25iso) (Putative NF-kappa-B-activating protein 156) (p24 family protein alpha-3) (p24alpha3) |
| RM10\_HUMAN | 39S ribosomal protein L10, mitochondrial (L10mt) (MRP-L10) (39S ribosomal protein L8, mitochondrial) (L8mt) (MRP-L8) |
| COXM1\_HUMAN | COX assembly mitochondrial protein homolog (Cmc1p) |
| CENPV\_HUMAN | Centromere protein V (CENP-V) (Nuclear protein p30) (Proline-rich protein 6) |
| NPM2\_HUMAN | Nucleoplasmin-2 |
| NEK8\_HUMAN | Serine/threonine-protein kinase Nek8 (EC 2.7.11.1) (Never in mitosis A-related kinase 8) (NimA-related protein kinase 8) (Nima-related protein kinase 12a) |
| DSG4\_HUMAN | Desmoglein-4 (Cadherin family member 13) |
| AGRA1\_HUMAN | Adhesion G protein-coupled receptor A1 (G-protein coupled receptor 123) |
| GLT10\_HUMAN | Polypeptide N-acetylgalactosaminyltransferase 10 (EC 2.4.1.41) (Polypeptide GalNAc transferase 10) (GalNAc-T10) (pp-GaNTase 10) (Protein-UDP acetylgalactosaminyltransferase 10) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10) |
| ILDR1\_HUMAN | Immunoglobulin-like domain-containing receptor 1 |
| GLRX5\_HUMAN | Glutaredoxin-related protein 5, mitochondrial (Monothiol glutaredoxin-5) |
| TPC6B\_HUMAN | Trafficking protein particle complex subunit 6B |
| DAAM2\_HUMAN | Disheveled-associated activator of morphogenesis 2 |
| ALPK2\_HUMAN | Alpha-protein kinase 2 (EC 2.7.11.-) (Heart alpha-protein kinase) |
| PATL1\_HUMAN | Protein PAT1 homolog 1 (PAT1-like protein 1) (Protein PAT1 homolog b) (Pat1b) (hPat1b) |
| MYPN\_HUMAN | Myopalladin (145 kDa sarcomeric protein) |
| SRCA\_HUMAN | Sarcalumenin |
| DPP9\_HUMAN | Dipeptidyl peptidase 9 (DP9) (EC 3.4.14.5) (Dipeptidyl peptidase IV-related protein 2) (DPRP-2) (Dipeptidyl peptidase IX) (DPP IX) (Dipeptidyl peptidase-like protein 9) (DPLP9) |
| TRPT1\_HUMAN | tRNA 2'-phosphotransferase 1 (EC 2.7.1.160) |
| PRUNE\_HUMAN | Protein prune homolog (hPrune) (EC 3.6.1.1) (Drosophila-related expressed sequence 17) (DRES-17) (DRES17) (HTcD37) |
| SETD3\_HUMAN | Histone-lysine N-methyltransferase setd3 (EC 2.1.1.43) (SET domain-containing protein 3) |
| TTC7B\_HUMAN | Tetratricopeptide repeat protein 7B (TPR repeat protein 7B) (Tetratricopeptide repeat protein 7-like-1) (TPR repeat protein 7-like-1) |
| ACOT1\_HUMAN | Acyl-coenzyme A thioesterase 1 (Acyl-CoA thioesterase 1) (EC 3.1.2.2) (CTE-I) (CTE-Ib) (Inducible cytosolic acyl-coenzyme A thioester hydrolase) (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) |
| ISCA2\_HUMAN | Iron-sulfur cluster assembly 2 homolog, mitochondrial (HESB-like domain-containing protein 1) |
| PABP2\_HUMAN | Polyadenylate-binding protein 2 (PABP-2) (Poly(A)-binding protein 2) (Nuclear poly(A)-binding protein 1) (Poly(A)-binding protein II) (PABII) (Polyadenylate-binding nuclear protein 1) |
| YRDC\_HUMAN | YrdC domain-containing protein, mitochondrial (Dopamine receptor-interacting protein 3) (Ischemia/reperfusion-inducible protein homolog) (hIRIP) |
| LYRIC\_HUMAN | Protein LYRIC (3D3/LYRIC) (Astrocyte elevated gene-1 protein) (AEG-1) (Lysine-rich CEACAM1 co-isolated protein) (Metadherin) (Metastasis adhesion protein) |
| KTN1\_HUMAN | Kinectin (CG-1 antigen) (Kinesin receptor) |
| GTD2A\_HUMAN | General transcription factor II-I repeat domain-containing protein 2A (GTF2I repeat domain-containing protein 2A) (Transcription factor GTF2IRD2-alpha) |
| ABCAD\_HUMAN | ATP-binding cassette sub-family A member 13 |
| EST1A\_HUMAN | Telomerase-binding protein EST1A (EC 3.1.-.-) (EST1-like protein A) (Ever shorter telomeres 1A) (Smg-6 homolog) (Telomerase subunit EST1A) (hSmg5/7a) |
| NLRX1\_HUMAN | NLR family member X1 (Caterpiller protein 11.3) (CLR11.3) (Nucleotide-binding oligomerization domain protein 26) (Nucleotide-binding oligomerization domain protein 5) (Nucleotide-binding oligomerization domain protein 9) |
| PHLB1\_HUMAN | Pleckstrin homology-like domain family B member 1 (Protein LL5-alpha) |
| UBP48\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 48 (EC 3.4.19.12) (Deubiquitinating enzyme 48) (Ubiquitin thioesterase 48) (Ubiquitin-specific-processing protease 48) |
| CAPS2\_HUMAN | Calcium-dependent secretion activator 2 (Calcium-dependent activator protein for secretion 2) (CAPS-2) |
| ITIH5\_HUMAN | Inter-alpha-trypsin inhibitor heavy chain H5 (ITI heavy chain H5) (ITI-HC5) (Inter-alpha-inhibitor heavy chain 5) |
| URP2\_HUMAN | Fermitin family homolog 3 (Kindlin-3) (MIG2-like protein) (Unc-112-related protein 2) |
| CASZ1\_HUMAN | Zinc finger protein castor homolog 1 (Castor-related protein) (Putative survival-related protein) (Zinc finger protein 693) |
| LUZP1\_HUMAN | Leucine zipper protein 1 |
| THOC4\_HUMAN | THO complex subunit 4 (Tho4) (Ally of AML-1 and LEF-1) (Aly/REF export factor) (Transcriptional coactivator Aly/REF) (bZIP-enhancing factor BEF) |
| MGDP1\_HUMAN | Magnesium-dependent phosphatase 1 (MDP-1) (EC 3.1.3.-) (EC 3.1.3.48) |
| S2542\_HUMAN | Mitochondrial coenzyme A transporter SLC25A42 (Solute carrier family 25 member 42) |
| IGFN1\_HUMAN | Immunoglobulin-like and fibronectin type III domain-containing protein 1 (EEF1A2-binding protein 1) (KY-interacting protein 1) |
| NRAP\_HUMAN | Nebulin-related-anchoring protein (N-RAP) |
| KIF27\_HUMAN | Kinesin-like protein KIF27 |
| ZCH18\_HUMAN | Zinc finger CCCH domain-containing protein 18 (Nuclear protein NHN1) |
| VPS36\_HUMAN | Vacuolar protein-sorting-associated protein 36 (ELL-associated protein of 45 kDa) (ESCRT-II complex subunit VPS36) |
| CAND1\_HUMAN | Cullin-associated NEDD8-dissociated protein 1 (Cullin-associated and neddylation-dissociated protein 1) (TBP-interacting protein of 120 kDa A) (TBP-interacting protein 120A) (p120 CAND1) |
| F134C\_HUMAN | Protein FAM134C |
| IQCH\_HUMAN | IQ domain-containing protein H (Testis development protein NYD-SP5) |
| HOOK3\_HUMAN | Protein Hook homolog 3 (h-hook3) (hHK3) |
| CMTD1\_HUMAN | Catechol O-methyltransferase domain-containing protein 1 (EC 2.1.1.-) |
| AMZ2\_HUMAN | Archaemetzincin-2 (EC 3.4.-.-) (Archeobacterial metalloproteinase-like protein 2) |
| PARG\_HUMAN | Poly(ADP-ribose) glycohydrolase (EC 3.2.1.143) |
| LIPB1\_HUMAN | Liprin-beta-1 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 1) (PTPRF-interacting protein-binding protein 1) (hSGT2) |
| BPHL\_HUMAN | Valacyclovir hydrolase (VACVase) (Valacyclovirase) (EC 3.1.-.-) (Biphenyl hydrolase-like protein) (Biphenyl hydrolase-related protein) (Bph-rp) (Breast epithelial mucin-associated antigen) (MCNAA) |
| OSTM1\_HUMAN | Osteopetrosis-associated transmembrane protein 1 (Chloride channel 7 beta subunit) |
| PPR27\_HUMAN | Protein phosphatase 1 regulatory subunit 27 (Dysferlin-interacting protein 1) (Toonin) |
| CCD25\_HUMAN | Coiled-coil domain-containing protein 25 |
| LDHD\_HUMAN | Probable D-lactate dehydrogenase, mitochondrial (DLD) (Lactate dehydrogenase D) (EC 1.1.2.4) |
| COA5\_HUMAN | Cytochrome c oxidase assembly factor 5 |
| LSR\_HUMAN | Lipolysis-stimulated lipoprotein receptor |
| CARM1\_HUMAN | Histone-arginine methyltransferase CARM1 (EC 2.1.1.-) (EC 2.1.1.125) (Coactivator-associated arginine methyltransferase 1) (Protein arginine N-methyltransferase 4) |
| NIT1\_HUMAN | Nitrilase homolog 1 (EC 3.5.-.-) |
| COMD2\_HUMAN | COMM domain-containing protein 2 |
| F131B\_HUMAN | Protein FAM131B |
| HOGA1\_HUMAN | 4-hydroxy-2-oxoglutarate aldolase, mitochondrial (EC 4.1.3.16) (Dihydrodipicolinate synthase-like) (DHDPS-like protein) (Probable 2-keto-4-hydroxyglutarate aldolase) (Probable KHG-aldolase) (Protein 569272) |
| ANKL2\_HUMAN | Ankyrin repeat and LEM domain-containing protein 2 (LEM domain-containing protein 4) |
| CTSRD\_HUMAN | Cation channel sperm-associated protein subunit delta (CatSper-delta) (CatSperdelta) (Transmembrane protein 146) |
| DDX42\_HUMAN | ATP-dependent RNA helicase DDX42 (EC 3.6.4.13) (DEAD box protein 42) (RNA helicase-like protein) (RHELP) (RNA helicase-related protein) (RNAHP) (SF3b DEAD box protein) (Splicing factor 3B-associated 125 kDa protein) (SF3b125) |
| CD20B\_HUMAN | Cell division cycle protein 20 homolog B |
| NDUAB\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (Complex I-B14.7) (CI-B14.7) (NADH-ubiquinone oxidoreductase subunit B14.7) |
| STX12\_HUMAN | Syntaxin-12 |
| ECHD2\_HUMAN | Enoyl-CoA hydratase domain-containing protein 2, mitochondrial |
| F90A1\_HUMAN | Protein FAM90A1 |
| DZIP1\_HUMAN | Zinc finger protein DZIP1 (DAZ-interacting protein 1/2) |
| THNS2\_HUMAN | Threonine synthase-like 2 (TSH2) (EC 4.2.3.-) (Secreted osteoclastogenic factor of activated T-cells) (SOFAT) |
| HOME1\_HUMAN | Homer protein homolog 1 (Homer-1) |
| DOPP1\_HUMAN | Dolichyldiphosphatase 1 (EC 3.6.1.43) (Dolichyl pyrophosphate phosphatase 1) |
| C2CD5\_HUMAN | C2 domain-containing protein 5 (C2 domain-containing phosphoprotein of 138 kDa) |
| SG223\_HUMAN | Tyrosine-protein kinase SgK223 (EC 2.7.10.2) (Sugen kinase 223) |
| HPS6\_HUMAN | Hermansky-Pudlak syndrome 6 protein (Ruby-eye protein homolog) (Ru) |
| MD12L\_HUMAN | Mediator of RNA polymerase II transcription subunit 12-like protein (Mediator complex subunit 12-like protein) (Thyroid hormone receptor-associated-like protein) (Trinucleotide repeat-containing gene 11 protein-like) |
| KLOTB\_HUMAN | Beta-klotho (BKL) (BetaKlotho) (Klotho beta-like protein) |
| CC125\_HUMAN | Coiled-coil domain-containing protein 125 (Protein kenae) |
| H2A2B\_HUMAN | Histone H2A type 2-B |
| MY18B\_HUMAN | Unconventional myosin-XVIIIb |
| TPPC5\_HUMAN | Trafficking protein particle complex subunit 5 |
| CRERF\_HUMAN | CREB3 regulatory factor (Luman recruitment factor) (LRF) |
| ARMC8\_HUMAN | Armadillo repeat-containing protein 8 |
| AT2L2\_HUMAN | 5-phosphohydroxy-L-lysine phospho-lyase (EC 4.2.3.134) (Alanine--glyoxylate aminotransferase 2-like 2) |
| ANKY2\_HUMAN | Ankyrin repeat and MYND domain-containing protein 2 |
| LYSM2\_HUMAN | LysM and putative peptidoglycan-binding domain-containing protein 2 |
| NUDC3\_HUMAN | NudC domain-containing protein 3 |
| AHNK2\_HUMAN | Protein AHNAK2 |
| DYH10\_HUMAN | Dynein heavy chain 10, axonemal (Axonemal beta dynein heavy chain 10) (Ciliary dynein heavy chain 10) |
| MMAA\_HUMAN | Methylmalonic aciduria type A protein, mitochondrial (EC 3.6.-.-) |
| NOSTN\_HUMAN | Nostrin (BM247 homolog) (Nitric oxide synthase traffic inducer) (Nitric oxide synthase trafficker) (eNOS-trafficking inducer) |
| NAV3\_HUMAN | Neuron navigator 3 (Pore membrane and/or filament-interacting-like protein 1) (Steerin-3) (Unc-53 homolog 3) (unc53H3) |
| CCD50\_HUMAN | Coiled-coil domain-containing protein 50 (Protein Ymer) |
| MSTN1\_HUMAN | Musculoskeletal embryonic nuclear protein 1 |
| FUND1\_HUMAN | FUN14 domain-containing protein 1 |
| FABD\_HUMAN | Malonyl-CoA-acyl carrier protein transacylase, mitochondrial (MCT) (EC 2.3.1.39) (Mitochondrial malonyl CoA:ACP acyltransferase) (Mitochondrial malonyltransferase) ([Acyl-carrier-protein] malonyltransferase) |
| CC103\_HUMAN | Coiled-coil domain-containing protein 103 |
| MAPK5\_HUMAN | MAP kinase-activated protein kinase 5 (MAPK-activated protein kinase 5) (MAPKAP kinase 5) (MAPKAP-K5) (MAPKAPK-5) (MK-5) (MK5) (EC 2.7.11.1) (p38-regulated/activated protein kinase) (PRAK) |
| NNRD\_HUMAN | ATP-dependent (S)-NAD(P)H-hydrate dehydratase (EC 4.2.1.93) (ATP-dependent NAD(P)HX dehydratase) (Carbohydrate kinase domain-containing protein) |
| MFN1\_HUMAN | Mitofusin-1 (EC 3.6.5.-) (Fzo homolog) (Transmembrane GTPase MFN1) |
| CTL2\_HUMAN | Choline transporter-like protein 2 (Solute carrier family 44 member 2) |
| CCD60\_HUMAN | Coiled-coil domain-containing protein 60 |
| WDFY1\_HUMAN | WD repeat and FYVE domain-containing protein 1 (FENS-1) (Phosphoinositide-binding protein 1) (WD40- and FYVE domain-containing protein 1) (Zinc finger FYVE domain-containing protein 17) |
| TEX2\_HUMAN | Testis-expressed sequence 2 protein (Transmembrane protein 96) |
| HSC20\_HUMAN | Iron-sulfur cluster co-chaperone protein HscB, mitochondrial (DnaJ homolog subfamily C member 20) (Hsc20) |
| ARCH\_HUMAN | Protein archease (Protein ZBTB8OS) (Zinc finger and BTB domain-containing opposite strand protein 8) |
| CUL9\_HUMAN | Cullin-9 (CUL-9) (UbcH7-associated protein 1) (p53-associated parkin-like cytoplasmic protein) |
| CNTN4\_HUMAN | Contactin-4 (Brain-derived immunoglobulin superfamily protein 2) (BIG-2) |
| UBR1\_HUMAN | E3 ubiquitin-protein ligase UBR1 (EC 6.3.2.-) (N-recognin-1) (Ubiquitin-protein ligase E3-alpha-1) (Ubiquitin-protein ligase E3-alpha-I) |
| UBR2\_HUMAN | E3 ubiquitin-protein ligase UBR2 (EC 6.3.2.-) (N-recognin-2) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) |
| RHG12\_HUMAN | Rho GTPase-activating protein 12 (Rho-type GTPase-activating protein 12) |
| HOT\_HUMAN | Hydroxyacid-oxoacid transhydrogenase, mitochondrial (HOT) (EC 1.1.99.24) (Alcohol dehydrogenase iron-containing protein 1) (ADHFe1) (Fe-containing alcohol dehydrogenase) |
| UN45B\_HUMAN | Protein unc-45 homolog B (Unc-45B) (SMUNC45) |
| ANKH1\_HUMAN | Ankyrin repeat and KH domain-containing protein 1 (HIV-1 Vpr-binding ankyrin repeat protein) (Multiple ankyrin repeats single KH domain) (hMASK) |
| SUGP2\_HUMAN | SURP and G-patch domain-containing protein 2 (Arginine/serine-rich-splicing factor 14) (Splicing factor, arginine/serine-rich 14) |
| CCAR1\_HUMAN | Cell division cycle and apoptosis regulator protein 1 (Cell cycle and apoptosis regulatory protein 1) (CARP-1) (Death inducer with SAP domain) |
| DHX40\_HUMAN | Probable ATP-dependent RNA helicase DHX40 (EC 3.6.4.13) (DEAH box protein 40) (Protein PAD) |
| SCUB3\_HUMAN | Signal peptide, CUB and EGF-like domain-containing protein 3 |
| CTGE4\_HUMAN | cTAGE family member 4 (Protein cTAGE-4) |
| TUSC5\_HUMAN | Tumor suppressor candidate 5 (Dispanin subfamily B member 1) (DSPB1) (Interferon-induced transmembrane domain-containing protein D3) (Protein located at seventeen-p-thirteen point three 1) |
| MIRO1\_HUMAN | Mitochondrial Rho GTPase 1 (MIRO-1) (hMiro-1) (EC 3.6.5.-) (Rac-GTP-binding protein-like protein) (Ras homolog gene family member T1) |
| SIR2\_HUMAN | NAD-dependent protein deacetylase sirtuin-2 (EC 3.5.1.-) (Regulatory protein SIR2 homolog 2) (SIR2-like protein 2) |
| GLT12\_HUMAN | Polypeptide N-acetylgalactosaminyltransferase 12 (EC 2.4.1.41) (Polypeptide GalNAc transferase 12) (GalNAc-T12) (pp-GaNTase 12) (Protein-UDP acetylgalactosaminyltransferase 12) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 12) |
| MSRB3\_HUMAN | Methionine-R-sulfoxide reductase B3 (MsrB3) (EC 1.8.4.-) |
| BAP18\_HUMAN | Chromatin complexes subunit BAP18 (BPTF-associated protein of 18 kDa) |
| RM41\_HUMAN | 39S ribosomal protein L41, mitochondrial (L41mt) (MRP-L41) (39S ribosomal protein L27 homolog) (Bcl-2-interacting mitochondrial ribosomal protein L41) (Cell proliferation-inducing gene 3 protein) (MRP-L27 homolog) |
| GPAM1\_HUMAN | GPALPP motifs-containing protein 1 (Lipopolysaccharide-specific response protein 7) |
| PALM2\_HUMAN | Paralemmin-2 |
| RB12B\_HUMAN | RNA-binding protein 12B (RNA-binding motif protein 12B) |
| LMTD2\_HUMAN | Lamin tail domain-containing protein 2 |
| CMIP\_HUMAN | C-Maf-inducing protein (c-Mip) (Truncated c-Maf-inducing protein) (Tc-Mip) |
| AMOL1\_HUMAN | Angiomotin-like protein 1 |
| EFC13\_HUMAN | EF-hand calcium-binding domain-containing protein 13 |
| TM192\_HUMAN | Transmembrane protein 192 |
| SRRM1\_HUMAN | Serine/arginine repetitive matrix protein 1 (SR-related nuclear matrix protein of 160 kDa) (SRm160) (Ser/Arg-related nuclear matrix protein) |
| DI3L2\_HUMAN | DIS3-like exonuclease 2 (hDIS3L2) (EC 3.1.13.-) |
| SUV3\_HUMAN | ATP-dependent RNA helicase SUPV3L1, mitochondrial (EC 3.6.4.13) (Suppressor of var1 3-like protein 1) (SUV3-like protein 1) |
| ERF3B\_HUMAN | Eukaryotic peptide chain release factor GTP-binding subunit ERF3B (Eukaryotic peptide chain release factor subunit 3b) (eRF3b) (G1 to S phase transition protein 2 homolog) |
| CCD13\_HUMAN | Coiled-coil domain-containing protein 13 |
| EXOC8\_HUMAN | Exocyst complex component 8 (Exocyst complex 84 kDa subunit) |
| GT252\_HUMAN | Procollagen galactosyltransferase 2 (EC 2.4.1.50) (Collagen beta(1-O)galactosyltransferase 2) (Glycosyltransferase 25 family member 2) (Hydroxylysine galactosyltransferase 2) |
| F186B\_HUMAN | Protein FAM186B |
| THNS1\_HUMAN | Threonine synthase-like 1 (TSH1) |
| P20D2\_HUMAN | …………………………………………………………………………………………………………….. |
| CC170\_HUMAN | Coiled-coil domain-containing protein 170 |
| KATL2\_HUMAN | Katanin p60 ATPase-containing subunit A-like 2 (Katanin p60 subunit A-like 2) (EC 3.6.4.3) (p60 katanin-like 2) |
| MICU2\_HUMAN | Calcium uptake protein 2, mitochondrial (EF-hand domain-containing family member A1) |
| DZI1L\_HUMAN | Zinc finger protein DZIP1L (DAZ-interacting protein 1-like protein) |
| PHAR4\_HUMAN | Phosphatase and actin regulator 4 |
| ELMD2\_HUMAN | ELMO domain-containing protein 2 |
| A16A1\_HUMAN | Aldehyde dehydrogenase family 16 member A1 |
| DCP1B\_HUMAN | mRNA-decapping enzyme 1B (EC 3.-.-.-) |
| DOCK3\_HUMAN | Dedicator of cytokinesis protein 3 (Modifier of cell adhesion) (Presenilin-binding protein) (PBP) |
| XRN1\_HUMAN | 5'-3' exoribonuclease 1 (EC 3.1.13.-) (Strand-exchange protein 1 homolog) |
| PELP1\_HUMAN | Proline-, glutamic acid- and leucine-rich protein 1 (Modulator of non-genomic activity of estrogen receptor) (Transcription factor HMX3) |
| ASPM\_HUMAN | Abnormal spindle-like microcephaly-associated protein (Abnormal spindle protein homolog) (Asp homolog) |
| F185A\_HUMAN | Protein FAM185A |
| VKORL\_HUMAN | Vitamin K epoxide reductase complex subunit 1-like protein 1 (VKORC1-like protein 1) (EC 1.17.4.4) |
| CLYBL\_HUMAN | Citrate lyase subunit beta-like protein, mitochondrial (Citrate lyase beta-like) (Beta-methylmalate synthase) (EC 2.3.3.-) (Malate synthase) (EC 2.3.3.9) |
| SPG20\_HUMAN | Spartin (Spastic paraplegia 20 protein) (Trans-activated by hepatitis C virus core protein 1) |
| ABRA\_HUMAN | Actin-binding Rho-activating protein (Striated muscle activator of Rho-dependent signaling) (STARS) |
| CP4X1\_HUMAN | Cytochrome P450 4X1 (EC 1.14.14.1) (CYPIVX1) |
| MMP21\_HUMAN | Matrix metalloproteinase-21 (MMP-21) (EC 3.4.24.-) |
| RPTOR\_HUMAN | Regulatory-associated protein of mTOR (Raptor) (p150 target of rapamycin (TOR)-scaffold protein) |
| CNTRB\_HUMAN | Centrobin (Centrosomal BRCA2-interacting protein) (LYST-interacting protein 8) |
| PURA1\_HUMAN | Adenylosuccinate synthetase isozyme 1 (AMPSase 1) (AdSS 1) (EC 6.3.4.4) (Adenylosuccinate synthetase, basic isozyme) (Adenylosuccinate synthetase, muscle isozyme) (M-type adenylosuccinate synthetase) (IMP--aspartate ligase 1) |
| CCAR2\_HUMAN | Cell cycle and apoptosis regulator protein 2 (Cell division cycle and apoptosis regulator protein 2) (DBIRD complex subunit KIAA1967) (Deleted in breast cancer gene 1 protein) (DBC-1) (DBC.1) (NET35) (p30 DBC) |
| MIMIT\_HUMAN | Mimitin, mitochondrial (B17.2-like) (B17.2L) (Myc-induced mitochondrial protein) (MMTN) (NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2) (NDUFA12-like protein) |
| NUP93\_HUMAN | Nuclear pore complex protein Nup93 (93 kDa nucleoporin) (Nucleoporin Nup93) |
| CMTR1\_HUMAN | Cap-specific mRNA (nucleoside-2'-O-)-methyltransferase 1 (EC 2.1.1.57) (Cap methyltransferase 1) (Cap1 2'O-ribose methyltransferase 1) (MTr1) (hMTr1) (FtsJ methyltransferase domain-containing protein 2) (Interferon-stimulated gene 95 kDa protein) (ISG95) |
| LRC47\_HUMAN | Leucine-rich repeat-containing protein 47 |
| DOCK4\_HUMAN | Dedicator of cytokinesis protein 4 |
| K2C78\_HUMAN | Keratin, type II cytoskeletal 78 (Cytokeratin-78) (CK-78) (Keratin-5b) (Keratin-78) (K78) (Type-II keratin Kb40) |
| ARG28\_HUMAN | Rho guanine nucleotide exchange factor 28 (190 kDa guanine nucleotide exchange factor) (p190-RhoGEF) (p190RhoGEF) (Rho guanine nucleotide exchange factor) |
| H2B3B\_HUMAN | Histone H2B type 3-B (H2B type 12) |
| GHDC\_HUMAN | GH3 domain-containing protein |
| LTBP4\_HUMAN | Latent-transforming growth factor beta-binding protein 4 (LTBP-4) |
| PQLC1\_HUMAN | PQ-loop repeat-containing protein 1 |
| PIAS4\_HUMAN | E3 SUMO-protein ligase PIAS4 (EC 6.3.2.-) (PIASy) (Protein inhibitor of activated STAT protein 4) (Protein inhibitor of activated STAT protein gamma) (PIAS-gamma) |
| MUC20\_HUMAN | Mucin-20 (MUC-20) |
| LRC43\_HUMAN | Leucine-rich repeat-containing protein 43 |
| GPD1L\_HUMAN | Glycerol-3-phosphate dehydrogenase 1-like protein (GPD1-L) (EC 1.1.1.8) |
| S35F6\_HUMAN | Solute carrier family 35 member F6 (ANT2-binding protein) (ANT2BP) (Transport and Golgi organization 9 homolog) |
| RHG18\_HUMAN | Rho GTPase-activating protein 18 (MacGAP) (Rho-type GTPase-activating protein 18) |
| EH1L1\_HUMAN | EH domain-binding protein 1-like protein 1 |
| PLCD3\_HUMAN | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3 (EC 3.1.4.11) (Phosphoinositide phospholipase C-delta-3) (Phospholipase C-delta-3) (PLC-delta-3) |
| MILK1\_HUMAN | MICAL-like protein 1 (Molecule interacting with Rab13) (MIRab13) |
| CMYA5\_HUMAN | Cardiomyopathy-associated protein 5 (Dystrobrevin-binding protein 2) (Genethonin-3) (Myospryn) (SPRY domain-containing protein 2) (Tripartite motif-containing protein 76) |
| TXLNB\_HUMAN | Beta-taxilin (Muscle-derived protein 77) (hMDP77) |
| VPS8\_HUMAN | Vacuolar protein sorting-associated protein 8 homolog |
| SYNPO\_HUMAN | Synaptopodin |
| TXND3\_HUMAN | Thioredoxin domain-containing protein 3 (NM23-H8) (NME/NM23 family member 8) (Spermatid-specific thioredoxin-2) (Sptrx-2) |
| SVOPL\_HUMAN | Putative transporter SVOPL (SV2-related protein-like) (SVOP-like protein) |
| GUF1\_HUMAN | Translation factor GUF1, mitochondrial (EC 3.6.5.-) (Elongation factor 4 homolog) (EF-4) (GTPase GUF1) (Ribosomal back-translocase) |
| D2HDH\_HUMAN | D-2-hydroxyglutarate dehydrogenase, mitochondrial (EC 1.1.99.-) |
| PNKD\_HUMAN | Probable hydrolase PNKD (EC 3.-.-.-) (Myofibrillogenesis regulator 1) (MR-1) (Paroxysmal nonkinesiogenic dyskinesia protein) (Trans-activated by hepatitis C virus core protein 2) |
| MINK1\_HUMAN | Misshapen-like kinase 1 (EC 2.7.11.1) (GCK family kinase MiNK) (MAPK/ERK kinase kinase kinase 6) (MEK kinase kinase 6) (MEKKK 6) (Misshapen/NIK-related kinase) (Mitogen-activated protein kinase kinase kinase kinase 6) |
| TOM5\_HUMAN | Mitochondrial import receptor subunit TOM5 homolog |
| MESH1\_HUMAN | Guanosine-3',5'-bis(diphosphate) 3'-pyrophosphohydrolase MESH1 (EC 3.1.7.2) (HD domain-containing protein 3) (Metazoan SpoT homolog 1) (MESH1) (Penta-phosphate guanosine-3'-pyrophosphohydrolase) ((ppGpp)ase) |
| ZADH2\_HUMAN | Zinc-binding alcohol dehydrogenase domain-containing protein 2 (EC 1.-.-.-) |
| MIA40\_HUMAN | Mitochondrial intermembrane space import and assembly protein 40 (Coiled-coil-helix-coiled-coil-helix domain-containing protein 4) |
| CBR4\_HUMAN | Carbonyl reductase family member 4 (EC 1.-.-.-) (3-oxoacyl-[acyl-carrier-protein] reductase) (EC 1.1.1.-) (Quinone reductase CBR4) (Short chain dehydrogenase/reductase family 45C member 1) |
| MMGT1\_HUMAN | Membrane magnesium transporter 1 (ER membrane protein complex subunit 5) (Transmembrane protein 32) |
| OXR1\_HUMAN | Oxidation resistance protein 1 |
| WDTC1\_HUMAN | WD and tetratricopeptide repeats protein 1 |
| MACOI\_HUMAN | Macoilin (Transmembrane protein 57) |
| SH2D3\_HUMAN | SH2 domain-containing protein 3C (Novel SH2-containing protein 3) (SH2 domain-containing Eph receptor-binding protein 1) (SHEP1) |
| FA63A\_HUMAN | Protein FAM63A |
| CISD2\_HUMAN | CDGSH iron-sulfur domain-containing protein 2 (Endoplasmic reticulum intermembrane small protein) (MitoNEET-related 1 protein) (Miner1) (Nutrient-deprivation autophagy factor-1) (NAF-1) |
| ATPF2\_HUMAN | ATP synthase mitochondrial F1 complex assembly factor 2 (ATP12 homolog) |
| JAGN1\_HUMAN | Protein jagunal homolog 1 |
| RM50\_HUMAN | 39S ribosomal protein L50, mitochondrial (L50mt) (MRP-L50) |
| M4A15\_HUMAN | Membrane-spanning 4-domains subfamily A member 15 |
| IF4E3\_HUMAN | Eukaryotic translation initiation factor 4E type 3 (eIF-4E type 3) (eIF-4E3) (eIF4E type 3) (eIF4E-3) |
| COMD1\_HUMAN | COMM domain-containing protein 1 (Protein Murr1) |
| CPSF7\_HUMAN | Cleavage and polyadenylation specificity factor subunit 7 (Cleavage and polyadenylation specificity factor 59 kDa subunit) (CFIm59) (CPSF 59 kDa subunit) (Pre-mRNA cleavage factor Im 59 kDa subunit) |
| ARFG2\_HUMAN | ADP-ribosylation factor GTPase-activating protein 2 (ARF GAP 2) (GTPase-activating protein ZNF289) (Zinc finger protein 289) |
| OTU6B\_HUMAN | OTU domain-containing protein 6B (EC 3.4.19.12) (DUBA-5) |
| FITM2\_HUMAN | Fat storage-inducing transmembrane protein 2 (Fat-inducing protein 2) |
| CA052\_HUMAN | UPF0690 protein C1orf52 (BCL10-associated gene protein) |
| MET13\_HUMAN | Methyltransferase-like protein 13 (EC 2.1.1.-) |
| EMC1\_HUMAN | ER membrane protein complex subunit 1 |
| CCYL1\_HUMAN | Cyclin-Y-like protein 1 |
| FRMD1\_HUMAN | FERM domain-containing protein 1 |
| LSME1\_HUMAN | Leucine-rich single-pass membrane protein 1 |
| PTGR2\_HUMAN | Prostaglandin reductase 2 (PRG-2) (EC 1.3.1.48) (15-oxoprostaglandin 13-reductase) (Zinc-binding alcohol dehydrogenase domain-containing protein 1) |
| CB069\_HUMAN | UPF0565 protein C2orf69 |
| ENAH\_HUMAN | Protein enabled homolog |
| RM43\_HUMAN | 39S ribosomal protein L43, mitochondrial (L43mt) (MRP-L43) (Mitochondrial ribosomal protein bMRP36a) |
| JMY\_HUMAN | Junction-mediating and -regulatory protein |
| IGS22\_HUMAN | Immunoglobulin superfamily member 22 (IgSF22) |
| F133A\_HUMAN | Protein FAM133A |
| GDPD1\_HUMAN | Glycerophosphodiester phosphodiesterase domain-containing protein 1 (EC 3.1.-.-) (Glycerophosphodiester phosphodiesterase 4) |
| CS047\_HUMAN | Uncharacterized protein C19orf47 |
| CX042\_HUMAN | Putative uncharacterized protein CXorf42 (NF-kappa-B-activating protein pseudogene 1) |
| KRI1\_HUMAN | Protein KRI1 homolog |
| FSIP1\_HUMAN | Fibrous sheath-interacting protein 1 |
| SMYD1\_HUMAN | Histone-lysine N-methyltransferase SMYD1 (EC 2.1.1.43) (SET and MYND domain-containing protein 1) |
| AT11C\_HUMAN | Phospholipid-transporting ATPase IG (EC 3.6.3.1) (ATPase IQ) (ATPase class VI type 11C) (P4-ATPase flippase complex alpha subunit ATP11C) |
| KDM1B\_HUMAN | Lysine-specific histone demethylase 1B (EC 1.-.-.-) (Flavin-containing amine oxidase domain-containing protein 1) (Lysine-specific histone demethylase 2) |
| NHLC2\_HUMAN | NHL repeat-containing protein 2 |
| RDH13\_HUMAN | Retinol dehydrogenase 13 (EC 1.1.1.-) (Short chain dehydrogenase/reductase family 7C member 3) |
| TXND5\_HUMAN | Thioredoxin domain-containing protein 5 (Endoplasmic reticulum resident protein 46) (ER protein 46) (ERp46) (Thioredoxin-like protein p46) |
| ATAD1\_HUMAN | ATPase family AAA domain-containing protein 1 (EC 3.6.1.3) (Thorase) |
| PPAC3\_HUMAN | Probable lipid phosphate phosphatase PPAPDC3 (EC 3.1.3.-) (Phosphatidic acid phosphatase type 2 domain-containing protein 3) |
| SCPDL\_HUMAN | Saccharopine dehydrogenase-like oxidoreductase (EC 1.-.-.-) |
| F134A\_HUMAN | Protein FAM134A |
| PAIRB\_HUMAN | Plasminogen activator inhibitor 1 RNA-binding protein (PAI1 RNA-binding protein 1) (PAI-RBP1) (SERPINE1 mRNA-binding protein 1) |
| LEMD2\_HUMAN | LEM domain-containing protein 2 (hLEM2) |
| FA98A\_HUMAN | Protein FAM98A |
| MTMRE\_HUMAN | Myotubularin-related protein 14 (EC 3.1.3.-) (HCV NS5A-transactivated protein 4 splice variant A-binding protein 1) (NS5ATP4ABP1) (hJumpy) |
| RN169\_HUMAN | E3 ubiquitin-protein ligase RNF169 (EC 6.3.2.-) (RING finger protein 169) |
| PDPR\_HUMAN | Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial (PDPr) |
| B3GL2\_HUMAN | UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 2 (Beta-1,3-GalNAc-T2) (EC 2.4.1.-) (Beta-1,3-N-acetylgalactosaminyltransferase II) |
| K1407\_HUMAN | Coiled-coil domain-containing protein KIAA1407 |
| ADAD2\_HUMAN | Adenosine deaminase domain-containing protein 2 (Testis nuclear RNA-binding protein-like) |
| NNRE\_HUMAN | NAD(P)H-hydrate epimerase (EC 5.1.99.6) (Apolipoprotein A-I-binding protein) (AI-BP) (NAD(P)HX epimerase) (YjeF N-terminal domain-containing protein 1) (YjeF\_N1) |
| SMG8\_HUMAN | Protein SMG8 (Amplified in breast cancer gene 2 protein) (Protein smg-8 homolog) |
| LS14A\_HUMAN | Protein LSM14 homolog A (Protein FAM61A) (Protein SCD6 homolog) (Putative alpha-synuclein-binding protein) (AlphaSNBP) (RNA-associated protein 55A) (hRAP55) (hRAP55A) |
| CC020\_HUMAN | Uncharacterized protein C3orf20 |
| CCNY\_HUMAN | Cyclin-Y (Cyc-Y) (Cyclin box protein 1) (Cyclin fold protein 1) (cyclin-X) |
| PNMA1\_HUMAN | Paraneoplastic antigen Ma1 (37 kDa neuronal protein) (Neuron- and testis-specific protein 1) |
| HMCN2\_HUMAN | Hemicentin-2 |
| MISSL\_HUMAN | MAPK-interacting and spindle-stabilizing protein-like (Mitogen-activated protein kinase 1-interacting protein 1-like) |
| PEPL1\_HUMAN | Probable aminopeptidase NPEPL1 (EC 3.4.11.-) (Aminopeptidase-like 1) |
| EHBP1\_HUMAN | EH domain-binding protein 1 |
| ARHL1\_HUMAN | [Protein ADP-ribosylarginine] hydrolase-like protein 1 (EC 3.2.-.-) (ADP-ribosylhydrolase 2) |
| RGS22\_HUMAN | Regulator of G-protein signaling 22 (RGS22) |
| CPEB3\_HUMAN | Cytoplasmic polyadenylation element-binding protein 3 (CPE-BP3) (CPE-binding protein 3) (hCPEB-3) |
| CHDH\_HUMAN | Choline dehydrogenase, mitochondrial (CDH) (CHD) (EC 1.1.99.1) |
| ABCF1\_HUMAN | ATP-binding cassette sub-family F member 1 (ATP-binding cassette 50) (TNF-alpha-stimulated ABC protein) |
| POPD1\_HUMAN | Blood vessel epicardial substance (hBVES) (Popeye domain-containing protein 1) (Popeye protein 1) |
| MCU\_HUMAN | Calcium uniporter protein, mitochondrial (Coiled-coil domain-containing protein 109A) |
| DDHD1\_HUMAN | Phospholipase DDHD1 (EC 3.1.1.-) (DDHD domain-containing protein 1) (Phosphatidic acid-preferring phospholipase A1 homolog) (PA-PLA1) |
| PDZD8\_HUMAN | PDZ domain-containing protein 8 (Sarcoma antigen NY-SAR-84/NY-SAR-104) |
| MYO3A\_HUMAN | Myosin-IIIa (EC 2.7.11.1) |
| KMT2C\_HUMAN | Histone-lysine N-methyltransferase 2C (Lysine N-methyltransferase 2C) (EC 2.1.1.43) (Homologous to ALR protein) (Myeloid/lymphoid or mixed-lineage leukemia protein 3) |
| SYNE1\_HUMAN | Nesprin-1 (Enaptin) (Myocyte nuclear envelope protein 1) (Myne-1) (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) |
| F10A5\_HUMAN | Putative protein FAM10A5 (Suppression of tumorigenicity 13 pseudogene 5) |
| NUD10\_HUMAN | Diphosphoinositol polyphosphate phosphohydrolase 3-alpha (DIPP-3-alpha) (DIPP3-alpha) (hDIPP3alpha) (EC 3.6.1.52) (Diadenosine 5',5'''-P1,P6-hexaphosphate hydrolase 3-alpha) (Diadenosine hexaphosphate hydrolase (AMP-forming)) (EC 3.6.1.60) (Nucleoside diphosphate-linked moiety X motif 10) (Nudix motif 10) (hAps2) |
| NBEA\_HUMAN | Neurobeachin (Lysosomal-trafficking regulator 2) (Protein BCL8B) |
| TOIP2\_HUMAN | Torsin-1A-interacting protein 2 (Lumenal domain-like LAP1) |
| TSTD1\_HUMAN | Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 1 |
| ABHDB\_HUMAN | Alpha/beta hydrolase domain-containing protein 11 (Abhydrolase domain-containing protein 11) (EC 3.-.-.-) (Williams-Beuren syndrome chromosomal region 21 protein) |
| COMA1\_HUMAN | Collagen alpha-1(XXII) chain |
| NEUA\_HUMAN | N-acylneuraminate cytidylyltransferase (EC 2.7.7.43) (CMP-N-acetylneuraminic acid synthase) (CMP-NeuNAc synthase) |
| STXB6\_HUMAN | Syntaxin-binding protein 6 (Amisyn) |
| CASC5\_HUMAN | Protein CASC5 (ALL1-fused gene from chromosome 15q14 protein) (AF15q14) (Bub-linking kinetochore protein) (Blinkin) (Cancer susceptibility candidate gene 5 protein) (Cancer/testis antigen 29) (CT29) (Kinetochore-null protein 1) (Protein D40/AF15q14) |
| O2T35\_HUMAN | Olfactory receptor 2T35 (Olfactory receptor OR1-66) |
| ZNRF2\_HUMAN | E3 ubiquitin-protein ligase ZNRF2 (EC 6.3.2.-) (Protein Ells2) (RING finger protein 202) (Zinc/RING finger protein 2) |
| ATLA2\_HUMAN | Atlastin-2 (EC 3.6.5.-) (ADP-ribosylation factor-like protein 6-interacting protein 2) (ARL-6-interacting protein 2) (Aip-2) |
| LIRB1\_HUMAN | Leukocyte immunoglobulin-like receptor subfamily B member 1 (LIR-1) (Leukocyte immunoglobulin-like receptor 1) (CD85 antigen-like family member J) (Immunoglobulin-like transcript 2) (ILT-2) (Monocyte/macrophage immunoglobulin-like receptor 7) (MIR-7) (CD antigen CD85j) |
| PLBL2\_HUMAN | Putative phospholipase B-like 2 (EC 3.1.1.-) (76 kDa protein) (p76) (LAMA-like protein 2) (Lamina ancestor homolog 2) (Phospholipase B domain-containing protein 2) [Cleaved into: Putative phospholipase B-like 2 32 kDa form; Putative phospholipase B-like 2 45 kDa form] |
| CLHC1\_HUMAN | Clathrin heavy chain linker domain-containing protein 1 |
| NEDD1\_HUMAN | Protein NEDD1 (Neural precursor cell expressed developmentally down-regulated protein 1) (NEDD-1) |
| RLA0L\_HUMAN | 60S acidic ribosomal protein P0-like |
| MCFD2\_HUMAN | Multiple coagulation factor deficiency protein 2 (Neural stem cell-derived neuronal survival protein) |
| CG013\_HUMAN | Putative uncharacterized protein encoded by LINC01006 (Long intergenic non-protein coding RNA 1006) |
| PPTC7\_HUMAN | Protein phosphatase PTC7 homolog (EC 3.1.3.16) (T-cell activation protein phosphatase 2C) (TA-PP2C) (T-cell activation protein phosphatase 2C-like) |
| ADCK3\_HUMAN | Atypical kinase ADCK3, mitochondrial (EC 2.7.-.-) (Chaperone activity of bc1 complex-like) (Chaperone-ABC1-like) (aarF domain-containing protein kinase 3) |
| PSA7L\_HUMAN | Proteasome subunit alpha type-7-like (EC 3.4.25.1) |
| JOS2\_HUMAN | Josephin-2 (EC 3.4.19.12) (Josephin domain-containing protein 2) |
| PP14C\_HUMAN | Protein phosphatase 1 regulatory subunit 14C (Kinase-enhanced PP1 inhibitor) (PKC-potentiated PP1 inhibitory protein) (Serologically defined breast cancer antigen NY-BR-81) |
| G45IP\_HUMAN | Growth arrest and DNA damage-inducible proteins-interacting protein 1 (39S ribosomal protein L59, mitochondrial) (MRP-L59) (CKII beta-associating protein) (CR6-interacting factor 1) (CRIF1) (Papillomavirus L2-interacting nuclear protein 1) (PLINP) (PLINP-1) (p53-responsive gene 6 protein) |
| ERMIN\_HUMAN | Ermin (Juxtanodin) (JN) |
| SMRC2\_HUMAN | SWI/SNF complex subunit SMARCC2 (BRG1-associated factor 170) (BAF170) (SWI/SNF complex 170 kDa subunit) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 2) |
| NPL4\_HUMAN | Nuclear protein localization protein 4 homolog (Protein NPL4) |
| CX038\_HUMAN | Uncharacterized protein CXorf38 |
| SPT20\_HUMAN | Spermatogenesis-associated protein 20 (Sperm-specific protein 411) (Ssp411) |
| RIN3\_HUMAN | Ras and Rab interactor 3 (Ras interaction/interference protein 3) |
| NUBPL\_HUMAN | Iron-sulfur protein NUBPL (IND1 homolog) (Nucleotide-binding protein-like) (huInd1) |
| DPTOR\_HUMAN | DEP domain-containing mTOR-interacting protein (DEP domain-containing protein 6) |
| FBX30\_HUMAN | F-box only protein 30 |
| HMGC2\_HUMAN | 3-hydroxymethyl-3-methylglutaryl-CoA lyase, cytoplasmic (EC 4.1.3.4) (3-hydroxymethyl-3-methylglutaryl-CoA lyase-like protein 1) (Endoplasmic reticulum 3-hydroxymethyl-3-methylglutaryl-CoA lyase) (er-cHL) |
| S7A14\_HUMAN | Probable cationic amino acid transporter (Solute carrier family 7 member 14) |
| UBA3\_HUMAN | NEDD8-activating enzyme E1 catalytic subunit (EC 6.3.2.-) (NEDD8-activating enzyme E1C) (Ubiquitin-activating enzyme E1C) (Ubiquitin-like modifier-activating enzyme 3) (Ubiquitin-activating enzyme 3) |
| SYNPR\_HUMAN | Synaptoporin |
| KISHA\_HUMAN | Protein kish-A (Transmembrane protein 167) (Transmembrane protein 167A) |
| PI42C\_HUMAN | Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma (EC 2.7.1.149) (Phosphatidylinositol 5-phosphate 4-kinase type II gamma) (PI(5)P 4-kinase type II gamma) (PIP4KII-gamma) |
| TBC15\_HUMAN | TBC1 domain family member 15 (GTPase-activating protein RAB7) (GAP for RAB7) (Rab7-GAP) |
| LRC20\_HUMAN | Leucine-rich repeat-containing protein 20 |
| RM30\_HUMAN | 39S ribosomal protein L30, mitochondrial (L30mt) (MRP-L30) (39S ribosomal protein L28, mitochondrial) (L28mt) (MRP-L28) |
| CR032\_HUMAN | UPF0729 protein C18orf32 (Putative NF-kappa-B-activating protein 200) |
| NT5C\_HUMAN | 5'(3')-deoxyribonucleotidase, cytosolic type (EC 3.1.3.-) (Cytosolic 5',3'-pyrimidine nucleotidase) (Deoxy-5'-nucleotidase 1) (dNT-1) |
| P4K2B\_HUMAN | Phosphatidylinositol 4-kinase type 2-beta (EC 2.7.1.67) (Phosphatidylinositol 4-kinase type II-beta) (PI4KII-BETA) |
| STT3B\_HUMAN | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B (Oligosaccharyl transferase subunit STT3B) (STT3-B) (EC 2.4.99.18) (Source of immunodominant MHC-associated peptides homolog) |
| PNPT1\_HUMAN | Polyribonucleotide nucleotidyltransferase 1, mitochondrial (EC 2.7.7.8) (3'-5' RNA exonuclease OLD35) (PNPase old-35) (Polynucleotide phosphorylase 1) (PNPase 1) (Polynucleotide phosphorylase-like protein) |
| SPP2A\_HUMAN | Signal peptide peptidase-like 2A (SPP-like 2A) (SPPL2a) (EC 3.4.23.-) (Intramembrane protease 3) (IMP-3) (Presenilin-like protein 2) |
| ALMS1\_HUMAN | Alstrom syndrome protein 1 |
| DC2L1\_HUMAN | Cytoplasmic dynein 2 light intermediate chain 1 (Dynein 2 light intermediate chain) |
| C99L2\_HUMAN | CD99 antigen-like protein 2 (MIC2-like protein 1) (CD antigen CD99) |
| AGR3\_HUMAN | Anterior gradient protein 3 (AG-3) (AG3) (hAG-3) (Anterior gradient 3 homolog) (Breast cancer membrane protein 11) (Protein disulfide isomerase family A, member 18) |
| BICD2\_HUMAN | Protein bicaudal D homolog 2 (Bic-D 2) |
| NEK9\_HUMAN | Serine/threonine-protein kinase Nek9 (EC 2.7.11.1) (Nercc1 kinase) (Never in mitosis A-related kinase 9) (NimA-related protein kinase 9) (NimA-related kinase 8) (Nek8) |
| ALAT2\_HUMAN | Alanine aminotransferase 2 (ALT2) (EC 2.6.1.2) (Glutamate pyruvate transaminase 2) (GPT 2) (Glutamic--alanine transaminase 2) (Glutamic--pyruvic transaminase 2) |
| DTX3L\_HUMAN | E3 ubiquitin-protein ligase DTX3L (EC 6.3.2.-) (B-lymphoma- and BAL-associated protein) (Protein deltex-3-like) (Rhysin-2) (Rhysin2) |
| MYOZ3\_HUMAN | Myozenin-3 (Calsarcin-3) (FATZ-related protein 3) |
| GNPI2\_HUMAN | Glucosamine-6-phosphate isomerase 2 (EC 3.5.99.6) (Glucosamine-6-phosphate deaminase 2) (GNPDA 2) (GlcN6P deaminase 2) (Glucosamine-6-phosphate isomerase SB52) |
| CGAT1\_HUMAN | Chondroitin sulfate N-acetylgalactosaminyltransferase 1 (CsGalNAcT-1) (EC 2.4.1.174) (Chondroitin beta-1,4-N-acetylgalactosaminyltransferase 1) (Beta4GalNAcT-1) |
| NEK7\_HUMAN | Serine/threonine-protein kinase Nek7 (EC 2.7.11.1) (Never in mitosis A-related kinase 7) (NimA-related protein kinase 7) |
| RBCC1\_HUMAN | RB1-inducible coiled-coil protein 1 (FAK family kinase-interacting protein of 200 kDa) (FIP200) |
| ATS18\_HUMAN | A disintegrin and metalloproteinase with thrombospondin motifs 18 (ADAM-TS 18) (ADAM-TS18) (ADAMTS-18) (EC 3.4.24.-) |
| DYH5\_HUMAN | Dynein heavy chain 5, axonemal (Axonemal beta dynein heavy chain 5) (Ciliary dynein heavy chain 5) |
| SSH3\_HUMAN | Protein phosphatase Slingshot homolog 3 (EC 3.1.3.16) (EC 3.1.3.48) (SSH-like protein 3) (SSH-3L) (hSSH-3L) |
| DTD1\_HUMAN | D-tyrosyl-tRNA(Tyr) deacylase 1 (EC 3.1.-.-) (DNA-unwinding element-binding protein B) (DUE-B) (Histidyl-tRNA synthase-related) |
| DCA11\_HUMAN | DDB1- and CUL4-associated factor 11 (WD repeat-containing protein 23) |
| SH3R2\_HUMAN | Putative E3 ubiquitin-protein ligase SH3RF2 (EC 6.3.2.-) (Heart protein phosphatase 1-binding protein) (HEPP1) (Protein phosphatase 1 regulatory subunit 39) (RING finger protein 158) (SH3 domain-containing RING finger protein 2) |
| DOT1L\_HUMAN | Histone-lysine N-methyltransferase, H3 lysine-79 specific (EC 2.1.1.43) (DOT1-like protein) (Histone H3-K79 methyltransferase) (H3-K79-HMTase) (Lysine N-methyltransferase 4) |
| GEMI5\_HUMAN | Gem-associated protein 5 (Gemin5) |
| GANC\_HUMAN | Neutral alpha-glucosidase C (EC 3.2.1.20) |
| SMCR8\_HUMAN | Smith-Magenis syndrome chromosomal region candidate gene 8 protein |
| PNISR\_HUMAN | Arginine/serine-rich protein PNISR (PNN-interacting serine/arginine-rich protein) (SR-related protein) (SR-rich protein) (Serine/arginine-rich-splicing regulatory protein 130) (SRrp130) (Splicing factor, arginine/serine-rich 130) (Splicing factor, arginine/serine-rich 18) |
| PP4R1\_HUMAN | Serine/threonine-protein phosphatase 4 regulatory subunit 1 |
| DI3L1\_HUMAN | DIS3-like exonuclease 1 (EC 3.1.13.-) |
| LRC15\_HUMAN | Leucine-rich repeat-containing protein 15 (Leucine-rich repeat protein induced by beta-amyloid homolog) (hLib) |
| ABHD5\_HUMAN | 1-acylglycerol-3-phosphate O-acyltransferase ABHD5 (EC 2.3.1.51) (Abhydrolase domain-containing protein 5) (Lipid droplet-binding protein CGI-58) |
| SETD7\_HUMAN | Histone-lysine N-methyltransferase SETD7 (EC 2.1.1.43) (Histone H3-K4 methyltransferase SETD7) (H3-K4-HMTase SETD7) (Lysine N-methyltransferase 7) (SET domain-containing protein 7) (SET7/9) |
| NOC3L\_HUMAN | Nucleolar complex protein 3 homolog (NOC3 protein homolog) (Factor for adipocyte differentiation 24) (NOC3-like protein) (Nucleolar complex-associated protein 3-like protein) |
| SCFD2\_HUMAN | Sec1 family domain-containing protein 2 (Syntaxin-binding protein 1-like 1) |
| ZC3HF\_HUMAN | Zinc finger CCCH domain-containing protein 15 (DRG family-regulatory protein 1) (Likely ortholog of mouse immediate early response erythropoietin 4) |
| TM263\_HUMAN | Transmembrane protein 263 |
| HDAC7\_HUMAN | Histone deacetylase 7 (HD7) (EC 3.5.1.98) (Histone deacetylase 7A) (HD7a) |
| PTPM1\_HUMAN | Phosphatidylglycerophosphatase and protein-tyrosine phosphatase 1 (EC 3.1.3.27) (PTEN-like phosphatase) (Phosphoinositide lipid phosphatase) (Protein-tyrosine phosphatase mitochondrial 1) (EC 3.1.3.16) (EC 3.1.3.48) |
| NU133\_HUMAN | Nuclear pore complex protein Nup133 (133 kDa nucleoporin) (Nucleoporin Nup133) |
| PDC6I\_HUMAN | Programmed cell death 6-interacting protein (PDCD6-interacting protein) (ALG-2-interacting protein 1) (ALG-2-interacting protein X) (Hp95) |
| CHAC2\_HUMAN | Putative glutathione-specific gamma-glutamylcyclotransferase 2 (Gamma-GCG 2) (EC 2.3.2.-) (Cation transport regulator-like protein 2) |
| CHMP7\_HUMAN | Charged multivesicular body protein 7 (Chromatin-modifying protein 7) |
| THEM6\_HUMAN | Protein THEM6 (Mesenchymal stem cell protein DSCD75) (Thioesterase superfamily member 6) |
| PRUN2\_HUMAN | Protein prune homolog 2 (BNIP2 motif-containing molecule at the C-terminal region 1) |
| LACE1\_HUMAN | Lactation elevated protein 1 (Protein AFG1 homolog) |
| LEO1\_HUMAN | RNA polymerase-associated protein LEO1 (Replicative senescence down-regulated leo1-like protein) |
| N6MT2\_HUMAN | Protein-lysine N-methyltransferase N6AMT2 (EC 2.1.1.-) (N(6)-adenine-specific DNA methyltransferase 2) |
| NUDC2\_HUMAN | NudC domain-containing protein 2 |
| STAG1\_HUMAN | Cohesin subunit SA-1 (SCC3 homolog 1) (Stromal antigen 1) |
| SCFD1\_HUMAN | Sec1 family domain-containing protein 1 (SLY1 homolog) (Sly1p) (Syntaxin-binding protein 1-like 2) |
| HNRLL\_HUMAN | Heterogeneous nuclear ribonucleoprotein L-like (hnRNPLL) (Stromal RNA-regulating factor) |
| CD003\_HUMAN | Uncharacterized protein C4orf3 (Hepatitis C virus F protein-transactivated protein 1) (HCV F-transactivated protein 1) |
| PCNP\_HUMAN | PEST proteolytic signal-containing nuclear protein (PCNP) (PEST-containing nuclear protein) |
| DNJA4\_HUMAN | DnaJ homolog subfamily A member 4 |
| SPRY4\_HUMAN | SPRY domain-containing protein 4 |
| CB047\_HUMAN | Uncharacterized protein C2orf47, mitochondrial |
| DNJB3\_HUMAN | DnaJ homolog subfamily B member 3 |
| LMO7\_HUMAN | LIM domain only protein 7 (LMO-7) (F-box only protein 20) (LOMP) |
| ATX2L\_HUMAN | Ataxin-2-like protein (Ataxin-2 domain protein) (Ataxin-2-related protein) |
| CYGB\_HUMAN | Cytoglobin (Histoglobin) (HGb) (Stellate cell activation-associated protein) |
| ARAP3\_HUMAN | Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3 (Centaurin-delta-3) (Cnt-d3) |
| PHIP\_HUMAN | PH-interacting protein (PHIP) (IRS-1 PH domain-binding protein) (WD repeat-containing protein 11) |
| RT4I1\_HUMAN | Reticulon-4-interacting protein 1, mitochondrial (NOGO-interacting mitochondrial protein) |
| ABCA5\_HUMAN | ATP-binding cassette sub-family A member 5 |
| PALLD\_HUMAN | Palladin (SIH002) (Sarcoma antigen NY-SAR-77) |
| PSPC1\_HUMAN | Paraspeckle component 1 (Paraspeckle protein 1) |
| ATLA1\_HUMAN | Atlastin-1 (EC 3.6.5.-) (Brain-specific GTP-binding protein) (GTP-binding protein 3) (GBP-3) (hGBP3) (Guanine nucleotide-binding protein 3) (Spastic paraplegia 3 protein A) |
| GPR98\_HUMAN | G-protein coupled receptor 98 (Monogenic audiogenic seizure susceptibility protein 1 homolog) (Usher syndrome type-2C protein) (Very large G-protein coupled receptor 1) |
| SYNE2\_HUMAN | Nesprin-2 (Nuclear envelope spectrin repeat protein 2) (Nucleus and actin connecting element protein) (Protein NUANCE) (Synaptic nuclear envelope protein 2) (Syne-2) |
| ASB10\_HUMAN | Ankyrin repeat and SOCS box protein 10 (ASB-10) |
| ACO11\_HUMAN | Acyl-coenzyme A thioesterase 11 (Acyl-CoA thioesterase 11) (EC 3.1.2.-) (Acyl-CoA thioester hydrolase 11) (Adipose-associated thioesterase) (Brown fat-inducible thioesterase) (BFIT) |
| MUC16\_HUMAN | Mucin-16 (MUC-16) (Ovarian cancer-related tumor marker CA125) (CA-125) (Ovarian carcinoma antigen CA125) |
| PPM1E\_HUMAN | Protein phosphatase 1E (EC 3.1.3.16) (Ca(2+)/calmodulin-dependent protein kinase phosphatase N) (CaMKP-N) (CaMKP-nucleus) (CaMKN) (Partner of PIX 1) (Partner of PIX-alpha) (Partner of PIXA) |
| THAP4\_HUMAN | THAP domain-containing protein 4 |
| CHC10\_HUMAN | Coiled-coil-helix-coiled-coil-helix domain-containing protein 10, mitochondrial (Protein N27C7-4) |
| RSPH1\_HUMAN | Radial spoke head 1 homolog (Cancer/testis antigen 79) (CT79) (Male meiotic metaphase chromosome-associated acidic protein) (Meichroacidin) (Testis-specific gene A2 protein) |
| TITIN\_HUMAN | Titin (EC 2.7.11.1) (Connectin) (Rhabdomyosarcoma antigen MU-RMS-40.14) |
| RFFL\_HUMAN | E3 ubiquitin-protein ligase rififylin (EC 6.3.2.-) (Caspase regulator CARP2) (Caspases-8 and -10-associated RING finger protein 2) (CARP-2) (FYVE-RING finger protein Sakura) (Fring) (RING finger and FYVE-like domain-containing protein 1) (RING finger protein 189) (RING finger protein 34-like) |
| LZIC\_HUMAN | Protein LZIC (Leucine zipper and CTNNBIP1 domain-containing protein) (Leucine zipper and ICAT homologous domain-containing protein) |
| IRGQ\_HUMAN | Immunity-related GTPase family Q protein |
| DDX1\_HUMAN | ATP-dependent RNA helicase DDX1 (EC 3.6.4.13) (DEAD box protein 1) (DEAD box protein retinoblastoma) (DBP-RB) |
| DHB8\_HUMAN | Estradiol 17-beta-dehydrogenase 8 (EC 1.1.1.62) (17-beta-hydroxysteroid dehydrogenase 8) (17-beta-HSD 8) (3-oxoacyl-[acyl-carrier-protein] reductase) (EC 1.1.1.-) (Protein Ke6) (Ke-6) (Really interesting new gene 2 protein) (Short chain dehydrogenase/reductase family 30C member 1) (Testosterone 17-beta-dehydrogenase 8) (EC 1.1.1.239) |
| PIEZ1\_HUMAN | Piezo-type mechanosensitive ion channel component 1 (Membrane protein induced by beta-amyloid treatment) (Mib) (Protein FAM38A) |
| H1X\_HUMAN | Histone H1x |
| CPT1B\_HUMAN | Carnitine O-palmitoyltransferase 1, muscle isoform (CPT1-M) (EC 2.3.1.21) (Carnitine O-palmitoyltransferase I, muscle isoform) (CPT I) (CPTI-M) (Carnitine palmitoyltransferase 1B) (Carnitine palmitoyltransferase I-like protein) |
| TCPW\_HUMAN | T-complex protein 1 subunit zeta-2 (TCP-1-zeta-2) (CCT-zeta-2) (CCT-zeta-like) (TCP-1-zeta-like) (Testis-specific Tcp20) (Testis-specific protein TSA303) |
| PSMF1\_HUMAN | Proteasome inhibitor PI31 subunit (hPI31) |
| GBF1\_HUMAN | Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1 (BFA-resistant GEF 1) |
| TM9S4\_HUMAN | Transmembrane 9 superfamily member 4 |
| TM131\_HUMAN | Transmembrane protein 131 (Protein RW1) |
| RT27\_HUMAN | 28S ribosomal protein S27, mitochondrial (MRP-S27) (S27mt) |
| AP3S1\_HUMAN | AP-3 complex subunit sigma-1 (AP-3 complex subunit sigma-3A) (Adaptor-related protein complex 3 subunit sigma-1) (Clathrin-associated/assembly/adaptor protein, small 3) (Sigma-3A-adaptin) (Sigma3A-adaptin) (Sigma-adaptin 3a) |
| TSC1\_HUMAN | Hamartin (Tuberous sclerosis 1 protein) |
| UBXN4\_HUMAN | UBX domain-containing protein 4 (Erasin) (UBX domain-containing protein 2) |
| PHF3\_HUMAN | PHD finger protein 3 |
| NDRG1\_HUMAN | Protein NDRG1 (Differentiation-related gene 1 protein) (DRG-1) (N-myc downstream-regulated gene 1 protein) (Nickel-specific induction protein Cap43) (Reducing agents and tunicamycin-responsive protein) (RTP) (Rit42) |
| HS105\_HUMAN | Heat shock protein 105 kDa (Antigen NY-CO-25) (Heat shock 110 kDa protein) |
| TBCD5\_HUMAN | TBC1 domain family member 5 |
| MY18A\_HUMAN | Unconventional myosin-XVIIIa (Molecule associated with JAK3 N-terminus) (MAJN) (Myosin containing a PDZ domain) |
| LAR4B\_HUMAN | La-related protein 4B (La ribonucleoprotein domain family member 4B) (La ribonucleoprotein domain family member 5) (La-related protein 5) |
| GCN1L\_HUMAN | Translational activator GCN1 (HsGCN1) (GCN1-like protein 1) |
| NU205\_HUMAN | Nuclear pore complex protein Nup205 (205 kDa nucleoporin) (Nucleoporin Nup205) |
| TTC9A\_HUMAN | Tetratricopeptide repeat protein 9A (TPR repeat protein 9A) |
| ANS1A\_HUMAN | Ankyrin repeat and SAM domain-containing protein 1A (Odin) |
| SGCD\_HUMAN | Delta-sarcoglycan (Delta-SG) (35 kDa dystrophin-associated glycoprotein) (35DAG) |
| GPI8\_HUMAN | GPI-anchor transamidase (GPI transamidase) (EC 3.-.-.-) (GPI8 homolog) (hGPI8) (Phosphatidylinositol-glycan biosynthesis class K protein) (PIG-K) |
| RT31\_HUMAN | 28S ribosomal protein S31, mitochondrial (MRP-S31) (S31mt) (Imogen 38) |
| AKAP1\_HUMAN | A-kinase anchor protein 1, mitochondrial (A-kinase anchor protein 149 kDa) (AKAP 149) (Dual specificity A-kinase-anchoring protein 1) (D-AKAP-1) (Protein kinase A-anchoring protein 1) (PRKA1) (Spermatid A-kinase anchor protein 84) (S-AKAP84) |
| AN32B\_HUMAN | Acidic leucine-rich nuclear phosphoprotein 32 family member B (Acidic protein rich in leucines) (Putative HLA-DR-associated protein I-2) (PHAPI2) (Silver-stainable protein SSP29) |
| PGTA\_HUMAN | Geranylgeranyl transferase type-2 subunit alpha (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit alpha) (Rab geranyl-geranyltransferase subunit alpha) (Rab GG transferase alpha) (Rab GGTase alpha) (Rab geranylgeranyltransferase subunit alpha) |
| PRCC\_HUMAN | Proline-rich protein PRCC (Papillary renal cell carcinoma translocation-associated gene protein) |
| TFG\_HUMAN | Protein TFG (TRK-fused gene protein) |
| RYR2\_HUMAN | Ryanodine receptor 2 (RYR-2) (RyR2) (hRYR-2) (Cardiac muscle ryanodine receptor) (Cardiac muscle ryanodine receptor-calcium release channel) (Type 2 ryanodine receptor) |
| HTRA1\_HUMAN | Serine protease HTRA1 (EC 3.4.21.-) (High-temperature requirement A serine peptidase 1) (L56) (Serine protease 11) |
| ARC1A\_HUMAN | Actin-related protein 2/3 complex subunit 1A (SOP2-like protein) |
| TAF4B\_HUMAN | Transcription initiation factor TFIID subunit 4B (Transcription initiation factor TFIID 105 kDa subunit) (TAF(II)105) (TAFII-105) (TAFII105) |
| HDAC2\_HUMAN | Histone deacetylase 2 (HD2) (EC 3.5.1.98) |
| STAM1\_HUMAN | Signal transducing adapter molecule 1 (STAM-1) |
| PROX1\_HUMAN | Prospero homeobox protein 1 (Homeobox prospero-like protein PROX1) (PROX-1) |
| RBP56\_HUMAN | TATA-binding protein-associated factor 2N (68 kDa TATA-binding protein-associated factor) (TAF(II)68) (TAFII68) (RNA-binding protein 56) |
| EVPL\_HUMAN | Envoplakin (210 kDa cornified envelope precursor protein) (210 kDa paraneoplastic pemphigus antigen) (p210) |
| SHIP1\_HUMAN | Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1 (EC 3.1.3.86) (Inositol polyphosphate-5-phosphatase of 145 kDa) (SIP-145) (SH2 domain-containing inositol 5'-phosphatase 1) (SH2 domain-containing inositol phosphatase 1) (SHIP-1) (p150Ship) (hp51CN) |
| DDX17\_HUMAN | Probable ATP-dependent RNA helicase DDX17 (EC 3.6.4.13) (DEAD box protein 17) (DEAD box protein p72) (RNA-dependent helicase p72) |
| RAD50\_HUMAN | DNA repair protein RAD50 (hRAD50) (EC 3.6.-.-) |
| CELF1\_HUMAN | CUGBP Elav-like family member 1 (CELF-1) (50 kDa nuclear polyadenylated RNA-binding protein) (Bruno-like protein 2) (CUG triplet repeat RNA-binding protein 1) (CUG-BP1) (CUG-BP- and ETR-3-like factor 1) (Deadenylation factor CUG-BP) (Embryo deadenylation element-binding protein homolog) (EDEN-BP homolog) (RNA-binding protein BRUNOL-2) |
| OSTF1\_HUMAN | Osteoclast-stimulating factor 1 |
| UFD1\_HUMAN | Ubiquitin fusion degradation protein 1 homolog (UB fusion protein 1) |
| GSLG1\_HUMAN | Golgi apparatus protein 1 (CFR-1) (Cysteine-rich fibroblast growth factor receptor) (E-selectin ligand 1) (ESL-1) (Golgi sialoglycoprotein MG-160) |
| RENT1\_HUMAN | Regulator of nonsense transcripts 1 (EC 3.6.4.-) (ATP-dependent helicase RENT1) (Nonsense mRNA reducing factor 1) (NORF1) (Up-frameshift suppressor 1 homolog) (hUpf1) |
| RL3L\_HUMAN | 60S ribosomal protein L3-like |
| CSN5\_HUMAN | COP9 signalosome complex subunit 5 (SGN5) (Signalosome subunit 5) (EC 3.4.-.-) (Jun activation domain-binding protein 1) |
| FGF13\_HUMAN | Fibroblast growth factor 13 (FGF-13) (Fibroblast growth factor homologous factor 2) (FHF-2) |
| SMRC1\_HUMAN | SWI/SNF complex subunit SMARCC1 (BRG1-associated factor 155) (BAF155) (SWI/SNF complex 155 kDa subunit) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1) |
| RAB8B\_HUMAN | Ras-related protein Rab-8B |
| FUBP2\_HUMAN | Far upstream element-binding protein 2 (FUSE-binding protein 2) (KH type-splicing regulatory protein) (KSRP) (p75) |
| GCDH\_HUMAN | Glutaryl-CoA dehydrogenase, mitochondrial (GCD) (EC 1.3.8.6) |
| TNPO1\_HUMAN | Transportin-1 (Importin beta-2) (Karyopherin beta-2) (M9 region interaction protein) (MIP) |
| UBP13\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 13 (EC 3.4.19.12) (Deubiquitinating enzyme 13) (Isopeptidase T-3) (ISOT-3) (Ubiquitin thioesterase 13) (Ubiquitin-specific-processing protease 13) |
| USP9X\_HUMAN | Probable ubiquitin carboxyl-terminal hydrolase FAF-X (EC 3.4.19.12) (Deubiquitinating enzyme FAF-X) (Fat facets in mammals) (hFAM) (Fat facets protein-related, X-linked) (Ubiquitin thioesterase FAF-X) (Ubiquitin-specific protease 9, X chromosome) (Ubiquitin-specific-processing protease FAF-X) |
| UBP7\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 7 (EC 3.4.19.12) (Deubiquitinating enzyme 7) (Herpesvirus-associated ubiquitin-specific protease) (Ubiquitin thioesterase 7) (Ubiquitin-specific-processing protease 7) |
| CUL5\_HUMAN | Cullin-5 (CUL-5) (Vasopressin-activated calcium-mobilizing receptor 1) (VACM-1) |
| STMN2\_HUMAN | Stathmin-2 (Superior cervical ganglion-10 protein) (Protein SCG10) |
| VPP1\_HUMAN | V-type proton ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar adenosine triphosphatase subunit Ac116) (Vacuolar proton pump subunit 1) (Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1) |
| LPP\_HUMAN | Lipoma-preferred partner (LIM domain-containing preferred translocation partner in lipoma) |
| H2A1C\_HUMAN | Histone H2A type 1-C (Histone H2A/l) |
| H2B1H\_HUMAN | Histone H2B type 1-H (Histone H2B.j) (H2B/j) |
| AT2A3\_HUMAN | Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (SERCA3) (SR Ca(2+)-ATPase 3) (EC 3.6.3.8) (Calcium pump 3) |
| TP4A1\_HUMAN | Protein tyrosine phosphatase type IVA 1 (EC 3.1.3.48) (PTP(CAAXI)) (Protein-tyrosine phosphatase 4a1) (Protein-tyrosine phosphatase of regenerating liver 1) (PRL-1) |
| KPBB\_HUMAN | Phosphorylase b kinase regulatory subunit beta (Phosphorylase kinase subunit beta) |
| SCAM4\_HUMAN | Secretory carrier-associated membrane protein 4 (Secretory carrier membrane protein 4) |
| PRDBP\_HUMAN | Protein kinase C delta-binding protein (Cavin-3) (Serum deprivation response factor-related gene product that binds to C-kinase) (hSRBC) |
| RIFK\_HUMAN | Riboflavin kinase (EC 2.7.1.26) (ATP:riboflavin 5'-phosphotransferase) (Flavokinase) |
| MYDGF\_HUMAN | Myeloid-derived growth factor (MYDGF) (Interleukin-25) (IL-25) (Stromal cell-derived growth factor SF20) |
| TM40L\_HUMAN | Mitochondrial import receptor subunit TOM40B (Protein TOMM40-like) |
| CXA10\_HUMAN | Gap junction alpha-10 protein (Connexin-62) (Cx62) |
| UBE2F\_HUMAN | NEDD8-conjugating enzyme UBE2F (EC 6.3.2.-) (NEDD8 carrier protein UBE2F) (NEDD8 protein ligase UBE2F) (NEDD8-conjugating enzyme 2) (Ubiquitin-conjugating enzyme E2 F) |
| PIGT\_HUMAN | GPI transamidase component PIG-T (Phosphatidylinositol-glycan biosynthesis class T protein) |
| RL36L\_HUMAN | 60S ribosomal protein L36a-like |
| TRI63\_HUMAN | E3 ubiquitin-protein ligase TRIM63 (EC 6.3.2.-) (Iris RING finger protein) (Muscle-specific RING finger protein 1) (MuRF-1) (MuRF1) (RING finger protein 28) (Striated muscle RING zinc finger protein) (Tripartite motif-containing protein 63) |
| RAB24\_HUMAN | Ras-related protein Rab-24 |
| WBP2\_HUMAN | WW domain-binding protein 2 (WBP-2) |
| NCLN\_HUMAN | Nicalin (Nicastrin-like protein) |
| ERGI1\_HUMAN | Endoplasmic reticulum-Golgi intermediate compartment protein 1 (ER-Golgi intermediate compartment 32 kDa protein) (ERGIC-32) |
| CIR1A\_HUMAN | Cirhin |
| NXPE3\_HUMAN | NXPE family member 3 (Protein FAM55C) |
| TBRG4\_HUMAN | Protein TBRG4 (Cell cycle progression restoration protein 2) (Cell cycle progression protein 2) (FAST kinase domain-containing protein 4) (Transforming growth factor beta regulator 4) |
| MARC2\_HUMAN | Mitochondrial amidoxime reducing component 2 (mARC2) (EC 1.-.-.-) (Molybdenum cofactor sulfurase C-terminal domain-containing protein 2) (MOSC domain-containing protein 2) (Moco sulfurase C-terminal domain-containing protein 2) |
| PP14A\_HUMAN | Protein phosphatase 1 regulatory subunit 14A (17 kDa PKC-potentiated inhibitory protein of PP1) (Protein kinase C-potentiated inhibitor protein of 17 kDa) (CPI-17) |
| H2B1A\_HUMAN | Histone H2B type 1-A (Histone H2B, testis) (TSH2B.1) (Testis-specific histone H2B) |
| F162A\_HUMAN | Protein FAM162A (E2-induced gene 5 protein) (Growth and transformation-dependent protein) (HGTD-P) |
| MLRS\_HUMAN | Myosin regulatory light chain 2, skeletal muscle isoform (Fast skeletal myosin light chain 2) (MLC2B) |
| CCD47\_HUMAN | Coiled-coil domain-containing protein 47 |
| RM24\_HUMAN | 39S ribosomal protein L24, mitochondrial (L24mt) (MRP-L24) |
| SYAP1\_HUMAN | Synapse-associated protein 1 |
| TM230\_HUMAN | Transmembrane protein 230 |
| EXOC4\_HUMAN | Exocyst complex component 4 (Exocyst complex component Sec8) |
| AZIN2\_HUMAN | Antizyme inhibitor 2 (AzI2) (Arginine decarboxylase) (ADC) (ARGDC) (Ornithine decarboxylase-like protein) (ODC-like protein) (ornithine decarboxylase paralog) (ODC-p) |
| MGN2\_HUMAN | Protein mago nashi homolog 2 |
| COQA1\_HUMAN | Collagen alpha-1(XXVI) chain (Alpha-1 type XXVI collagen) (EMI domain-containing protein 2) (Emilin and multimerin domain-containing protein 2) (Emu2) |
| ISOC2\_HUMAN | Isochorismatase domain-containing protein 2, mitochondrial |
| FERM2\_HUMAN | Fermitin family homolog 2 (Kindlin-2) (Mitogen-inducible gene 2 protein) (MIG-2) (Pleckstrin homology domain-containing family C member 1) (PH domain-containing family C member 1) |
| FUBP1\_HUMAN | Far upstream element-binding protein 1 (FBP) (FUSE-binding protein 1) (DNA helicase V) (hDH V) |
| S2546\_HUMAN | Solute carrier family 25 member 46 |
| LRC59\_HUMAN | Leucine-rich repeat-containing protein 59 (Ribosome-binding protein p34) (p34) |
| VTI1A\_HUMAN | Vesicle transport through interaction with t-SNAREs homolog 1A (Vesicle transport v-SNARE protein Vti1-like 2) (Vti1-rp2) |
| TM143\_HUMAN | Transmembrane protein 143 |
| ESAM\_HUMAN | Endothelial cell-selective adhesion molecule |
| PBIP1\_HUMAN | Pre-B-cell leukemia transcription factor-interacting protein 1 (Hematopoietic PBX-interacting protein) |
| K1143\_HUMAN | Uncharacterized protein KIAA1143 |
| MIB2\_HUMAN | E3 ubiquitin-protein ligase MIB2 (EC 6.3.2.-) (Mind bomb homolog 2) (Novel zinc finger protein) (Novelzin) (Putative NF-kappa-B-activating protein 002N) (Skeletrophin) (Zinc finger ZZ type with ankyrin repeat domain protein 1) |
| FKB10\_HUMAN | Peptidyl-prolyl cis-trans isomerase FKBP10 (PPIase FKBP10) (EC 5.2.1.8) (65 kDa FK506-binding protein) (65 kDa FKBP) (FKBP-65) (FK506-binding protein 10) (FKBP-10) (Immunophilin FKBP65) (Rotamase) |
| ISG20\_HUMAN | Interferon-stimulated gene 20 kDa protein (EC 3.1.13.1) (Estrogen-regulated transcript 45 protein) (Promyelocytic leukemia nuclear body-associated protein ISG20) |
| AKTS1\_HUMAN | Proline-rich AKT1 substrate 1 (40 kDa proline-rich AKT substrate) |
| TOM6\_HUMAN | Mitochondrial import receptor subunit TOM6 homolog (Overexpressed breast tumor protein) (Translocase of outer membrane 6 kDa subunit homolog) |
| TM186\_HUMAN | Transmembrane protein 186 |
| TM159\_HUMAN | Promethin (Transmembrane protein 159) |
| SH3K1\_HUMAN | SH3 domain-containing kinase-binding protein 1 (CD2-binding protein 3) (CD2BP3) (Cbl-interacting protein of 85 kDa) (Human Src family kinase-binding protein 1) (HSB-1) |
| RNF25\_HUMAN | E3 ubiquitin-protein ligase RNF25 (EC 6.3.2.-) (RING finger protein 25) |
| ARL8A\_HUMAN | ADP-ribosylation factor-like protein 8A (ADP-ribosylation factor-like protein 10B) (Novel small G protein indispensable for equal chromosome segregation 2) |
| CHCH1\_HUMAN | Coiled-coil-helix-coiled-coil-helix domain-containing protein 1 (28S ribosomal protein S37, mitochondrial) (MRP-S37) (Nuclear protein C2360) |
| CC127\_HUMAN | Coiled-coil domain-containing protein 127 |
| COA7\_HUMAN | Cytochrome c oxidase assembly factor 7 (Beta-lactamase hcp-like protein) (Respiratory chain assembly factor 1) (Sel1 repeat-containing protein 1) |
| ALKB8\_HUMAN | Alkylated DNA repair protein alkB homolog 8 (EC 1.14.11.-) (Probable alpha-ketoglutarate-dependent dioxygenase ABH8) (S-adenosyl-L-methionine-dependent tRNA methyltransferase ABH8) (tRNA (carboxymethyluridine(34)-5-O)-methyltransferase ABH8) (EC 2.1.1.229) |
| PTER\_HUMAN | Phosphotriesterase-related protein (EC 3.1.-.-) (Parathion hydrolase-related protein) (hPHRP) |
| TAM41\_HUMAN | Phosphatidate cytidylyltransferase, mitochondrial (EC 2.7.7.41) (CDP-diacylglycerol synthase) (CDP-DAG synthase) (Mitochondrial translocator assembly and maintenance protein 41 homolog) (TAM41) |
| MOB3A\_HUMAN | MOB kinase activator 3A (MOB-LAK) (Mob1 homolog 2A) (Mps one binder kinase activator-like 2A) |
| DOC10\_HUMAN | Dedicator of cytokinesis protein 10 (Zizimin-3) |
| ATG2B\_HUMAN | Autophagy-related protein 2 homolog B |
| ZBTB9\_HUMAN | Zinc finger and BTB domain-containing protein 9 |
| F136A\_HUMAN | Protein FAM136A |
| FGGY\_HUMAN | FGGY carbohydrate kinase domain-containing protein (EC 2.7.1.-) |
| GALM\_HUMAN | Aldose 1-epimerase (EC 5.1.3.3) (Galactose mutarotase) |
| SYTL4\_HUMAN | Synaptotagmin-like protein 4 (Exophilin-2) (Granuphilin) |
| DCPS\_HUMAN | m7GpppX diphosphatase (EC 3.6.1.59) (DCS-1) (Decapping scavenger enzyme) (Hint-related 7meGMP-directed hydrolase) (Histidine triad nucleotide-binding protein 5) (Histidine triad protein member 5) (HINT-5) (Scavenger mRNA-decapping enzyme DcpS) |
| PP14B\_HUMAN | Protein phosphatase 1 regulatory subunit 14B (Phospholipase C-beta-3 neighbouring gene protein) |
| COAC\_HUMAN | Phosphopantothenoylcysteine decarboxylase (PPC-DC) (EC 4.1.1.36) (CoaC) |
| ACSF2\_HUMAN | Acyl-CoA synthetase family member 2, mitochondrial (EC 6.2.1.-) |
| ISOC1\_HUMAN | Isochorismatase domain-containing protein 1 |
| FWCH2\_HUMAN | FLYWCH family member 2 |
| FAF2\_HUMAN | FAS-associated factor 2 (Protein ETEA) (UBX domain-containing protein 3B) (UBX domain-containing protein 8) |
| CC124\_HUMAN | Coiled-coil domain-containing protein 124 |
| OPTN\_HUMAN | Optineurin (E3-14.7K-interacting protein) (FIP-2) (Huntingtin yeast partner L) (Huntingtin-interacting protein 7) (HIP-7) (Huntingtin-interacting protein L) (NEMO-related protein) (Optic neuropathy-inducing protein) (Transcription factor IIIA-interacting protein) (TFIIIA-IntP) |
| AP2M1\_HUMAN | AP-2 complex subunit mu (AP-2 mu chain) (Adaptin-mu2) (Adaptor protein complex AP-2 subunit mu) (Adaptor-related protein complex 2 subunit mu) (Clathrin assembly protein complex 2 mu medium chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (HA2 50 kDa subunit) (Plasma membrane adaptor AP-2 50 kDa protein) |
| S7A6O\_HUMAN | Probable RNA polymerase II nuclear localization protein SLC7A6OS (ADAMS proteinase-related protein) (Solute carrier family 7 member 6 opposite strand transcript) |
| KCD12\_HUMAN | BTB/POZ domain-containing protein KCTD12 (Pfetin) (Predominantly fetal expressed T1 domain) |
| REPS1\_HUMAN | RalBP1-associated Eps domain-containing protein 1 (RalBP1-interacting protein 1) |
| ZG16B\_HUMAN | Zymogen granule protein 16 homolog B |
| TIM14\_HUMAN | Mitochondrial import inner membrane translocase subunit TIM14 (DnaJ homolog subfamily C member 19) |
| RMD1\_HUMAN | Regulator of microtubule dynamics protein 1 (RMD-1) (hRMD-1) (Protein FAM82B) |
| ECHD3\_HUMAN | Enoyl-CoA hydratase domain-containing protein 3, mitochondrial |
| OTUB2\_HUMAN | Ubiquitin thioesterase OTUB2 (EC 3.4.19.12) (Deubiquitinating enzyme OTUB2) (OTU domain-containing ubiquitin aldehyde-binding protein 2) (Otubain-2) (Ubiquitin-specific-processing protease OTUB2) |
| LRC39\_HUMAN | Leucine-rich repeat-containing protein 39 (Densin hlg) |
| NUD16\_HUMAN | U8 snoRNA-decapping enzyme (EC 3.6.1.62) (IDP phosphatase) (IDPase) (EC 3.6.1.64) (Inosine diphosphate phosphatase) (Nucleoside diphosphate-linked moiety X motif 16) (Nudix motif 16) (U8 snoRNA-binding protein H29K) (m7GpppN-mRNA hydrolase) |
| DGC14\_HUMAN | Protein DGCR14 (DiGeorge syndrome critical region 13) (DiGeorge syndrome critical region 14) (DiGeorge syndrome protein H) (DGS-H) (Protein ES2) |
| CMBL\_HUMAN | Carboxymethylenebutenolidase homolog (EC 3.1.-.-) |
| MSI2H\_HUMAN | RNA-binding protein Musashi homolog 2 (Musashi-2) |
| MUCL1\_HUMAN | Mucin-like protein 1 (Protein BS106) (Small breast epithelial mucin) |
| ATG4C\_HUMAN | Cysteine protease ATG4C (EC 3.4.22.-) (AUT-like 3 cysteine endopeptidase) (Autophagin-3) (Autophagy-related cysteine endopeptidase 3) (Autophagy-related protein 4 homolog C) |
| RM38\_HUMAN | 39S ribosomal protein L38, mitochondrial (L38mt) (MRP-L38) |
| F122A\_HUMAN | Protein FAM122A |
| RRFM\_HUMAN | Ribosome-recycling factor, mitochondrial (RRF) (Ribosome-releasing factor, mitochondrial) |
| RMXL1\_HUMAN | RNA binding motif protein, X-linked-like-1 (Heterogeneous nuclear ribonucleoprotein G-like 1) |
| OMA1\_HUMAN | Metalloendopeptidase OMA1, mitochondrial (EC 3.4.24.-) (Metalloprotease-related protein 1) (MPRP-1) (Overlapping with the m-AAA protease 1 homolog) |
| HOOK2\_HUMAN | Protein Hook homolog 2 (h-hook2) (hHK2) |
| SEH1\_HUMAN | Nucleoporin SEH1 (Nup107-160 subcomplex subunit SEH1) (SEC13-like protein) |
| PF21B\_HUMAN | PHD finger protein 21B |
| GNA1\_HUMAN | Glucosamine 6-phosphate N-acetyltransferase (EC 2.3.1.4) (Phosphoglucosamine acetylase) (Phosphoglucosamine transacetylase) |
| RT24\_HUMAN | 28S ribosomal protein S24, mitochondrial (MRP-S24) (S24mt) (bMRP-47) (bMRP47) |
| T3HPD\_HUMAN | Trans-3-hydroxy-L-proline dehydratase (EC 4.2.1.77) (Trans-L-3-hydroxyproline dehydratase) |
| DAZP1\_HUMAN | DAZ-associated protein 1 (Deleted in azoospermia-associated protein 1) |
| RN125\_HUMAN | E3 ubiquitin-protein ligase RNF125 (EC 6.3.2.-) (RING finger protein 125) (T-cell RING activation protein 1) (TRAC-1) |
| CCD51\_HUMAN | Coiled-coil domain-containing protein 51 |
| SIM12\_HUMAN | Small integral membrane protein 12 |
| DNJA3\_HUMAN | DnaJ homolog subfamily A member 3, mitochondrial (DnaJ protein Tid-1) (hTid-1) (Hepatocellular carcinoma-associated antigen 57) (Tumorous imaginal discs protein Tid56 homolog) |
| PTCD3\_HUMAN | Pentatricopeptide repeat domain-containing protein 3, mitochondrial (28S ribosomal protein S39, mitochondrial) (MRP-S39) (Transformation-related gene 15 protein) (TRG-15) |
| MMAB\_HUMAN | Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial (EC 2.5.1.17) (Cob(I)alamin adenosyltransferase) (Methylmalonic aciduria type B protein) |
| MCRS1\_HUMAN | Microspherule protein 1 (58 kDa microspherule protein) (Cell cycle-regulated factor p78) (INO80 complex subunit J) (MCRS2) |
| CNRP1\_HUMAN | CB1 cannabinoid receptor-interacting protein 1 (CRIP-1) |
| NEIL1\_HUMAN | Endonuclease 8-like 1 (EC 3.2.2.-) (EC 4.2.99.18) (DNA glycosylase/AP lyase Neil1) (DNA-(apurinic or apyrimidinic site) lyase Neil1) (Endonuclease VIII-like 1) (FPG1) (Nei homolog 1) (NEH1) (Nei-like protein 1) |
| DYL2\_HUMAN | Dynein light chain 2, cytoplasmic (8 kDa dynein light chain b) (DLC8b) (Dynein light chain LC8-type 2) |
| S10AG\_HUMAN | Protein S100-A16 (Aging-associated gene 13 protein) (Protein S100-F) (S100 calcium-binding protein A16) |
| SIPA1\_HUMAN | Signal-induced proliferation-associated protein 1 (Sipa-1) (GTPase-activating protein Spa-1) (p130 SPA-1) |
| SCRN2\_HUMAN | Secernin-2 |
| OTUB1\_HUMAN | Ubiquitin thioesterase OTUB1 (EC 3.4.19.12) (Deubiquitinating enzyme OTUB1) (OTU domain-containing ubiquitin aldehyde-binding protein 1) (Otubain-1) (hOTU1) (Ubiquitin-specific-processing protease OTUB1) |
| CHMP6\_HUMAN | Charged multivesicular body protein 6 (Chromatin-modifying protein 6) (Vacuolar protein sorting-associated protein 20) (Vps20) (hVps20) |
| DUS3L\_HUMAN | tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like (EC 1.3.1.-) (tRNA-dihydrouridine synthase 3-like) |
| BSCL2\_HUMAN | Seipin (Bernardinelli-Seip congenital lipodystrophy type 2 protein) |
| SDSL\_HUMAN | Serine dehydratase-like (L-serine deaminase) (L-serine dehydratase/L-threonine deaminase) (L-threonine dehydratase) (TDH) (EC 4.3.1.19) (Serine dehydratase 2) (SDH 2) (EC 4.3.1.17) |
| RM48\_HUMAN | 39S ribosomal protein L48, mitochondrial (L48mt) (MRP-L48) |
| PLPP\_HUMAN | Pyridoxal phosphate phosphatase (PLP phosphatase) (EC 3.1.3.3) (EC 3.1.3.74) (Chronophin) |
| SCMH1\_HUMAN | Polycomb protein SCMH1 (Sex comb on midleg homolog 1) |
| CEP95\_HUMAN | Centrosomal protein of 95 kDa (Cep95) (Coiled-coil domain-containing protein 45) |
| DCNL1\_HUMAN | DCN1-like protein 1 (DCUN1 domain-containing protein 1) (Defective in cullin neddylation protein 1-like protein 1) (Squamous cell carcinoma-related oncogene) |
| FAH2A\_HUMAN | Fumarylacetoacetate hydrolase domain-containing protein 2A (EC 3.-.-.-) |
| RUS1\_HUMAN | RUS1 family protein C16orf58 |
| PGCB\_HUMAN | Brevican core protein (Brain-enriched hyaluronan-binding protein) (BEHAB) (Chondroitin sulfate proteoglycan 7) |
| GWL\_HUMAN | Serine/threonine-protein kinase greatwall (GW) (GWL) (hGWL) (EC 2.7.11.1) (Microtubule-associated serine/threonine-protein kinase-like) (MAST-L) |
| MTNB\_HUMAN | Methylthioribulose-1-phosphate dehydratase (MTRu-1-P dehydratase) (EC 4.2.1.109) (APAF1-interacting protein) (hAPIP) |
| SNF8\_HUMAN | Vacuolar-sorting protein SNF8 (ELL-associated protein of 30 kDa) (ESCRT-II complex subunit VPS22) (hVps22) |
| NTAQ1\_HUMAN | Protein N-terminal glutamine amidohydrolase (EC 3.5.1.-) (Protein NH2-terminal glutamine deamidase) (N-terminal Gln amidase) (Nt(Q)-amidase) (WDYHV motif-containing protein 1) |
| PDLI5\_HUMAN | PDZ and LIM domain protein 5 (Enigma homolog) (Enigma-like PDZ and LIM domains protein) |
| ERO1A\_HUMAN | ERO1-like protein alpha (ERO1-L) (ERO1-L-alpha) (EC 1.8.4.-) (Endoplasmic oxidoreductin-1-like protein) (Endoplasmic reticulum oxidoreductase alpha) (Oxidoreductin-1-L-alpha) |
| CG055\_HUMAN | UPF0562 protein C7orf55 |
| SAHH3\_HUMAN | Adenosylhomocysteinase 3 (AdoHcyase 3) (EC 3.3.1.1) (IP(3)Rs binding protein released with IP(3) 2) (IRBIT2) (Long-IRBIT) (S-adenosyl-L-homocysteine hydrolase 3) (S-adenosylhomocysteine hydrolase-like protein 2) |
| DOCK6\_HUMAN | Dedicator of cytokinesis protein 6 |
| NAF1\_HUMAN | H/ACA ribonucleoprotein complex non-core subunit NAF1 (hNAF1) |
| PGAM5\_HUMAN | Serine/threonine-protein phosphatase PGAM5, mitochondrial (EC 3.1.3.16) (Bcl-XL-binding protein v68) (Phosphoglycerate mutase family member 5) |
| DDRGK\_HUMAN | DDRGK domain-containing protein 1 (Dashurin) (UFM1-binding and PCI domain-containing protein 1) |
| DHTK1\_HUMAN | Probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial (EC 1.2.4.2) (Dehydrogenase E1 and transketolase domain-containing protein 1) |
| PREY\_HUMAN | Protein preY, mitochondrial (PIGY upstream reading frame protein) |
| SPF45\_HUMAN | Splicing factor 45 (45 kDa-splicing factor) (RNA-binding motif protein 17) |
| COX14\_HUMAN | Cytochrome c oxidase assembly protein COX14 |
| SYNM\_HUMAN | Probable asparagine--tRNA ligase, mitochondrial (EC 6.1.1.22) (Asparaginyl-tRNA synthetase) (AsnRS) |
| SUCB2\_HUMAN | Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial (EC 6.2.1.4) (GTP-specific succinyl-CoA synthetase subunit beta) (Succinyl-CoA synthetase beta-G chain) (SCS-betaG) |
| LRCH3\_HUMAN | Leucine-rich repeat and calponin homology domain-containing protein 3 |
| GMPPA\_HUMAN | Mannose-1-phosphate guanyltransferase alpha (GDP-mannose pyrophosphorylase A) (GMPP-alpha) (GTP-mannose-1-phosphate guanylyltransferase alpha) |
| ABHEB\_HUMAN | Alpha/beta hydrolase domain-containing protein 14B (Abhydrolase domain-containing protein 14B) (EC 3.-.-.-) (CCG1-interacting factor B) |
| NGLY1\_HUMAN | Peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparagine amidase (PNGase) (hPNGase) (EC 3.5.1.52) (N-glycanase 1) (Peptide:N-glycanase) |
| USMG5\_HUMAN | Up-regulated during skeletal muscle growth protein 5 (Diabetes-associated protein in insulin-sensitive tissues) (HCV F-transactivated protein 2) |
| NSL1\_HUMAN | Kinetochore-associated protein NSL1 homolog |
| MRP9\_HUMAN | Multidrug resistance-associated protein 9 (ATP-binding cassette sub-family C member 12) |
| CK5P3\_HUMAN | CDK5 regulatory subunit-associated protein 3 (CDK5 activator-binding protein C53) (LXXLL/leucine-zipper-containing ARF-binding protein) (Protein HSF-27) |
| VPS50\_HUMAN | Syndetin (Coiled-coil domain-containing protein 132) (EARP/GARPII complex subunit VPS50) |
| VCIP1\_HUMAN | Deubiquitinating protein VCIP135 (EC 3.4.19.12) (Valosin-containing protein p97/p47 complex-interacting protein 1) (Valosin-containing protein p97/p47 complex-interacting protein p135) (VCP/p47 complex-interacting 135-kDa protein) |
| TMX3\_HUMAN | Protein disulfide-isomerase TMX3 (EC 5.3.4.1) (Thioredoxin domain-containing protein 10) (Thioredoxin-related transmembrane protein 3) |
| DCAF5\_HUMAN | DDB1- and CUL4-associated factor 5 (Breakpoint cluster region protein 2) (BCRP2) (WD repeat-containing protein 22) |
| CHAP1\_HUMAN | Chromosome alignment-maintaining phosphoprotein 1 (Zinc finger protein 828) |
| CDHR1\_HUMAN | Cadherin-related family member 1 (Photoreceptor cadherin) (prCAD) (Protocadherin-21) |
| CLMN\_HUMAN | Calmin (Calponin-like transmembrane domain protein) |
| PDLI2\_HUMAN | PDZ and LIM domain protein 2 (PDZ-LIM protein mystique) |
| BT3L4\_HUMAN | Transcription factor BTF3 homolog 4 (Basic transcription factor 3-like 4) |
| RN170\_HUMAN | E3 ubiquitin-protein ligase RNF170 (EC 6.3.2.-) (Putative LAG1-interacting protein) (RING finger protein 170) |
| ANCHR\_HUMAN | Abscission/NoCut checkpoint regulator (ANCHR) (MLL partner containing FYVE domain) (Zinc finger FYVE domain-containing protein 19) |
| UBP47\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 47 (EC 3.4.19.12) (Deubiquitinating enzyme 47) (Ubiquitin thioesterase 47) (Ubiquitin-specific-processing protease 47) |
| DNJC1\_HUMAN | DnaJ homolog subfamily C member 1 (DnaJ protein homolog MTJ1) |
| F71F1\_HUMAN | Protein FAM71F1 (Protein FAM137A) (Testis development protein NYD-SP18) |
| NTKL\_HUMAN | N-terminal kinase-like protein (Coated vesicle-associated kinase of 90 kDa) (SCY1-like protein 1) (Telomerase regulation-associated protein) (Telomerase transcriptional element-interacting factor) (Teratoma-associated tyrosine kinase) |
| KCNS1\_HUMAN | Potassium voltage-gated channel subfamily S member 1 (Delayed-rectifier K(+) channel alpha subunit 1) (Voltage-gated potassium channel subunit Kv9.1) |
| H2A1H\_HUMAN | Histone H2A type 1-H (Histone H2A/s) |
| EXOC2\_HUMAN | Exocyst complex component 2 (Exocyst complex component Sec5) |
| CNDP2\_HUMAN | Cytosolic non-specific dipeptidase (EC 3.4.13.18) (CNDP dipeptidase 2) (Glutamate carboxypeptidase-like protein 1) (Peptidase A) |
| F210B\_HUMAN | Protein FAM210B |
| RL10L\_HUMAN | 60S ribosomal protein L10-like |
| SNX27\_HUMAN | Sorting nexin-27 |
| ALPK3\_HUMAN | Alpha-protein kinase 3 (EC 2.7.11.-) (Muscle alpha-protein kinase) |
| DJC30\_HUMAN | DnaJ homolog subfamily C member 30 (Williams-Beuren syndrome chromosomal region 18 protein) |
| CB050\_HUMAN | Uncharacterized protein C2orf50 |
| BINCA\_HUMAN | Bcl10-interacting CARD protein (BinCARD) |
| PRRC1\_HUMAN | Protein PRRC1 (Proline-rich and coiled-coil-containing protein 1) |
| CC030\_HUMAN | Uncharacterized protein C3orf30 |
| LRGUK\_HUMAN | Leucine-rich repeat and guanylate kinase domain-containing protein |
| DNHD1\_HUMAN | Dynein heavy chain domain-containing protein 1 (Dynein heavy chain domain 1-like protein) (Protein CCDC35) |
| CFA53\_HUMAN | Cilia- and flagella-associated protein 53 (Coiled-coil domain-containing protein 11) |
| FGD4\_HUMAN | FYVE, RhoGEF and PH domain-containing protein 4 (Actin filament-binding protein frabin) (FGD1-related F-actin-binding protein) (Zinc finger FYVE domain-containing protein 6) |
| HIAT1\_HUMAN | Hippocampus abundant transcript 1 protein (Putative tetracycline transporter-like protein) |
| ZN512\_HUMAN | Zinc finger protein 512 |
| STAC3\_HUMAN | SH3 and cysteine-rich domain-containing protein 3 |
| CQ10A\_HUMAN | Coenzyme Q-binding protein COQ10 homolog A, mitochondrial |
| JSPR1\_HUMAN | Junctional sarcoplasmic reticulum protein 1 (Junctional-face membrane protein of 45 kDa homolog) (JP-45) |
| PCMD1\_HUMAN | Protein-L-isoaspartate O-methyltransferase domain-containing protein 1 |
| HEXI2\_HUMAN | Protein HEXIM2 (Hexamethylene bis-acetamide-inducible protein 2) |
| CBPC4\_HUMAN | Cytosolic carboxypeptidase 4 (EC 3.4.17.-) (ATP/GTP-binding protein-like 1) |
| HS12B\_HUMAN | Heat shock 70 kDa protein 12B |
| ROBO3\_HUMAN | Roundabout homolog 3 (Roundabout-like protein 3) |
| YTDC1\_HUMAN | YTH domain-containing protein 1 (Putative splicing factor YT521) (YT521-B) |
| CCD43\_HUMAN | Coiled-coil domain-containing protein 43 |
| RILP\_HUMAN | Rab-interacting lysosomal protein |
| F210A\_HUMAN | Protein FAM210A |
| TTC25\_HUMAN | Tetratricopeptide repeat protein 25 (TPR repeat protein 25) |
| KCC1G\_HUMAN | Calcium/calmodulin-dependent protein kinase type 1G (EC 2.7.11.17) (CaM kinase I gamma) (CaM kinase IG) (CaM-KI gamma) (CaMKI gamma) (CaMKIG) (CaMK-like CREB kinase III) (CLICK III) |
| 5NT1B\_HUMAN | Cytosolic 5'-nucleotidase 1B (cN1B) (EC 3.1.3.5) (Autoimmune infertility-related protein) (Cytosolic 5'-nucleotidase IB) (cN-IB) |
| IPO9\_HUMAN | Importin-9 (Imp9) (Ran-binding protein 9) (RanBP9) |
| AP1S3\_HUMAN | AP-1 complex subunit sigma-3 (Adaptor protein complex AP-1 subunit sigma-1C) (Adaptor-related protein complex 1 subunit sigma-1C) (Clathrin assembly protein complex 1 sigma-1C small chain) (Golgi adaptor HA1/AP1 adaptin sigma-1C subunit) (Sigma 1C subunit of AP-1 clathrin) (Sigma-adaptin 1C) (Sigma1C-adaptin) |
| PGRP2\_HUMAN | N-acetylmuramoyl-L-alanine amidase (EC 3.5.1.28) (Peptidoglycan recognition protein 2) (Peptidoglycan recognition protein long) (PGRP-L) |
| DGAT2\_HUMAN | Diacylglycerol O-acyltransferase 2 (EC 2.3.1.20) (Acyl-CoA retinol O-fatty-acyltransferase) (ARAT) (Retinol O-fatty-acyltransferase) (EC 2.3.1.76) (Diglyceride acyltransferase 2) |
| ARHGH\_HUMAN | Rho guanine nucleotide exchange factor 17 (164 kDa Rho-specific guanine-nucleotide exchange factor) (p164-RhoGEF) (p164RhoGEF) (Tumor endothelial marker 4) |
| MCEE\_HUMAN | Methylmalonyl-CoA epimerase, mitochondrial (EC 5.1.99.1) (DL-methylmalonyl-CoA racemase) |
| TGM7\_HUMAN | Protein-glutamine gamma-glutamyltransferase Z (Transglutaminase Z) (TG(Z)) (TGZ) (TGase Z) (EC 2.3.2.13) (Transglutaminase-7) (TGase-7) |
| NOX5\_HUMAN | NADPH oxidase 5 (EC 1.6.3.-) |
| RBM14\_HUMAN | RNA-binding protein 14 (Paraspeckle protein 2) (PSP2) (RNA-binding motif protein 14) (RRM-containing coactivator activator/modulator) (Synaptotagmin-interacting protein) (SYT-interacting protein) |
| ERMAP\_HUMAN | Erythroid membrane-associated protein (hERMAP) (Radin blood group antigen) (Scianna blood group antigen) |
| GBP4\_HUMAN | Guanylate-binding protein 4 (EC 3.6.5.-) (GTP-binding protein 4) (GBP-4) (Guanine nucleotide-binding protein 4) |
| SORC2\_HUMAN | VPS10 domain-containing receptor SorCS2 |
| IPP2L\_HUMAN | Putative protein phosphatase inhibitor 2-like protein 1 (Protein phosphatase 1, regulatory subunit 2 pseudogene 1) |
| NED4L\_HUMAN | E3 ubiquitin-protein ligase NEDD4-like (EC 6.3.2.-) (NEDD4.2) (Nedd4-2) |
| QKI\_HUMAN | Protein quaking (Hqk) (HqkI) |
| FMNL2\_HUMAN | Formin-like protein 2 (Formin homology 2 domain-containing protein 2) |
| PLIN4\_HUMAN | Perilipin-4 (Adipocyte protein S3-12) |
| SMG1\_HUMAN | Serine/threonine-protein kinase SMG1 (SMG-1) (hSMG-1) (EC 2.7.11.1) (61E3.4) (Lambda/iota protein kinase C-interacting protein) (Lambda-interacting protein) |
| ASB2\_HUMAN | Ankyrin repeat and SOCS box protein 2 (ASB-2) |
| ALS2\_HUMAN | Alsin (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 6 protein) (Amyotrophic lateral sclerosis 2 protein) |
| ALKB3\_HUMAN | Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3 (EC 1.14.11.-) (Alkylated DNA repair protein alkB homolog 3) (DEPC-1) (Prostate cancer antigen 1) |
| RHG07\_HUMAN | Rho GTPase-activating protein 7 (Deleted in liver cancer 1 protein) (DLC-1) (HP protein) (Rho-type GTPase-activating protein 7) (START domain-containing protein 12) (StARD12) (StAR-related lipid transfer protein 12) |
| UIF\_HUMAN | UAP56-interacting factor (Forty-two-three domain-containing protein 1) (Protein 40-2-3) |
| TEFM\_HUMAN | Transcription elongation factor, mitochondrial |
| VPS35\_HUMAN | Vacuolar protein sorting-associated protein 35 (hVPS35) (Maternal-embryonic 3) (Vesicle protein sorting 35) |
| PURB\_HUMAN | Transcriptional activator protein Pur-beta (Purine-rich element-binding protein B) |
| H2A1A\_HUMAN | Histone H2A type 1-A (Histone H2A/r) |
| SNX18\_HUMAN | Sorting nexin-18 (SH3 and PX domain-containing protein 3B) (Sorting nexin-associated Golgi protein 1) |
| CIC\_HUMAN | Protein capicua homolog |
| UIMC1\_HUMAN | BRCA1-A complex subunit RAP80 (Receptor-associated protein 80) (Retinoid X receptor-interacting protein 110) (Ubiquitin interaction motif-containing protein 1) |
| VP13A\_HUMAN | Vacuolar protein sorting-associated protein 13A (Chorea-acanthocytosis protein) (Chorein) |
| KCNA7\_HUMAN | Potassium voltage-gated channel subfamily A member 7 (Voltage-gated potassium channel subunit Kv1.7) |
| EFGM\_HUMAN | Elongation factor G, mitochondrial (EF-Gmt) (Elongation factor G 1, mitochondrial) (mEF-G 1) (Elongation factor G1) (hEFG1) |
| MCCA\_HUMAN | Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial (MCCase subunit alpha) (EC 6.4.1.4) (3-methylcrotonyl-CoA carboxylase 1) (3-methylcrotonyl-CoA carboxylase biotin-containing subunit) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha) |
| KKCC2\_HUMAN | Calcium/calmodulin-dependent protein kinase kinase 2 (CaM-KK 2) (CaM-kinase kinase 2) (CaMKK 2) (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-KK beta) (CaM-kinase kinase beta) (CaMKK beta) |
| LAP2\_HUMAN | Protein LAP2 (Densin-180-like protein) (Erbb2-interacting protein) (Erbin) |
| UBP28\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.4.19.12) (Deubiquitinating enzyme 28) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) |
| FNBP1\_HUMAN | Formin-binding protein 1 (Formin-binding protein 17) (hFBP17) |
| HMCN1\_HUMAN | Hemicentin-1 (Fibulin-6) (FIBL-6) |
| WDR24\_HUMAN | WD repeat-containing protein 24 |
| CP013\_HUMAN | UPF0585 protein C16orf13 |
| KS6C1\_HUMAN | Ribosomal protein S6 kinase delta-1 (S6K-delta-1) (EC 2.7.11.1) (52 kDa ribosomal protein S6 kinase) (Ribosomal S6 kinase-like protein with two PSK domains 118 kDa protein) (SPHK1-binding protein) |
| PRPK\_HUMAN | TP53-regulating kinase (EC 2.7.11.1) (Atypical serine/threonine protein kinase TP53RK) (EKC/KEOPS complex subunit TP53RK) (EC 3.6.-.-) (Nori-2) (p53-related protein kinase) |
| WRIP1\_HUMAN | ATPase WRNIP1 (EC 3.6.1.3) (Werner helicase-interacting protein 1) |
| CLCC1\_HUMAN | Chloride channel CLIC-like protein 1 (Mid-1-related chloride channel protein 1) |
| UBL7\_HUMAN | Ubiquitin-like protein 7 (Bone marrow stromal cell ubiquitin-like protein) (BMSC-UbP) (Ubiquitin-like protein SB132) |
| LYSM1\_HUMAN | LysM and putative peptidoglycan-binding domain-containing protein 1 |
| PEBP4\_HUMAN | Phosphatidylethanolamine-binding protein 4 (PEBP-4) (hPEBP4) (Protein cousin-of-RKIP 1) |
| MYADM\_HUMAN | Myeloid-associated differentiation marker (Protein SB135) |
| PKHF1\_HUMAN | Pleckstrin homology domain-containing family F member 1 (PH domain-containing family F member 1) (Lysosome-associated apoptosis-inducing protein containing PH and FYVE domains) (Apoptosis-inducing protein) (PH and FYVE domain-containing protein 1) (Phafin-1) (Zinc finger FYVE domain-containing protein 15) |
| STRBP\_HUMAN | Spermatid perinuclear RNA-binding protein |
| GPX7\_HUMAN | Glutathione peroxidase 7 (GPx-7) (GSHPx-7) (EC 1.11.1.9) (CL683) |
| CK5P2\_HUMAN | CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) |
| IWS1\_HUMAN | Protein IWS1 homolog (IWS1-like protein) |
| CEP89\_HUMAN | Centrosomal protein of 89 kDa (Cep89) (Centrosomal protein 123) (Cep123) (Coiled-coil domain-containing protein 123) |
| OSBL9\_HUMAN | Oxysterol-binding protein-related protein 9 (ORP-9) (OSBP-related protein 9) |
| CRBN\_HUMAN | Protein cereblon |
| AEDO\_HUMAN | 2-aminoethanethiol dioxygenase (EC 1.13.11.19) (Cysteamine dioxygenase) |
| RBM15\_HUMAN | Putative RNA-binding protein 15 (One-twenty two protein 1) (RNA-binding motif protein 15) |
| NMNA3\_HUMAN | Nicotinamide/nicotinic acid mononucleotide adenylyltransferase 3 (NMN/NaMN adenylyltransferase 3) (Nicotinamide-nucleotide adenylyltransferase 3) (NMN adenylyltransferase 3) (Nicotinate-nucleotide adenylyltransferase 3) (NaMN adenylyltransferase 3) (EC 2.7.7.18) (Pyridine nucleotide adenylyltransferase 3) (PNAT-3) (EC 2.7.7.1) |
| MMS19\_HUMAN | MMS19 nucleotide excision repair protein homolog (hMMS19) (MET18 homolog) (MMS19-like protein) |
| NIBL1\_HUMAN | Niban-like protein 1 (Meg-3) (Melanoma invasion by ERK) (MINERVA) (Protein FAM129B) |
| RMD3\_HUMAN | Regulator of microtubule dynamics protein 3 (RMD-3) (hRMD-3) (Cerebral protein 10) (Protein FAM82A2) (Protein FAM82C) (Protein tyrosine phosphatase-interacting protein 51) (TCPTP-interacting protein 51) |
| SCN2A\_HUMAN | Sodium channel protein type 2 subunit alpha (HBSC II) (Sodium channel protein brain II subunit alpha) (Sodium channel protein type II subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.2) |
| MYCBP\_HUMAN | C-Myc-binding protein (Associate of Myc 1) (AMY-1) |
| TBCB\_HUMAN | Tubulin-folding cofactor B (Cytoskeleton-associated protein 1) (Cytoskeleton-associated protein CKAPI) (Tubulin-specific chaperone B) |
| PSB7\_HUMAN | Proteasome subunit beta type-7 (EC 3.4.25.1) (Macropain chain Z) (Multicatalytic endopeptidase complex chain Z) (Proteasome subunit Z) |
| CNN2\_HUMAN | Calponin-2 (Calponin H2, smooth muscle) (Neutral calponin) |
| SEC62\_HUMAN | Translocation protein SEC62 (Translocation protein 1) (TP-1) (hTP-1) |
| PCY2\_HUMAN | Ethanolamine-phosphate cytidylyltransferase (EC 2.7.7.14) (CTP:phosphoethanolamine cytidylyltransferase) (Phosphorylethanolamine transferase) |
| CDC5L\_HUMAN | Cell division cycle 5-like protein (Cdc5-like protein) (Pombe cdc5-related protein) |
| PSMD1\_HUMAN | 26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) (26S proteasome subunit p112) |
| SDF2\_HUMAN | Stromal cell-derived factor 2 (SDF-2) |
| PFD5\_HUMAN | Prefoldin subunit 5 (C-Myc-binding protein Mm-1) (Myc modulator 1) |
| PARK7\_HUMAN | Protein deglycase DJ-1 (DJ-1) (EC 3.1.2.-) (EC 3.5.1.-) (Oncogene DJ1) (Parkinson disease protein 7) |
| VAT1\_HUMAN | Synaptic vesicle membrane protein VAT-1 homolog (EC 1.-.-.-) |
| PLIN2\_HUMAN | Perilipin-2 (Adipophilin) (Adipose differentiation-related protein) (ADRP) |
| DNJC2\_HUMAN | DnaJ homolog subfamily C member 2 (M-phase phosphoprotein 11) (Zuotin-related factor 1) [Cleaved into: DnaJ homolog subfamily C member 2, N-terminally processed] |
| T22D3\_HUMAN | TSC22 domain family protein 3 (DSIP-immunoreactive peptide) (Protein DIP) (hDIP) (Delta sleep-inducing peptide immunoreactor) (Glucocorticoid-induced leucine zipper protein) (GILZ) (TSC-22-like protein) (TSC-22-related protein) (TSC-22R) |
| MNT\_HUMAN | Max-binding protein MNT (Class D basic helix-loop-helix protein 3) (bHLHd3) (Myc antagonist MNT) (Protein ROX) |
| S10AD\_HUMAN | Protein S100-A13 (S100 calcium-binding protein A13) |
| TEAD3\_HUMAN | Transcriptional enhancer factor TEF-5 (DTEF-1) (TEA domain family member 3) (TEAD-3) |
| TSNAX\_HUMAN | Translin-associated protein X (Translin-associated factor X) |
| SPS2\_HUMAN | Selenide, water dikinase 2 (EC 2.7.9.3) (Selenium donor protein 2) (Selenophosphate synthase 2) |
| EIF3C\_HUMAN | Eukaryotic translation initiation factor 3 subunit C (eIF3c) (Eukaryotic translation initiation factor 3 subunit 8) (eIF3 p110) |
| DNJC7\_HUMAN | DnaJ homolog subfamily C member 7 (Tetratricopeptide repeat protein 2) (TPR repeat protein 2) |
| C10\_HUMAN | Protein C10 |
| PHB2\_HUMAN | Prohibitin-2 (B-cell receptor-associated protein BAP37) (D-prohibitin) (Repressor of estrogen receptor activity) |
| CSN8\_HUMAN | COP9 signalosome complex subunit 8 (SGN8) (Signalosome subunit 8) (COP9 homolog) (hCOP9) (JAB1-containing signalosome subunit 8) |
| C560\_HUMAN | Succinate dehydrogenase cytochrome b560 subunit, mitochondrial (Integral membrane protein CII-3) (QPs-1) (QPs1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CYBL) |
| CHP1\_HUMAN | Calcineurin B homologous protein 1 (Calcineurin B-like protein) (Calcium-binding protein CHP) (Calcium-binding protein p22) (EF-hand calcium-binding domain-containing protein p22) |
| M3K5\_HUMAN | Mitogen-activated protein kinase kinase kinase 5 (EC 2.7.11.25) (Apoptosis signal-regulating kinase 1) (ASK-1) (MAPK/ERK kinase kinase 5) (MEK kinase 5) (MEKK 5) |
| MGLL\_HUMAN | Monoglyceride lipase (MGL) (EC 3.1.1.23) (HU-K5) (Lysophospholipase homolog) (Lysophospholipase-like) (Monoacylglycerol lipase) (MAGL) |
| LYST\_HUMAN | Lysosomal-trafficking regulator (Beige homolog) |
| ATX2\_HUMAN | Ataxin-2 (Spinocerebellar ataxia type 2 protein) (Trinucleotide repeat-containing gene 13 protein) |
| METH\_HUMAN | Methionine synthase (EC 2.1.1.13) (5-methyltetrahydrofolate--homocysteine methyltransferase) (Vitamin-B12 dependent methionine synthase) (MS) |
| HCD2\_HUMAN | 3-hydroxyacyl-CoA dehydrogenase type-2 (EC 1.1.1.35) (17-beta-hydroxysteroid dehydrogenase 10) (17-beta-HSD 10) (EC 1.1.1.51) (3-hydroxy-2-methylbutyryl-CoA dehydrogenase) (EC 1.1.1.178) (3-hydroxyacyl-CoA dehydrogenase type II) (Endoplasmic reticulum-associated amyloid beta-peptide-binding protein) (Mitochondrial ribonuclease P protein 2) (Mitochondrial RNase P protein 2) (Short chain dehydrogenase/reductase family 5C member 1) (Short-chain type dehydrogenase/reductase XH98G2) (Type II HADH) |
| COCA1\_HUMAN | Collagen alpha-1(XII) chain |
| ROAA\_HUMAN | Heterogeneous nuclear ribonucleoprotein A/B (hnRNP A/B) (APOBEC1-binding protein 1) (ABBP-1) |
| NP1L4\_HUMAN | Nucleosome assembly protein 1-like 4 (Nucleosome assembly protein 2) (NAP-2) |
| MGST2\_HUMAN | Microsomal glutathione S-transferase 2 (Microsomal GST-2) (EC 2.5.1.18) (Microsomal GST-II) |
| CDC6\_HUMAN | Cell division control protein 6 homolog (CDC6-related protein) (Cdc18-related protein) (HsCdc18) (p62(cdc6)) (HsCDC6) |
| SNAG\_HUMAN | Gamma-soluble NSF attachment protein (SNAP-gamma) (N-ethylmaleimide-sensitive factor attachment protein gamma) |
| THIOM\_HUMAN | Thioredoxin, mitochondrial (MTRX) (Mt-Trx) (Thioredoxin-2) |
| M3K3\_HUMAN | Mitogen-activated protein kinase kinase kinase 3 (EC 2.7.11.25) (MAPK/ERK kinase kinase 3) (MEK kinase 3) (MEKK 3) |
| ATP5S\_HUMAN | ATP synthase subunit s, mitochondrial (ATP synthase-coupling factor B) (FB) (Mitochondrial ATP synthase regulatory component factor B) |
| MIPEP\_HUMAN | Mitochondrial intermediate peptidase (MIP) (EC 3.4.24.59) |
| ACON\_HUMAN | Aconitate hydratase, mitochondrial (Aconitase) (EC 4.2.1.3) (Citrate hydro-lyase) |
| TM9S2\_HUMAN | Transmembrane 9 superfamily member 2 (p76) |
| COQ7\_HUMAN | 5-demethoxyubiquinone hydroxylase, mitochondrial (DMQ hydroxylase) (EC 1.14.13.-) (Timing protein clk-1 homolog) (Ubiquinone biosynthesis monooxygenase COQ7) |
| S29A1\_HUMAN | Equilibrative nucleoside transporter 1 (Equilibrative nitrobenzylmercaptopurine riboside-sensitive nucleoside transporter) (Equilibrative NBMPR-sensitive nucleoside transporter) (Nucleoside transporter, es-type) (Solute carrier family 29 member 1) |
| TS101\_HUMAN | Tumor susceptibility gene 101 protein (ESCRT-I complex subunit TSG101) |
| CPNE1\_HUMAN | Copine-1 (Chromobindin 17) (Copine I) |
| TCPH\_HUMAN | T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) |
| ANM1\_HUMAN | Protein arginine N-methyltransferase 1 (EC 2.1.1.-) (Histone-arginine N-methyltransferase PRMT1) (EC 2.1.1.125) (Interferon receptor 1-bound protein 4) |
| H2B1N\_HUMAN | Histone H2B type 1-N (Histone H2B.d) (H2B/d) |
| H2A1J\_HUMAN | Histone H2A type 1-J (Histone H2A/e) |
| H2B1M\_HUMAN | Histone H2B type 1-M (Histone H2B.e) (H2B/e) |
| H2B1L\_HUMAN | Histone H2B type 1-L (Histone H2B.c) (H2B/c) |
| BAG1\_HUMAN | BAG family molecular chaperone regulator 1 (BAG-1) (Bcl-2-associated athanogene 1) |
| RNF5\_HUMAN | E3 ubiquitin-protein ligase RNF5 (EC 6.3.2.-) (Protein G16) (RING finger protein 5) (Ram1 homolog) (HsRma1) |
| SH3G1\_HUMAN | Endophilin-A2 (EEN fusion partner of MLL) (Endophilin-2) (Extra eleven-nineteen leukemia fusion gene protein) (EEN) (SH3 domain protein 2B) (SH3 domain-containing GRB2-like protein 1) |
| MYOC\_HUMAN | Myocilin (Myocilin 55 kDa subunit) (Trabecular meshwork-induced glucocorticoid response protein) [Cleaved into: Myocilin, N-terminal fragment (Myocilin 20 kDa N-terminal fragment); Myocilin, C-terminal fragment (Myocilin 35 kDa N-terminal fragment)] |
| AKAP9\_HUMAN | A-kinase anchor protein 9 (AKAP-9) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (A-kinase anchor protein 450 kDa) (AKAP 450) (AKAP 120-like protein) (Centrosome- and Golgi-localized PKN-associated protein) (CG-NAP) (Protein hyperion) (Protein kinase A-anchoring protein 9) (PRKA9) (Protein yotiao) |
| DPYL5\_HUMAN | Dihydropyrimidinase-related protein 5 (DRP-5) (CRMP3-associated molecule) (CRAM) (Collapsin response mediator protein 5) (CRMP-5) (UNC33-like phosphoprotein 6) (ULIP-6) |
| NIPS1\_HUMAN | Protein NipSnap homolog 1 (NipSnap1) |
| CND3\_HUMAN | Condensin complex subunit 3 (Chromosome-associated protein G) (Condensin subunit CAP-G) (hCAP-G) (Melanoma antigen NY-MEL-3) (Non-SMC condensin I complex subunit G) (XCAP-G homolog) |
| ARP5L\_HUMAN | Actin-related protein 2/3 complex subunit 5-like protein (Arp2/3 complex 16 kDa subunit 2) (ARC16-2) |
| MICU1\_HUMAN | Calcium uptake protein 1, mitochondrial (Atopy-related autoantigen CALC) (ara CALC) (Calcium-binding atopy-related autoantigen 1) (allergen Hom s 4) |
| F118B\_HUMAN | Protein FAM118B |
| DDX50\_HUMAN | ATP-dependent RNA helicase DDX50 (EC 3.6.4.13) (DEAD box protein 50) (Gu-beta) (Nucleolar protein Gu2) |
| RM34\_HUMAN | 39S ribosomal protein L34, mitochondrial (L34mt) (MRP-L34) |
| CS043\_HUMAN | Uncharacterized protein C19orf43 |
| MACD1\_HUMAN | O-acetyl-ADP-ribose deacetylase MACROD1 (EC 3.2.2.-) (EC 3.5.1.-) (MACRO domain-containing protein 1) (Protein LRP16) ([Protein ADP-ribosylglutamate] hydrolase) |
| KLDC3\_HUMAN | Kelch domain-containing protein 3 (Protein Peas) (Testis intracellular mediator protein) |
| ECSIT\_HUMAN | Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial (Protein SITPEC) |
| MEP50\_HUMAN | Methylosome protein 50 (MEP-50) (Androgen receptor cofactor p44) (WD repeat-containing protein 77) (p44/Mep50) |
| CQ062\_HUMAN | Uncharacterized protein C17orf62 |
| TBA1C\_HUMAN | Tubulin alpha-1C chain (Alpha-tubulin 6) (Tubulin alpha-6 chain) |
| SELS\_HUMAN | Selenoprotein S (SelS) (VCP-interacting membrane protein) |
| APOL2\_HUMAN | Apolipoprotein L2 (Apolipoprotein L-II) (ApoL-II) |
| MBB1A\_HUMAN | Myb-binding protein 1A |
| FERM1\_HUMAN | Fermitin family homolog 1 (Kindlerin) (Kindlin syndrome protein) (Kindlin-1) (Unc-112-related protein 1) |
| FA83C\_HUMAN | Protein FAM83C |
| MGME1\_HUMAN | Mitochondrial genome maintenance exonuclease 1 (EC 3.1.-.-) |
| FYCO1\_HUMAN | FYVE and coiled-coil domain-containing protein 1 (Zinc finger FYVE domain-containing protein 7) |
| COE4\_HUMAN | Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (O/E-4) (OE-4) |
| JPH2\_HUMAN | Junctophilin-2 (JP-2) (Junctophilin type 2) |
| COR1B\_HUMAN | Coronin-1B (Coronin-2) |
| TXD17\_HUMAN | Thioredoxin domain-containing protein 17 (14 kDa thioredoxin-related protein) (TRP14) (Protein 42-9-9) (Thioredoxin-like protein 5) |
| PLCD4\_HUMAN | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4 (hPLCD4) (EC 3.1.4.11) (Phosphoinositide phospholipase C-delta-4) (Phospholipase C-delta-4) (PLC-delta-4) |
| BUD13\_HUMAN | BUD13 homolog |
| CPPED\_HUMAN | Serine/threonine-protein phosphatase CPPED1 (EC 3.1.3.16) (Calcineurin-like phosphoesterase domain-containing protein 1) (Complete S-transactivated protein 1) |
| VPS25\_HUMAN | Vacuolar protein-sorting-associated protein 25 (hVps25) (Dermal papilla-derived protein 9) (ELL-associated protein of 20 kDa) (ESCRT-II complex subunit VPS25) |
| RM45\_HUMAN | 39S ribosomal protein L45, mitochondrial (L45mt) (MRP-L45) |
| REEP2\_HUMAN | Receptor expression-enhancing protein 2 |
| WIBG\_HUMAN | Partner of Y14 and mago (Protein wibg homolog) |
| LARP6\_HUMAN | La-related protein 6 (Acheron) (Achn) (La ribonucleoprotein domain family member 6) |
| UQCC2\_HUMAN | Ubiquinol-cytochrome-c reductase complex assembly factor 2 (Breast cancer-associated protein SGA-81M) (Mitochondrial nucleoid factor 1) (Mitochondrial protein M19) |
| MIEN1\_HUMAN | Migration and invasion enhancer 1 (HBV X-transactivated gene 4 protein) (HBV XAg-transactivated protein 4) (Protein C35) |
| PELO\_HUMAN | Protein pelota homolog (EC 3.1.-.-) |
| F213A\_HUMAN | Redox-regulatory protein FAM213A (Peroxiredoxin-like 2 activated in M-CSF stimulated monocytes) (Protein PAMM) |
| ERP44\_HUMAN | Endoplasmic reticulum resident protein 44 (ER protein 44) (ERp44) (Thioredoxin domain-containing protein 4) |
| NPS3B\_HUMAN | Protein NipSnap homolog 3B (NipSnap3B) (SNAP1) |
| NTPCR\_HUMAN | Cancer-related nucleoside-triphosphatase (NTPase) (EC 3.6.1.15) (Nucleoside triphosphate phosphohydrolase) |
| SPEB\_HUMAN | Agmatinase, mitochondrial (EC 3.5.3.11) (Agmatine ureohydrolase) (AUH) |
| CS052\_HUMAN | Uncharacterized protein C19orf52 |
| BTBDA\_HUMAN | BTB/POZ domain-containing protein 10 (Glucose metabolism-related protein 1) |
| TACO1\_HUMAN | Translational activator of cytochrome c oxidase 1 (Coiled-coil domain-containing protein 44) (Translational activator of mitochondrially-encoded cytochrome c oxidase I) |
| HDHD3\_HUMAN | Haloacid dehalogenase-like hydrolase domain-containing protein 3 |
| TRI51\_HUMAN | Tripartite motif-containing protein 51 (SPRY domain-containing protein 5) |
| ESYT1\_HUMAN | Extended synaptotagmin-1 (E-Syt1) (Membrane-bound C2 domain-containing protein) |
| FEM1A\_HUMAN | Protein fem-1 homolog A (FEM1a) (FEM1-alpha) (Prostaglandin E receptor 4-associated protein) |
| UBAC1\_HUMAN | Ubiquitin-associated domain-containing protein 1 (UBA domain-containing protein 1) (E3 ubiquitin-protein ligase subunit KPC2) (Glialblastoma cell differentiation-related protein 1) (Kip1 ubiquitination-promoting complex protein 2) |
| EFC4B\_HUMAN | EF-hand calcium-binding domain-containing protein 4B (Calcium release-activated calcium channel regulator 2A) (CRAC channel regulator 2A) (Calcium release-activated channel regulator 2A) |
| CHCH5\_HUMAN | Coiled-coil-helix-coiled-coil-helix domain-containing protein 5 |
| ALKB7\_HUMAN | Alpha-ketoglutarate-dependent dioxygenase alkB homolog 7, mitochondrial (EC 1.14.11.-) (Alkylated DNA repair protein alkB homolog 7) (Spermatogenesis cell proliferation-related protein) (Spermatogenesis-associated protein 11) |
| PSMG3\_HUMAN | Proteasome assembly chaperone 3 (PAC-3) (hPAC3) |
| CSN4\_HUMAN | COP9 signalosome complex subunit 4 (SGN4) (Signalosome subunit 4) (JAB1-containing signalosome subunit 4) |
| DIDO1\_HUMAN | Death-inducer obliterator 1 (DIO-1) (hDido1) (Death-associated transcription factor 1) (DATF-1) |
| RBM42\_HUMAN | RNA-binding protein 42 (RNA-binding motif protein 42) |
| DCTN5\_HUMAN | Dynactin subunit 5 (Dynactin subunit p25) |
| AASD1\_HUMAN | Alanyl-tRNA editing protein Aarsd1 (Alanyl-tRNA synthetase domain-containing protein 1) |
| PAGR1\_HUMAN | PAXIP1-associated glutamate-rich protein 1 (PAXIP1-associated protein 1) (PTIP-associated protein 1) |
| H2AJ\_HUMAN | Histone H2A.J (H2a/j) |
| URM1\_HUMAN | Ubiquitin-related modifier 1 |
| AN32E\_HUMAN | Acidic leucine-rich nuclear phosphoprotein 32 family member E (LANP-like protein) (LANP-L) |
| TMM43\_HUMAN | Transmembrane protein 43 (Protein LUMA) |
| DHRS4\_HUMAN | Dehydrogenase/reductase SDR family member 4 (EC 1.1.1.184) (NADPH-dependent carbonyl reductase/NADP-retinol dehydrogenase) (CR) (PHCR) (NADPH-dependent retinol dehydrogenase/reductase) (NRDR) (humNRDR) (Peroxisomal short-chain alcohol dehydrogenase) (PSCD) (SCAD-SRL) (Short chain dehydrogenase/reductase family 25C member 2) (Short-chain dehydrogenase/reductase family member 4) |
| THTPA\_HUMAN | Thiamine-triphosphatase (ThTPase) (EC 3.6.1.28) |
| NDUF3\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3 |
| MKNK1\_HUMAN | MAP kinase-interacting serine/threonine-protein kinase 1 (EC 2.7.11.1) (MAP kinase signal-integrating kinase 1) (MAPK signal-integrating kinase 1) (Mnk1) |
| TMM70\_HUMAN | Transmembrane protein 70, mitochondrial |
| ISCA1\_HUMAN | Iron-sulfur cluster assembly 1 homolog, mitochondrial (HESB-like domain-containing protein 2) (Iron-sulfur assembly protein IscA) (hIscA) |
| TBB6\_HUMAN | Tubulin beta-6 chain (Tubulin beta class V) |
| PAXX\_HUMAN | Protein PAXX (Paralog of XRCC4 and XLF) |
| HNRL1\_HUMAN | Heterogeneous nuclear ribonucleoprotein U-like protein 1 (Adenovirus early region 1B-associated protein 5) (E1B-55 kDa-associated protein 5) (E1B-AP5) |
| CHCH7\_HUMAN | Coiled-coil-helix-coiled-coil-helix domain-containing protein 7 |
| PDC10\_HUMAN | Programmed cell death protein 10 (Cerebral cavernous malformations 3 protein) (TF-1 cell apoptosis-related protein 15) |
| MENT\_HUMAN | Protein MENT (Methylated in normal thymocytes protein) |
| DERL1\_HUMAN | Derlin-1 (Degradation in endoplasmic reticulum protein 1) (DERtrin-1) (Der1-like protein 1) |
| EFHD1\_HUMAN | EF-hand domain-containing protein D1 (EF-hand domain-containing protein 1) (Swiprosin-2) |
| HTAI2\_HUMAN | Oxidoreductase HTATIP2 (EC 1.1.1.-) (30 kDa HIV-1 TAT-interacting protein) (HIV-1 TAT-interactive protein 2) |
| MIC26\_HUMAN | MICOS complex subunit MIC26 (Apolipoprotein O) (MICOS complex subunit MIC23) (Protein FAM121B) |
| BDH2\_HUMAN | 3-hydroxybutyrate dehydrogenase type 2 (EC 1.1.1.-) (EC 1.1.1.30) (Dehydrogenase/reductase SDR family member 6) (Oxidoreductase UCPA) (R-beta-hydroxybutyrate dehydrogenase) (Short chain dehydrogenase/reductase family 15C member 1) |
| CT024\_HUMAN | Uncharacterized protein C20orf24 (Rab5-interacting protein) (RIP5) |
| DUS26\_HUMAN | Dual specificity protein phosphatase 26 (EC 3.1.3.16) (EC 3.1.3.48) (Dual specificity phosphatase SKRP3) (Low-molecular-mass dual-specificity phosphatase 4) (DSP-4) (LDP-4) (Mitogen-activated protein kinase phosphatase 8) (MAP kinase phosphatase 8) (MKP-8) (Novel amplified gene in thyroid anaplastic cancer) |
| MTND\_HUMAN | 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase (EC 1.13.11.54) (Acireductone dioxygenase (Fe(2+)-requiring)) (ARD) (Fe-ARD) (Membrane-type 1 matrix metalloproteinase cytoplasmic tail-binding protein 1) (MTCBP-1) (Submergence-induced protein-like factor) (Sip-L) |
| MECR\_HUMAN | Trans-2-enoyl-CoA reductase, mitochondrial (EC 1.3.1.38) (Nuclear receptor-binding factor 1) (HsNrbf-1) (NRBF-1) |
| NTM1A\_HUMAN | N-terminal Xaa-Pro-Lys N-methyltransferase 1 (EC 2.1.1.244) (Alpha N-terminal protein methyltransferase 1A) (Methyltransferase-like protein 11A) (N-terminal RCC1 methyltransferase) (X-Pro-Lys N-terminal protein methyltransferase 1A) (NTM1A) [Cleaved into: N-terminal Xaa-Pro-Lys N-methyltransferase 1, N-terminally processed] |
| TBB2B\_HUMAN | Tubulin beta-2B chain |
| LST8\_HUMAN | Target of rapamycin complex subunit LST8 (TORC subunit LST8) (G protein beta subunit-like) (Gable) (Protein GbetaL) (Mammalian lethal with SEC13 protein 8) (mLST8) |
| TM109\_HUMAN | Transmembrane protein 109 (Mitsugumin-23) (Mg23) |
| PBDC1\_HUMAN | Protein PBDC1 (Polysaccharide biosynthesis domain-containing protein 1) |
| PTSS2\_HUMAN | Phosphatidylserine synthase 2 (PSS-2) (PtdSer synthase 2) (EC 2.7.8.29) (Serine-exchange enzyme II) |
| DUS23\_HUMAN | Dual specificity protein phosphatase 23 (EC 3.1.3.16) (EC 3.1.3.48) (Low molecular mass dual specificity phosphatase 3) (LDP-3) (VH1-like phosphatase Z) |
| TMED9\_HUMAN | Transmembrane emp24 domain-containing protein 9 (GMP25) (Glycoprotein 25L2) (p24 family protein alpha-2) (p24alpha2) (p25) |
| SELO\_HUMAN | Selenoprotein O (SelO) |
| GGACT\_HUMAN | Gamma-glutamylaminecyclotransferase (GGACT) (EC 2.3.2.4) (AIG2-like domain-containing protein 1) (Gamma-glutamylamine cyclotransferase) |
| TMUB1\_HUMAN | Transmembrane and ubiquitin-like domain-containing protein 1 (Dendritic cell-derived ubiquitin-like protein) (DULP) (Hepatocyte odd protein shuttling protein) (Ubiquitin-like protein SB144) |
| TIM21\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim21 (TIM21-like protein, mitochondrial) |
| TPPP3\_HUMAN | Tubulin polymerization-promoting protein family member 3 (TPPP/p20) |
| HIRP3\_HUMAN | HIRA-interacting protein 3 |
| HIG2A\_HUMAN | HIG1 domain family member 2A, mitochondrial (RCF1 homolog B) (RCF1b) |
| IFT27\_HUMAN | Intraflagellar transport protein 27 homolog (Putative GTP-binding protein RAY-like) (Rab-like protein 4) |
| CCD94\_HUMAN | Coiled-coil domain-containing protein 94 |
| NUDT9\_HUMAN | ADP-ribose pyrophosphatase, mitochondrial (EC 3.6.1.13) (ADP-ribose diphosphatase) (ADP-ribose phosphohydrolase) (Adenosine diphosphoribose pyrophosphatase) (ADPR-PPase) (Nucleoside diphosphate-linked moiety X motif 9) (Nudix motif 9) |
| SYTM\_HUMAN | Threonine--tRNA ligase, mitochondrial (EC 6.1.1.3) (Threonyl-tRNA synthetase) (ThrRS) (Threonyl-tRNA synthetase-like 1) |
| THIC\_HUMAN | Acetyl-CoA acetyltransferase, cytosolic (EC 2.3.1.9) (Acetyl-CoA transferase-like protein) (Cytosolic acetoacetyl-CoA thiolase) |
| REPI1\_HUMAN | Replication initiator 1 (60 kDa origin-specific DNA-binding protein) (60 kDa replication initiation region protein) (ATT-binding protein) (DHFR oribeta-binding protein RIP60) (Zinc finger protein 464) |
| FUND2\_HUMAN | FUN14 domain-containing protein 2 (Cervical cancer proto-oncogene 3 protein) (HCC-3) (Hepatitis C virus core-binding protein 6) |
| SF3B5\_HUMAN | Splicing factor 3B subunit 5 (SF3b5) (Pre-mRNA-splicing factor SF3b 10 kDa subunit) |
| SFXN3\_HUMAN | Sideroflexin-3 |
| CHID1\_HUMAN | Chitinase domain-containing protein 1 (Stabilin-1-interacting chitinase-like protein) (SI-CLP) |
| NADAP\_HUMAN | Kanadaptin (Human lung cancer oncogene 3 protein) (HLC-3) (Kidney anion exchanger adapter protein) (Solute carrier family 4 anion exchanger member 1 adapter protein) |
| CDAC1\_HUMAN | Cytidine and dCMP deaminase domain-containing protein 1 (Testis development protein NYD-SP15) |
| APOL5\_HUMAN | Apolipoprotein L5 (Apolipoprotein L-V) (ApoL-V) |
| SYCP2\_HUMAN | Synaptonemal complex protein 2 (SCP-2) (Synaptonemal complex lateral element protein) (hsSCP2) |
| LS14B\_HUMAN | Protein LSM14 homolog B (Protein FAM61B) (RNA-associated protein 55B) (hRAP55B) |
| RBM24\_HUMAN | RNA-binding protein 24 (RNA-binding motif protein 24) (RNA-binding region-containing protein 6) |
| SRBS1\_HUMAN | Sorbin and SH3 domain-containing protein 1 (Ponsin) (SH3 domain protein 5) (SH3P12) (c-Cbl-associated protein) (CAP) |
| JAM3\_HUMAN | Junctional adhesion molecule C (JAM-C) (JAM-2) (Junctional adhesion molecule 3) (JAM-3) |
| HINT2\_HUMAN | Histidine triad nucleotide-binding protein 2, mitochondrial (HINT-2) (EC 3.-.-.-) (HINT-3) (HIT-17kDa) (PKCI-1-related HIT protein) |
| PLVAP\_HUMAN | Plasmalemma vesicle-associated protein (Fenestrated endothelial-linked structure protein) (Plasmalemma vesicle protein 1) (PV-1) |
| OSB11\_HUMAN | Oxysterol-binding protein-related protein 11 (ORP-11) (OSBP-related protein 11) |
| CECR2\_HUMAN | Cat eye syndrome critical region protein 2 |
| BBC3\_HUMAN | Bcl-2-binding component 3 (JFY-1) (p53 up-regulated modulator of apoptosis) |
| 5NT1A\_HUMAN | Cytosolic 5'-nucleotidase 1A (cN1A) (EC 3.1.3.5) (Cytosolic 5'-nucleotidase IA) (cN-I) (cN-IA) |
| T120A\_HUMAN | Transmembrane protein 120A (Transmembrane protein induced by tumor necrosis factor alpha) |
| NAA15\_HUMAN | N-alpha-acetyltransferase 15, NatA auxiliary subunit (Gastric cancer antigen Ga19) (N-terminal acetyltransferase) (NMDA receptor-regulated protein 1) (Protein tubedown-1) (Tbdn100) |
| B2L13\_HUMAN | Bcl-2-like protein 13 (Bcl2-L-13) (Bcl-rambo) (Protein Mil1) |
| ASPN\_HUMAN | Asporin (Periodontal ligament-associated protein 1) (PLAP-1) |
| CLC7A\_HUMAN | C-type lectin domain family 7 member A (Beta-glucan receptor) (C-type lectin superfamily member 12) (Dendritic cell-associated C-type lectin 1) (DC-associated C-type lectin 1) (Dectin-1) |
| SRRT\_HUMAN | Serrate RNA effector molecule homolog (Arsenite-resistance protein 2) |
| PAPP2\_HUMAN | Pappalysin-2 (EC 3.4.24.-) (Pregnancy-associated plasma protein A2) (PAPP-A2) (Pregnancy-associated plasma protein E1) (PAPP-E) |
| IDI2\_HUMAN | Isopentenyl-diphosphate delta-isomerase 2 (EC 5.3.3.2) (Isopentenyl pyrophosphate isomerase 2) (IPP isomerase 2) (IPPI2) |
| AP1M1\_HUMAN | AP-1 complex subunit mu-1 (AP-mu chain family member mu1A) (Adaptor protein complex AP-1 subunit mu-1) (Adaptor-related protein complex 1 subunit mu-1) (Clathrin assembly protein complex 1 mu-1 medium chain 1) (Clathrin coat assembly protein AP47) (Clathrin coat-associated protein AP47) (Golgi adaptor HA1/AP1 adaptin mu-1 subunit) (Mu-adaptin 1) (Mu1A-adaptin) |
| OSBL1\_HUMAN | Oxysterol-binding protein-related protein 1 (ORP-1) (OSBP-related protein 1) |
| CECR5\_HUMAN | Cat eye syndrome critical region protein 5 |
| RSPO3\_HUMAN | R-spondin-3 (Protein with TSP type-1 repeat) (hPWTSR) (Roof plate-specific spondin-3) (hRspo3) (Thrombospondin type-1 domain-containing protein 2) |
| ITPA\_HUMAN | Inosine triphosphate pyrophosphatase (ITPase) (Inosine triphosphatase) (EC 3.6.1.19) (Non-canonical purine NTP pyrophosphatase) (Non-standard purine NTP pyrophosphatase) (Nucleoside-triphosphate diphosphatase) (Nucleoside-triphosphate pyrophosphatase) (NTPase) (Putative oncogene protein hlc14-06-p) |
| CHM4A\_HUMAN | Charged multivesicular body protein 4a (Chromatin-modifying protein 4a) (CHMP4a) (SNF7 homolog associated with Alix-2) (SNF7-1) (hSnf-1) (Vacuolar protein sorting-associated protein 32-1) (Vps32-1) (hVps32-1) |
| EIF2A\_HUMAN | Eukaryotic translation initiation factor 2A (eIF-2A) (65 kDa eukaryotic translation initiation factor 2A) [Cleaved into: Eukaryotic translation initiation factor 2A, N-terminally processed] |
| K1671\_HUMAN | Uncharacterized protein KIAA1671 |
| SHAN3\_HUMAN | SH3 and multiple ankyrin repeat domains protein 3 (Shank3) (Proline-rich synapse-associated protein 2) (ProSAP2) |
| FUT8\_HUMAN | Alpha-(1,6)-fucosyltransferase (Alpha1-6FucT) (EC 2.4.1.68) (Fucosyltransferase 8) (GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1,6-fucosyltransferase) (GDP-fucose--glycoprotein fucosyltransferase) (Glycoprotein 6-alpha-L-fucosyltransferase) |
| RM32\_HUMAN | 39S ribosomal protein L32, mitochondrial (L32mt) (MRP-L32) |
| RM20\_HUMAN | 39S ribosomal protein L20, mitochondrial (L20mt) (MRP-L20) |
| RM13\_HUMAN | 39S ribosomal protein L13, mitochondrial (L13mt) (MRP-L13) |
| RM09\_HUMAN | 39S ribosomal protein L9, mitochondrial (L9mt) (MRP-L9) |
| RM04\_HUMAN | 39S ribosomal protein L4, mitochondrial (L4mt) (MRP-L4) |
| RM01\_HUMAN | 39S ribosomal protein L1, mitochondrial (L1mt) (MRP-L1) |
| TMPSD\_HUMAN | Transmembrane protease serine 13 (EC 3.4.21.-) (Membrane-type mosaic serine protease) (Mosaic serine protease) |
| ACE2\_HUMAN | Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptidase) (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT15) [Cleaved into: Processed angiotensin-converting enzyme 2] |
| GSDMC\_HUMAN | Gasdermin-C (Melanoma-derived leucine zipper-containing extranuclear factor) |
| YTHD1\_HUMAN | YTH domain-containing family protein 1 (Dermatomyositis associated with cancer putative autoantigen 1) (DACA-1) |
| HELZ2\_HUMAN | Helicase with zinc finger domain 2 (ATP-dependent helicase PRIC285) (Helicase with zinc finger 2, transcriptional coactivator) (PPAR-alpha-interacting complex protein 285) (PPAR-gamma DNA-binding domain-interacting protein 1) (PDIP1) (PPAR-gamma DBD-interacting protein 1) (Peroxisomal proliferator-activated receptor A-interacting complex 285 kDa protein) (EC 3.6.4.-) |
| HOIL1\_HUMAN | RanBP-type and C3HC4-type zinc finger-containing protein 1 (EC 6.3.2.-) (HBV-associated factor 4) (Heme-oxidized IRP2 ubiquitin ligase 1) (HOIL-1) (Hepatitis B virus X-associated protein 4) (RING finger protein 54) (Ubiquitin-conjugating enzyme 7-interacting protein 3) |
| RT26\_HUMAN | 28S ribosomal protein S26, mitochondrial (MRP-S26) (S26mt) (28S ribosomal protein S13, mitochondrial) (MRP-S13) (S13mt) |
| LRRC2\_HUMAN | Leucine-rich repeat-containing protein 2 |
| NEUL\_HUMAN | Neurolysin, mitochondrial (EC 3.4.24.16) (Angiotensin-binding protein) (Microsomal endopeptidase) (MEP) (Mitochondrial oligopeptidase M) (Neurotensin endopeptidase) |
| TRI54\_HUMAN | Tripartite motif-containing protein 54 (Muscle-specific RING finger protein) (MuRF) (Muscle-specific RING finger protein 3) (MuRF-3) (MuRF3) (RING finger protein 30) |
| TRI55\_HUMAN | Tripartite motif-containing protein 55 (Muscle-specific RING finger protein 2) (MuRF-2) (MuRF2) (RING finger protein 29) |
| BCDO2\_HUMAN | Beta,beta-carotene 9',10'-oxygenase (EC 1.13.11.71) (B-diox-II) (Beta-carotene dioxygenase 2) |
| CEP41\_HUMAN | Centrosomal protein of 41 kDa (Cep41) (Testis-specific gene A14 protein) |
| TBD2A\_HUMAN | TBC1 domain family member 2A (Armus) (Prostate antigen recognized and identified by SEREX 1) (PARIS-1) |
| ACTBM\_HUMAN | Putative beta-actin-like protein 3 (Kappa-actin) (POTE ankyrin domain family member K) |
| LDH6B\_HUMAN | L-lactate dehydrogenase A-like 6B (EC 1.1.1.27) |
| GCOM2\_HUMAN | Putative GRINL1B complex locus protein 2 (Glutamate receptor-like protein 1B) |
| RM37\_HUMAN | 39S ribosomal protein L37, mitochondrial (L37mt) (MRP-L37) (39S ribosomal protein L2, mitochondrial) (L2mt) (MRP-L2) |
| OSBL6\_HUMAN | Oxysterol-binding protein-related protein 6 (ORP-6) (OSBP-related protein 6) |
| UACA\_HUMAN | Uveal autoantigen with coiled-coil domains and ankyrin repeats |
| UBL5\_HUMAN | Ubiquitin-like protein 5 |
| PG12A\_HUMAN | Group XIIA secretory phospholipase A2 (GXII sPLA2) (sPLA2-XII) (EC 3.1.1.4) (Phosphatidylcholine 2-acylhydrolase 12A) |
| NIBAN\_HUMAN | Protein Niban (Cell growth-inhibiting gene 39 protein) (Protein FAM129A) |
| B2L14\_HUMAN | Apoptosis facilitator Bcl-2-like protein 14 (Bcl2-L-14) (Apoptosis regulator Bcl-G) |
| UBXN6\_HUMAN | UBX domain-containing protein 6 (UBX domain-containing protein 1) |
| SN\_HUMAN | Sialoadhesin (Sialic acid-binding Ig-like lectin 1) (Siglec-1) (CD antigen CD169) |
| API5\_HUMAN | Apoptosis inhibitor 5 (API-5) (Antiapoptosis clone 11 protein) (AAC-11) (Cell migration-inducing gene 8 protein) (Fibroblast growth factor 2-interacting factor) (FIF) (Protein XAGL) |
| TRIM7\_HUMAN | Tripartite motif-containing protein 7 (Glycogenin-interacting protein) (RING finger protein 90) |
| LRCC1\_HUMAN | Leucine-rich repeat and coiled-coil domain-containing protein 1 (Centrosomal leucine-rich repeat and coiled-coil domain-containing protein) |
| TB182\_HUMAN | 182 kDa tankyrase-1-binding protein |
| UBE2O\_HUMAN | (E3-independent) E2 ubiquitin-conjugating enzyme (EC 2.3.2.24) (E2/E3 hybrid ubiquitin-protein ligase UBE2O) (Ubiquitin carrier protein O) (Ubiquitin-conjugating enzyme E2 O) (Ubiquitin-conjugating enzyme E2 of 230 kDa) (Ubiquitin-conjugating enzyme E2-230K) (Ubiquitin-protein ligase O) |
| ZY11B\_HUMAN | Protein zyg-11 homolog B |
| TANC1\_HUMAN | Protein TANC1 (Tetratricopeptide repeat, ankyrin repeat and coiled-coil domain-containing protein 1) |
| FHDC1\_HUMAN | FH2 domain-containing protein 1 |
| ZC12C\_HUMAN | Probable ribonuclease ZC3H12C (EC 3.1.-.-) (MCP-induced protein 3) (Zinc finger CCCH domain-containing protein 12C) |
| XPO4\_HUMAN | Exportin-4 (Exp4) |
| LNP\_HUMAN | Protein lunapark |
| BHE41\_HUMAN | Class E basic helix-loop-helix protein 41 (bHLHe41) (Class B basic helix-loop-helix protein 3) (bHLHb3) (Differentially expressed in chondrocytes protein 2) (hDEC2) (Enhancer-of-split and hairy-related protein 1) (SHARP-1) |
| TINAL\_HUMAN | Tubulointerstitial nephritis antigen-like (Glucocorticoid-inducible protein 5) (Oxidized LDL-responsive gene 2 protein) (OLRG-2) (Tubulointerstitial nephritis antigen-related protein) (TIN Ag-related protein) (TIN-Ag-RP) |
| CT027\_HUMAN | UPF0687 protein C20orf27 |
| PITH1\_HUMAN | PITH domain-containing protein 1 |
| DDX24\_HUMAN | ATP-dependent RNA helicase DDX24 (EC 3.6.4.13) (DEAD box protein 24) |
| WDR61\_HUMAN | WD repeat-containing protein 61 (Meiotic recombination REC14 protein homolog) (SKI8 homolog) (Ski8) [Cleaved into: WD repeat-containing protein 61, N-terminally processed] |
| SLIRP\_HUMAN | SRA stem-loop-interacting RNA-binding protein, mitochondrial |
| NIF3L\_HUMAN | NIF3-like protein 1 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 1 protein) |
| EGLN1\_HUMAN | Egl nine homolog 1 (EC 1.14.11.29) (Hypoxia-inducible factor prolyl hydroxylase 2) (HIF-PH2) (HIF-prolyl hydroxylase 2) (HPH-2) (Prolyl hydroxylase domain-containing protein 2) (PHD2) (SM-20) |
| PEG3\_HUMAN | Paternally-expressed gene 3 protein (Zinc finger and SCAN domain-containing protein 24) |
| F192A\_HUMAN | Protein FAM192A (NEFA-interacting nuclear protein NIP30) |
| ANKR2\_HUMAN | Ankyrin repeat domain-containing protein 2 (Skeletal muscle ankyrin repeat protein) (hArpp) |
| COA1\_HUMAN | Cytochrome c oxidase assembly factor 1 homolog (Mitochondrial translation regulation assembly intermediate of cytochrome c oxidase protein of 15 kDa) |
| MFF\_HUMAN | Mitochondrial fission factor |
| NAA50\_HUMAN | N-alpha-acetyltransferase 50 (EC 2.3.1.-) (N-acetyltransferase 13) (N-acetyltransferase 5) (hNAT5) (N-acetyltransferase san homolog) (hSAN) (NatE catalytic subunit) |
| LHPP\_HUMAN | Phospholysine phosphohistidine inorganic pyrophosphate phosphatase (hLHPP) (EC 3.1.3.-) (EC 3.6.1.1) |
| NACA2\_HUMAN | Nascent polypeptide-associated complex subunit alpha-2 (Alpha-NAC-like) (Hom s 2.01) (Nascent polypeptide-associated complex subunit alpha-like) (NAC-alpha-like) |
| MFR1L\_HUMAN | Mitochondrial fission regulator 1-like |
| T126A\_HUMAN | Transmembrane protein 126A |
| PAIP1\_HUMAN | Polyadenylate-binding protein-interacting protein 1 (PABP-interacting protein 1) (PAIP-1) (Poly(A)-binding protein-interacting protein 1) |
| CLPB\_HUMAN | Caseinolytic peptidase B protein homolog (EC 3.6.1.3) (Suppressor of potassium transport defect 3) |
| RB33B\_HUMAN | Ras-related protein Rab-33B |
| COMD4\_HUMAN | COMM domain-containing protein 4 |
| KLC2\_HUMAN | Kinesin light chain 2 (KLC 2) |
| ILKAP\_HUMAN | Integrin-linked kinase-associated serine/threonine phosphatase 2C (ILKAP) (EC 3.1.3.16) |
| XRN2\_HUMAN | 5'-3' exoribonuclease 2 (EC 3.1.13.-) (DHM1-like protein) (DHP protein) |
| TOLIP\_HUMAN | Toll-interacting protein |
| NSRP1\_HUMAN | Nuclear speckle splicing regulatory protein 1 (Coiled-coil domain-containing protein 55) (Nuclear speckle-related protein 70) (NSrp70) |
| KLH25\_HUMAN | Kelch-like protein 25 (Ectoderm-neural cortex protein 2) (ENC-2) |
| QRIC2\_HUMAN | Glutamine-rich protein 2 |
| WWP1\_HUMAN | NEDD4-like E3 ubiquitin-protein ligase WWP1 (EC 6.3.2.-) (Atrophin-1-interacting protein 5) (AIP5) (TGIF-interacting ubiquitin ligase 1) (Tiul1) (WW domain-containing protein 1) |
| PHS2\_HUMAN | Pterin-4-alpha-carbinolamine dehydratase 2 (PHS 2) (EC 4.2.1.96) (4-alpha-hydroxy-tetrahydropterin dehydratase 2) (DcoH-like protein DCoHm) (Dimerization cofactor of hepatocyte nuclear factor 1 from muscle) (HNF-1-alpha dimerization cofactor) |
| 5NT3A\_HUMAN | Cytosolic 5'-nucleotidase 3A (EC 3.1.3.5) (Cytosolic 5'-nucleotidase 3) (Cytosolic 5'-nucleotidase III) (cN-III) (Pyrimidine 5'-nucleotidase 1) (P5'N-1) (P5N-1) (PN-I) (Uridine 5'-monophosphate hydrolase 1) (p36) |
| FA49A\_HUMAN | Protein FAM49A |
| HDHD2\_HUMAN | Haloacid dehalogenase-like hydrolase domain-containing protein 2 |
| MAGT1\_HUMAN | Magnesium transporter protein 1 (MagT1) (Implantation-associated protein) (IAP) |
| RAB1B\_HUMAN | Ras-related protein Rab-1B |
| RM18\_HUMAN | 39S ribosomal protein L18, mitochondrial (L18mt) (MRP-L18) |
| SMG9\_HUMAN | Protein SMG9 (Protein smg-9 homolog) |
| CK054\_HUMAN | Ester hydrolase C11orf54 (EC 3.1.-.-) |
| RBM38\_HUMAN | RNA-binding protein 38 (CLL-associated antigen KW-5) (HSRNASEB) (RNA-binding motif protein 38) (RNA-binding region-containing protein 1) (ssDNA-binding protein SEB4) |
| I2BPL\_HUMAN | Interferon regulatory factor 2-binding protein-like (Enhanced at puberty protein 1) |
| CYTM1\_HUMAN | Cysteine-rich and transmembrane domain-containing protein 1 |
| NUCKS\_HUMAN | Nuclear ubiquitous casein and cyclin-dependent kinase substrate 1 (P1) |
| TMX4\_HUMAN | Thioredoxin-related transmembrane protein 4 (Thioredoxin domain-containing protein 13) |
| KI13A\_HUMAN | Kinesin-like protein KIF13A (Kinesin-like protein RBKIN) |
| RBNS5\_HUMAN | Rabenosyn-5 (110 kDa protein) (FYVE finger-containing Rab5 effector protein rabenosyn-5) (RAB effector RBSN) (Zinc finger FYVE domain-containing protein 20) |
| ISCU\_HUMAN | Iron-sulfur cluster assembly enzyme ISCU, mitochondrial (NifU-like N-terminal domain-containing protein) (NifU-like protein) |
| MYLK2\_HUMAN | Myosin light chain kinase 2, skeletal/cardiac muscle (MLCK2) (EC 2.7.11.18) |
| WDR13\_HUMAN | WD repeat-containing protein 13 |
| EHD4\_HUMAN | EH domain-containing protein 4 (Hepatocellular carcinoma-associated protein 10/11) (PAST homolog 4) |
| MMP28\_HUMAN | Matrix metalloproteinase-28 (MMP-28) (EC 3.4.24.-) (Epilysin) |
| VPS16\_HUMAN | Vacuolar protein sorting-associated protein 16 homolog (hVPS16) |
| SH3L3\_HUMAN | SH3 domain-binding glutamic acid-rich-like protein 3 (SH3 domain-binding protein 1) (SH3BP-1) |
| TARA\_HUMAN | TRIO and F-actin-binding protein (Protein Tara) (Trio-associated repeat on actin) |
| SLK\_HUMAN | STE20-like serine/threonine-protein kinase (STE20-like kinase) (hSLK) (EC 2.7.11.1) (CTCL tumor antigen se20-9) (STE20-related serine/threonine-protein kinase) (STE20-related kinase) (Serine/threonine-protein kinase 2) |
| PPIL3\_HUMAN | Peptidyl-prolyl cis-trans isomerase-like 3 (PPIase) (EC 5.2.1.8) (Cyclophilin J) (CyPJ) (Cyclophilin-like protein PPIL3) (Rotamase PPIL3) |
| PDCL3\_HUMAN | Phosducin-like protein 3 (HTPHLP) (PhPL3) (Viral IAP-associated factor 1) (VIAF-1) |
| IF3M\_HUMAN | Translation initiation factor IF-3, mitochondrial (IF-3(Mt)) (IF-3Mt) (IF3(mt)) (IF3mt) |
| TAOK3\_HUMAN | Serine/threonine-protein kinase TAO3 (EC 2.7.11.1) (Cutaneous T-cell lymphoma-associated antigen HD-CL-09) (CTCL-associated antigen HD-CL-09) (Dendritic cell-derived protein kinase) (JNK/SAPK-inhibitory kinase) (Jun kinase-inhibitory kinase) (Kinase from chicken homolog A) (hKFC-A) (Thousand and one amino acid protein 3) |
| RBGPR\_HUMAN | Rab3 GTPase-activating protein non-catalytic subunit (RGAP-iso) (Rab3 GTPase-activating protein 150 kDa subunit) (Rab3-GAP p150) (Rab3-GAP150) (Rab3-GAP regulatory subunit) |
| ADNP\_HUMAN | Activity-dependent neuroprotector homeobox protein (Activity-dependent neuroprotective protein) |
| DHX36\_HUMAN | ATP-dependent RNA helicase DHX36 (EC 3.6.4.12) (EC 3.6.4.13) (DEAH box protein 36) (G4-resolvase 1) (G4R1) (MLE-like protein 1) (RNA helicase associated with AU-rich element ARE) |
| IPYR2\_HUMAN | Inorganic pyrophosphatase 2, mitochondrial (EC 3.6.1.1) (Pyrophosphatase SID6-306) (Pyrophosphate phospho-hydrolase 2) (PPase 2) |
| RM46\_HUMAN | 39S ribosomal protein L46, mitochondrial (L46mt) (MRP-L46) (P2ECSL) |
| ZN106\_HUMAN | Zinc finger protein 106 (Zfp-106) (Zinc finger protein 474) |
| PARL\_HUMAN | Presenilins-associated rhomboid-like protein, mitochondrial (EC 3.4.21.105) (Mitochondrial intramembrane cleaving protease PARL) [Cleaved into: P-beta (Pbeta)] |
| PININ\_HUMAN | Pinin (140 kDa nuclear and cell adhesion-related phosphoprotein) (Desmosome-associated protein) (Domain-rich serine protein) (DRS protein) (DRSP) (Melanoma metastasis clone A protein) (Nuclear protein SDK3) (SR-like protein) |
| TM245\_HUMAN | Transmembrane protein 245 (Protein CG-2) |
| CK068\_HUMAN | UPF0696 protein C11orf68 (Basophilic leukemia-expressed protein Bles03) (Protein p5326) |
| GPT\_HUMAN | UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminephosphotransferase (EC 2.7.8.15) (GlcNAc-1-P transferase) (G1PT) (GPT) (N-acetylglucosamine-1-phosphate transferase) |
| GHITM\_HUMAN | Growth hormone-inducible transmembrane protein (Dermal papilla-derived protein 2) (Mitochondrial morphology and cristae structure 1) (MICS1) (Transmembrane BAX inhibitor motif-containing protein 5) |
| BOLA2\_HUMAN | BolA-like protein 2 |
| TMX1\_HUMAN | Thioredoxin-related transmembrane protein 1 (Thioredoxin domain-containing protein 1) (Transmembrane Trx-related protein) |
| GCP60\_HUMAN | Golgi resident protein GCP60 (Acyl-CoA-binding domain-containing protein 3) (Golgi complex-associated protein 1) (GOCAP1) (Golgi phosphoprotein 1) (GOLPH1) (PBR- and PKA-associated protein 7) (Peripheral benzodiazepine receptor-associated protein PAP7) |
| PTN23\_HUMAN | Tyrosine-protein phosphatase non-receptor type 23 (EC 3.1.3.48) (His domain-containing protein tyrosine phosphatase) (HD-PTP) (Protein tyrosine phosphatase TD14) (PTP-TD14) |
| DNJC5\_HUMAN | DnaJ homolog subfamily C member 5 (Cysteine string protein) (CSP) |
| CA198\_HUMAN | Uncharacterized protein C1orf198 |
| CHM4B\_HUMAN | Charged multivesicular body protein 4b (Chromatin-modifying protein 4b) (CHMP4b) (SNF7 homolog associated with Alix 1) (SNF7-2) (hSnf7-2) (Vacuolar protein sorting-associated protein 32-2) (Vps32-2) (hVps32-2) |
| RWDD1\_HUMAN | RWD domain-containing protein 1 (DRG family-regulatory protein 2) |
| RBSK\_HUMAN | Ribokinase (EC 2.7.1.15) |
| FN3K\_HUMAN | Fructosamine-3-kinase (EC 2.7.1.-) |
| MLP3A\_HUMAN | Microtubule-associated proteins 1A/1B light chain 3A (Autophagy-related protein LC3 A) (Autophagy-related ubiquitin-like modifier LC3 A) (MAP1 light chain 3-like protein 1) (MAP1A/MAP1B light chain 3 A) (MAP1A/MAP1B LC3 A) (Microtubule-associated protein 1 light chain 3 alpha) |
| WNK1\_HUMAN | Serine/threonine-protein kinase WNK1 (EC 2.7.11.1) (Erythrocyte 65 kDa protein) (p65) (Kinase deficient protein) (Protein kinase lysine-deficient 1) (Protein kinase with no lysine 1) (hWNK1) |
| AMPB\_HUMAN | Aminopeptidase B (AP-B) (EC 3.4.11.6) (Arginine aminopeptidase) (Arginyl aminopeptidase) |
| GOLP3\_HUMAN | Golgi phosphoprotein 3 (Coat protein GPP34) (Mitochondrial DNA absence factor) (MIDAS) |
| TBB1\_HUMAN | Tubulin beta-1 chain |
| CSTN2\_HUMAN | Calsyntenin-2 (Alcadein-gamma) (Alc-gamma) |
| E41L1\_HUMAN | Band 4.1-like protein 1 (Neuronal protein 4.1) (4.1N) |
| GAPR1\_HUMAN | Golgi-associated plant pathogenesis-related protein 1 (GAPR-1) (Golgi-associated PR-1 protein) (Glioma pathogenesis-related protein 2) (GliPR 2) |
| FA83D\_HUMAN | Protein FAM83D (Spindle protein CHICA) |
| EMRE\_HUMAN | Essential MCU regulator, mitochondrial (Single-pass membrane protein with aspartate-rich tail 1, mitochondrial) |
| SENP3\_HUMAN | Sentrin-specific protease 3 (EC 3.4.22.68) (SUMO-1-specific protease 3) (Sentrin/SUMO-specific protease SENP3) |
| OSBL3\_HUMAN | Oxysterol-binding protein-related protein 3 (ORP-3) (OSBP-related protein 3) |
| EHD1\_HUMAN | EH domain-containing protein 1 (PAST homolog 1) (hPAST1) (Testilin) |
| RGCC\_HUMAN | Regulator of cell cycle RGCC (Response gene to complement 32 protein) (RGC-32) |
| PCIF1\_HUMAN | Phosphorylated CTD-interacting factor 1 |
| ESF1\_HUMAN | ESF1 homolog (ABT1-associated protein) |
| BAFL\_HUMAN | Barrier-to-autointegration factor-like protein (BAF-L) (Barrier-to-autointegration factor 2) |
| KLH31\_HUMAN | Kelch-like protein 31 (BTB and kelch domain-containing protein 6) (Kelch repeat and BTB domain-containing protein 1) (Kelch-like protein KLHL) |
| HEAT1\_HUMAN | HEAT repeat-containing protein 1 (Protein BAP28) [Cleaved into: HEAT repeat-containing protein 1, N-terminally processed] |
| ZN768\_HUMAN | Zinc finger protein 768 |
| PDZD7\_HUMAN | PDZ domain-containing protein 7 |
| CC134\_HUMAN | Coiled-coil domain-containing protein 134 |
| TM38A\_HUMAN | Trimeric intracellular cation channel type A (TRIC-A) (TRICA) (Transmembrane protein 38A) |
| CCD86\_HUMAN | Coiled-coil domain-containing protein 86 (Cytokine-induced protein with coiled-coil domain) |
| OPA3\_HUMAN | Optic atrophy 3 protein |
| TM231\_HUMAN | Transmembrane protein 231 |
| ARMC7\_HUMAN | Armadillo repeat-containing protein 7 |
| F134B\_HUMAN | Reticulophagy receptor FAM134B |
| NARFL\_HUMAN | Cytosolic Fe-S cluster assembly factor NARFL (Iron-only hydrogenase-like protein 1) (IOP1) (Nuclear prelamin A recognition factor-like protein) (Protein related to Narf) |
| DHX33\_HUMAN | Putative ATP-dependent RNA helicase DHX33 (EC 3.6.4.13) (DEAH box protein 33) |
| BCAS3\_HUMAN | Breast carcinoma-amplified sequence 3 (GAOB1) |
| ALG9\_HUMAN | Alpha-1,2-mannosyltransferase ALG9 (EC 2.4.1.259) (EC 2.4.1.261) (Asparagine-linked glycosylation protein 9 homolog) (Disrupted in bipolar disorder protein 1) (Dol-P-Man:Man(6)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase) (Dol-P-Man:Man(8)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase) |
| RANB3\_HUMAN | Ran-binding protein 3 (RanBP3) |
| DCTP1\_HUMAN | dCTP pyrophosphatase 1 (EC 3.6.1.12) (Deoxycytidine-triphosphatase 1) (dCTPase 1) (RS21C6) (XTP3-transactivated gene A protein) |
| CE042\_HUMAN | Uncharacterized protein C5orf42 |
| RPF2\_HUMAN | Ribosome production factor 2 homolog (Brix domain-containing protein 1) (Ribosome biogenesis protein RPF2 homolog) |
| SYNCI\_HUMAN | Syncoilin (Syncoilin intermediate filament 1) (Syncoilin-1) |
| AAMDC\_HUMAN | Mth938 domain-containing protein (Adipogenesis associated Mth938 domain-containing protein) |
| DOCK5\_HUMAN | Dedicator of cytokinesis protein 5 |
| PPR3E\_HUMAN | Protein phosphatase 1 regulatory subunit 3E |
| SDS3\_HUMAN | Sin3 histone deacetylase corepressor complex component SDS3 (45 kDa Sin3-associated polypeptide) (Suppressor of defective silencing 3 protein homolog) |
| SFR19\_HUMAN | Splicing factor, arginine/serine-rich 19 (SR-related and CTD-associated factor 1) (SR-related-CTD-associated factor) (SCAF) (Serine arginine-rich pre-mRNA splicing factor SR-A1) (SR-A1) |
| ZN696\_HUMAN | Zinc finger protein 696 |
| KAT8\_HUMAN | Histone acetyltransferase KAT8 (EC 2.3.1.48) (Lysine acetyltransferase 8) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 1) (MYST-1) (hMOF) |
| PGES2\_HUMAN | Prostaglandin E synthase 2 (Membrane-associated prostaglandin E synthase-2) (mPGE synthase-2) (Microsomal prostaglandin E synthase 2) (mPGES-2) (Prostaglandin-H(2) E-isomerase) (EC 5.3.99.3) [Cleaved into: Prostaglandin E synthase 2 truncated form] |
| ACAD9\_HUMAN | Acyl-CoA dehydrogenase family member 9, mitochondrial (ACAD-9) (EC 1.3.99.-) |
| TBA4B\_HUMAN | Putative tubulin-like protein alpha-4B (Alpha-tubulin 4B) |
| DDX31\_HUMAN | Probable ATP-dependent RNA helicase DDX31 (EC 3.6.4.13) (DEAD box protein 31) (Helicain) |
| MET7A\_HUMAN | Methyltransferase-like protein 7A (EC 2.1.1.-) (Protein AAM-B) |
| MMRN2\_HUMAN | Multimerin-2 (EMILIN-3) (Elastin microfibril interface located protein 3) (Elastin microfibril interfacer 3) (EndoGlyx-1 p125/p140 subunit) |
| CQ10B\_HUMAN | Coenzyme Q-binding protein COQ10 homolog B, mitochondrial |
| MOB1A\_HUMAN | MOB kinase activator 1A (Mob1 alpha) (Mob1A) (Mob1 homolog 1B) (Mps one binder kinase activator-like 1B) |
| PKHF2\_HUMAN | Pleckstrin homology domain-containing family F member 2 (PH domain-containing family F member 2) (Endoplasmic reticulum-associated apoptosis-involved protein containing PH and FYVE domains) (EAPF) (PH and FYVE domain-containing protein 2) (Phafin-2) (Phafin2) (Zinc finger FYVE domain-containing protein 18) |
| GORS2\_HUMAN | Golgi reassembly-stacking protein 2 (GRS2) (Golgi phosphoprotein 6) (GOLPH6) (Golgi reassembly-stacking protein of 55 kDa) (GRASP55) (p59) |
| REEP1\_HUMAN | Receptor expression-enhancing protein 1 |
| HN1L\_HUMAN | Hematological and neurological expressed 1-like protein (HN1-like protein) |
| SYP2L\_HUMAN | Synaptopodin 2-like protein |
| ARMT1\_HUMAN | Protein-glutamate O-methyltransferase (EC 2.1.1.-) (Acidic residue methyltransferase 1) |
| CNO10\_HUMAN | CCR4-NOT transcription complex subunit 10 |
| LRC40\_HUMAN | Leucine-rich repeat-containing protein 40 |
| SFXN1\_HUMAN | Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) |
| AGO3\_HUMAN | Protein argonaute-3 (Argonaute3) (hAgo3) (Argonaute RISC catalytic component 3) (Eukaryotic translation initiation factor 2C 3) (eIF-2C 3) (eIF2C 3) |
| RM44\_HUMAN | 39S ribosomal protein L44, mitochondrial (L44mt) (MRP-L44) (EC 3.1.26.-) |
| L2HDH\_HUMAN | L-2-hydroxyglutarate dehydrogenase, mitochondrial (EC 1.1.99.2) (Duranin) |
| CSN7B\_HUMAN | COP9 signalosome complex subunit 7b (SGN7b) (Signalosome subunit 7b) (JAB1-containing signalosome subunit 7b) |
| NHEJ1\_HUMAN | Non-homologous end-joining factor 1 (Protein cernunnos) (XRCC4-like factor) |
| KT3K\_HUMAN | Ketosamine-3-kinase (EC 2.7.1.-) (Fructosamine-3-kinase-related protein) (FN3K-RP) (FN3K-related protein) |
| TBC17\_HUMAN | TBC1 domain family member 17 |
| SYCM\_HUMAN | Probable cysteine--tRNA ligase, mitochondrial (EC 6.1.1.16) (Cysteinyl-tRNA synthetase) (CysRS) |
| PPCS\_HUMAN | Phosphopantothenate--cysteine ligase (EC 6.3.2.5) (Phosphopantothenoylcysteine synthetase) (PPC synthetase) |
| SUCHY\_HUMAN | Succinate--hydroxymethylglutarate CoA-transferase (EC 2.8.3.13) (Dermal papilla-derived protein 13) (SuccinylCoA:glutarate-CoA transferase) |
| NMNA1\_HUMAN | Nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1 (NMN/NaMN adenylyltransferase 1) (EC 2.7.7.1) (EC 2.7.7.18) (Nicotinamide-nucleotide adenylyltransferase 1) (NMN adenylyltransferase 1) (Nicotinate-nucleotide adenylyltransferase 1) (NaMN adenylyltransferase 1) |
| MLXIP\_HUMAN | MLX-interacting protein (Class E basic helix-loop-helix protein 36) (bHLHe36) (Transcriptional activator MondoA) |
| LIN7B\_HUMAN | Protein lin-7 homolog B (Lin-7B) (hLin7B) (Mammalian lin-seven protein 2) (MALS-2) (Vertebrate lin-7 homolog 2) (Veli-2) (hVeli2) |
| SIAE\_HUMAN | Sialate O-acetylesterase (EC 3.1.1.53) (H-Lse) (Sialic acid-specific 9-O-acetylesterase) |
| TCTP8\_HUMAN | Putative translationally-controlled tumor protein-like protein TPT1P8 (Putative apoptosis inhibitor FKSG2) |
| GBB4\_HUMAN | Guanine nucleotide-binding protein subunit beta-4 (Transducin beta chain 4) |
| GRPE1\_HUMAN | GrpE protein homolog 1, mitochondrial (HMGE) (Mt-GrpE#1) |
| CYBP\_HUMAN | Calcyclin-binding protein (CacyBP) (hCacyBP) (S100A6-binding protein) (Siah-interacting protein) |
| RRAGC\_HUMAN | Ras-related GTP-binding protein C (Rag C) (RagC) (GTPase-interacting protein 2) (TIB929) |
| FOH1B\_HUMAN | Putative N-acetylated-alpha-linked acidic dipeptidase (NAALADase) (EC 3.4.-.-) (Cell growth-inhibiting gene 26 protein) (Prostate-specific membrane antigen-like protein) (Putative folate hydrolase 1B) |
| DEFM\_HUMAN | Peptide deformylase, mitochondrial (EC 3.5.1.88) (Polypeptide deformylase) |
| RDH14\_HUMAN | Retinol dehydrogenase 14 (EC 1.1.1.-) (Alcohol dehydrogenase PAN2) (Short chain dehydrogenase/reductase family 7C member 4) |
| PARVB\_HUMAN | Beta-parvin (Affixin) |
| TENS1\_HUMAN | Tensin-1 |
| PLRKT\_HUMAN | Plasminogen receptor (KT) (Plg-R(KT)) |
| NOD2\_HUMAN | Nucleotide-binding oligomerization domain-containing protein 2 (Caspase recruitment domain-containing protein 15) (Inflammatory bowel disease protein 1) |
| MRM3\_HUMAN | rRNA methyltransferase 3, mitochondrial (EC 2.1.1.-) (16S rRNA (guanosine(1370)-2'-O)-methyltransferase) (16S rRNA [Gm1370] 2'-O-methyltransferase) (RNA methyltransferase-like protein 1) |
| GLOD4\_HUMAN | Glyoxalase domain-containing protein 4 |
| NEK6\_HUMAN | Serine/threonine-protein kinase Nek6 (EC 2.7.11.1) (Never in mitosis A-related kinase 6) (NimA-related protein kinase 6) (Protein kinase SID6-1512) |
| MCCB\_HUMAN | Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial (MCCase subunit beta) (EC 6.4.1.4) (3-methylcrotonyl-CoA carboxylase 2) (3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) |
| ARGAL\_HUMAN | Rho guanine nucleotide exchange factor 10-like protein (GrinchGEF) |
| GBA2\_HUMAN | Non-lysosomal glucosylceramidase (NLGase) (EC 3.2.1.45) (Beta-glucocerebrosidase 2) (Beta-glucosidase 2) (Glucosylceramidase 2) |
| K1549\_HUMAN | UPF0606 protein KIAA1549 |
| GPN1\_HUMAN | GPN-loop GTPase 1 (EC 3.6.5.-) (MBD2-interacting protein) (MBDin) (RNAPII-associated protein 4) (XPA-binding protein 1) |
| HHATL\_HUMAN | Protein-cysteine N-palmitoyltransferase HHAT-like protein (Glycerol uptake/transporter homolog) (Hedgehog acyltransferase-like protein) |
| PREB\_HUMAN | Prolactin regulatory element-binding protein (Mammalian guanine nucleotide exchange factor mSec12) |
| SRA1\_HUMAN | Steroid receptor RNA activator 1 (Steroid receptor RNA activator protein) (SRAP) |
| AT131\_HUMAN | Manganese-transporting ATPase 13A1 (EC 3.6.3.-) |
| RM47\_HUMAN | 39S ribosomal protein L47, mitochondrial (L47mt) (MRP-L47) (Nasopharyngeal carcinoma metastasis-related protein 1) |
| LYRM4\_HUMAN | LYR motif-containing protein 4 |
| CHM1A\_HUMAN | Charged multivesicular body protein 1a (Chromatin-modifying protein 1a) (CHMP1a) (Vacuolar protein sorting-associated protein 46-1) (Vps46-1) (hVps46-1) |
| TM9S3\_HUMAN | Transmembrane 9 superfamily member 3 (EP70-P-iso) (SM-11044-binding protein) |
| JPH1\_HUMAN | Junctophilin-1 (JP-1) (Junctophilin type 1) |
| APMAP\_HUMAN | Adipocyte plasma membrane-associated protein (Protein BSCv) |
| TRXR2\_HUMAN | Thioredoxin reductase 2, mitochondrial (EC 1.8.1.9) (Selenoprotein Z) (SelZ) (TR-beta) (Thioredoxin reductase TR3) |
| BPIA1\_HUMAN | BPI fold-containing family A member 1 (Lung-specific protein X) (Nasopharyngeal carcinoma-related protein) (Palate lung and nasal epithelium clone protein) (Secretory protein in upper respiratory tracts) (Short PLUNC1) (SPLUNC1) (Tracheal epithelium-enriched protein) (Von Ebner protein Hl) |
| PDE7B\_HUMAN | cAMP-specific 3',5'-cyclic phosphodiesterase 7B (EC 3.1.4.53) |
| ABCB6\_HUMAN | ATP-binding cassette sub-family B member 6, mitochondrial (Mitochondrial ABC transporter 3) (Mt-ABC transporter 3) (P-glycoprotein-related protein) (Ubiquitously-expressed mammalian ABC half transporter) |
| RAB18\_HUMAN | Ras-related protein Rab-18 |
| PALMD\_HUMAN | Palmdelphin (Paralemmin-like protein) |
| VTA1\_HUMAN | Vacuolar protein sorting-associated protein VTA1 homolog (Dopamine-responsive gene 1 protein) (DRG-1) (LYST-interacting protein 5) (LIP5) (SKD1-binding protein 1) (SBP1) |
| SYSM\_HUMAN | Serine--tRNA ligase, mitochondrial (EC 6.1.1.11) (SerRSmt) (Seryl-tRNA synthetase) (SerRS) (Seryl-tRNA(Ser/Sec) synthetase) |
| RAB9B\_HUMAN | Ras-related protein Rab-9B (Rab-9-like protein) (Rab-9L) |
| RT30\_HUMAN | 28S ribosomal protein S30, mitochondrial (MRP-S30) (S30mt) (Programmed cell death protein 9) |
| DLRB1\_HUMAN | Dynein light chain roadblock-type 1 (Bithoraxoid-like protein) (BLP) (Dynein light chain 2A, cytoplasmic) (Dynein-associated protein Km23) (Roadblock domain-containing protein 1) |
| MYOZ1\_HUMAN | Myozenin-1 (Calsarcin-2) (Filamin-, actinin- and telethonin-binding protein) (Protein FATZ) |
| EMC7\_HUMAN | ER membrane protein complex subunit 7 |
| MYOZ2\_HUMAN | Myozenin-2 (Calsarcin-1) (FATZ-related protein 2) |
| NGRN\_HUMAN | Neugrin (Mesenchymal stem cell protein DSC92) (Neurite outgrowth-associated protein) (Spinal cord-derived protein FI58G) |
| PCD12\_HUMAN | Protocadherin-12 (Vascular cadherin-2) (Vascular endothelial cadherin-2) (VE-cad-2) (VE-cadherin-2) |
| INO1\_HUMAN | Inositol-3-phosphate synthase 1 (IPS 1) (EC 5.5.1.4) (Myo-inositol 1-phosphate synthase) (MI-1-P synthase) (MIP synthase) (hIPS) (Myo-inositol 1-phosphate synthase A1) (hINO1) |
| MKKS\_HUMAN | McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin (Bardet-Biedl syndrome 6 protein) |
| ACO13\_HUMAN | Acyl-coenzyme A thioesterase 13 (Acyl-CoA thioesterase 13) (EC 3.1.2.-) (Thioesterase superfamily member 2) [Cleaved into: Acyl-coenzyme A thioesterase 13, N-terminally processed] |
| TIDC1\_HUMAN | Complex I assembly factor TIMMDC1, mitochondrial (Protein M5-14) (Translocase of inner mitochondrial membrane domain-containing protein 1) (TIMM domain containing-protein 1) |
| NLRC4\_HUMAN | NLR family CARD domain-containing protein 4 (CARD, LRR, and NACHT-containing protein) (Clan protein) (Caspase recruitment domain-containing protein 12) (Ice protease-activating factor) (Ipaf) |
| RIC8A\_HUMAN | Synembryn-A (Protein Ric-8A) |
| C1QR1\_HUMAN | Complement component C1q receptor (C1q/MBL/SPA receptor) (C1qR) (C1qR(p)) (C1qRp) (CDw93) (Complement component 1 q subcomponent receptor 1) (Matrix-remodeling-associated protein 4) (CD antigen CD93) |
| RS10L\_HUMAN | Putative 40S ribosomal protein S10-like |
| RM40\_HUMAN | 39S ribosomal protein L40, mitochondrial (L40mt) (MRP-L40) (Nuclear localization signal-containing protein deleted in velocardiofacial syndrome) (Up-regulated in metastasis) |
| TIGAR\_HUMAN | Fructose-2,6-bisphosphatase TIGAR (EC 3.1.3.46) (TP53-induced glycolysis and apoptosis regulator) (TP53-induced glycolysis regulatory phosphatase) |
| ANO2\_HUMAN | Anoctamin-2 (Transmembrane protein 16B) |
| RTN4\_HUMAN | Reticulon-4 (Foocen) (Neurite outgrowth inhibitor) (Nogo protein) (Neuroendocrine-specific protein) (NSP) (Neuroendocrine-specific protein C homolog) (RTN-x) (Reticulon-5) |
| CYLD\_HUMAN | Ubiquitin carboxyl-terminal hydrolase CYLD (EC 3.4.19.12) (Deubiquitinating enzyme CYLD) (Ubiquitin thioesterase CYLD) (Ubiquitin-specific-processing protease CYLD) |
| HINT3\_HUMAN | Histidine triad nucleotide-binding protein 3 (HINT-3) (EC 3.-.-.-) |
| RPR1B\_HUMAN | Regulation of nuclear pre-mRNA domain-containing protein 1B (Cell cycle-related and expression-elevated protein in tumor) |
| MID51\_HUMAN | Mitochondrial dynamics protein MID51 (Mitochondrial dynamics protein of 51 kDa) (Mitochondrial elongation factor 1) (Smith-Magenis syndrome chromosomal region candidate gene 7 protein-like) (SMCR7-like protein) |
| XPP3\_HUMAN | Probable Xaa-Pro aminopeptidase 3 (X-Pro aminopeptidase 3) (EC 3.4.11.9) (Aminopeptidase P3) (APP3) |
| PFD4\_HUMAN | Prefoldin subunit 4 (Protein C-1) |
| NIT2\_HUMAN | Omega-amidase NIT2 (EC 3.5.1.3) (Nitrilase homolog 2) |
| CC177\_HUMAN | Coiled-coil domain-containing protein 177 (Myelin proteolipid protein-like protein) |
| AVEN\_HUMAN | Cell death regulator Aven |
| KI13B\_HUMAN | Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) |
| XPP1\_HUMAN | Xaa-Pro aminopeptidase 1 (EC 3.4.11.9) (Aminoacylproline aminopeptidase) (Cytosolic aminopeptidase P) (Soluble aminopeptidase P) (sAmp) (X-Pro aminopeptidase 1) (X-prolyl aminopeptidase 1, soluble) |
| GEPH\_HUMAN | Gephyrin [Includes: Molybdopterin adenylyltransferase (MPT adenylyltransferase) (EC 2.7.7.75) (Domain G); Molybdopterin molybdenumtransferase (MPT Mo-transferase) (EC 2.10.1.1) (Domain E)] |
| NPDC1\_HUMAN | Neural proliferation differentiation and control protein 1 (NPDC-1) |
| STAR7\_HUMAN | StAR-related lipid transfer protein 7, mitochondrial (Gestational trophoblastic tumor protein 1) (START domain-containing protein 7) (StARD7) |
| BIRC6\_HUMAN | Baculoviral IAP repeat-containing protein 6 (EC 6.3.2.-) (BIR repeat-containing ubiquitin-conjugating enzyme) (BRUCE) (Ubiquitin-conjugating BIR domain enzyme apollon) (APOLLON) |
| PDLI7\_HUMAN | PDZ and LIM domain protein 7 (LIM mineralization protein) (LMP) (Protein enigma) |
| ACSA\_HUMAN | Acetyl-coenzyme A synthetase, cytoplasmic (EC 6.2.1.1) (Acetate--CoA ligase) (Acetyl-CoA synthetase) (ACS) (AceCS) (Acyl-CoA synthetase short-chain family member 2) (Acyl-activating enzyme) |
| DBLOH\_HUMAN | Diablo homolog, mitochondrial (Direct IAP-binding protein with low pI) (Second mitochondria-derived activator of caspase) (Smac) |
| DDX21\_HUMAN | Nucleolar RNA helicase 2 (EC 3.6.4.13) (DEAD box protein 21) (Gu-alpha) (Nucleolar RNA helicase Gu) (Nucleolar RNA helicase II) (RH II/Gu) |
| SAR1A\_HUMAN | GTP-binding protein SAR1a (COPII-associated small GTPase) |
| SIAS\_HUMAN | Sialic acid synthase (N-acetylneuraminate synthase) (EC 2.5.1.56) (N-acetylneuraminate-9-phosphate synthase) (EC 2.5.1.57) (N-acetylneuraminic acid phosphate synthase) (N-acetylneuraminic acid synthase) |
| SHLB2\_HUMAN | Endophilin-B2 (SH3 domain-containing GRB2-like protein B2) |
| ASH1L\_HUMAN | Histone-lysine N-methyltransferase ASH1L (EC 2.1.1.43) (ASH1-like protein) (huASH1) (Absent small and homeotic disks protein 1 homolog) (Lysine N-methyltransferase 2H) |
| EI2BG\_HUMAN | Translation initiation factor eIF-2B subunit gamma (eIF-2B GDP-GTP exchange factor subunit gamma) |
| MBNL1\_HUMAN | Muscleblind-like protein 1 (Triplet-expansion RNA-binding protein) |
| PXMP2\_HUMAN | Peroxisomal membrane protein 2 (22 kDa peroxisomal membrane protein) |
| KCNQ5\_HUMAN | Potassium voltage-gated channel subfamily KQT member 5 (KQT-like 5) (Potassium channel subunit alpha KvLQT5) (Voltage-gated potassium channel subunit Kv7.5) |
| TLR9\_HUMAN | Toll-like receptor 9 (CD antigen CD289) |
| ST7\_HUMAN | Suppressor of tumorigenicity 7 protein (Protein FAM4A1) (Protein HELG) |
| SPTN5\_HUMAN | Spectrin beta chain, non-erythrocytic 5 (Beta-V spectrin) |
| FBX6\_HUMAN | F-box only protein 6 (F-box protein that recognizes sugar chains 2) (F-box/G-domain protein 2) |
| DUOX1\_HUMAN | Dual oxidase 1 (EC 1.11.1.-) (EC 1.6.3.1) (Large NOX 1) (Long NOX 1) (NADPH thyroid oxidase 1) (Thyroid oxidase 1) |
| PYRG2\_HUMAN | CTP synthase 2 (EC 6.3.4.2) (CTP synthetase 2) (UTP--ammonia ligase 2) |
| DPOE3\_HUMAN | DNA polymerase epsilon subunit 3 (EC 2.7.7.7) (Arsenic-transactivated protein) (AsTP) (Chromatin accessibility complex 17 kDa protein) (CHRAC-17) (HuCHRAC17) (DNA polymerase II subunit 3) (DNA polymerase epsilon subunit p17) |
| SMYD2\_HUMAN | N-lysine methyltransferase SMYD2 (EC 2.1.1.-) (HSKM-B) (Histone methyltransferase SMYD2) (EC 2.1.1.43) (Lysine N-methyltransferase 3C) (SET and MYND domain-containing protein 2) |
| D39U1\_HUMAN | Epimerase family protein SDR39U1 (EC 1.1.1.-) (Short-chain dehydrogenase/reductase family 39U member 1) |
| ABCBA\_HUMAN | ATP-binding cassette sub-family B member 10, mitochondrial (ATP-binding cassette transporter 10) (ABC transporter 10 protein) (Mitochondrial ATP-binding cassette 2) (M-ABC2) |
| BAZ1A\_HUMAN | Bromodomain adjacent to zinc finger domain protein 1A (ATP-dependent chromatin-remodeling protein) (ATP-utilizing chromatin assembly and remodeling factor 1) (hACF1) (CHRAC subunit ACF1) (Williams syndrome transcription factor-related chromatin-remodeling factor 180) (WCRF180) (hWALp1) |
| ADPPT\_HUMAN | L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (EC 2.7.8.-) (4'-phosphopantetheinyl transferase) (Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase) (AASD-PPT) (LYS5 ortholog) |
| COXM2\_HUMAN | COX assembly mitochondrial protein 2 homolog |
| SDHF3\_HUMAN | Succinate dehydrogenase assembly factor 3, mitochondrial (SDH assembly factor 3) (SDHAF3) |
| UBQL4\_HUMAN | Ubiquilin-4 (Ataxin-1 interacting ubiquitin-like protein) (A1Up) (Ataxin-1 ubiquitin-like-interacting protein A1U) (Connexin43-interacting protein of 75 kDa) (CIP75) |
| HEBP1\_HUMAN | Heme-binding protein 1 (p22HBP) |
| RM17\_HUMAN | 39S ribosomal protein L17, mitochondrial (L17mt) (MRP-L17) (LYST-interacting protein 2) |
| PHP14\_HUMAN | 14 kDa phosphohistidine phosphatase (EC 3.1.3.-) (Phosphohistidine phosphatase 1) (Protein janus-A homolog) |
| SERC1\_HUMAN | Serine incorporator 1 (Tumor differentially expressed protein 1-like) (Tumor differentially expressed protein 2) |
| RHG35\_HUMAN | Rho GTPase-activating protein 35 (Glucocorticoid receptor DNA-binding factor 1) (Glucocorticoid receptor repression factor 1) (GRF-1) (Rho GAP p190A) (p190-A) |
| F1142\_HUMAN | Protein FAM114A2 |
| PLCC\_HUMAN | 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC 2.3.1.51) (1-acylglycerol-3-phosphate O-acyltransferase 3) (1-AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid acyltransferase gamma) (LPAAT-gamma) |
| TOM22\_HUMAN | Mitochondrial import receptor subunit TOM22 homolog (hTom22) (1C9-2) (Translocase of outer membrane 22 kDa subunit homolog) |
| LANC2\_HUMAN | LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) |
| KIF15\_HUMAN | Kinesin-like protein KIF15 (Kinesin-like protein 2) (hKLP2) (Kinesin-like protein 7) (Serologically defined breast cancer antigen NY-BR-62) |
| CNBP1\_HUMAN | Beta-catenin-interacting protein 1 (Inhibitor of beta-catenin and Tcf-4) |
| KRT84\_HUMAN | Keratin, type II cuticular Hb4 (Keratin-84) (K84) (Type II hair keratin Hb4) (Type-II keratin Kb24) |
| KRT82\_HUMAN | Keratin, type II cuticular Hb2 (Keratin-82) (K82) (Type II hair keratin Hb2) (Type-II keratin Kb22) |
| HOME2\_HUMAN | Homer protein homolog 2 (Homer-2) (Cupidin) |
| HOME3\_HUMAN | Homer protein homolog 3 (Homer-3) |
| SYFB\_HUMAN | Phenylalanine--tRNA ligase beta subunit (EC 6.1.1.20) (Phenylalanyl-tRNA synthetase beta subunit) (PheRS) |
| SYIM\_HUMAN | Isoleucine--tRNA ligase, mitochondrial (EC 6.1.1.5) (Isoleucyl-tRNA synthetase) (IleRS) |
| CA112\_HUMAN | Uncharacterized protein C1orf112 |
| KLC4\_HUMAN | Kinesin light chain 4 (KLC 4) (Kinesin-like protein 8) |
| EMIL3\_HUMAN | EMILIN-3 (EMILIN-5) (Elastin microfibril interface-located protein 3) (Elastin microfibril interfacer 3) (Elastin microfibril interface-located protein 5) (Elastin microfibril interfacer 5) |
| SIR3\_HUMAN | NAD-dependent protein deacetylase sirtuin-3, mitochondrial (hSIRT3) (EC 3.5.1.-) (Regulatory protein SIR2 homolog 3) (SIR2-like protein 3) |
| PDS5B\_HUMAN | Sister chromatid cohesion protein PDS5 homolog B (Androgen-induced proliferation inhibitor) (Androgen-induced prostate proliferative shutoff-associated protein AS3) |
| MA2C1\_HUMAN | Alpha-mannosidase 2C1 (EC 3.2.1.24) (Alpha mannosidase 6A8B) (Alpha-D-mannoside mannohydrolase) (Mannosidase alpha class 2C member 1) |
| SAC1\_HUMAN | Phosphatidylinositide phosphatase SAC1 (EC 3.1.3.-) (Suppressor of actin mutations 1-like protein) |
| OLA1\_HUMAN | Obg-like ATPase 1 (DNA damage-regulated overexpressed in cancer 45) (DOC45) (GTP-binding protein 9) |
| CUTC\_HUMAN | Copper homeostasis protein cutC homolog |
| ECHD1\_HUMAN | Ethylmalonyl-CoA decarboxylase (EC 4.1.1.94) (Enoyl-CoA hydratase domain-containing protein 1) (Methylmalonyl-CoA decarboxylase) (MMCD) (EC 4.1.1.41) |
| MDN1\_HUMAN | Midasin (MIDAS-containing protein) |
| LYRM2\_HUMAN | LYR motif-containing protein 2 |
| ACS2L\_HUMAN | Acetyl-coenzyme A synthetase 2-like, mitochondrial (EC 6.2.1.1) (Acetate--CoA ligase 2) (Acetyl-CoA synthetase 2) (AceCS2) (Acyl-CoA synthetase short-chain family member 1) |
| DECR2\_HUMAN | Peroxisomal 2,4-dienoyl-CoA reductase (pDCR) (EC 1.3.1.34) (2,4-dienoyl-CoA reductase 2) (Short chain dehydrogenase/reductase family 17C member 1) |
| ABHDA\_HUMAN | Mycophenolic acid acyl-glucuronide esterase, mitochondrial (EC 3.1.1.93) (Alpha/beta hydrolase domain-containing protein 10) (Abhydrolase domain-containing protein 10) |
| STAU2\_HUMAN | Double-stranded RNA-binding protein Staufen homolog 2 |
| DDX28\_HUMAN | Probable ATP-dependent RNA helicase DDX28 (EC 3.6.4.13) (Mitochondrial DEAD box protein 28) |
| S39A9\_HUMAN | Zinc transporter ZIP9 (Solute carrier family 39 member 9) (Zrt- and Irt-like protein 9) (ZIP-9) |
| PLCE\_HUMAN | 1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon (EC 2.3.1.51) (1-acylglycerol-3-phosphate O-acyltransferase 5) (1-AGP acyltransferase 5) (1-AGPAT 5) (Lysophosphatidic acid acyltransferase epsilon) (LPAAT-epsilon) |
| SPS2L\_HUMAN | SPATS2-like protein (DNA polymerase-transactivated protein 6) (Stress granule and nucleolar protein) (SGNP) |
| ABCF3\_HUMAN | ATP-binding cassette sub-family F member 3 |
| FA49B\_HUMAN | Protein FAM49B (L1) |
| ABCB8\_HUMAN | ATP-binding cassette sub-family B member 8, mitochondrial (Mitochondrial ATP-binding cassette 1) (M-ABC1) |
| DD19A\_HUMAN | ATP-dependent RNA helicase DDX19A (EC 3.6.4.13) (DDX19-like protein) (DEAD box protein 19A) |
| GIMA4\_HUMAN | GTPase IMAP family member 4 (Immunity-associated nucleotide 1 protein) (IAN-1) (hIAN1) (Immunity-associated protein 4) |
| PCMD2\_HUMAN | Protein-L-isoaspartate O-methyltransferase domain-containing protein 2 |
| UQCC1\_HUMAN | Ubiquinol-cytochrome-c reductase complex assembly factor 1 (Basic FGF-repressed Zic-binding protein) (bFGF-repressed Zic-binding protein) (bFZb) (Ubiquinol-cytochrome c reductase complex chaperone CBP3 homolog) |
| SEP11\_HUMAN | Septin-11 |
| PARVA\_HUMAN | Alpha-parvin (Actopaxin) (CH-ILKBP) (Calponin-like integrin-linked kinase-binding protein) (Matrix-remodeling-associated protein 2) |
| PANK4\_HUMAN | Pantothenate kinase 4 (hPanK4) (EC 2.7.1.33) (Pantothenic acid kinase 4) |
| DJC11\_HUMAN | DnaJ homolog subfamily C member 11 |
| TMLH\_HUMAN | Trimethyllysine dioxygenase, mitochondrial (EC 1.14.11.8) (Epsilon-trimethyllysine 2-oxoglutarate dioxygenase) (Epsilon-trimethyllysine hydroxylase) (TML hydroxylase) (TML-alpha-ketoglutarate dioxygenase) (TML dioxygenase) (TMLD) |
| FANCI\_HUMAN | Fanconi anemia group I protein (Protein FACI) |
| ATD3A\_HUMAN | ATPase family AAA domain-containing protein 3A |
| ARL8B\_HUMAN | ADP-ribosylation factor-like protein 8B (ADP-ribosylation factor-like protein 10C) (Novel small G protein indispensable for equal chromosome segregation 1) |
| CN105\_HUMAN | Uncharacterized protein C14orf105 |
| ASUN\_HUMAN | Protein asunder homolog (Cell cycle regulator Mat89Bb homolog) (Germ cell tumor 1) (Sarcoma antigen NY-SAR-95) |
| RIC8B\_HUMAN | Synembryn-B (Brain synembryn) (hSyn) (Protein Ric-8B) |
| RT18A\_HUMAN | 28S ribosomal protein S18a, mitochondrial (MRP-S18-a) (Mrps18a) (S18mt-a) (28S ribosomal protein S18-3, mitochondrial) (MRP-S18-3) |
| PNPO\_HUMAN | Pyridoxine-5'-phosphate oxidase (EC 1.4.3.5) (Pyridoxamine-phosphate oxidase) |
| ARMC1\_HUMAN | Armadillo repeat-containing protein 1 |
| RPC5\_HUMAN | DNA-directed RNA polymerase III subunit RPC5 (RNA polymerase III subunit C5) (DNA-directed RNA polymerase III 80 kDa polypeptide) |
| SDA1\_HUMAN | Protein SDA1 homolog (Nucleolar protein 130) (SDA1 domain-containing protein 1) (hSDA) |
| TM38B\_HUMAN | Trimeric intracellular cation channel type B (TRIC-B) (TRICB) (Transmembrane protein 38B) |
| AIG1\_HUMAN | Androgen-induced gene 1 protein (AIG-1) |
| RPC2\_HUMAN | DNA-directed RNA polymerase III subunit RPC2 (RNA polymerase III subunit C2) (EC 2.7.7.6) (C128) (DNA-directed RNA polymerase III 127.6 kDa polypeptide) (DNA-directed RNA polymerase III subunit B) |
| ANO10\_HUMAN | Anoctamin-10 (Transmembrane protein 16K) |
| RFOX1\_HUMAN | RNA binding protein fox-1 homolog 1 (Ataxin-2-binding protein 1) (Fox-1 homolog A) (Hexaribonucleotide-binding protein 1) |
| ARGL1\_HUMAN | Arginine and glutamate-rich protein 1 |
| SLTM\_HUMAN | SAFB-like transcription modulator (Modulator of estrogen-induced transcription) |
| BCD1\_HUMAN | Box C/D snoRNA protein 1 (Serologically defined breast cancer antigen NY-BR-75) (Zinc finger HIT domain-containing protein 6) |
| HIF1N\_HUMAN | Hypoxia-inducible factor 1-alpha inhibitor (EC 1.14.11.30) (EC 1.14.11.n4) (Factor inhibiting HIF-1) (FIH-1) (Hypoxia-inducible factor asparagine hydroxylase) |
| OXSM\_HUMAN | 3-oxoacyl-[acyl-carrier-protein] synthase, mitochondrial (EC 2.3.1.41) (Beta-ketoacyl-ACP synthase) |
| RM22\_HUMAN | 39S ribosomal protein L22, mitochondrial (L22mt) (MRP-L22) (39S ribosomal protein L25, mitochondrial) (L25mt) (MRP-L25) |
| CA123\_HUMAN | UPF0587 protein C1orf123 |
| BABA1\_HUMAN | BRISC and BRCA1-A complex member 1 (Mediator of RAP80 interactions and targeting subunit of 40 kDa) (New component of the BRCA1-A complex) |
| CLN6\_HUMAN | Ceroid-lipofuscinosis neuronal protein 6 (Protein CLN6) |
| UCKL1\_HUMAN | Uridine-cytidine kinase-like 1 (EC 2.7.1.48) |
| TM160\_HUMAN | Transmembrane protein 160 |
| NDUBB\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial (Complex I-ESSS) (CI-ESSS) (NADH-ubiquinone oxidoreductase ESSS subunit) (Neuronal protein 17.3) (Np17.3) (p17.3) |
| SDHF2\_HUMAN | Succinate dehydrogenase assembly factor 2, mitochondrial (SDH assembly factor 2) (SDHAF2) |
| RM16\_HUMAN | 39S ribosomal protein L16, mitochondrial (L16mt) (MRP-L16) |
| OCAD1\_HUMAN | OCIA domain-containing protein 1 (Ovarian carcinoma immunoreactive antigen) |
| ARHL2\_HUMAN | Poly(ADP-ribose) glycohydrolase ARH3 (EC 3.2.1.143) (ADP-ribosylhydrolase 3) ([Protein ADP-ribosylarginine] hydrolase-like protein 2) |
| MARH5\_HUMAN | E3 ubiquitin-protein ligase MARCH5 (EC 6.3.2.-) (Membrane-associated RING finger protein 5) (Membrane-associated RING-CH protein V) (MARCH-V) (Mitochondrial ubiquitin ligase) (MITOL) (RING finger protein 153) |
| HYPK\_HUMAN | Huntingtin-interacting protein K (Huntingtin yeast partner K) |
| IMPA3\_HUMAN | Inositol monophosphatase 3 (IMP 3) (IMPase 3) (EC 3.1.3.25) (EC 3.1.3.7) (Golgi 3-prime phosphoadenosine 5-prime phosphate 3-prime phosphatase) (Golgi-resident PAP phosphatase) (gPAPP) (Inositol monophosphatase domain-containing protein 1) (Inositol-1(or 4)-monophosphatase 3) (Myo-inositol monophosphatase A3) |
| MIC19\_HUMAN | MICOS complex subunit MIC19 (Coiled-coil-helix-coiled-coil-helix domain-containing protein 3) |
| ENK13\_HUMAN | Endogenous retrovirus group K member 13-1 Env polyprotein (Envelope polyprotein) (HERV-K\_16p13.3 provirus ancestral Env polyprotein) [Cleaved into: Surface protein (SU); Transmembrane protein (TM)] |
| SIR5\_HUMAN | NAD-dependent protein deacylase sirtuin-5, mitochondrial (EC 3.5.1.-) (Regulatory protein SIR2 homolog 5) (SIR2-like protein 5) |
| GFOD1\_HUMAN | Glucose-fructose oxidoreductase domain-containing protein 1 (EC 1.-.-.-) |
| MTMRA\_HUMAN | Myotubularin-related protein 10 |
| CNTLN\_HUMAN | Centlein (Centrosomal protein) |
| THUM1\_HUMAN | THUMP domain-containing protein 1 |
| TRM1\_HUMAN | tRNA (guanine(26)-N(2))-dimethyltransferase (EC 2.1.1.216) (tRNA 2,2-dimethylguanosine-26 methyltransferase) (tRNA(guanine-26,N(2)-N(2)) methyltransferase) (tRNA(m(2,2)G26)dimethyltransferase) |
| BRE\_HUMAN | BRCA1-A complex subunit BRE (BRCA1/BRCA2-containing complex subunit 45) (Brain and reproductive organ-expressed protein) |
| DJB12\_HUMAN | DnaJ homolog subfamily B member 12 |
| GAR1\_HUMAN | H/ACA ribonucleoprotein complex subunit 1 (Nucleolar protein family A member 1) (snoRNP protein GAR1) |
| DPP3\_HUMAN | Dipeptidyl peptidase 3 (EC 3.4.14.4) (Dipeptidyl aminopeptidase III) (Dipeptidyl arylamidase III) (Dipeptidyl peptidase III) (DPP III) (Enkephalinase B) |
| TBA8\_HUMAN | Tubulin alpha-8 chain (Alpha-tubulin 8) (Tubulin alpha chain-like 2) |
| TE2IP\_HUMAN | Telomeric repeat-binding factor 2-interacting protein 1 (TERF2-interacting telomeric protein 1) (TRF2-interacting telomeric protein 1) (Dopamine receptor-interacting protein 5) (Repressor/activator protein 1 homolog) (RAP1 homolog) (hRap1) |
| DACT1\_HUMAN | Dapper homolog 1 (hDPR1) (Dapper antagonist of catenin 1) (Hepatocellular carcinoma novel gene 3 protein) |
| FA53C\_HUMAN | Protein FAM53C |
| BCLF1\_HUMAN | Bcl-2-associated transcription factor 1 (Btf) |
| COA4\_HUMAN | Cytochrome c oxidase assembly factor 4 homolog, mitochondrial (Coiled-coil-helix-coiled-coil-helix domain-containing protein 8) (E2-induced gene 2 protein) |
| TLR7\_HUMAN | Toll-like receptor 7 |
| RM39\_HUMAN | 39S ribosomal protein L39, mitochondrial (L39mt) (MRP-L39) (39S ribosomal protein L5, mitochondrial) (L5mt) (MRP-L5) |
| MLTK\_HUMAN | Mitogen-activated protein kinase kinase kinase MLT (EC 2.7.11.25) (Human cervical cancer suppressor gene 4 protein) (HCCS-4) (Leucine zipper- and sterile alpha motif-containing kinase) (MLK-like mitogen-activated protein triple kinase) (Mixed lineage kinase-related kinase) (MLK-related kinase) (MRK) (Sterile alpha motif- and leucine zipper-containing kinase AZK) |
| UGGG1\_HUMAN | UDP-glucose:glycoprotein glucosyltransferase 1 (UGT1) (hUGT1) (EC 2.4.1.-) (UDP--Glc:glycoprotein glucosyltransferase) (UDP-glucose ceramide glucosyltransferase-like 1) |
| RRN3\_HUMAN | RNA polymerase I-specific transcription initiation factor RRN3 (Transcription initiation factor IA) (TIF-IA) |
| FAKD2\_HUMAN | FAST kinase domain-containing protein 2 |
| TECR\_HUMAN | Very-long-chain enoyl-CoA reductase (EC 1.3.1.93) (Synaptic glycoprotein SC2) (Trans-2,3-enoyl-CoA reductase) (TER) |
| ERAP1\_HUMAN | Endoplasmic reticulum aminopeptidase 1 (EC 3.4.11.-) (ARTS-1) (Adipocyte-derived leucine aminopeptidase) (A-LAP) (Aminopeptidase PILS) (Puromycin-insensitive leucyl-specific aminopeptidase) (PILS-AP) (Type 1 tumor necrosis factor receptor shedding aminopeptidase regulator) |
| ARP10\_HUMAN | Actin-related protein 10 (Actin-related protein 11) (hARP11) |
| USE1\_HUMAN | Vesicle transport protein USE1 (Putative MAPK-activating protein PM26) (USE1-like protein) (p31) |
| CISD1\_HUMAN | CDGSH iron-sulfur domain-containing protein 1 (MitoNEET) |
| RTEL1\_HUMAN | Regulator of telomere elongation helicase 1 (EC 3.6.4.12) (Novel helicase-like) |
| CLIC5\_HUMAN | Chloride intracellular channel protein 5 |
| F120A\_HUMAN | Constitutive coactivator of PPAR-gamma-like protein 1 (Oxidative stress-associated Src activator) (Protein FAM120A) |
| GDE1\_HUMAN | Glycerophosphodiester phosphodiesterase 1 (EC 3.1.4.44) (Membrane-interacting protein of RGS16) (RGS16-interacting membrane protein) |
| GLTP\_HUMAN | Glycolipid transfer protein (GLTP) |
| AHSP\_HUMAN | Alpha-hemoglobin-stabilizing protein (Erythroid differentiation-related factor) (Erythroid-associated factor) |
| SPG21\_HUMAN | Maspardin (Acid cluster protein 33) (Spastic paraplegia 21 autosomal recessive Mast syndrome protein) (Spastic paraplegia 21 protein) |
| GRHL1\_HUMAN | Grainyhead-like protein 1 homolog (Mammalian grainyhead) (NH32) (Transcription factor CP2-like 2) (Transcription factor LBP-32) |
| COQ3\_HUMAN | Ubiquinone biosynthesis O-methyltransferase, mitochondrial (3-demethylubiquinol 3-O-methyltransferase) (EC 2.1.1.64) (Polyprenyldihydroxybenzoate methyltransferase) (EC 2.1.1.114) |
| MTCH1\_HUMAN | Mitochondrial carrier homolog 1 (Presenilin-associated protein) |
| HPBP1\_HUMAN | Hsp70-binding protein 1 (HspBP1) (Heat shock protein-binding protein 1) (Hsp70-binding protein 2) (HspBP2) (Hsp70-interacting protein 1) (Hsp70-interacting protein 2) |
| MAT2B\_HUMAN | Methionine adenosyltransferase 2 subunit beta (Methionine adenosyltransferase II beta) (MAT II beta) (Putative dTDP-4-keto-6-deoxy-D-glucose 4-reductase) |
| MYOF\_HUMAN | Myoferlin (Fer-1-like protein 3) |
| ITSN2\_HUMAN | Intersectin-2 (SH3 domain-containing protein 1B) (SH3P18) (SH3P18-like WASP-associated protein) |
| EHD3\_HUMAN | EH domain-containing protein 3 (PAST homolog 3) |
| EHD2\_HUMAN | EH domain-containing protein 2 (PAST homolog 2) |
| ARHGC\_HUMAN | Rho guanine nucleotide exchange factor 12 (Leukemia-associated RhoGEF) |
| TMOD4\_HUMAN | Tropomodulin-4 (Skeletal muscle tropomodulin) (Sk-Tmod) |
| CALL5\_HUMAN | Calmodulin-like protein 5 (Calmodulin-like skin protein) |
| LMCD1\_HUMAN | LIM and cysteine-rich domains protein 1 (Dyxin) |
| CHMP5\_HUMAN | Charged multivesicular body protein 5 (Chromatin-modifying protein 5) (SNF7 domain-containing protein 2) (Vacuolar protein sorting-associated protein 60) (Vps60) (hVps60) |
| CNIH4\_HUMAN | Protein cornichon homolog 4 (CNIH-4) (Cornichon family AMPA receptor auxiliary protein 4) |
| CWC15\_HUMAN | Spliceosome-associated protein CWC15 homolog |
| RM15\_HUMAN | 39S ribosomal protein L15, mitochondrial (L15mt) (MRP-L15) |
| THYN1\_HUMAN | Thymocyte nuclear protein 1 (Thymocyte protein Thy28) |
| NDUF4\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4 (Hormone-regulated proliferation-associated protein of 20 kDa) |
| HACD3\_HUMAN | Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3 (EC 4.2.1.134) (3-hydroxyacyl-CoA dehydratase 3) (HACD3) (Butyrate-induced protein 1) (B-ind1) (hB-ind1) (Protein-tyrosine phosphatase-like A domain-containing protein 1) |
| EMC3\_HUMAN | ER membrane protein complex subunit 3 (Transmembrane protein 111) |
| NDUAD\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 (Cell death regulatory protein GRIM-19) (Complex I-B16.6) (CI-B16.6) (Gene associated with retinoic and interferon-induced mortality 19 protein) (GRIM-19) (Gene associated with retinoic and IFN-induced mortality 19 protein) (NADH-ubiquinone oxidoreductase B16.6 subunit) |
| PDP1\_HUMAN | [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial (PDP 1) (EC 3.1.3.43) (Protein phosphatase 2C) (Pyruvate dehydrogenase phosphatase catalytic subunit 1) (PDPC 1) |
| KCMF1\_HUMAN | E3 ubiquitin-protein ligase KCMF1 (EC 6.3.2.-) (FGF-induced in gastric cancer) (Potassium channel modulatory factor) (PCMF) (ZZ-type zinc finger-containing protein 1) |
| VAPA\_HUMAN | Vesicle-associated membrane protein-associated protein A (VAMP-A) (VAMP-associated protein A) (VAP-A) (33 kDa VAMP-associated protein) (VAP-33) |
| H2AW\_HUMAN | Core histone macro-H2A.2 (Histone macroH2A2) (mH2A2) |
| RM27\_HUMAN | 39S ribosomal protein L27, mitochondrial (L27mt) (MRP-L27) |
| RN181\_HUMAN | E3 ubiquitin-protein ligase RNF181 (EC 6.3.2.-) (RING finger protein 181) |
| CF203\_HUMAN | Uncharacterized protein C6orf203 |
| TM14C\_HUMAN | Transmembrane protein 14C |
| TOM7\_HUMAN | Mitochondrial import receptor subunit TOM7 homolog (Translocase of outer membrane 7 kDa subunit homolog) |
| SEP10\_HUMAN | Septin-10 |
| DAPLE\_HUMAN | Protein Daple (Coiled-coil domain-containing protein 88C) (Dvl-associating protein with a high frequency of leucine residues) (hDaple) (Hook-related protein 2) (HkRP2) |
| RCC2\_HUMAN | Protein RCC2 (RCC1-like protein TD-60) (Telophase disk protein of 60 kDa) |
| DIP2B\_HUMAN | Disco-interacting protein 2 homolog B (DIP2 homolog B) |
| JCAD\_HUMAN | Junctional protein associated with coronary artery disease (JCAD) |
| SLAI2\_HUMAN | SLAIN motif-containing protein 2 |
| BCCIP\_HUMAN | BRCA2 and CDKN1A-interacting protein (P21- and CDK-associated protein 1) (Protein TOK-1) |
| F135A\_HUMAN | Protein FAM135A |
| KIF17\_HUMAN | Kinesin-like protein KIF17 (KIF3-related motor protein) |
| CHPF2\_HUMAN | Chondroitin sulfate glucuronyltransferase (EC 2.4.1.226) (CSGlcA-T) (Chondroitin glucuronyltransferase) (Chondroitin polymerizing factor 2) (ChPF-2) (Chondroitin synthase 3) (ChSy-3) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase) |
| RRBP1\_HUMAN | Ribosome-binding protein 1 (180 kDa ribosome receptor homolog) (RRp) (ES/130-related protein) (Ribosome receptor protein) |
| AKIB1\_HUMAN | Ankyrin repeat and IBR domain-containing protein 1 |
| SYLC\_HUMAN | Leucine--tRNA ligase, cytoplasmic (EC 6.1.1.4) (Leucyl-tRNA synthetase) (LeuRS) |
| CING\_HUMAN | Cingulin |
| STAR9\_HUMAN | StAR-related lipid transfer protein 9 (START domain-containing protein 9) (StARD9) |
| SUCB1\_HUMAN | Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial (EC 6.2.1.5) (ATP-specific succinyl-CoA synthetase subunit beta) (Renal carcinoma antigen NY-REN-39) (Succinyl-CoA synthetase beta-A chain) (SCS-betaA) |
| GMPR2\_HUMAN | GMP reductase 2 (GMPR 2) (EC 1.7.1.7) (Guanosine 5'-monophosphate oxidoreductase 2) (Guanosine monophosphate reductase 2) |
| STX18\_HUMAN | Syntaxin-18 (Cell growth-inhibiting gene 9 protein) |
| UVRAG\_HUMAN | UV radiation resistance-associated gene protein (p63) |
| ATX10\_HUMAN | Ataxin-10 (Brain protein E46 homolog) (Spinocerebellar ataxia type 10 protein) |
| TFP11\_HUMAN | Tuftelin-interacting protein 11 (Septin and tuftelin-interacting protein 1) (STIP-1) |
| EP15R\_HUMAN | Epidermal growth factor receptor substrate 15-like 1 (Eps15-related protein) (Eps15R) |
| MYO1A\_HUMAN | Unconventional myosin-Ia (Brush border myosin I) (BBM-I) (BBMI) (Myosin I heavy chain) (MIHC) |
| GALP\_HUMAN | Galanin-like peptide |
| CLCF1\_HUMAN | Cardiotrophin-like cytokine factor 1 (B-cell-stimulating factor 3) (BSF-3) (Novel neurotrophin-1) (NNT-1) |
| SAE1\_HUMAN | SUMO-activating enzyme subunit 1 (Ubiquitin-like 1-activating enzyme E1A) [Cleaved into: SUMO-activating enzyme subunit 1, N-terminally processed] |
| RBX2\_HUMAN | RING-box protein 2 (Rbx2) (CKII beta-binding protein 1) (CKBBP1) (RING finger protein 7) (Regulator of cullins 2) (Sensitive to apoptosis gene protein) |
| MYOTI\_HUMAN | Myotilin (57 kDa cytoskeletal protein) (Myofibrillar titin-like Ig domains protein) (Titin immunoglobulin domain protein) |
| MRC2\_HUMAN | C-type mannose receptor 2 (C-type lectin domain family 13 member E) (Endocytic receptor 180) (Macrophage mannose receptor 2) (Urokinase-type plasminogen activator receptor-associated protein) (UPAR-associated protein) (Urokinase receptor-associated protein) (CD antigen CD280) |
| COMD3\_HUMAN | COMM domain-containing protein 3 (Protein Bup) (Protein PIL) |
| GBG12\_HUMAN | Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12 |
| UXT\_HUMAN | Protein UXT (Androgen receptor trapped clone 27 protein) (ART-27) (Ubiquitously expressed transcript protein) |
| ARP21\_HUMAN | cAMP-regulated phosphoprotein 21 (ARPP-21) (Thymocyte cAMP-regulated phosphoprotein) |
| DHCR7\_HUMAN | 7-dehydrocholesterol reductase (7-DHC reductase) (EC 1.3.1.21) (Putative sterol reductase SR-2) (Sterol Delta(7)-reductase) |
| VPS29\_HUMAN | Vacuolar protein sorting-associated protein 29 (hVPS29) (PEP11 homolog) (Vesicle protein sorting 29) |
| EIF3K\_HUMAN | Eukaryotic translation initiation factor 3 subunit K (eIF3k) (Eukaryotic translation initiation factor 3 subunit 12) (Muscle-specific gene M9 protein) (PLAC-24) (eIF-3 p25) (eIF-3 p28) |
| GRHPR\_HUMAN | Glyoxylate reductase/hydroxypyruvate reductase (EC 1.1.1.79) (EC 1.1.1.81) |
| CATZ\_HUMAN | Cathepsin Z (EC 3.4.18.1) (Cathepsin P) (Cathepsin X) |
| DJB11\_HUMAN | DnaJ homolog subfamily B member 11 (APOBEC1-binding protein 2) (ABBP-2) (DnaJ protein homolog 9) (ER-associated DNAJ) (ER-associated Hsp40 co-chaperone) (Endoplasmic reticulum DNA J domain-containing protein 3) (ER-resident protein ERdj3) (ERdj3) (ERj3p) (HEDJ) (Human DnaJ protein 9) (hDj-9) (PWP1-interacting protein 4) |
| SAE2\_HUMAN | SUMO-activating enzyme subunit 2 (EC 6.3.2.-) (Anthracycline-associated resistance ARX) (Ubiquitin-like 1-activating enzyme E1B) (Ubiquitin-like modifier-activating enzyme 2) |
| POLK\_HUMAN | DNA polymerase kappa (EC 2.7.7.7) (DINB protein) (DINP) |
| SE1L1\_HUMAN | Protein sel-1 homolog 1 (Suppressor of lin-12-like protein 1) (Sel-1L) |
| PEF1\_HUMAN | Peflin (PEF protein with a long N-terminal hydrophobic domain) (Penta-EF hand domain-containing protein 1) |
| BIN2\_HUMAN | Bridging integrator 2 (Breast cancer-associated protein 1) |
| CSN7A\_HUMAN | COP9 signalosome complex subunit 7a (SGN7a) (Signalosome subunit 7a) (Dermal papilla-derived protein 10) (JAB1-containing signalosome subunit 7a) |
| DIC\_HUMAN | Mitochondrial dicarboxylate carrier (Solute carrier family 25 member 10) |
| FBLN5\_HUMAN | Fibulin-5 (FIBL-5) (Developmental arteries and neural crest EGF-like protein) (Dance) (Urine p50 protein) (UP50) |
| HSPB7\_HUMAN | Heat shock protein beta-7 (HspB7) (Cardiovascular heat shock protein) (cvHsp) |
| PPR1B\_HUMAN | Protein phosphatase 1 regulatory subunit 1B (DARPP-32) (Dopamine- and cAMP-regulated neuronal phosphoprotein) |
| AASS\_HUMAN | Alpha-aminoadipic semialdehyde synthase, mitochondrial (LKR/SDH) [Includes: Lysine ketoglutarate reductase (LKR) (LOR) (EC 1.5.1.8); Saccharopine dehydrogenase (SDH) (EC 1.5.1.9)] |
| QCR9\_HUMAN | Cytochrome b-c1 complex subunit 9 (Complex III subunit 9) (Complex III subunit X) (Cytochrome c1 non-heme 7 kDa protein) (Ubiquinol-cytochrome c reductase complex 7.2 kDa protein) |
| MTFP1\_HUMAN | Mitochondrial fission process protein 1 (Mitochondrial 18 kDa protein) (MTP18) |
| ZO2\_HUMAN | Tight junction protein ZO-2 (Tight junction protein 2) (Zona occludens protein 2) (Zonula occludens protein 2) |
| DNJB4\_HUMAN | DnaJ homolog subfamily B member 4 (Heat shock 40 kDa protein 1 homolog) (HSP40 homolog) (Heat shock protein 40 homolog) (Human liver DnaJ-like protein) |
| ZN629\_HUMAN | Zinc finger protein 629 (Zinc finger protein 65) |
| ADDG\_HUMAN | Gamma-adducin (Adducin-like protein 70) |
| CS025\_HUMAN | UPF0449 protein C19orf25 |
| NPS3A\_HUMAN | Protein NipSnap homolog 3A (NipSnap3A) (Protein NipSnap homolog 4) (NipSnap4) (Target for Salmonella secreted protein C) (TassC) |
| IF172\_HUMAN | Intraflagellar transport protein 172 homolog |
| ABCF2\_HUMAN | ATP-binding cassette sub-family F member 2 (Iron-inhibited ABC transporter 2) |
| RF1ML\_HUMAN | Peptide chain release factor 1-like, mitochondrial (Mitochondrial translational release factor 1-like) (mtRF1a) |
| TES\_HUMAN | Testin (TESS) |
| AAKG3\_HUMAN | 5'-AMP-activated protein kinase subunit gamma-3 (AMPK gamma3) (AMPK subunit gamma-3) |
| AAKG2\_HUMAN | 5'-AMP-activated protein kinase subunit gamma-2 (AMPK gamma2) (AMPK subunit gamma-2) (H91620p) |
| ACHA9\_HUMAN | Neuronal acetylcholine receptor subunit alpha-9 (Nicotinic acetylcholine receptor subunit alpha-9) (NACHR alpha-9) |
| SYWM\_HUMAN | Tryptophan--tRNA ligase, mitochondrial (EC 6.1.1.2) ((Mt)TrpRS) (Tryptophanyl-tRNA synthetase) (TrpRS) |
| LIMD1\_HUMAN | LIM domain-containing protein 1 |
| SEC63\_HUMAN | Translocation protein SEC63 homolog |
| ARMX3\_HUMAN | Armadillo repeat-containing X-linked protein 3 (ARM protein lost in epithelial cancers on chromosome X 3) (Protein ALEX3) |
| SWP70\_HUMAN | Switch-associated protein 70 (SWAP-70) |
| FBX40\_HUMAN | F-box only protein 40 (Muscle disease-related protein) |
| MLX\_HUMAN | Max-like protein X (Class D basic helix-loop-helix protein 13) (bHLHd13) (Max-like bHLHZip protein) (Protein BigMax) (Transcription factor-like protein 4) |
| SUN2\_HUMAN | SUN domain-containing protein 2 (Protein unc-84 homolog B) (Rab5-interacting protein) (Rab5IP) (Sad1/unc-84 protein-like 2) |
| LIMA1\_HUMAN | LIM domain and actin-binding protein 1 (Epithelial protein lost in neoplasm) |
| AFF4\_HUMAN | AF4/FMR2 family member 4 (ALL1-fused gene from chromosome 5q31 protein) (Protein AF-5q31) (Major CDK9 elongation factor-associated protein) |
| SRP68\_HUMAN | Signal recognition particle subunit SRP68 (SRP68) (Signal recognition particle 68 kDa protein) |
| CHRD1\_HUMAN | Cysteine and histidine-rich domain-containing protein 1 (CHORD domain-containing protein 1) (CHORD-containing protein 1) (CHP-1) (Protein morgana) |
| SEPT9\_HUMAN | Septin-9 (MLL septin-like fusion protein MSF-A) (MLL septin-like fusion protein) (Ovarian/Breast septin) (Ov/Br septin) (Septin D1) |
| UBQL2\_HUMAN | Ubiquilin-2 (Chap1) (DSK2 homolog) (Protein linking IAP with cytoskeleton 2) (PLIC-2) (hPLIC-2) (Ubiquitin-like product Chap1/Dsk2) |
| DCDC2\_HUMAN | Doublecortin domain-containing protein 2 (Protein RU2S) |
| PCYOX\_HUMAN | Prenylcysteine oxidase 1 (EC 1.8.3.5) (Prenylcysteine lyase) |
| DDX20\_HUMAN | Probable ATP-dependent RNA helicase DDX20 (EC 3.6.4.13) (Component of gems 3) (DEAD box protein 20) (DEAD box protein DP 103) (Gemin-3) |
| DPP2\_HUMAN | Dipeptidyl peptidase 2 (EC 3.4.14.2) (Dipeptidyl aminopeptidase II) (Dipeptidyl peptidase 7) (Dipeptidyl peptidase II) (DPP II) (Quiescent cell proline dipeptidase) |
| SMPX\_HUMAN | Small muscular protein (Stretch-responsive skeletal muscle protein) |
| BAP29\_HUMAN | B-cell receptor-associated protein 29 (BCR-associated protein 29) (Bap29) |
| NB5R1\_HUMAN | NADH-cytochrome b5 reductase 1 (b5R.1) (EC 1.6.2.2) (Humb5R2) (NAD(P)H:quinone oxidoreductase type 3 polypeptide A2) |
| BI2L1\_HUMAN | Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1 (BAI1-associated protein 2-like protein 1) (Insulin receptor tyrosine kinase substrate) |
| PFD2\_HUMAN | Prefoldin subunit 2 |
| PUF60\_HUMAN | Poly(U)-binding-splicing factor PUF60 (60 kDa poly(U)-binding-splicing factor) (FUSE-binding protein-interacting repressor) (FBP-interacting repressor) (Ro-binding protein 1) (RoBP1) (Siah-binding protein 1) (Siah-BP1) |
| NRBP\_HUMAN | Nuclear receptor-binding protein |
| ENOPH\_HUMAN | Enolase-phosphatase E1 (EC 3.1.3.77) (2,3-diketo-5-methylthio-1-phosphopentane phosphatase) (MASA homolog) |
| FEZ2\_HUMAN | Fasciculation and elongation protein zeta-2 (Zygin II) (Zygin-2) |
| EVL\_HUMAN | Ena/VASP-like protein (Ena/vasodilator-stimulated phosphoprotein-like) |
| NDUAC\_HUMAN | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 (13 kDa differentiation-associated protein) (Complex I-B17.2) (CI-B17.2) (CIB17.2) (NADH-ubiquinone oxidoreductase subunit B17.2) |
| VATH\_HUMAN | V-type proton ATPase subunit H (V-ATPase subunit H) (Nef-binding protein 1) (NBP1) (Protein VMA13 homolog) (V-ATPase 50/57 kDa subunits) (Vacuolar proton pump subunit H) (Vacuolar proton pump subunit SFD) |
| TAGL3\_HUMAN | Transgelin-3 (Neuronal protein 22) (NP22) (Neuronal protein NP25) |
| CTNA3\_HUMAN | Catenin alpha-3 (Alpha T-catenin) (Cadherin-associated protein) |
| XPO7\_HUMAN | Exportin-7 (Exp7) (Ran-binding protein 16) |
| LCMT1\_HUMAN | Leucine carboxyl methyltransferase 1 (EC 2.1.1.233) (Protein-leucine O-methyltransferase) ([Phosphatase 2A protein]-leucine-carboxy methyltransferase 1) |
| VPS51\_HUMAN | Vacuolar protein sorting-associated protein 51 homolog (Another new gene 2 protein) (Protein fat-free homolog) |
| BAZ2B\_HUMAN | Bromodomain adjacent to zinc finger domain protein 2B (hWALp4) |
| BAZ2A\_HUMAN | Bromodomain adjacent to zinc finger domain protein 2A (Transcription termination factor I-interacting protein 5) (TTF-I-interacting protein 5) (Tip5) (hWALp3) |
| BAZ1B\_HUMAN | Tyrosine-protein kinase BAZ1B (EC 2.7.10.2) (Bromodomain adjacent to zinc finger domain protein 1B) (Williams syndrome transcription factor) (Williams-Beuren syndrome chromosomal region 10 protein) (Williams-Beuren syndrome chromosomal region 9 protein) (hWALp2) |
| ATIF1\_HUMAN | ATPase inhibitor, mitochondrial (Inhibitor of F(1)F(o)-ATPase) (IF(1)) (IF1) |
| DS13B\_HUMAN | Dual specificity protein phosphatase 13 isoform B (DUSP13B) (EC 3.1.3.16) (EC 3.1.3.48) (Dual specificity phosphatase SKRP4) (Testis- and skeletal-muscle-specific DSP) |
| KAD3\_HUMAN | GTP:AMP phosphotransferase AK3, mitochondrial (EC 2.7.4.10) (Adenylate kinase 3) (AK 3) (Adenylate kinase 3 alpha-like 1) |
| LCAP\_HUMAN | Leucyl-cystinyl aminopeptidase (Cystinyl aminopeptidase) (EC 3.4.11.3) (Insulin-regulated membrane aminopeptidase) (Insulin-responsive aminopeptidase) (IRAP) (Oxytocinase) (OTase) (Placental leucine aminopeptidase) (P-LAP) [Cleaved into: Leucyl-cystinyl aminopeptidase, pregnancy serum form] |
| GGT7\_HUMAN | Gamma-glutamyltransferase 7 (GGT 7) (EC 2.3.2.2) (Gamma-glutamyltransferase-like 3) (Gamma-glutamyltransferase-like 5) (Gamma-glutamyltranspeptidase 7) (Glutathione hydrolase 7) (EC 3.4.19.13) [Cleaved into: Gamma-glutamyltransferase 7 heavy chain; Gamma-glutamyltransferase 7 light chain] |
| RABX5\_HUMAN | Rab5 GDP/GTP exchange factor (RAP1) (Rabaptin-5-associated exchange factor for Rab5) (Rabex-5) |
| MSRA\_HUMAN | Mitochondrial peptide methionine sulfoxide reductase (EC 1.8.4.11) (Peptide-methionine (S)-S-oxide reductase) (Peptide Met(O) reductase) (Protein-methionine-S-oxide reductase) (PMSR) |
| NAGK\_HUMAN | N-acetyl-D-glucosamine kinase (N-acetylglucosamine kinase) (EC 2.7.1.59) (GlcNAc kinase) |
| STAG3\_HUMAN | Cohesin subunit SA-3 (SCC3 homolog 3) (Stromal antigen 3) (Stromalin-3) |
| MCM8\_HUMAN | DNA helicase MCM8 (EC 3.6.4.12) (Minichromosome maintenance 8) |
| KLH21\_HUMAN | Kelch-like protein 21 |
| CMC2\_HUMAN | Calcium-binding mitochondrial carrier protein Aralar2 (Citrin) (Mitochondrial aspartate glutamate carrier 2) (Solute carrier family 25 member 13) |
| DBNL\_HUMAN | Drebrin-like protein (Cervical SH3P7) (Cervical mucin-associated protein) (Drebrin-F) (HPK1-interacting protein of 55 kDa) (HIP-55) (SH3 domain-containing protein 7) |
| DDX41\_HUMAN | Probable ATP-dependent RNA helicase DDX41 (EC 3.6.4.13) (DEAD box protein 41) (DEAD box protein abstrakt homolog) |
| DCTN4\_HUMAN | Dynactin subunit 4 (Dyn4) (Dynactin subunit p62) |
| HSPB8\_HUMAN | Heat shock protein beta-8 (HspB8) (Alpha-crystallin C chain) (E2-induced gene 1 protein) (Protein kinase H11) (Small stress protein-like protein HSP22) |
| GGA2\_HUMAN | ADP-ribosylation factor-binding protein GGA2 (Gamma-adaptin-related protein 2) (Golgi-localized, gamma ear-containing, ARF-binding protein 2) (VHS domain and ear domain of gamma-adaptin) (Vear) |
| GGA1\_HUMAN | ADP-ribosylation factor-binding protein GGA1 (Gamma-adaptin-related protein 1) (Golgi-localized, gamma ear-containing, ARF-binding protein 1) |
| STML2\_HUMAN | Stomatin-like protein 2, mitochondrial (SLP-2) (EPB72-like protein 2) (Paraprotein target 7) (Paratarg-7) |
| VPS28\_HUMAN | Vacuolar protein sorting-associated protein 28 homolog (H-Vps28) (ESCRT-I complex subunit VPS28) |
| LSM7\_HUMAN | U6 snRNA-associated Sm-like protein LSm7 |
| ZPI\_HUMAN | Protein Z-dependent protease inhibitor (PZ-dependent protease inhibitor) (PZI) (Serpin A10) |
| HN1\_HUMAN | Hematological and neurological expressed 1 protein (Androgen-regulated protein 2) [Cleaved into: Hematological and neurological expressed 1 protein, N-terminally processed] |
| FBX3\_HUMAN | F-box only protein 3 |
| AKA11\_HUMAN | A-kinase anchor protein 11 (AKAP-11) (A-kinase anchor protein 220 kDa) (AKAP 220) (hAKAP220) (Protein kinase A-anchoring protein 11) (PRKA11) |
| TNIK\_HUMAN | TRAF2 and NCK-interacting protein kinase (EC 2.7.11.1) |
| DP13A\_HUMAN | DCC-interacting protein 13-alpha (Dip13-alpha) (Adapter protein containing PH domain, PTB domain and leucine zipper motif 1) |
| PPCT\_HUMAN | Phosphatidylcholine transfer protein (PC-TP) (START domain-containing protein 2) (StARD2) (StAR-related lipid transfer protein 2) |
| RALY\_HUMAN | RNA-binding protein Raly (Autoantigen p542) (Heterogeneous nuclear ribonucleoprotein C-like 2) (hnRNP core protein C-like 2) (hnRNP associated with lethal yellow protein homolog) |
| TF3C4\_HUMAN | General transcription factor 3C polypeptide 4 (EC 2.3.1.48) (TF3C-delta) (Transcription factor IIIC 90 kDa subunit) (TFIIIC 90 kDa subunit) (TFIIIC90) (Transcription factor IIIC subunit delta) |
| ITBP2\_HUMAN | Integrin beta-1-binding protein 2 (Melusin) |
| PACN3\_HUMAN | Protein kinase C and casein kinase substrate in neurons protein 3 (SH3 domain-containing protein 6511) |
| FBXL3\_HUMAN | F-box/LRR-repeat protein 3 (F-box and leucine-rich repeat protein 3A) (F-box/LRR-repeat protein 3A) |
| ACAD8\_HUMAN | Isobutyryl-CoA dehydrogenase, mitochondrial (EC 1.3.99.-) (Activator-recruited cofactor 42 kDa component) (ARC42) (Acyl-CoA dehydrogenase family member 8) (ACAD-8) |
| ACINU\_HUMAN | Apoptotic chromatin condensation inducer in the nucleus (Acinus) |
| AGO2\_HUMAN | Protein argonaute-2 (Argonaute2) (hAgo2) (EC 3.1.26.n2) (Argonaute RISC catalytic component 2) (Eukaryotic translation initiation factor 2C 2) (eIF-2C 2) (eIF2C 2) (PAZ Piwi domain protein) (PPD) (Protein slicer) |
| MYH2\_HUMAN | Myosin-2 (Myosin heavy chain 2) (Myosin heavy chain 2a) (MyHC-2a) (Myosin heavy chain IIa) (MyHC-IIa) (Myosin heavy chain, skeletal muscle, adult 2) |
| MYH13\_HUMAN | Myosin-13 (Myosin heavy chain 13) (Myosin heavy chain, skeletal muscle, extraocular) (MyHC-EO) (Myosin heavy chain, skeletal muscle, laryngeal) (MyHC-IIL) (Superfast myosin) |
| CDV3\_HUMAN | Protein CDV3 homolog |
| DSE\_HUMAN | Dermatan-sulfate epimerase (DS epimerase) (EC 5.1.3.19) (Chondroitin-glucuronate 5-epimerase) (Squamous cell carcinoma antigen recognized by T-cells 2) (SART-2) |
| BAG5\_HUMAN | BAG family molecular chaperone regulator 5 (BAG-5) (Bcl-2-associated athanogene 5) |
| CFA45\_HUMAN | Cilia- and flagella-associated protein 45 (Coiled-coil domain-containing protein 19) (Nasopharyngeal epithelium-specific protein 1) |
| AGO1\_HUMAN | Protein argonaute-1 (Argonaute1) (hAgo1) (Argonaute RISC catalytic component 1) (Eukaryotic translation initiation factor 2C 1) (eIF-2C 1) (eIF2C 1) (Putative RNA-binding protein Q99) |
| RAB21\_HUMAN | Ras-related protein Rab-21 |
| RB22A\_HUMAN | Ras-related protein Rab-22A (Rab-22) |
| PSME2\_HUMAN | Proteasome activator complex subunit 2 (11S regulator complex subunit beta) (REG-beta) (Activator of multicatalytic protease subunit 2) (Proteasome activator 28 subunit beta) (PA28b) (PA28beta) |
| DNPEP\_HUMAN | Aspartyl aminopeptidase (EC 3.4.11.21) |
| MUCEN\_HUMAN | Endomucin (Endomucin-2) (Gastric cancer antigen Ga34) (Mucin-14) (MUC-14) |
| MCTS1\_HUMAN | Malignant T-cell-amplified sequence 1 (MCT-1) (Multiple copies T-cell malignancies) |
| PADI1\_HUMAN | Protein-arginine deiminase type-1 (EC 3.5.3.15) (Peptidylarginine deiminase I) (Protein-arginine deiminase type I) |
| OGDHL\_HUMAN | 2-oxoglutarate dehydrogenase-like, mitochondrial (EC 1.2.4.-) (2-oxoglutarate dehydrogenase complex component E1-like) (OGDC-E1-like) (Alpha-ketoglutarate dehydrogenase-like) |
| MTUS1\_HUMAN | Microtubule-associated tumor suppressor 1 (AT2 receptor-binding protein) (Angiotensin-II type 2 receptor-interacting protein) (Mitochondrial tumor suppressor 1) |
| BRPF3\_HUMAN | Bromodomain and PHD finger-containing protein 3 |
| KCNH3\_HUMAN | Potassium voltage-gated channel subfamily H member 3 (Brain-specific eag-like channel 1) (BEC1) (Ether-a-go-go-like potassium channel 2) (ELK channel 2) (ELK2) (Voltage-gated potassium channel subunit Kv12.2) |
| WWC3\_HUMAN | Protein WWC3 |
| CCPG1\_HUMAN | Cell cycle progression protein 1 (Cell cycle progression restoration protein 8) |
| ASAP1\_HUMAN | Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1 (130 kDa phosphatidylinositol 4,5-bisphosphate-dependent ARF1 GTPase-activating protein) (ADP-ribosylation factor-directed GTPase-activating protein 1) (ARF GTPase-activating protein 1) (Development and differentiation-enhancing factor 1) (DEF-1) (Differentiation-enhancing factor 1) (PIP2-dependent ARF1 GAP) |
| HEG1\_HUMAN | Protein HEG homolog 1 |
| ANR50\_HUMAN | Ankyrin repeat domain-containing protein 50 |
| YETS2\_HUMAN | YEATS domain-containing protein 2 |
| TBC24\_HUMAN | TBC1 domain family member 24 |
| STRP2\_HUMAN | Striatin-interacting protein 2 (Protein FAM40B) |
| TPC1\_HUMAN | Two pore calcium channel protein 1 (Voltage-dependent calcium channel protein TPC1) |
| TMCC3\_HUMAN | Transmembrane and coiled-coil domains protein 3 |
| HECD1\_HUMAN | E3 ubiquitin-protein ligase HECTD1 (EC 6.3.2.-) (E3 ligase for inhibin receptor) (EULIR) (HECT domain-containing protein 1) |
| COR1C\_HUMAN | Coronin-1C (Coronin-3) (hCRNN4) |
| RAB26\_HUMAN | Ras-related protein Rab-26 |
| CAH14\_HUMAN | Carbonic anhydrase 14 (EC 4.2.1.1) (Carbonate dehydratase XIV) (Carbonic anhydrase XIV) (CA-XIV) |
| ASC\_HUMAN | Apoptosis-associated speck-like protein containing a CARD (hASC) (Caspase recruitment domain-containing protein 5) (PYD and CARD domain-containing protein) (Target of methylation-induced silencing 1) |
| TMCO1\_HUMAN | Transmembrane and coiled-coil domain-containing protein 1 (Transmembrane and coiled-coil domains protein 4) (Xenogeneic cross-immune protein PCIA3) |
| APC10\_HUMAN | Anaphase-promoting complex subunit 10 (APC10) (Cyclosome subunit 10) |
| EPDR1\_HUMAN | Mammalian ependymin-related protein 1 (MERP-1) (Upregulated in colorectal cancer gene 1 protein) |
| ALK\_HUMAN | ALK tyrosine kinase receptor (EC 2.7.10.1) (Anaplastic lymphoma kinase) (CD antigen CD246) |
| SPAT2\_HUMAN | Spermatogenesis-associated protein 2 (Spermatogenesis-associated protein PD1) |
| DD19B\_HUMAN | ATP-dependent RNA helicase DDX19B (EC 3.6.4.13) (DEAD box RNA helicase DEAD5) (DEAD box protein 19B) |
| NFU1\_HUMAN | NFU1 iron-sulfur cluster scaffold homolog, mitochondrial (HIRA-interacting protein 5) |
| PRP19\_HUMAN | Pre-mRNA-processing factor 19 (EC 6.3.2.-) (Nuclear matrix protein 200) (PRP19/PSO4 homolog) (hPso4) (Senescence evasion factor) |
| SYNP2\_HUMAN | Synaptopodin-2 (Genethonin-2) (Myopodin) |
| UBQL1\_HUMAN | Ubiquilin-1 (Protein linking IAP with cytoskeleton 1) (PLIC-1) (hPLIC-1) |
| NENF\_HUMAN | Neudesin (Cell immortalization-related protein 2) (Neuron-derived neurotrophic factor) (Protein GIG47) (Secreted protein of unknown function) (SPUF protein) |
| SNX12\_HUMAN | Sorting nexin-12 |
| SYNRG\_HUMAN | Synergin gamma (AP1 subunit gamma-binding protein 1) (Gamma-synergin) |
| NDRG2\_HUMAN | Protein NDRG2 (N-myc downstream-regulated gene 2 protein) (Protein Syld709613) |
| VPS4A\_HUMAN | Vacuolar protein sorting-associated protein 4A (EC 3.6.4.6) (Protein SKD2) (VPS4-1) (hVPS4) |
| AT1B4\_HUMAN | Protein ATP1B4 (X,K-ATPase subunit beta-m) (X/potassium-transporting ATPase subunit beta-m) |
| G3BP2\_HUMAN | Ras GTPase-activating protein-binding protein 2 (G3BP-2) (GAP SH3 domain-binding protein 2) |
| CHIP\_HUMAN | E3 ubiquitin-protein ligase CHIP (EC 6.3.2.-) (Antigen NY-CO-7) (CLL-associated antigen KW-8) (Carboxy terminus of Hsp70-interacting protein) (STIP1 homology and U box-containing protein 1) |
| PACN2\_HUMAN | Protein kinase C and casein kinase substrate in neurons protein 2 (Syndapin-2) (Syndapin-II) |
| MAGD2\_HUMAN | Melanoma-associated antigen D2 (11B6) (Breast cancer-associated gene 1 protein) (BCG-1) (Hepatocellular carcinoma-associated protein JCL-1) (MAGE-D2 antigen) |
| SNX6\_HUMAN | Sorting nexin-6 (TRAF4-associated factor 2) [Cleaved into: Sorting nexin-6, N-terminally processed] |
| SSRG\_HUMAN | Translocon-associated protein subunit gamma (TRAP-gamma) (Signal sequence receptor subunit gamma) (SSR-gamma) |
| PSD13\_HUMAN | 26S proteasome non-ATPase regulatory subunit 13 (26S proteasome regulatory subunit RPN9) (26S proteasome regulatory subunit S11) (26S proteasome regulatory subunit p40.5) |
| FAF1\_HUMAN | FAS-associated factor 1 (hFAF1) (UBX domain-containing protein 12) (UBX domain-containing protein 3A) |
| PPIE\_HUMAN | Peptidyl-prolyl cis-trans isomerase E (PPIase E) (EC 5.2.1.8) (Cyclophilin E) (Cyclophilin-33) (Rotamase E) |
| CSN3\_HUMAN | COP9 signalosome complex subunit 3 (SGN3) (Signalosome subunit 3) (JAB1-containing signalosome subunit 3) |
| CP8B1\_HUMAN | 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase (EC 1.14.13.95) (7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase) (CYPVIIIB1) (Cytochrome P450 8B1) (Sterol 12-alpha-hydroxylase) |
| RL26L\_HUMAN | 60S ribosomal protein L26-like 1 |
| NSF1C\_HUMAN | NSFL1 cofactor p47 (UBX domain-containing protein 2C) (p97 cofactor p47) |
| PA24C\_HUMAN | Cytosolic phospholipase A2 gamma (cPLA2-gamma) (EC 3.1.1.4) (Phospholipase A2 group IVC) |
| BSN\_HUMAN | Protein bassoon (Zinc finger protein 231) |
| SRPK3\_HUMAN | SRSF protein kinase 3 (EC 2.7.11.1) (Muscle-specific serine kinase 1) (MSSK-1) (Serine/arginine-rich protein-specific kinase 3) (SR-protein-specific kinase 3) (Serine/threonine-protein kinase 23) |
| PLAL2\_HUMAN | Zinc finger protein PLAGL2 (Pleiomorphic adenoma-like protein 2) |
| MACF1\_HUMAN | Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5 (620 kDa actin-binding protein) (ABP620) (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) |
| CP131\_HUMAN | Centrosomal protein of 131 kDa (5-azacytidine-induced protein 1) (Pre-acrosome localization protein 1) |
| PP6R1\_HUMAN | Serine/threonine-protein phosphatase 6 regulatory subunit 1 (SAPS domain family member 1) |
| IQEC3\_HUMAN | IQ motif and SEC7 domain-containing protein 3 |
| LIMC1\_HUMAN | LIM and calponin homology domains-containing protein 1 |
| PZRN3\_HUMAN | E3 ubiquitin-protein ligase PDZRN3 (EC 6.3.2.-) (Ligand of Numb protein X 3) (PDZ domain-containing RING finger protein 3) (Semaphorin cytoplasmic domain-associated protein 3) (Protein SEMACAP3) |
| PLCL2\_HUMAN | Inactive phospholipase C-like protein 2 (PLC-L(2)) (PLC-L2) (Phospholipase C-L2) (Phospholipase C-epsilon-2) (PLC-epsilon-2) |
| JIP3\_HUMAN | C-Jun-amino-terminal kinase-interacting protein 3 (JIP-3) (JNK-interacting protein 3) (JNK MAP kinase scaffold protein 3) (Mitogen-activated protein kinase 8-interacting protein 3) |
| UBP24\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 24 (EC 3.4.19.12) (Deubiquitinating enzyme 24) (Ubiquitin thioesterase 24) (Ubiquitin-specific-processing protease 24) |
| SMAG1\_HUMAN | Protein Smaug homolog 1 (Smaug 1) (hSmaug1) (Sterile alpha motif domain-containing protein 4A) (SAM domain-containing protein 4A) |
| TRAK1\_HUMAN | Trafficking kinesin-binding protein 1 (106 kDa O-GlcNAc transferase-interacting protein) |
| UN13A\_HUMAN | Protein unc-13 homolog A (Munc13-1) |
| TUTLB\_HUMAN | Protein turtle homolog B (Immunoglobulin superfamily member 9B) (IgSF9B) |
| SHAN2\_HUMAN | SH3 and multiple ankyrin repeat domains protein 2 (Shank2) (Cortactin-binding protein 1) (CortBP1) (Proline-rich synapse-associated protein 1) |
| DICER\_HUMAN | Endoribonuclease Dicer (EC 3.1.26.3) (Helicase with RNase motif) (Helicase MOI) |
| XCT\_HUMAN | Cystine/glutamate transporter (Amino acid transport system xc-) (Calcium channel blocker resistance protein CCBR1) (Solute carrier family 7 member 11) (xCT) |
| MARE3\_HUMAN | Microtubule-associated protein RP/EB family member 3 (EB1 protein family member 3) (EBF3) (End-binding protein 3) (EB3) (RP3) |
| SHOC2\_HUMAN | Leucine-rich repeat protein SHOC-2 (Protein soc-2 homolog) (Protein sur-8 homolog) |
| SRRM2\_HUMAN | Serine/arginine repetitive matrix protein 2 (300 kDa nuclear matrix antigen) (Serine/arginine-rich splicing factor-related nuclear matrix protein of 300 kDa) (SR-related nuclear matrix protein of 300 kDa) (Ser/Arg-related nuclear matrix protein of 300 kDa) (Splicing coactivator subunit SRm300) (Tax-responsive enhancer element-binding protein 803) (TaxREB803) |
| PA2G4\_HUMAN | Proliferation-associated protein 2G4 (Cell cycle protein p38-2G4 homolog) (hG4-1) (ErbB3-binding protein 1) |
| CD11A\_HUMAN | Cyclin-dependent kinase 11A (EC 2.7.11.22) (Cell division cycle 2-like protein kinase 2) (Cell division protein kinase 11A) (Galactosyltransferase-associated protein kinase p58/GTA) (PITSLRE serine/threonine-protein kinase CDC2L2) |
| SPG7\_HUMAN | Paraplegin (EC 3.4.24.-) (Spastic paraplegia 7 protein) |
| SMC3\_HUMAN | Structural maintenance of chromosomes protein 3 (SMC protein 3) (SMC-3) (Basement membrane-associated chondroitin proteoglycan) (Bamacan) (Chondroitin sulfate proteoglycan 6) (Chromosome-associated polypeptide) (hCAP) |
| KCC2A\_HUMAN | Calcium/calmodulin-dependent protein kinase type II subunit alpha (CaM kinase II subunit alpha) (CaMK-II subunit alpha) (EC 2.7.11.17) |
| CHM2B\_HUMAN | Charged multivesicular body protein 2b (CHMP2.5) (Chromatin-modifying protein 2b) (CHMP2b) (Vacuolar protein sorting-associated protein 2-2) (Vps2-2) (hVps2-2) |
| ZN148\_HUMAN | Zinc finger protein 148 (Transcription factor ZBP-89) (Zinc finger DNA-binding protein 89) |
| MTMR6\_HUMAN | Myotubularin-related protein 6 (EC 3.1.3.-) |
| DMTF1\_HUMAN | Cyclin-D-binding Myb-like transcription factor 1 (hDMTF1) (Cyclin-D-interacting Myb-like protein 1) (hDMP1) |
| CN166\_HUMAN | UPF0568 protein C14orf166 (CLE7 homolog) (CLE) |
| RUVB2\_HUMAN | RuvB-like 2 (EC 3.6.4.12) (48 kDa TATA box-binding protein-interacting protein) (48 kDa TBP-interacting protein) (51 kDa erythrocyte cytosolic protein) (ECP-51) (INO80 complex subunit J) (Repressing pontin 52) (Reptin 52) (TIP49b) (TIP60-associated protein 54-beta) (TAP54-beta) |
| CDYL1\_HUMAN | Chromodomain Y-like protein (CDY-like) (EC 2.3.1.48) |
| ABEC2\_HUMAN | Probable C->U-editing enzyme APOBEC-2 (EC 3.5.4.-) |
| PIN4\_HUMAN | Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 (EC 5.2.1.8) (Parvulin-14) (Par14) (hPar14) (Parvulin-17) (Par17) (hPar17) (Peptidyl-prolyl cis-trans isomerase Pin4) (PPIase Pin4) (Peptidyl-prolyl cis/trans isomerase EPVH) (hEPVH) (Rotamase Pin4) |
| DLEC1\_HUMAN | |
| CLC11\_HUMAN | C-type lectin domain family 11 member A (C-type lectin superfamily member 3) (Lymphocyte secreted C-type lectin) (Stem cell growth factor) (p47) |
| HIG1A\_HUMAN | HIG1 domain family member 1A, mitochondrial (Hypoxia-inducible gene 1 protein) (RCF1 homolog A) (RCF1a) |
| LZTS1\_HUMAN | Leucine zipper putative tumor suppressor 1 (F37/esophageal cancer-related gene-coding leucine-zipper motif) (Fez1) |
| CHKB\_HUMAN | Choline/ethanolamine kinase (Choline kinase beta) (CK) (CKB) (EC 2.7.1.32) (Choline kinase-like protein) (Ethanolamine kinase) (EK) (EC 2.7.1.82) (Ethanolamine kinase beta) (EKB) (choline/ethanolamine kinase beta) (CKEKB) |
| EIF3L\_HUMAN | Eukaryotic translation initiation factor 3 subunit L (eIF3l) (Eukaryotic translation initiation factor 3 subunit 6-interacting protein) (Eukaryotic translation initiation factor 3 subunit E-interacting protein) |
| PLAP\_HUMAN | Phospholipase A-2-activating protein (PLA2P) (PLAP) |
| RUVB1\_HUMAN | RuvB-like 1 (EC 3.6.4.12) (49 kDa TATA box-binding protein-interacting protein) (49 kDa TBP-interacting protein) (54 kDa erythrocyte cytosolic protein) (ECP-54) (INO80 complex subunit H) (Nuclear matrix protein 238) (NMP 238) (Pontin 52) (TIP49a) (TIP60-associated protein 54-alpha) (TAP54-alpha) |
| NUDC\_HUMAN | Nuclear migration protein nudC (Nuclear distribution protein C homolog) |
| BCS1\_HUMAN | Mitochondrial chaperone BCS1 (h-BCS1) (BCS1-like protein) |
| VDAC3\_HUMAN | Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) |
| COF2\_HUMAN | Cofilin-2 (Cofilin, muscle isoform) |
| SYFA\_HUMAN | Phenylalanine--tRNA ligase alpha subunit (EC 6.1.1.20) (CML33) (Phenylalanyl-tRNA synthetase alpha subunit) (PheRS) |
| RT33\_HUMAN | 28S ribosomal protein S33, mitochondrial (MRP-S33) (S33mt) |
| DRG1\_HUMAN | Developmentally-regulated GTP-binding protein 1 (DRG-1) (Neural precursor cell expressed developmentally down-regulated protein 3) (NEDD-3) |
| TPPC4\_HUMAN | Trafficking protein particle complex subunit 4 (Hematopoietic stem/progenitor cell protein 172) (Synbindin) (TRS23 homolog) |
| FBW1A\_HUMAN | F-box/WD repeat-containing protein 1A (E3RSIkappaB) (Epididymis tissue protein Li 2a) (F-box and WD repeats protein beta-TrCP) (pIkappaBalpha-E3 receptor subunit) |
| NCKP1\_HUMAN | Nck-associated protein 1 (NAP 1) (Membrane-associated protein HEM-2) (p125Nap1) |
| CNPY2\_HUMAN | Protein canopy homolog 2 (MIR-interacting saposin-like protein) (Putative secreted protein Zsig9) (Transmembrane protein 4) |
| EXOG\_HUMAN | Nuclease EXOG, mitochondrial (EC 3.1.30.-) (Endonuclease G-like 1) (Endo G-like 1) |
| EXC6B\_HUMAN | Exocyst complex component 6B (Exocyst complex component Sec15B) (SEC15-like protein 2) |
| AKAP2\_HUMAN | A-kinase anchor protein 2 (AKAP-2) (AKAP-KL) (Protein kinase A-anchoring protein 2) (PRKA2) |
| DIP2C\_HUMAN | Disco-interacting protein 2 homolog C (DIP2 homolog C) |
| BTBD3\_HUMAN | BTB/POZ domain-containing protein 3 |
| ANKR6\_HUMAN | Ankyrin repeat domain-containing protein 6 (Diversin) |
| DJC16\_HUMAN | DnaJ homolog subfamily C member 16 |
| DLGP4\_HUMAN | Disks large-associated protein 4 (DAP-4) (PSD-95/SAP90-binding protein 4) (SAP90/PSD-95-associated protein 4) (SAPAP-4) |
| ST38L\_HUMAN | Serine/threonine-protein kinase 38-like (EC 2.7.11.1) (NDR2 protein kinase) (Nuclear Dbf2-related kinase 2) |
| FND3A\_HUMAN | Fibronectin type-III domain-containing protein 3A (Human gene expressed in odontoblasts) |
| NISCH\_HUMAN | Nischarin (Imidazoline receptor 1) (I-1) (IR1) (Imidazoline receptor antisera-selected protein) (hIRAS) (Imidazoline-1 receptor) (I1R) (Imidazoline-1 receptor candidate protein) (I-1 receptor candidate protein) (I1R candidate protein) |
| FYV1\_HUMAN | 1-phosphatidylinositol 3-phosphate 5-kinase (Phosphatidylinositol 3-phosphate 5-kinase) (EC 2.7.1.150) (FYVE finger-containing phosphoinositide kinase) (PIKfyve) (Phosphatidylinositol 3-phosphate 5-kinase type III) (PIPkin-III) (Type III PIP kinase) |
| WDR37\_HUMAN | WD repeat-containing protein 37 |
| RP3A\_HUMAN | Rabphilin-3A (Exophilin-1) |
| E41L3\_HUMAN | Band 4.1-like protein 3 (4.1B) (Differentially expressed in adenocarcinoma of the lung protein 1) (DAL-1) [Cleaved into: Band 4.1-like protein 3, N-terminally processed] |
| PADI2\_HUMAN | Protein-arginine deiminase type-2 (EC 3.5.3.15) (PAD-H19) (Peptidylarginine deiminase II) (Protein-arginine deiminase type II) |
| SIK3\_HUMAN | Serine/threonine-protein kinase SIK3 (EC 2.7.11.1) (Salt-inducible kinase 3) (SIK-3) (Serine/threonine-protein kinase QSK) |
| MYH15\_HUMAN | Myosin-15 (Myosin heavy chain 15) |
| R3HD2\_HUMAN | R3H domain-containing protein 2 |
| UBP20\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 20 (EC 3.4.19.12) (Deubiquitinating enzyme 20) (Ubiquitin thioesterase 20) (Ubiquitin-specific-processing protease 20) (VHL-interacting deubiquitinating enzyme 2) (hVDU2) |
| FAN1\_HUMAN | Fanconi-associated nuclease 1 (EC 3.1.21.-) (EC 3.1.4.1) (FANCD2/FANCI-associated nuclease 1) (hFAN1) (Myotubularin-related protein 15) |
| HIF3A\_HUMAN | Hypoxia-inducible factor 3-alpha (HIF-3-alpha) (HIF3-alpha) (Basic-helix-loop-helix-PAS protein MOP7) (Class E basic helix-loop-helix protein 17) (bHLHe17) (HIF3-alpha-1) (Inhibitory PAS domain protein) (IPAS) (Member of PAS protein 7) (PAS domain-containing protein 7) |
| RCL1\_HUMAN | RNA 3'-terminal phosphate cyclase-like protein |
| AT8A1\_HUMAN | Phospholipid-transporting ATPase IA (EC 3.6.3.1) (ATPase class I type 8A member 1) (Chromaffin granule ATPase II) (P4-ATPase flippase complex alpha subunit ATP8A1) |
| GSTK1\_HUMAN | Glutathione S-transferase kappa 1 (EC 2.5.1.18) (GST 13-13) (GST class-kappa) (GSTK1-1) (hGSTK1) (Glutathione S-transferase subunit 13) |
| RT28\_HUMAN | 28S ribosomal protein S28, mitochondrial (MRP-S28) (S28mt) (28S ribosomal protein S35, mitochondrial) (MRP-S35) (S35mt) |
| COA3\_HUMAN | Cytochrome c oxidase assembly factor 3 homolog, mitochondrial (Coiled-coil domain-containing protein 56) (Mitochondrial translation regulation assembly intermediate of cytochrome c oxidase protein of 12 kDa) |
| RT17\_HUMAN | 28S ribosomal protein S17, mitochondrial (MRP-S17) (S17mt) |
| RT07\_HUMAN | 28S ribosomal protein S7, mitochondrial (MRP-S7) (S7mt) (bMRP-27a) (bMRP27a) |
| CRYL1\_HUMAN | Lambda-crystallin homolog (EC 1.1.1.45) (L-gulonate 3-dehydrogenase) (Gul3DH) |
| TMA7\_HUMAN | Translation machinery-associated protein 7 (Coiled-coil domain-containing protein 72) |
| PDIP2\_HUMAN | Polymerase delta-interacting protein 2 (38 kDa DNA polymerase delta interaction protein) (p38) |
| CHSP1\_HUMAN | Calcium-regulated heat stable protein 1 (Calcium-regulated heat-stable protein of 24 kDa) (CRHSP-24) |
| TR150\_HUMAN | Thyroid hormone receptor-associated protein 3 (Thyroid hormone receptor-associated protein complex 150 kDa component) (Trap150) |
| NOP58\_HUMAN | Nucleolar protein 58 (Nucleolar protein 5) |
| GIT1\_HUMAN | ARF GTPase-activating protein GIT1 (ARF GAP GIT1) (Cool-associated and tyrosine-phosphorylated protein 1) (CAT-1) (CAT1) (G protein-coupled receptor kinase-interactor 1) (GRK-interacting protein 1) |
| UB2D4\_HUMAN | Ubiquitin-conjugating enzyme E2 D4 (EC 2.3.2.23) (E2 ubiquitin-conjugating enzyme D4) (HBUCE1) (Ubiquitin carrier protein D4) (Ubiquitin-protein ligase D4) |
| SGT1\_HUMAN | Protein SGT1 homolog (Protein 40-6-3) (Sgt1) (Suppressor of G2 allele of SKP1 homolog) |
| SYYM\_HUMAN | Tyrosine--tRNA ligase, mitochondrial (EC 6.1.1.1) (Tyrosyl-tRNA synthetase) (TyrRS) |
| COQ6\_HUMAN | Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial (EC 1.14.13.-) (Coenzyme Q10 monooxygenase 6) |
| ACOT9\_HUMAN | Acyl-coenzyme A thioesterase 9, mitochondrial (Acyl-CoA thioesterase 9) (EC 3.1.2.-) (Acyl-CoA thioester hydrolase 9) |
| AAR2\_HUMAN | Protein AAR2 homolog (AAR2 splicing factor homolog) |
| MEMO1\_HUMAN | Protein MEMO1 (C21orf19-like protein) (Hepatitis C virus NS5A-transactivated protein 7) (HCV NS5A-transactivated protein 7) (Mediator of ErbB2-driven cell motility 1) (Mediator of cell motility 1) (Memo-1) |
| TMX2\_HUMAN | Thioredoxin-related transmembrane protein 2 (Cell proliferation-inducing gene 26 protein) (Thioredoxin domain-containing protein 14) |
| LSM2\_HUMAN | U6 snRNA-associated Sm-like protein LSm2 (Protein G7b) (Small nuclear ribonuclear protein D homolog) (snRNP core Sm-like protein Sm-x5) |
| PCTL\_HUMAN | PCTP-like protein (PCTP-L) (Antigen NY-CO-28) (START domain-containing protein 10) (StARD10) (Serologically defined colon cancer antigen 28) (StAR-related lipid transfer protein 10) |
| SHLB1\_HUMAN | Endophilin-B1 (Bax-interacting factor 1) (Bif-1) (SH3 domain-containing GRB2-like protein B1) |
| CIA30\_HUMAN | Complex I intermediate-associated protein 30, mitochondrial (NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 1) |
| CAB39\_HUMAN | Calcium-binding protein 39 (MO25alpha) (Protein Mo25) |
| LC7L2\_HUMAN | Putative RNA-binding protein Luc7-like 2 |
| DHRS7\_HUMAN | Dehydrogenase/reductase SDR family member 7 (EC 1.1.-.-) (Retinal short-chain dehydrogenase/reductase 4) (retSDR4) (Short chain dehydrogenase/reductase family 34C member 1) |
| RT02\_HUMAN | 28S ribosomal protein S2, mitochondrial (MRP-S2) (S2mt) |
| PHOCN\_HUMAN | MOB-like protein phocein (2C4D) (Class II mMOB1) (Mob1 homolog 3) (Mob3) (Mps one binder kinase activator-like 3) (Preimplantation protein 3) |
| SBDS\_HUMAN | Ribosome maturation protein SBDS (Shwachman-Bodian-Diamond syndrome protein) |
| TMED7\_HUMAN | Transmembrane emp24 domain-containing protein 7 (p24 family protein gamma-3) (p24gamma3) (p27) |
| RM11\_HUMAN | 39S ribosomal protein L11, mitochondrial (L11mt) (MRP-L11) |
| ORN\_HUMAN | Oligoribonuclease, mitochondrial (EC 3.1.-.-) (RNA exonuclease 2 homolog) (Small fragment nuclease) |
| PPIL1\_HUMAN | Peptidyl-prolyl cis-trans isomerase-like 1 (PPIase) (EC 5.2.1.8) (Rotamase PPIL1) |
| UFC1\_HUMAN | Ubiquitin-fold modifier-conjugating enzyme 1 (Ufm1-conjugating enzyme 1) |
| MSRB2\_HUMAN | Methionine-R-sulfoxide reductase B2, mitochondrial (MsrB2) (EC 1.8.4.-) |
| RT16\_HUMAN | 28S ribosomal protein S16, mitochondrial (MRP-S16) (S16mt) |
| FIS1\_HUMAN | Mitochondrial fission 1 protein (FIS1 homolog) (hFis1) (Tetratricopeptide repeat protein 11) (TPR repeat protein 11) |
| TIM16\_HUMAN | Mitochondrial import inner membrane translocase subunit TIM16 (Mitochondria-associated granulocyte macrophage CSF-signaling molecule) (Presequence translocated-associated motor subunit PAM16) |
| RT23\_HUMAN | 28S ribosomal protein S23, mitochondrial (MRP-S23) (S23mt) |
| GOT1B\_HUMAN | Vesicle transport protein GOT1B (Germ cell tumor 2) (Golgi transport 1 homolog B) (Putative NF-kappa-B-activating protein 470) (hGOT1a) |
| BOLA1\_HUMAN | BolA-like protein 1 (hBolA) |
| PTH2\_HUMAN | Peptidyl-tRNA hydrolase 2, mitochondrial (PTH 2) (EC 3.1.1.29) (Bcl-2 inhibitor of transcription 1) |
| CHMP3\_HUMAN | Charged multivesicular body protein 3 (Chromatin-modifying protein 3) (Neuroendocrine differentiation factor) (Vacuolar protein sorting-associated protein 24) (hVps24) |
| STRAP\_HUMAN | Serine-threonine kinase receptor-associated protein (MAP activator with WD repeats) (UNR-interacting protein) (WD-40 repeat protein PT-WD) |
| RTCB\_HUMAN | tRNA-splicing ligase RtcB homolog (EC 6.5.1.3) |
| RAP2C\_HUMAN | Ras-related protein Rap-2c |
| RBGP1\_HUMAN | Rab GTPase-activating protein 1 (GAP and centrosome-associated protein) (Rab6 GTPase-activating protein GAPCenA) |
| T22D4\_HUMAN | TSC22 domain family protein 4 (TSC22-related-inducible leucine zipper protein 2) (Tsc-22-like protein THG-1) |
| DOP2\_HUMAN | Protein dopey-2 |
| WNK2\_HUMAN | Serine/threonine-protein kinase WNK2 (EC 2.7.11.1) (Antigen NY-CO-43) (Protein kinase lysine-deficient 2) (Protein kinase with no lysine 2) (Serologically defined colon cancer antigen 43) |
| ZN330\_HUMAN | Zinc finger protein 330 (Nucleolar autoantigen 36) (Nucleolar cysteine-rich protein) |
| R3HC1\_HUMAN | R3H and coiled-coil domain-containing protein 1 |
| NOC2L\_HUMAN | Nucleolar complex protein 2 homolog (Protein NOC2 homolog) (NOC2-like protein) (Novel INHAT repressor) |
| RL36\_HUMAN | 60S ribosomal protein L36 |
| CCDC9\_HUMAN | Coiled-coil domain-containing protein 9 |
| CHTOP\_HUMAN | Chromatin target of PRMT1 protein (Friend of PRMT1 protein) (Small arginine- and glycine-rich protein) (SRAG) |
| SAMH1\_HUMAN | Deoxynucleoside triphosphate triphosphohydrolase SAMHD1 (dNTPase) (EC 3.1.5.-) (Dendritic cell-derived IFNG-induced protein) (DCIP) (Monocyte protein 5) (MOP-5) (SAM domain and HD domain-containing protein 1) |
| HBS1L\_HUMAN | HBS1-like protein (ERFS) |
| AAKB1\_HUMAN | 5'-AMP-activated protein kinase subunit beta-1 (AMPK subunit beta-1) (AMPKb) |
| DMXL1\_HUMAN | DmX-like protein 1 (X-like 1 protein) |
| TLN1\_HUMAN | Talin-1 |
| KIF3A\_HUMAN | Kinesin-like protein KIF3A (Microtubule plus end-directed kinesin motor 3A) |
| ARIP4\_HUMAN | Helicase ARIP4 (EC 3.6.4.12) (Androgen receptor-interacting protein 4) (RAD54-like protein 2) |
| VPRBP\_HUMAN | Protein VPRBP (DDB1- and CUL4-associated factor 1) (HIV-1 Vpr-binding protein) (VprBP) (Serine/threonine-protein kinase VPRBP) (EC 2.7.11.1) (Vpr-interacting protein) |
| FA21C\_HUMAN | WASH complex subunit FAM21C (Vaccinia virus penetration factor) (VPEF) |
| UBP15\_HUMAN | Ubiquitin carboxyl-terminal hydrolase 15 (EC 3.4.19.12) (Deubiquitinating enzyme 15) (Ubiquitin thioesterase 15) (Ubiquitin-specific-processing protease 15) (Unph-2) (Unph4) |
| C170B\_HUMAN | Centrosomal protein of 170 kDa protein B (Centrosomal protein 170B) (Cep170B) |
| FA65B\_HUMAN | Protein FAM65B |
| TLN2\_HUMAN | Talin-2 |
| IRS2\_HUMAN | Insulin receptor substrate 2 (IRS-2) |
| DTNA\_HUMAN | Dystrobrevin alpha (DTN-A) (Alpha-dystrobrevin) (Dystrophin-related protein 3) |
| AIM1\_HUMAN | Absent in melanoma 1 protein (Beta/gamma crystallin domain-containing protein 1) |
| HYOU1\_HUMAN | Hypoxia up-regulated protein 1 (150 kDa oxygen-regulated protein) (ORP-150) (170 kDa glucose-regulated protein) (GRP-170) |
| ATG4B\_HUMAN | Cysteine protease ATG4B (EC 3.4.22.-) (AUT-like 1 cysteine endopeptidase) (Autophagin-1) (Autophagy-related cysteine endopeptidase 1) (Autophagy-related protein 4 homolog B) (hAPG4B) |
| TBL2\_HUMAN | Transducin beta-like protein 2 (WS beta-transducin repeats protein) (WS-betaTRP) (Williams-Beuren syndrome chromosomal region 13 protein) |
| AFG32\_HUMAN | AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) |
| ARI1\_HUMAN | E3 ubiquitin-protein ligase ARIH1 (EC 6.3.2.-) (H7-AP2) (HHARI) (Monocyte protein 6) (MOP-6) (Protein ariadne-1 homolog) (ARI-1) (UbcH7-binding protein) (UbcM4-interacting protein) (Ubiquitin-conjugating enzyme E2-binding protein 1) |
| LSM4\_HUMAN | U6 snRNA-associated Sm-like protein LSm4 (Glycine-rich protein) (GRP) |
| NGN3\_HUMAN | Neurogenin-3 (NGN-3) (Class A basic helix-loop-helix protein 7) (bHLHa7) (Protein atonal homolog 5) |
| RN114\_HUMAN | E3 ubiquitin-protein ligase RNF114 (EC 6.3.2.-) (RING finger protein 114) (Zinc finger protein 228) (Zinc finger protein 313) |
| SAM50\_HUMAN | Sorting and assembly machinery component 50 homolog (Transformation-related gene 3 protein) (TRG-3) |
| PAL4A\_HUMAN | Peptidyl-prolyl cis-trans isomerase A-like 4A (PPIase A-like 4A) (EC 5.2.1.8) (Chromosome one-amplified sequence 2) (COAS-2) (Cyclophilin homolog overexpressed in liver cancer) |
| PPME1\_HUMAN | Protein phosphatase methylesterase 1 (PME-1) (EC 3.1.1.89) |
| IPP\_HUMAN | Actin-binding protein IPP (Intracisternal A particle-promoted polypeptide) (IPP) (Kelch-like protein 27) |
| ASB1\_HUMAN | Ankyrin repeat and SOCS box protein 1 (ASB-1) |
| CEP83\_HUMAN | Centrosomal protein of 83 kDa (Cep83) (Coiled-coil domain-containing protein 41) (Renal carcinoma antigen NY-REN-58) |
| NUB1\_HUMAN | NEDD8 ultimate buster 1 (Negative regulator of ubiquitin-like proteins 1) (Renal carcinoma antigen NY-REN-18) |
| CTDP1\_HUMAN | RNA polymerase II subunit A C-terminal domain phosphatase (EC 3.1.3.16) (TFIIF-associating CTD phosphatase) |
| PCDGJ\_HUMAN | Protocadherin gamma-B7 (PCDH-gamma-B7) |
| PCDG6\_HUMAN | Protocadherin gamma-A6 (PCDH-gamma-A6) |
| PCDGA\_HUMAN | Protocadherin gamma-A10 (PCDH-gamma-A10) |
| PCDA5\_HUMAN | Protocadherin alpha-5 (PCDH-alpha-5) |
| UTP18\_HUMAN | U3 small nucleolar RNA-associated protein 18 homolog (WD repeat-containing protein 50) |
| T10B\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim10 B (Fracture callus protein 1) (FxC1) (Mitochondrial import inner membrane translocase subunit Tim9 B) (TIMM10B) (Tim10b) |
| TIM9\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim9 |
| TIM8B\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim8 B (DDP-like protein) (Deafness dystonia protein 2) |
| PCY1B\_HUMAN | Choline-phosphate cytidylyltransferase B (EC 2.7.7.15) (CCT-beta) (CTP:phosphocholine cytidylyltransferase B) (CCT B) (CT B) (Phosphorylcholine transferase B) |
| UCHL5\_HUMAN | Ubiquitin carboxyl-terminal hydrolase isozyme L5 (UCH-L5) (EC 3.4.19.12) (Ubiquitin C-terminal hydrolase UCH37) (Ubiquitin thioesterase L5) |
| CD2AP\_HUMAN | CD2-associated protein (Adapter protein CMS) (Cas ligand with multiple SH3 domains) |
| TNPO3\_HUMAN | Transportin-3 (Importin-12) (Imp12) (Transportin-SR) (TRN-SR) |
| TIM13\_HUMAN | Mitochondrial import inner membrane translocase subunit Tim13 |
| SRPRB\_HUMAN | Signal recognition particle receptor subunit beta (SR-beta) (Protein APMCF1) |
| C43BP\_HUMAN | Collagen type IV alpha-3-binding protein (Ceramide transfer protein) (hCERT) (Goodpasture antigen-binding protein) (GPBP) (START domain-containing protein 11) (StARD11) (StAR-related lipid transfer protein 11) |
| GMPPB\_HUMAN | Mannose-1-phosphate guanyltransferase beta (EC 2.7.7.13) (GDP-mannose pyrophosphorylase B) (GTP-mannose-1-phosphate guanylyltransferase beta) |
| RBM8A\_HUMAN | RNA-binding protein 8A (Binder of OVCA1-1) (BOV-1) (RNA-binding motif protein 8A) (RNA-binding protein Y14) (Ribonucleoprotein RBM8A) |
| MPC1\_HUMAN | Mitochondrial pyruvate carrier 1 (Brain protein 44-like protein) |
| ZN706\_HUMAN | Zinc finger protein 706 |
| SNX14\_HUMAN | Sorting nexin-14 |
| SNX9\_HUMAN | Sorting nexin-9 (SH3 and PX domain-containing protein 1) (Protein SDP1) (SH3 and PX domain-containing protein 3A) |
| SNX5\_HUMAN | Sorting nexin-5 |
| NUBP2\_HUMAN | Cytosolic Fe-S cluster assembly factor NUBP2 (Nucleotide-binding protein 2) (NBP 2) |
| HEBP2\_HUMAN | Heme-binding protein 2 (Placental protein 23) (PP23) (Protein SOUL) |
| HCFC2\_HUMAN | Host cell factor 2 (HCF-2) (C2 factor) |
| TRUA\_HUMAN | tRNA pseudouridine synthase A, mitochondrial (EC 5.4.99.12) (tRNA pseudouridine(38-40) synthase) (tRNA pseudouridylate synthase I) (tRNA-uridine isomerase I) |
| LRRF2\_HUMAN | Leucine-rich repeat flightless-interacting protein 2 (LRR FLII-interacting protein 2) |
| FHOD1\_HUMAN | FH1/FH2 domain-containing protein 1 (Formin homolog overexpressed in spleen 1) (FHOS) (Formin homology 2 domain-containing protein 1) |
| NCOR2\_HUMAN | Nuclear receptor corepressor 2 (N-CoR2) (CTG repeat protein 26) (SMAP270) (Silencing mediator of retinoic acid and thyroid hormone receptor) (SMRT) (T3 receptor-associating factor) (TRAC) (Thyroid-, retinoic-acid-receptor-associated corepressor) |
| ORNT1\_HUMAN | Mitochondrial ornithine transporter 1 (Solute carrier family 25 member 15) |
| MYH4\_HUMAN | Myosin-4 (Myosin heavy chain 2b) (MyHC-2b) (Myosin heavy chain 4) (Myosin heavy chain IIb) (MyHC-IIb) (Myosin heavy chain, skeletal muscle, fetal) |
| NPTN\_HUMAN | Neuroplastin (Stromal cell-derived receptor 1) (SDR-1) |
| ALG5\_HUMAN | Dolichyl-phosphate beta-glucosyltransferase (DolP-glucosyltransferase) (EC 2.4.1.117) (Asparagine-linked glycosylation protein 5 homolog) |
| RT18B\_HUMAN | 28S ribosomal protein S18b, mitochondrial (MRP-S18-b) (Mrps18-b) (S18mt-b) (28S ribosomal protein S18-2, mitochondrial) (MRP-S18-2) |
| COPG1\_HUMAN | Coatomer subunit gamma-1 (Gamma-1-coat protein) (Gamma-1-COP) |
| AUP1\_HUMAN | Ancient ubiquitous protein 1 |
| CLIC4\_HUMAN | Chloride intracellular channel protein 4 (Intracellular chloride ion channel protein p64H1) |
| NFS1\_HUMAN | Cysteine desulfurase, mitochondrial (EC 2.8.1.7) |
| SAR1B\_HUMAN | GTP-binding protein SAR1b (GTP-binding protein B) (GTBPB) |
| EMIL1\_HUMAN | EMILIN-1 (Elastin microfibril interface-located protein 1) (Elastin microfibril interfacer 1) |
| MTCH2\_HUMAN | Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) |
| BIG2\_HUMAN | Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) (ADP-ribosylation factor guanine nucleotide-exchange factor 2) |
| BIG1\_HUMAN | Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (ADP-ribosylation factor guanine nucleotide-exchange factor 1) (p200 ARF guanine nucleotide exchange factor) (p200 ARF-GEP1) |
| BZW2\_HUMAN | Basic leucine zipper and W2 domain-containing protein 2 |
| MRVI1\_HUMAN | Protein MRVI1 (Inositol 1,4,5-trisphosphate receptor-associated cGMP kinase substrate) (JAW1-related protein MRVI1) |
| RM42\_HUMAN | 39S ribosomal protein L42, mitochondrial (L42mt) (MRP-L42) (28S ribosomal protein S32, mitochondrial) (MRP-S32) (S32mt) (39S ribosomal protein L31, mitochondrial) (L31mt) (MRP-L31) |
| COMDA\_HUMAN | COMM domain-containing protein 10 |
| DC1L1\_HUMAN | Cytoplasmic dynein 1 light intermediate chain 1 (LIC1) (Dynein light chain A) (DLC-A) (Dynein light intermediate chain 1, cytosolic) |
| CHCH2\_HUMAN | Coiled-coil-helix-coiled-coil-helix domain-containing protein 2 (Aging-associated gene 10 protein) (HCV NS2 trans-regulated protein) (NS2TP) |
| EPN1\_HUMAN | Epsin-1 (EH domain-binding mitotic phosphoprotein) (EPS-15-interacting protein 1) |
| TX264\_HUMAN | Testis-expressed sequence 264 protein (Putative secreted protein Zsig11) |
| CEPT1\_HUMAN | Choline/ethanolaminephosphotransferase 1 (hCEPT1) (EC 2.7.8.1) (EC 2.7.8.2) |
| OAS3\_HUMAN | 2'-5'-oligoadenylate synthase 3 ((2-5')oligo(A) synthase 3) (2-5A synthase 3) (EC 2.7.7.84) (p100 OAS) (p100OAS) |
| NDUB9\_HUMAN | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 (Complex I-B22) (CI-B22) (LYR motif-containing protein 3) (NADH-ubiquinone oxidoreductase B22 subunit) |
| COX11\_HUMAN | Cytochrome c oxidase assembly protein COX11, mitochondrial |
| SQRD\_HUMAN | Sulfide:quinone oxidoreductase, mitochondrial (SQOR) (EC 1.8.5.-) |
| SESN1\_HUMAN | Sestrin-1 (p53-regulated protein PA26) |
| M3K4\_HUMAN | Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAP three kinase 1) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4) |
| CCD61\_HUMAN | Coiled-coil domain-containing protein 61 |
| PCLO\_HUMAN | Protein piccolo (Aczonin) |
| CAN7\_HUMAN | Calpain-7 (EC 3.4.22.-) (PalB homolog) (PalBH) |
| ENPP4\_HUMAN | Bis(5'-adenosyl)-triphosphatase ENPP4 (EC 3.6.1.29) (AP3A hydrolase) (AP3Aase) (Ectonucleotide pyrophosphatase/phosphodiesterase family member 4) (E-NPP 4) (NPP-4) |
| S23IP\_HUMAN | SEC23-interacting protein (p125) |
| A0A024QYR8\_HUMAN | Dinucleotide oxidase disulfide thiol exchanger 3 superfamily member 2 (Transmembrane 9 superfamily member 2) |
| A0A024QYW3\_HUMAN | Proteolipid protein 2 (Colonic epithelium-enriched), isoform CRA\_a |
| A0A024QZ22\_HUMAN | PRA1 domain family, member 2, isoform CRA\_a |
| A0A024QZD1\_HUMAN | 60S ribosomal protein L18 |
| A0A024QZF2\_HUMAN | Related RAS viral (R-ras) oncogene homolog, isoform CRA\_a |
| A0A024QZJ6\_HUMAN | Myosin, heavy polypeptide 11, smooth muscle, isoform CRA\_b |
| A0A024QZM6\_HUMAN | SEC24 related gene family, member C (S. cerevisiae), isoform CRA\_a |
| A0A024QZN4\_HUMAN | Vinculin, isoform CRA\_c |
| A0A024QZQ8\_HUMAN | Synaptopodin 2-like, isoform CRA\_a |
| A0A024QZS4\_HUMAN | Peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) |
| A0A024QZT0\_HUMAN | Voltage-dependent anion channel 2, isoform CRA\_c |
| A0A024QZX3\_HUMAN | Serpin peptidase inhibitor, clade B (Ovalbumin), member 6, isoform CRA\_a |
| A0A024R001\_HUMAN | Transmembrane protein 14C, isoform CRA\_a |
| A0A024R012\_HUMAN | NAD-dependent protein deacylase sirtuin-5, mitochondrial (EC 3.5.1.-) (Regulatory protein SIR2 homolog 5) (SIR2-like protein 5) |
| A0A024R0H7\_HUMAN | WD repeat domain 77, isoform CRA\_a |
| A0A024R0L6\_HUMAN | Platelet-activating factor acetylhydrolase, isoform Ib, gamma subunit 29kDa, isoform CRA\_a |
| A0A024R0Q7\_HUMAN | Serine/threonine-protein phosphatase (EC 3.1.3.16) |
| A0A024R0Y5\_HUMAN | ATP-dependent 6-phosphofructokinase (ATP-PFK) (Phosphofructokinase) (EC 2.7.1.11) (Phosphohexokinase) |
| A0A024R118\_HUMAN | Methyltransferase like 7A, isoform CRA\_a |
| A0A024R1E4\_HUMAN | Mitochondrial protein 18 kDa, isoform CRA\_a |
| A0A024R1I3\_HUMAN | Pyridoxal (Pyridoxine, vitamin B6) phosphatase, isoform CRA\_a |
| A0A024R1K7\_HUMAN | Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide, isoform CRA\_b |
| A0A024R1K8\_HUMAN | Splicing factor 3a, subunit 1, 120kDa, isoform CRA\_a |
| A0A024R1K9\_HUMAN | Parvalbumin, isoform CRA\_a |
| A0A024R1N1\_HUMAN | Myosin, heavy polypeptide 9, non-muscle, isoform CRA\_a |
| A0A024R1P2\_HUMAN | Ras-related C3 botulinum toxin substrate 2 (Rho family, small GTP binding protein Rac2), isoform CRA\_a |
| A0A024R1P7\_HUMAN | Unc-84 homolog B (C. elegans), isoform CRA\_b |
| A0A024R1Q8\_HUMAN | Ribosomal protein L23, isoform CRA\_b |
| A0A024R1V4\_HUMAN | 60S ribosomal protein L27 |
| A0A024R1X3\_HUMAN | Vacuolar protein sorting 25 (Yeast), isoform CRA\_a |
| A0A024R1Z6\_HUMAN | Vesicle amine transport protein 1 homolog (T californica), isoform CRA\_a |
| A0A024R2F9\_HUMAN | Transmembrane protein 43, isoform CRA\_a |
| A0A024R2G7\_HUMAN | Ribosomal protein L32, isoform CRA\_a |
| A0A024R2K1\_HUMAN | RAB5A, member RAS oncogene family, isoform CRA\_a |
| A0A024R2M7\_HUMAN | Oxidative-stress responsive 1, isoform CRA\_a |
| A0A024R2Q5\_HUMAN | Myosin, light polypeptide 3, alkali ventricular, skeletal, slow, isoform CRA\_a |
| A0A024R2U9\_HUMAN | N-acylaminoacyl-peptide hydrolase, isoform CRA\_b |
| A0A024R324\_HUMAN | Ras homolog gene family, member A, isoform CRA\_a |
| A0A024R3H9\_HUMAN | Solute carrier family 37 (Glycerol-6-phosphate transporter), member 4, isoform CRA\_a |
| A0A024R3V8\_HUMAN | Translin-associated factor X, isoform CRA\_c |
| A0A024R4A0\_HUMAN | Nucleolin, isoform CRA\_b |
| A0A024R4B3\_HUMAN | NADH dehydrogenase (Ubiquinone) 1 alpha subcomplex, 10, 42kDa, isoform CRA\_b |
| A0A024R4E2\_HUMAN | TAR DNA binding protein, isoform CRA\_b |
| A0A024R4M0\_HUMAN | Ribosomal protein S9, isoform CRA\_a |
| A0A024R4Q8\_HUMAN | Ribosomal protein S5, isoform CRA\_a |
| A0A024R4T4\_HUMAN | Ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast), isoform CRA\_a |
| A0A024R4U3\_HUMAN | Tubulin tyrosine ligase-like family, member 12, isoform CRA\_a |
| A0A024R578\_HUMAN | Mitochondrial ribosomal protein L49, isoform CRA\_b |
| A0A024R5C4\_HUMAN | Reticulon |
| A0A024R5K6\_HUMAN | NADH dehydrogenase [ubiquinone] 1 subunit C2 |
| A0A024R608\_HUMAN | Ribosomal protein, large, P1, isoform CRA\_a |
| A0A024R648\_HUMAN | Translocase of inner mitochondrial membrane 9 homolog (Yeast), isoform CRA\_a |
| A0A024R6C0\_HUMAN | Niemann-Pick disease, type C2, isoform CRA\_a |
| A0A024R6I3\_HUMAN | Transmembrane emp24-like trafficking protein 10 (Yeast), isoform CRA\_a |
| A0A024R6K8\_HUMAN | Tryptophanyl-tRNA synthetase, isoform CRA\_a |
| A0A024R6W2\_HUMAN | Nudix (Nucleoside diphosphate linked moiety X)-type motif 21, isoform CRA\_a |
| A0A024R6X0\_HUMAN | Ras-related associated with diabetes, isoform CRA\_a |
| A0A024R6Y2\_HUMAN | Nuclear transport factor 2, isoform CRA\_a |
| A0A024R705\_HUMAN | Vacuolar protein sorting 4A (Yeast), isoform CRA\_c |
| A0A024R732\_HUMAN | Syntrophin, beta 2 (Dystrophin-associated protein A1, 59kDa, basic component 2), isoform CRA\_a |
| A0A024R745\_HUMAN | NADH dehydrogenase (Ubiquinone) 1 alpha subcomplex, 5, 13kDa, isoform CRA\_b |
| A0A024R7B0\_HUMAN | Ubiquitin-like 5, isoform CRA\_a |
| A0A024R7G8\_HUMAN | RAD23 homolog A (S. cerevisiae), isoform CRA\_a |
| A0A024R7I3\_HUMAN | RAB8A, member RAS oncogene family, isoform CRA\_a |
| A0A024R7M0\_HUMAN | Transmembrane emp24 protein transport domain containing 9, isoform CRA\_a |
| A0A024R7N9\_HUMAN | RAB24, member RAS oncogene family, isoform CRA\_b |
| A0A024R7Y5\_HUMAN | Transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C), isoform CRA\_a |
| A0A024R7Z5\_HUMAN | Syndecan binding protein (Syntenin), isoform CRA\_c |
| A0A024R819\_HUMAN | Nudix (Nucleoside diphosphate linked moiety X)-type motif 1, isoform CRA\_a |
| A0A024R845\_HUMAN | RAB14, member RAS oncogene family, isoform CRA\_a |
| A0A024R8L1\_HUMAN | WW domain binding protein 2, isoform CRA\_a |
| A0A024R8P8\_HUMAN | Ribosomal protein L38, isoform CRA\_a |
| A0A024R8S5\_HUMAN | Protein disulfide-isomerase (EC 5.3.4.1) |
| A0A024R8T9\_HUMAN | Synaptogyrin |
| A0A024R8Z1\_HUMAN | Microsomal glutathione S-transferase 3, isoform CRA\_a |
| A0A024R944\_HUMAN | Serpin peptidase inhibitor, clade C (Antithrombin), member 1, isoform CRA\_a |
| A0A024R964\_HUMAN | NIMA (Never in mitosis gene a)-related kinase 7, isoform CRA\_a |
| A0A024R9C1\_HUMAN | Polyadenylate-binding protein (PABP) |
| A0A024R9D3\_HUMAN | Ribosomal protein L30, isoform CRA\_b |
| A0A024R9N3\_HUMAN | Transmembrane protein 85, isoform CRA\_b |
| A0A024R9U3\_HUMAN | OCIA domain containing 1, isoform CRA\_a |
| A0A024R9Z0\_HUMAN | NADH dehydrogenase (Ubiquinone) 1 alpha subcomplex, 4, 9kDa, isoform CRA\_b |
| A0A024RA52\_HUMAN | Proteasome subunit alpha type (EC 3.4.25.1) |
| A0A024RAS5\_HUMAN | Rho GDP dissociation inhibitor (GDI) beta, isoform CRA\_a |
| A0A024RAX2\_HUMAN | Microsomal glutathione S-transferase 1, isoform CRA\_a |
| A0A024RB09\_HUMAN | RAB5B, member RAS oncogene family, isoform CRA\_a |
| A0A024RB31\_HUMAN | Myosin, light polypeptide 6B, alkali, smooth muscle and non-muscle, isoform CRA\_a |
| A0A024RB32\_HUMAN | Prostaglandin E synthase 3 (Cytosolic), isoform CRA\_a |
| A0A024RB38\_HUMAN | SH3 and cysteine rich domain 3, isoform CRA\_a |
| A0A024RB79\_HUMAN | Sulfite oxidase, isoform CRA\_a |
| A0A024RBA9\_HUMAN | RAB21, member RAS oncogene family, isoform CRA\_a |
| A0A024RBB7\_HUMAN | Nucleosome assembly protein 1-like 1, isoform CRA\_a |
| A0A024RBE8\_HUMAN | Solute carrier family 25 (Mitochondrial carrier phosphate carrier), member 3, isoform CRA\_a |
| A0A024RBS2\_HUMAN | Ribosomal protein, large, P0, isoform CRA\_b |
| A0A024RBY1\_HUMAN | Small muscle protein, X-linked, isoform CRA\_a |
| A0A024RC33\_HUMAN | Microtubule-associated protein, RP/EB family, member 2, isoform CRA\_a |
| A0A024RCA7\_HUMAN | Ribosomal protein, large, P2, isoform CRA\_a |
| A0A024RCC9\_HUMAN | Nucleosome assembly protein 1-like 4, isoform CRA\_b |
| A0A024RCN6\_HUMAN | Valyl-tRNA synthetase, isoform CRA\_a |
| A0A024RCT1\_HUMAN | TAP binding protein (Tapasin), isoform CRA\_c |
| A0A024RCX8\_HUMAN | Peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) |
| A0A024RD93\_HUMAN | Phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase, isoform CRA\_c |
| A0A090N900\_HUMAN | Ras homolog enriched in brain (Ras homolog enriched in brain, isoform CRA\_c) |
| A0A0A6YYB2\_HUMAN | Histone-lysine N-methyltransferase SMYD1 (SET and MYND domain containing 1, isoform CRA\_b) |
| A0A0C4DFM5\_HUMAN | Myotilin (Myotilin, isoform CRA\_b) |
| A0M8W4\_HUMAN | Ubiquitin-conjugating enzyme E2 variant 2 (Ubiquitin-conjugating enzyme E2 variant 2, isoform CRA\_b) (cDNA, FLJ93989, Homo sapiens ubiquitin-conjugating enzyme E2 variant 2 (UBE2V2),mRNA) |
| A0MZF5\_HUMAN | AMP-activated alpha 2 subunit |
| A0N071\_HUMAN | Delta globin (Delta-globin chain) (Hemoglobin delta) (Hemoglobin, delta) |
| A0SA07\_HUMAN | Cytochrome c oxidase subunit 2 |
| A1KYQ7\_HUMAN | Eukaryotic translation initiation factor 3 subunit C (eIF3c) (Eukaryotic translation initiation factor 3 subunit 8) (eIF3 p110) |
| A1L172\_HUMAN | Acyl-CoA thioesterase 1 |
| A1L377\_HUMAN | CABC1 protein |
| A1XP52\_HUMAN | Catecholamine-regulated protein 40 |
| A2A3R6\_HUMAN | 40S ribosomal protein S6 |
| A2RRE8\_HUMAN | CPT1B protein |
| A2RTY6\_HUMAN | Inter-alpha (Globulin) inhibitor H2 (Inter-alpha (Globulin) inhibitor H2, isoform CRA\_b) (cDNA FLJ75038, highly similar to Homo sapiens inter-alpha (globulin) inhibitor H2 (ITIH2), mRNA) |
| A2RUM7\_HUMAN | Ribosomal protein L5 (Ribosomal protein L5, isoform CRA\_c) (cDNA, FLJ95579, Homo sapiens ribosomal protein L5 (RPL5), mRNA) |
| A2TDC0\_HUMAN | Titin-cap (Telethonin) (Titin-cap (Telethonin), isoform CRA\_a) (cDNA FLJ39009 fis, clone NT2RI2025565, highly similar to TELETHONIN) |
| A4D1U3\_HUMAN | Single-stranded DNA-binding protein |
| A4D2J0\_HUMAN | SNARE protein Ykt6 (SNARE protein Ykt6, isoform CRA\_a) (cDNA, FLJ93006, Homo sapiens SNARE protein Ykt6 (YKT6), mRNA) |
| A4D2Q0\_HUMAN | Unc-84 homolog A (C. elegans) |
| A8K0R3\_HUMAN | Osteoglycin (Osteoinductive factor, mimecan), isoform CRA\_a (cDNA FLJ78199, highly similar to Homo sapiens osteoglycin (osteoinductive factor, mimecan) (OGN), transcript variant 3, mRNA) (cDNA PSEC0219 fis, clone HEMBA1005229, highly similar to Mimecan) |
| A8K3Y2\_HUMAN | Mitogen-activated protein kinase kinase 6 (Mitogen-activated protein kinase kinase 6, isoform CRA\_b) (cDNA FLJ75671, highly similar to Homo sapiens mitogen-activated protein kinase kinase 6 (MAP2K6), transcript variant 1, mRNA) |
| A8K401\_HUMAN | Prohibitin, isoform CRA\_a (cDNA FLJ78511, highly similar to Homo sapiens prohibitin (PHB), mRNA) (cDNA, FLJ93035, Homo sapiens prohibitin (PHB), mRNA) |
| A8K4C8\_HUMAN | 60S ribosomal protein L13 |
| A8K517\_HUMAN | Ribosomal protein S23, isoform CRA\_a (cDNA FLJ77921, highly similar to Homo sapiens ribosomal protein S23 (RPS23), mRNA) (cDNA, FLJ92033, Homo sapiens ribosomal protein S23 (RPS23), mRNA) |
| A8K761\_HUMAN | NADH dehydrogenase (Ubiquinone) 1 beta subcomplex, 10, 22kDa, isoform CRA\_b (cDNA FLJ78612, highly similar to Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10, 22kDa (NDUFB10), mRNA) (cDNA, FLJ92003, Homo sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10,22kDa (NDUFB10), mRNA) |
| A8K7B7\_HUMAN | Protein phosphatase 2 (Formerly 2A), regulatory subunit A (PR 65), alpha isoform (cDNA FLJ78455, highly similar to Homo sapiens protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform (PPP2R1A), mRNA) (cDNA, FLJ96799, Homo sapiens protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform (PPP2R1A), mRNA) |
| A8K9L3\_HUMAN | Proteolipid protein 1 (Pelizaeus-Merzbacher disease, spastic paraplegia 2, uncomplicated), isoform CRA\_b (cDNA FLJ77822, highly similar to Homo sapiens proteolipid protein 1 (Pelizaeus-Merzbacher disease,spastic paraplegia 2, uncomplicated) (PLP1), mRNA) (cDNA, FLJ92659, highly similar to Homo sapiens proteolipid protein 1 (Pelizaeus-Merzbacher disease,spastic paraplegia 2, uncomplicated) (PLP1), mRNA) |
| A8KAH9\_HUMAN | RAP1A, member of RAS oncogene family (Ras-related protein Rap-1A) (cDNA FLJ75985, highly similar to Homo sapiens RAP1A, member of RAS oncogene family (RAP1A), transcript variant 2, mRNA) |
| APOO\_HUMAN | Apolipoprotein O (Protein FAM121B) |
| B0YJ88\_HUMAN | Radixin (Radixin, isoform CRA\_b) (cDNA, FLJ93349, Homo sapiens radixin (RDX), mRNA) |
| B0YJA4\_HUMAN | Thy-1 cell surface antigen, isoform CRA\_a (Thy-1 membrane glycoprotein variant 2) (cDNA FLJ33325 fis, clone BNGH42008832, highly similar to THY-1 MEMBRANE GLYCOPROTEIN) (cDNA FLJ33677 fis, clone BRAWH2002125, highly similar to THY-1 MEMBRANE GLYCOPROTEIN) |
| B0ZBD0\_HUMAN | 40S ribosomal protein S19 (Ribosomal protein S19, isoform CRA\_a) (cDNA, FLJ92047, Homo sapiens ribosomal protein S19 (RPS19), mRNA) |
| B1AKZ2\_HUMAN | Merged into P31415. |
| B1AKZ4\_HUMAN | Phosphoprotein enriched in astrocytes 15, isoform CRA\_a (cDNA, FLJ92023, Homo sapiens phosphoprotein enriched in astrocytes 15 (PEA15),mRNA) |
| B1AQP2\_HUMAN | Prefoldin subunit 2 (cDNA, FLJ96845, Homo sapiens prefoldin 2 (PFDN2), mRNA) |
| B2R491\_HUMAN | 40S ribosomal protein S4 |
| B2R4R9\_HUMAN | HCG26477 (Ribosomal protein S28, isoform CRA\_a) (cDNA, FLJ92192, Homo sapiens ribosomal protein S28 (RPS28), mRNA) |
| B2R5T5\_HUMAN | Protein kinase, cAMP-dependent, regulatory, type I, alpha (Tissue specific extinguisher 1), isoform CRA\_a (cDNA FLJ40261 fis, clone TESTI2025609, highly similar to cAMP-dependent protein kinase type I-alpha regulatory subunit) (cDNA, FLJ92612, Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) (PRKAR1A), mRNA) |
| B2R6F3\_HUMAN | Splicing factor arginine/serine-rich 3 (Splicing factor, arginine/serine-rich 3, isoform CRA\_d) (cDNA, FLJ92926, Homo sapiens splicing factor, arginine/serine-rich 3 (SFRS3), mRNA) |
| B2RB70\_HUMAN | Neurocalcin delta, isoform CRA\_a (cDNA FLJ30511 fis, clone BRAWH2000636, highly similar to NEUROCALCIN DELTA) (cDNA FLJ39196 fis, clone OCBBF2005066, highly similar to NEUROCALCIN DELTA) (cDNA, FLJ95342, highly similar to Homo sapiens neurocalcin delta (NCALD), mRNA) |
| B3KM80\_HUMAN | Nucleolin, isoform CRA\_c (cDNA FLJ10452 fis, clone NT2RP1000966, highly similar to NUCLEOLIN) |
| B3KUN1\_HUMAN | Serine/threonine-protein phosphatase (EC 3.1.3.16) |
| B5MC87\_HUMAN | |
| B5MCI0\_HUMAN | Smoothelin |
| B7WPJ2\_HUMAN | |
| B7Z4G3\_HUMAN | cDNA FLJ50807, highly similar to Homo sapiens leucine rich repeat containing 36 (LRRC36), mRNA |
| B7Z596\_HUMAN | Tropomyosin alpha-1 chain (cDNA FLJ55130, highly similar to Rattus norvegicus tropomyosin 1, alpha (Tpm1), transcript variant 8, mRNA) |
| C9J406\_HUMAN | MICOS complex subunit MIC60 |
| C9JFK9\_HUMAN | BAG family molecular chaperone regulator 3 (Fragment) |
| C9JWU5\_HUMAN | Striated muscle preferentially-expressed protein kinase (Fragment) |
| D0PNI1\_HUMAN | Epididymis luminal protein 4 (Epididymis secretory protein Li 3) (Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta polypeptide) (Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide, isoform CRA\_a) |
| D6RBJ7\_HUMAN | Vitamin D-binding protein |
| D6RBW1\_HUMAN | Eukaryotic translation initiation factor 4E |
| D6RIA3\_HUMAN | Protein LOC285556 |
| D9ZGG2\_HUMAN | Vitronectin |
| DHAK\_HUMAN | Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing) [Includes: ATP-dependent dihydroxyacetone kinase (DHA kinase) (EC 2.7.1.28) (EC 2.7.1.29) (Glycerone kinase) (Triokinase) (Triose kinase); FAD-AMP lyase (cyclizing) (EC 4.6.1.15) (FAD-AMP lyase (cyclic FMN forming)) (FMN cyclase)] |
| E5KNH5\_HUMAN | Mitochondrial NADH dehydrogenase ubiquinone flavoprotein 1 (NADH dehydrogenase (Ubiquinone) flavoprotein 1, 51kDa, isoform CRA\_d) |
| E5KSU5\_HUMAN | Mitochondrial transcription factor A (Transcription factor A, mitochondrial, isoform CRA\_c) |
| E7EQ72\_HUMAN | Transmembrane emp24 domain-containing protein 2 (Fragment) |
| E7EVA0\_HUMAN | Microtubule-associated protein |
| E9PCH6\_HUMAN | Ankyrin-2 |
| E9PFZ2\_HUMAN | Ceruloplasmin |
| E9PKQ5\_HUMAN | Coiled-coil domain-containing protein 90B, mitochondrial |
| E9PMA7\_HUMAN | DNA damage-induced apoptosis suppressor protein (Fragment) |
| E9PMT2\_HUMAN | LIM domain only protein 7 |
| E9PPJ3\_HUMAN | Smoothelin-like protein 1 |
| E9PQH2\_HUMAN | Nuclear receptor subfamily 5 group A member 2 |
| F5GWL4\_HUMAN | |
| F8WE98\_HUMAN | Filamin-A (Fragment) |
| F8WEB6\_HUMAN | 14-3-3 protein eta |
| H0Y4F5\_HUMAN | Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5 (Fragment) |
| H0Y6G2\_HUMAN | Calcium/calmodulin-dependent protein kinase type II subunit gamma (Fragment) |
| H0Y8S1\_HUMAN | |
| H0YCE3\_HUMAN | V-type proton ATPase subunit a (Fragment) |
| H0YGW7\_HUMAN | ATP-binding cassette sub-family F member 1 (Fragment) |
| H0YH31\_HUMAN | 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial (Fragment) |
| H3BPX2\_HUMAN | Obscurin |
| H3BUB2\_HUMAN | |
| H6UYS5\_HUMAN | Alpha-synuclein |
| H7BY31\_HUMAN | |
| H7BZZ8\_HUMAN | Smoothelin (Fragment) |
| H7C117\_HUMAN | |
| H7C4I5\_HUMAN | CLIP-associating protein 2 (Fragment) |
| H7C4S4\_HUMAN | Fragile X mental retardation syndrome-related protein 1 (Fragment) |
| H7C522\_HUMAN | |
| H9ZYJ2\_HUMAN | Thioredoxin |
| HV101\_HUMAN | Ig heavy chain V-I region EU |
| HV102\_HUMAN | Ig heavy chain V-I region HG3 |
| HV207\_HUMAN | Ig heavy chain V-II region NEWM |
| HV301\_HUMAN | Ig heavy chain V-III region TRO |
| HV302\_HUMAN | Ig heavy chain V-III region WEA |
| HV303\_HUMAN | Ig heavy chain V-III region 23 (Ig heavy chain V-III region VH26) (Immunoglobulin heavy variable 3-23) |
| HV304\_HUMAN | Ig heavy chain V-III region TIL |
| HV305\_HUMAN | Ig heavy chain V-III region BRO |
| HV316\_HUMAN | Ig heavy chain V-III region TEI |
| HV320\_HUMAN | Ig heavy chain V-III region GAL |
| I3L155\_HUMAN | Major vault protein (Fragment) |
| I3L3R4\_HUMAN | Smoothelin-like protein 2 (Fragment) |
| J3KN67\_HUMAN | Tropomyosin alpha-3 chain |
| J3KP02\_HUMAN | Leucine-, glutamate- and lysine-rich protein 1 |
| J3QK84\_HUMAN | |
| J3QS83\_HUMAN | Band 4.1-like protein 3 (Fragment) |
| J9JID7\_HUMAN | Lamin B2, isoform CRA\_a (Lamin-B2) |
| K7EM20\_HUMAN | 14-3-3 protein epsilon (Fragment) |
| K7EN96\_HUMAN | Nicalin (Fragment) |
| K7EQW8\_HUMAN | Tropomyosin alpha-4 chain (Fragment) |
| KV101\_HUMAN | Ig kappa chain V-I region AG |
| KV104\_HUMAN | Ig kappa chain V-I region CAR |
| KV105\_HUMAN | Ig kappa chain V-I region DEE |
| KV119\_HUMAN | Ig kappa chain V-I region Wes |
| KV201\_HUMAN | Ig kappa chain V-II region Cum |
| KV202\_HUMAN | Ig kappa chain V-II region FR |
| KV206\_HUMAN | Ig kappa chain V-II region RPMI 6410 |
| KV301\_HUMAN | Ig kappa chain V-III region B6 |
| KV302\_HUMAN | Ig kappa chain V-III region SIE |
| KV307\_HUMAN | Ig kappa chain V-III region GOL (Rheumatoid factor) |
| KV310\_HUMAN | Ig kappa chain V-III region VH (Fragment) |
| KV401\_HUMAN | Ig kappa chain V-IV region (Fragment) |
| KV402\_HUMAN | Ig kappa chain V-IV region Len |
| LV101\_HUMAN | Ig lambda chain V-I region VOR |
| LV102\_HUMAN | Ig lambda chain V-I region HA |
| LV103\_HUMAN | Ig lambda chain V-I region NEW |
| LV106\_HUMAN | Ig lambda chain V-I region WAH |
| LV301\_HUMAN | Ig lambda chain V-III region SH |
| LV302\_HUMAN | Ig lambda chain V-III region LOI |
| LV403\_HUMAN | Ig lambda chain V-IV region Hil |
| M0QZY3\_HUMAN | Ryanodine receptor 1 (Fragment) |
| MUCB\_HUMAN | Ig mu heavy chain disease protein (BOT) |
| O14992\_HUMAN | HS24/P52 |
| Q03870\_HUMAN | Glycophorin Erik (STA) (HCG2026259, isoform CRA\_f) |
| Q05BR2\_HUMAN | ANXA1 protein |
| Q05CF8\_HUMAN | KNG1 protein |
| Q06AH7\_HUMAN | Transferrin |
| Q08AJ9\_HUMAN | Histone H2A |
| Q08ET0\_HUMAN | Cell proliferation-inducing protein 47 (HCG39985, isoform CRA\_a) (cDNA, FLJ94101, Homo sapiens ATP synthase, H+ transporting, mitochondrial F0complex, subunit b, isoform 1 (ATP5F1), mRNA) |
| Q0D2I8\_HUMAN | Glutathione S-transferase mu 2 (Muscle) |
| Q0IIN5\_HUMAN | VCP protein |
| Q0VAB1\_HUMAN | Translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae) |
| Q0VAS5\_HUMAN | Histone H4 |
| Q0VDG5\_HUMAN | SCRN3 protein |
| Q0VGA5\_HUMAN | SARS protein |
| Q13030\_HUMAN | Glycophorin Erik I-IV (Glycophorin-A) (HCG2026259, isoform CRA\_g) |
| Q14419\_HUMAN | Glycophorin A |
| Q14440\_HUMAN | Glycophorin Erik |
| Q147Y3\_HUMAN | PABPC4 protein |
| Q14908\_HUMAN | Cardiac ventricular myosin light chain-2 |
| Q16336\_HUMAN | GPSAT |
| Q16577\_HUMAN | Elongation factor 1-alpha |
| Q1HBJ4\_HUMAN | Mitogen-activated protein kinase (EC 2.7.11.24) |
| Q1RMG2\_HUMAN | Adenosylhomocysteinase (EC 3.3.1.1) |
| Q1XBU6\_HUMAN | Aging-associated protein 14b |
| Q1XBU7\_HUMAN | Aging-associated protein 14a |
| Q24JU4\_HUMAN | Eukaryotic translation initiation factor 3 subunit A (eIF3a) (Eukaryotic translation initiation factor 3 subunit 10) (eIF-3-theta) |
| Q2M1I0\_HUMAN | Histidine-rich calcium-binding protein |
| Q2TB59\_HUMAN | Nicotinamide nucleotide transhydrogenase |
| Q2TNI1\_HUMAN | Caveolin |
| Q2TSD0\_HUMAN | Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) |
| Q2TU64\_HUMAN | T-complex protein 1 subunit gamma |
| Q2TU84\_HUMAN | Aspartate aminotransferase (EC 2.6.1.1) |
| Q2XPP3\_HUMAN | Type II 3a-hydroxysteroid dehydrogenase variant |
| Q32P45\_HUMAN | GTPase activating protein (SH3 domain) binding protein 1 |
| Q3BDU5\_HUMAN | Prelamin-A/C (Rhabdomyosarcoma antigen MU-RMS-40.12) |
| Q3KNR6\_HUMAN | Hsc70-interacting protein (ST13 protein) |
| Q3LIE9\_HUMAN | Predicted protein product of Nbla02942 |
| Q3MIH3\_HUMAN | Ubiquitin A-52 residue ribosomal protein fusion product 1 (Ubiquitin A-52 residue ribosomal protein fusion product 1, isoform CRA\_a) (cDNA, FLJ95576, Homo sapiens ubiquitin A-52 residue ribosomal protein fusionproduct 1 (UBA52), mRNA) |
| Q3SYF1\_HUMAN | Sorting nexin 12 (Sorting nexin 12, isoform CRA\_a) (cDNA, FLJ93438, Homo sapiens sorting nexin 12 (SNX12), mRNA) |
| Q496C9\_HUMAN | D-tyrosyl-tRNA(Tyr) deacylase (EC 3.1.-.-) |
| Q499G7\_HUMAN | Mitogen-activated protein kinase (EC 2.7.11.24) |
| Q49A63\_HUMAN | Monoamine oxidase A |
| Q49A71\_HUMAN | 5-demethoxyubiquinone hydroxylase, mitochondrial (DMQ hydroxylase) (EC 1.14.13.-) (Timing protein clk-1 homolog) (Ubiquinone biosynthesis monooxygenase COQ7) |
| Q49AL0\_HUMAN | CLTC protein |
| Q4GCC3\_HUMAN | Cytochrome c oxidase subunit 2 |
| Q4GVP5\_HUMAN | Cytochrome c oxidase subunit 2 |
| Q4VB86\_HUMAN | EPB41 protein (Protein 4.1) |
| Q4VB96\_HUMAN | EPB42 protein |
| Q4W4Y1\_HUMAN | Dopamine receptor interacting protein 4 |
| Q53SB6\_HUMAN | Putative uncharacterized protein DNPEP |
| Q53SS8\_HUMAN | Epididymis secretory protein Li 85 (Poly(RC) binding protein 1) (Putative uncharacterized protein PCBP1) (cDNA, FLJ94964, highly similar to Homo sapiens poly(rC) binding protein 1 (PCBP1), mRNA) |
| Q53XL8\_HUMAN | Proteasome (Prosome, macropain) 26S subunit, ATPase, 1 (Proteasome (Prosome, macropain) 26S subunit, ATPase, 1, isoform CRA\_a) (Proteasome 26S ATPase subunit 1) (cDNA, FLJ93843, Homo sapiens proteasome (prosome, macropain) 26S subunit, ATPase, 1(PSMC1), mRNA) |
| Q53XM7\_HUMAN | VAMP (Vesicle-associated membrane protein)-associated protein B and C (VAMP (Vesicle-associated membrane protein)-associated protein B and C, isoform CRA\_b) (cDNA FLJ13179 fis, clone NT2RP3003918, highly similar to Vesicle-associated membrane protein-associated protein B/C) |
| Q53Y47\_HUMAN | SH3 domain binding glutamic acid-rich protein |
| Q53Y51\_HUMAN | D-dopachrome tautomerase (D-dopachrome tautomerase, isoform CRA\_b) (cDNA FLJ76419, highly similar to Homo sapiens D-dopachrome tautomerase (DDT), mRNA) |
| Q53YD7\_HUMAN | EEF1G protein (Eukaryotic translation elongation factor 1 gamma) (Eukaryotic translation elongation factor 1 gamma, isoform CRA\_c) (GIG35) |
| Q53Z07\_HUMAN | NPC-A-16 (Ribosomal protein L9) (Ribosomal protein L9 isoform) (Ribosomal protein L9, isoform CRA\_b) (cDNA, FLJ92535, Homo sapiens ribosomal protein L9 (RPL9), mRNA) |
| Q53ZR1\_HUMAN | Bumetanide-sensitive Na-K-Cl cotransporter (Solute carrier family 12 (Sodium/potassium/chloride transporters), member 2, isoform CRA\_b) |
| Q547S8\_HUMAN | Electron transfer flavoprotein ubiquinone oxidoreductase (Electron-transferring-flavoprotein dehydrogenase) (cDNA, FLJ95677, Homo sapiens electron-transferring-flavoprotein dehydrogenase(ETFDH), nuclear gene encoding mitochondrial protein, mRNA) |
| Q548N1\_HUMAN | Vacuolar protein sorting 28 (Yeast), isoform CRA\_a (Vacuolar sorting protein 28) |
| Q549N0\_HUMAN | Cofilin 2 (Muscle), isoform CRA\_a (Cofilin 2 (Muscle), isoform CRA\_c) (Cofilin isoform) (cDNA, FLJ94864, Homo sapiens cofilin 2 (muscle) (CFL2), mRNA) |
| Q54A51\_HUMAN | Basigin (Ok blood group), isoform CRA\_a (Cervical EMMPRIN) (cDNA FLJ36018 fis, clone TESTI2016337, highly similar to BASIGIN) |
| Q567U8\_HUMAN | COPS7A protein |
| Q56R93\_HUMAN | Nemaline myopathy mutant slow skeletal muscle troponin T low molecular weight variant |
| Q56R94\_HUMAN | Nemaline myopathy mutant slow skeletal muscle troponin T high molecular weight variant |
| Q58HE6\_HUMAN | Glycophorin A Mta variant |
| Q5CAQ4\_HUMAN | TNF receptor-associated protein 1 (cDNA FLJ33058 fis, clone TRACH1000181, highly similar to Heat shock protein 75 kDa, mitochondrial) |
| Q5CAQ5\_HUMAN | Tumor rejection antigen (Gp96) 1 |
| Q5EC54\_HUMAN | Heterogeneous nuclear ribonucleoprotein K transcript variant |
| Q5EFE5\_HUMAN | Anti-RhD monoclonal T125 gamma1 heavy chain |
| Q5EFE6\_HUMAN | Anti-RhD monoclonal T125 kappa light chain |
| Q5JPB8\_HUMAN | Putative uncharacterized protein DKFZp686O1117 |
| Q5JPJ8\_HUMAN | Adenylyl cyclase-associated protein |
| Q5JR94\_HUMAN | 40S ribosomal protein S8 |
| Q5QD01\_HUMAN | SP-A receptor subunit SP-R210 alphaS |
| Q5R352\_HUMAN | Cardiac phospholamban (PLB) |
| Q5RGS4\_HUMAN | Pleckstrin homology domain-containing family A member 1 |
| Q5RKT7\_HUMAN | Ribosomal protein S27a |
| Q5SQT9\_HUMAN | SAR1 gene homolog A (S. cerevisiae), isoform CRA\_a (Small GTP-binding protein) |
| Q5SU16\_HUMAN | Beta 5-tubulin (Beta-tubulin protein) (Tubulin, beta) (Tubulin, beta, isoform CRA\_a) |
| Q5T0G8\_HUMAN | Annexin |
| Q5T985\_HUMAN | Inter-alpha-trypsin inhibitor heavy chain H2 |
| Q5TZN6\_HUMAN | Nucleolar protein 3 (Apoptosis repressor with CARD domain) (Nucleolar protein 3 (Apoptosis repressor with CARD domain), isoform CRA\_b) (cDNA, FLJ95803, Homo sapiens nucleolar protein 3 (apoptosis repressor with CARD domain) (NOL3), mRNA) |
| Q5TZZ9\_HUMAN | Annexin |
| Q5U025\_HUMAN | ADP-ribosylation factor 6 |
| Q5U077\_HUMAN | L-lactate dehydrogenase (EC 1.1.1.27) |
| Q5U0A0\_HUMAN | Proteasome subunit alpha type (EC 3.4.25.1) |
| Q5U0C3\_HUMAN | RAP1A, member of RAS oncogene family |
| Q5U0D2\_HUMAN | Transgelin |
| Q5U0N0\_HUMAN | Sarcoglycan, beta (43kDa dystrophin-associated glycoprotein) (Sarcoglycan, beta (43kDa dystrophin-associated glycoprotein), isoform CRA\_a) (cDNA FLJ75413, highly similar to Homo sapiens sarcoglycan, beta (43kDa dystrophin-associated glycoprotein) (SGCB), mRNA) |
| Q5U5U6\_HUMAN | Ubiquitin B (Ubiquitin B, isoform CRA\_a) |
| Q5UGI3\_HUMAN | Ubiquitin C splice variant |
| Q5VU21\_HUMAN | PAI-1 mRNA-binding protein variant (cDNA, FLJ92551, Homo sapiens PAI-1 mRNA-binding protein (PAI-RBP1), mRNA) |
| Q5VVD0\_HUMAN | Ribosomal protein L11, isoform CRA\_b (cDNA, FLJ92077, Homo sapiens ribosomal protein L11 (RPL11), mRNA) |
| Q60FE6\_HUMAN | Filamin A |
| Q63HR1\_HUMAN | Putative uncharacterized protein DKFZp686P17171 |
| Q68DI0\_HUMAN | AP complex subunit beta |
| Q68DW4\_HUMAN | Putative uncharacterized protein DKFZp779P1227 |
| Q6DEN2\_HUMAN | DPYSL3 protein |
| Q6FG59\_HUMAN | CDC37 protein |
| Q6FG93\_HUMAN | HCG34604, isoform CRA\_c (Putative uncharacterized protein VAMP5) (VAMP5 protein) (cDNA FLJ76424, highly similar to Homo sapiens HSPC191 mRNA) |
| Q6FGD7\_HUMAN | TBCA protein (Tubulin folding cofactor A) (Tubulin-specific chaperone a) (cDNA, FLJ92496, Homo sapiens tubulin-specific chaperone a (TBCA), mRNA) |
| Q6FGG4\_HUMAN | NADH dehydrogenase (Ubiquinone) 1 alpha subcomplex, 3, 9kDa, isoform CRA\_e (NDUFA3 protein) (cDNA FLJ76508, highly similar to Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3, 9kDa (NDUFA3), mRNA) |
| Q6FGI7\_HUMAN | COX7A1 protein (Cytochrome c oxidase subunit VIIa polypeptide 1 (Muscle)) (cDNA, FLJ92372, Homo sapiens cytochrome c oxidase subunit VIIa polypeptide 1(muscle) (COX7A1), mRNA) |
| Q6FGJ9\_HUMAN | GSTM3 protein (Glutathione S-transferase M3 (Brain)) (cDNA, FLJ93985, Homo sapiens glutathione S-transferase M3 (brain) (GSTM3), mRNA) |
| Q6FGS1\_HUMAN | TPD52L2 protein (Tumor protein D52-like 2, isoform CRA\_a) (cDNA, FLJ95317, highly similar to Homo sapiens tumor protein D52-like 2 (TPD52L2), mRNA) |
| Q6FH10\_HUMAN | DCN protein (Decorin, isoform CRA\_b) (Putative uncharacterized protein DKFZp686J19238) (cDNA FLJ75936, highly similar to Homo sapiens decorin (DCN), transcript variant A1, mRNA) |
| Q6FH17\_HUMAN | ARF6 protein |
| Q6FH49\_HUMAN | NNMT protein (Nicotinamide N-methyltransferase) (Nicotinamide N-methyltransferase, isoform CRA\_a) |
| Q6FH91\_HUMAN | TNNC1 protein (Troponin C type 1 (Slow)) (Troponin C type 1 (Slow), isoform CRA\_a) (cDNA, FLJ94344, Homo sapiens troponin C, slow (TNNC1), mRNA) |
| Q6FHM2\_HUMAN | GNB2 protein (Guanine nucleotide binding protein (G protein), beta polypeptide 2, isoform CRA\_a) (cDNA FLJ77321, highly similar to Homo sapiens guanine nucleotide binding protein (G protein), beta polypeptide 2 (GNB2), mRNA) |
| Q6FHM4\_HUMAN | COX5B protein |
| Q6FHM6\_HUMAN | NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae) (NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae), isoform CRA\_a) (NHP2L1 protein) (cDNA, FLJ92061, Homo sapiens NHP2 non-histone chromosome protein 2-like 1 (S.cerevisiae) (NHP2L1), mRNA) |
| Q6FHZ7\_HUMAN | Perilipin |
| Q6FI23\_HUMAN | MAP2K3 protein (Mitogen-activated protein kinase kinase 3 isoform B) (cDNA, FLJ96569, Homo sapiens mitogen-activated protein kinase kinase 3 (MAP2K3),transcript variant B, mRNA) |
| Q6FI37\_HUMAN | Isocitrate dehydrogenase [NADP] (EC 1.1.1.42) |
| Q6FI52\_HUMAN | Transgelin |
| Q6FI54\_HUMAN | RAB5B protein |
| Q6FIE5\_HUMAN | PHP14 protein |
| Q6FIE9\_HUMAN | TOLLIP protein (Toll interacting protein) (Toll interacting protein, isoform CRA\_a) (cDNA, FLJ96670, Homo sapiens toll interacting protein (TOLLIP), mRNA) |
| Q6GMT0\_HUMAN | Reticulon |
| Q6GMX6\_HUMAN | IGH@ protein |
| Q6GSK5\_HUMAN | Oxysterol-binding protein |
| Q6IA66\_HUMAN | C14orf159 protein |
| Q6IAL5\_HUMAN | Putative uncharacterized protein tmp\_locus\_1 (SUCLG1 protein) |
| Q6IAT1\_HUMAN | Epididymis secretory sperm binding protein Li 46e (GDI2 protein) (GDP dissociation inhibitor 2 isoform 1) (GDP dissociation inhibitor 2, isoform CRA\_b) (cDNA, FLJ92845, Homo sapiens GDP dissociation inhibitor 2 (GDI2), mRNA) |
| Q6IAT9\_HUMAN | Proteasome subunit beta type (EC 3.4.25.1) |
| Q6IAV5\_HUMAN | Succinyl-CoA:3-ketoacid-coenzyme A transferase (EC 2.8.3.5) |
| Q6IAX5\_HUMAN | Eukaryotic translation initiation factor 3 subunit E (eIF3e) (Eukaryotic translation initiation factor 3 subunit 6) (eIF-3 p48) |
| Q6IB11\_HUMAN | PGRMC1 protein (Progesterone receptor membrane component 1) (Progesterone receptor membrane component 1, isoform CRA\_a) (cDNA, FLJ94602, Homo sapiens progesterone receptor membrane component 1 (PGRMC1),mRNA) |
| Q6IB42\_HUMAN | MYL2 protein (Myosin, light polypeptide 2, regulatory, cardiac, slow, isoform CRA\_a) (cDNA, FLJ92288, highly similar to Homo sapiens myosin, light polypeptide 2, regulatory, cardiac, slow (MYL2), mRNA) |
| Q6IB54\_HUMAN | ATP synthase-coupling factor 6, mitochondrial (ATPase subunit F6) |
| Q6IB71\_HUMAN | Proteasome subunit alpha type (EC 3.4.25.1) |
| Q6IB76\_HUMAN | NDUFV2 protein |
| Q6IB89\_HUMAN | NDUFA7 protein |
| Q6IBA0\_HUMAN | NADH dehydrogenase (Ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q reductase) (NADH dehydrogenase (Ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q reductase), isoform CRA\_a) (NDUFS5 protein) (cDNA, FLJ92475, Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa(NADH-coenzyme Q reductase) (NDUFS5), mRNA) |
| Q6IBA2\_HUMAN | PC4 protein (SUB1 homolog (S. cerevisiae)) (SUB1 homolog (S. cerevisiae), isoform CRA\_a) (cDNA, FLJ92014, highly similar to Homo sapiens SUB1 homolog (S. cerevisiae) (SUB1), mRNA) |
| Q6IBC4\_HUMAN | NADH dehydrogenase (Ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase), isoform CRA\_a (NDUFS6 protein) (cDNA FLJ12441 fis, clone NT2RM1000132, highly similar to NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial (EC 1.6.5.3)) |
| Q6IBD7\_HUMAN | FABP3 protein |
| Q6IBG1\_HUMAN | MYL9 protein |
| Q6IBH0\_HUMAN | SLC25A11 protein (Solute carrier family 25 (Mitochondrial carrier oxoglutarate carrier), member 11, isoform CRA\_b) (cDNA FLJ76014, highly similar to Homo sapiens solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11 (SLC25A11), mRNA) |
| Q6IBN0\_HUMAN | PSMD3 protein |
| Q6IBN1\_HUMAN | HNRPK protein (Heterogeneous nuclear ribonucleoprotein K isoform a) (Heterogeneous nuclear ribonucleoprotein K, isoform CRA\_c) (cDNA FLJ77137, highly similar to Homo sapiens heterogeneous nuclear ribonucleoprotein K (HNRPK), transcript variant 1, mRNA) |
| Q6IBR2\_HUMAN | FARSLA protein (Phenylalanine-tRNA synthetase-like, alpha subunit, isoform CRA\_b) (cDNA FLJ34774 fis, clone NT2NE2003309, highly similar to Phenylalanyl-tRNA synthetase alpha chain (EC 6.1.1.20)) |
| Q6IBR8\_HUMAN | EIF2S2 protein (Eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa) (Eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa, isoform CRA\_b) (cDNA, FLJ93495, highly similar to Homo sapiens eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa (EIF2S2), mRNA) |
| Q6IBS5\_HUMAN | DLST protein |
| Q6IBT3\_HUMAN | CCT7 protein |
| Q6IBU0\_HUMAN | EIF5 protein |
| Q6IC76\_HUMAN | G22P1 protein |
| Q6IPS9\_HUMAN | Elongation factor 1-alpha |
| Q6IPT9\_HUMAN | Elongation factor 1-alpha |
| Q6IPW4\_HUMAN | NADH dehydrogenase (Ubiquinone) flavoprotein 2, 24kDa (cDNA, FLJ92411, Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa(NDUFV2), mRNA) |
| Q6IQ30\_HUMAN | Polyadenylate-binding protein (PABP) |
| Q6NSD4\_HUMAN | Glutathione peroxidase |
| Q6NSF2\_HUMAN | RPLP0 protein |
| Q6NSZ4\_HUMAN | PHKG1 protein |
| Q6NZ44\_HUMAN | Ferritin |
| Q6NZ59\_HUMAN | ATP synthase-coupling factor 6, mitochondrial (ATPase subunit F6) |
| Q6PEJ8\_HUMAN | HP protein |
| Q6PEK6\_HUMAN | OPA1 protein |
| Q6PUJ7\_HUMAN | Epididymis luminal protein 215 (Epididymis secretory sperm binding protein Li 54e) (Prohibitin) |
| Q6S4P3\_HUMAN | Ferritin |
| Q6ZMU0\_HUMAN | Delta-aminolevulinic acid dehydratase (EC 4.2.1.24) |
| Q6ZUQ1\_HUMAN | cDNA FLJ43465 fis, clone OCBBF2036476 |
| Q71RH4\_HUMAN | FP1047 |
| Q71U02\_HUMAN | Regulatory myosin light chain long version |
| Q71UA4\_HUMAN | Adenylosuccinate lyase (ASL) (EC 4.3.2.2) (Adenylosuccinase) |
| Q71UF1\_HUMAN | Aconitase |
| Q71V99\_HUMAN | Peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) |
| Q7KZS0\_HUMAN | Ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast) (Ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast), isoform CRA\_b) |
| Q7LDD5\_HUMAN | Calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha, isoform CRA\_a (Calmodulin-dependent protein kinase II alpha) |
| Q7RTX2\_HUMAN | Pantothenate kinase 4 putative variant (Pantothenate kinase 4, isoform CRA\_b) |
| Q7RU04\_HUMAN | Aminopeptidase B (EC 3.4.11.6) |
| Q7Y6M3\_HUMAN | Cytochrome c oxidase subunit 2 |
| Q7Z3Z1\_HUMAN | Myosin light chain 2 |
| Q7Z474\_HUMAN | Proteasome subunit beta type (EC 3.4.25.1) |
| Q7Z4B2\_HUMAN | MSTP161 |
| Q7Z4F3\_HUMAN | Caveolin |
| Q7Z4Q5\_HUMAN | Heterogeneous nuclear ribonucleoprotein U (Scaffold attachment factor A), isoform CRA\_a |
| Q7Z4W5\_HUMAN | RNA helicase |
| Q7Z4X0\_HUMAN | MO25-like protein |
| Q7Z4X2\_HUMAN | Neuronal protein |
| Q7Z4Y4\_HUMAN | GTP:AMP phosphotransferase AK3, mitochondrial (EC 2.7.4.10) (Adenylate kinase 3) (Adenylate kinase 3 alpha-like 1) |
| Q7Z503\_HUMAN | Succinyl-CoA ligase subunit beta (EC 6.2.1.-) |
| Q7Z518\_HUMAN | NADH dehydrogenase |
| Q7Z531\_HUMAN | GTP:AMP phosphotransferase AK3, mitochondrial (EC 2.7.4.10) (Adenylate kinase 3) (Adenylate kinase 3 alpha-like 1) |
| Q7Z5X3\_HUMAN | EIF3L protein |
| Q7Z675\_HUMAN | Calcium-transporting ATPase (EC 3.6.3.8) |
| Q7Z759\_HUMAN | CCT8 protein (Chaperonin containing TCP1, subunit 8 (Theta), isoform CRA\_c) |
| Q86SZ7\_HUMAN | Full-length cDNA clone CS0DJ015YJ12 of T cells (Jurkat cell line) of Homo sapiens (human) (PSME2 protein) |
| Q86TA8\_HUMAN | Putative uncharacterized protein DKFZp451M091 |
| Q86TT1\_HUMAN | Full-length cDNA clone CS0DD006YL02 of Neuroblastoma of Homo sapiens (human) |
| Q86VB0\_HUMAN | TNS1 protein |
| Q86VG2\_HUMAN | Splicing factor proline/glutamine-rich (Polypyrimidine tract binding protein associated) |
| Q86YI5\_HUMAN | Acetyltransferase component of pyruvate dehydrogenase complex (EC 2.3.1.12) |
| Q86Z22\_HUMAN | Epididymis secretory protein Li 297 |
| Q8IUB0\_HUMAN | Elongation factor 1-alpha |
| Q8IV96\_HUMAN | DDX6 protein (Probable ATP-dependent RNA helicase DDX6) |
| Q8IVC0\_HUMAN | Serpin peptidase inhibitor, clade D (Heparin cofactor), member 1 |
| Q8IWP6\_HUMAN | Class IVb beta tubulin |
| Q8IXW6\_HUMAN | Dihydropyrimidinase-like 3 |
| Q8IYG9\_HUMAN | DPP6 protein (Dipeptidyl aminopeptidase-like protein 6) |
| Q8IYQ9\_HUMAN | Importin subunit alpha |
| Q8IZ29\_HUMAN | Tubulin, beta 2C |
| Q8N6N5\_HUMAN | Tubulin, beta 2C |
| Q8N7G1\_HUMAN | Purine nucleoside phosphorylase (EC 2.4.2.1) (Inosine-guanosine phosphorylase) |
| Q8NI45\_HUMAN | 5-demethoxyubiquinone hydroxylase, mitochondrial (DMQ hydroxylase) (EC 1.14.13.-) (Timing protein clk-1 homolog) (Ubiquinone biosynthesis monooxygenase COQ7) |
| Q8TBI1\_HUMAN | Monoamine oxidase B |
| Q8TC62\_HUMAN | Septin 7 |
| Q8TCE1\_HUMAN | Antithrombin-III (SERPINC1 protein) |
| Q8TDR6\_HUMAN | Cytoplasmic protein Ndr1 |
| Q8WUQ0\_HUMAN | Glycerol-3-phosphate dehydrogenase (EC 1.1.5.3) |
| Q8WWH9\_HUMAN | Amphiphysin IIb-1 |
| Q8WYJ5\_HUMAN | Protein kinase C inhibitor-2 |
| Q92788\_HUMAN | Rad GTPase |
| Q96BA7\_HUMAN | HNRPU protein |
| Q96C61\_HUMAN | FLNA protein |
| Q96C98\_HUMAN | FHL3 protein |
| Q96GD7\_HUMAN | CSDA protein |
| Q96GW1\_HUMAN | Endoplasmin (HSP90B1 protein) |
| Q96I16\_HUMAN | EIF2S2 protein |
| Q96KU4\_HUMAN | Gephyrin |
| Q96L66\_HUMAN | NRAS-related protein |
| Q96MF8\_HUMAN | cDNA FLJ32432 fis, clone SKMUS2001157, highly similar to Homo sapiens nebulin (NEB) gene |
| Q96RE1\_HUMAN | Elongation factor 1-alpha |
| Q96RS2\_HUMAN | 40S ribosomal protein SA (37 kDa laminin receptor precursor) (37/67 kDa laminin receptor) (67 kDa laminin receptor) (Laminin receptor 1) (Laminin-binding protein precursor p40) |
| Q9BRL5\_HUMAN | CALM3 protein |
| Q9BS19\_HUMAN | HPX protein (Hemopexin) |
| Q9BSD0\_HUMAN | GLUD2 protein |
| Q9BTH3\_HUMAN | Bridging integrator 1 |
| Q9BUM6\_HUMAN | COL6A2 protein (Collagen, type VI, alpha 2) |
| Q9H256\_HUMAN | TAR DNA binding protein, isoform CRA\_c |
| Q9H2I7\_HUMAN | Elongation factor 1-alpha |
| Q9H319\_HUMAN | Mutant desmin |
| Q9H369\_HUMAN | PRO1633 |
| Q9HB74\_HUMAN | PNAS-102 |
| Q9HBB3\_HUMAN | 60S ribosomal protein L6 |
| Q9HBR7\_HUMAN | Propionyl Coenzyme A carboxylase, beta polypeptide, isoform CRA\_a |
| Q9HBZ9\_HUMAN | RNA helicase |
| Q9NPK3\_HUMAN | DJ34F7.7 (Superkiller viralicidic activity 2 (S. cerevisiae homolog)-like (SKI2W)) |
| Q9NVP8\_HUMAN | cDNA FLJ10595 fis, clone NT2RP2004791, moderately similar to PUTATIVE LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.4) |
| Q9NYD2\_HUMAN | Hepatocellular carcinoma-associated antigen 64 |
| Q9NZ87\_HUMAN | Uncharacterized bone marrow protein BM034 |
| Q9P100\_HUMAN | LIM-only protein FHL3 |
| Q9P1D1\_HUMAN | PRO2489 |
| Q9P1G4\_HUMAN | PRO1837 |
| Q9UE54\_HUMAN | Gene for antithrombin-III (aa 262-353) |
| Q9UIU0\_HUMAN | Dihydropyridine receptor alpha 2 subunit |
| Q9UM02\_HUMAN | Prolyl endopeptidase (EC 3.4.21.26) (Prolyl oligopeptidase) (EC 3.4.21.26) |
| Q9Y6E3\_HUMAN | HSPC027 |
| QIL1\_HUMAN | Protein QIL1 (Protein P117) |
| SLMO2\_HUMAN | Protein slowmo homolog 2 |
| TPM3L\_HUMAN | |
| X5CMH5\_HUMAN | TAP2 |
| YB011\_HUMAN | |

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