

Table S1
List of drugs caused mayopathy

Drug names	Drugbank ID	PubCID	SIDER database link	ATC code
zalcitabine	DB00943	5718	http://sideeffects.embl.de/drugs/5718/	J05AF03
daptomycin	DB00080	16129629	http://sideeffects.embl.de/drugs/16129629/	J01XX09
cyclosporine	DB00091	2909	http://sideeffects.embl.de/drugs/2909/	L04AA01
acamprosate	DB00659	71158	http://sideeffects.embl.de/drugs/71158/	N07BB03
allopurinol	DB00437	2094	http://sideeffects.embl.de/drugs/2094/	M04AA01
almotriptan	DB00918	123606	http://sideeffects.embl.de/drugs/123606/	N02CC05
amiodarone	DB01118	2156	http://sideeffects.embl.de/drugs/2156/	C01BD01
aripiprazole	DB01238	60795	http://sideeffects.embl.de/drugs/60795/	N05AX12
atazanavir	DB01072	148192	http://sideeffects.embl.de/drugs/148192/	J05AE08
atorvastatin	DB01076	2250	http://sideeffects.embl.de/drugs/2250/	C10AA05
candesartan	DB00796	2541	http://sideeffects.embl.de/drugs/2541/	C09CA06
cerivastatin sodium	DB00439	2676	http://sideeffects.embl.de/drugs/2676/	C10AA06
chloroquine	DB00608	2719	http://sideeffects.embl.de/drugs/2719/	P01BA01 P01BA02
cisatracurium	DB00565	47320	http://sideeffects.embl.de/drugs/47320/	M03AC11
clomipramine	DB01242	2801	http://sideeffects.embl.de/drugs/2801/	N06AA04
colchicine	DB01394	2833	http://sideeffects.embl.de/drugs/2833/	M04AC01
hydrocortisone	DB00741	3640	http://sideeffects.embl.de/drugs/3640/	A01AC03 A07EA02 C05AA01 D07AA02
cortisone	DB01380	222786	http://sideeffects.embl.de/drugs/222786/	H02AB10 S01BA03
betamethasone	DB01234	3003	http://sideeffects.embl.de/drugs/3003/	A01AC02 C05AA09 D07AB19 D07XB05
didanosine	DB00900	3043	http://sideeffects.embl.de/drugs/3043/	J05AF02
diltiazem	DB00343	3075	http://sideeffects.embl.de/drugs/3075/	C08DB01
cromolyn	DB01003	2881	http://sideeffects.embl.de/drugs/2881/	R01AC01 A07EB01 S01GX01 R03BC01
efavirenz	DB00625	3203	http://sideeffects.embl.de/drugs/3203/	J05AG03
eletriptan	DB00216	77993	http://sideeffects.embl.de/drugs/77993/	N02CC06
aminocaproic acid	DB00513	564	http://sideeffects.embl.de/drugs/564/	B02AA01
ezetimibe	DB00973	150311	http://sideeffects.embl.de/drugs/150311/	C10AX09
fentanyl	DB00813	3345	http://sideeffects.embl.de/drugs/3345/	N01AH01 N02AB03
fludrocortisone	DB00687	31378	http://sideeffects.embl.de/drugs/31378/	H02AA02
fluoxetine	DB00472	3386	http://sideeffects.embl.de/drugs/3386/	N06AB03
fluvastatin	DB01095	3403	http://sideeffects.embl.de/drugs/3403/	C10AA04
fluvoxamine	DB00176	3404	http://sideeffects.embl.de/drugs/3404/	N06AB08
foscarnet	DB00529	3414	http://sideeffects.embl.de/drugs/3414/	J05AD01
fosphenytoin	DB00252	56338	http://sideeffects.embl.de/drugs/56338/	N03AB02 N03AB04 N03AB05
gemfibrozil	DB01241	3463	http://sideeffects.embl.de/drugs/3463/	C10AB04
glatiramer acetate	DB05259	3081884	http://sideeffects.embl.de/drugs/3081884/	L03AX13
hydroxychloroquine	DB01611	3652	http://sideeffects.embl.de/drugs/3652/	P01BA02
indapamide	DB00808	3702	http://sideeffects.embl.de/drugs/3702/	C03BA11
labetalol	DB00598	3869	http://sideeffects.embl.de/drugs/3869/	C07AG01
lamivudine	DB00709	3877	http://sideeffects.embl.de/drugs/3877/	J05AF05
leuprolide	DB00007	3911	http://sideeffects.embl.de/drugs/3911/	L02AE02
lovastatin	DB00227	3962	http://sideeffects.embl.de/drugs/3962/	C10AA02
methylprednisolone	DB00959	4159	http://sideeffects.embl.de/drugs/4159/	D07AA01 D07AC14 D10AA02 H02AB04
nelfinavir	DB00220	4451	http://sideeffects.embl.de/drugs/4451/	J05AE04
niacin	DB00627	937	http://sideeffects.embl.de/drugs/937/	C04AC01 C10AD02
olanzapine	DB00334	4585	http://sideeffects.embl.de/drugs/4585/	N05AH03
paroxetine	DB00715	4691	http://sideeffects.embl.de/drugs/4691/	N06AB05
phenytoin	DB00252	1775	http://sideeffects.embl.de/drugs/1775/	N03AB02 N03AB04 N03AB05
pramipexole	DB00413	4885	http://sideeffects.embl.de/drugs/4885/	N04BC05
pravastatin	DB00175	4889	http://sideeffects.embl.de/drugs/4889/	C10AA03
prednisolone	DB00860	4894	http://sideeffects.embl.de/drugs/4894/	A07EA01 C05AA04 D07AA01 D07AA03
prednisone	DB00635	4900	http://sideeffects.embl.de/drugs/4900/	D07AC14 D07XA02 D10AA02 H02AB04
pregabalin	DB00230	125889	http://sideeffects.embl.de/drugs/125889/	A07EA03 H02AB07 H02AB15
progesterone	DB00396	4920	http://sideeffects.embl.de/drugs/4920/	N03AX16
propoxyphene	DB00647	10100	http://sideeffects.embl.de/drugs/10100/	G03AC06 G03DA02 G03DA03 G03DA04
raltegravir	NA	11598201	http://sideeffects.embl.de/drugs/11598201/	N02AC04 N02AC54 N02AC74
rifampin	DB01045	5381226	http://sideeffects.embl.de/drugs/5381226/	J05AX08
rocuronium	DB00728	60695	http://sideeffects.embl.de/drugs/60695/	J04AB02
rofecoxib	DB00533	5090	http://sideeffects.embl.de/drugs/5090/	M03AC09
rosuvastatin	DB01098	446157	http://sideeffects.embl.de/drugs/446157/	M01AH02
saquinavir	DB01232	60787	http://sideeffects.embl.de/drugs/60787/	C10AA07
selegiline	DB01037	5195	http://sideeffects.embl.de/drugs/5195/	J05AE01
simvastatin	DB00641	54454	http://sideeffects.embl.de/drugs/54454/	N04BD01
sumatriptan	DB00669	5358	http://sideeffects.embl.de/drugs/5358/	C10AA01
sunitinib	DB01268	3086686	http://sideeffects.embl.de/drugs/3086686/	N02CC01
tacrine	DB00382	1935	http://sideeffects.embl.de/drugs/1935/	L01XE04
temozolomide	DB00853	5394	http://sideeffects.embl.de/drugs/5394/	N06AA18 N06DA01
viread	DB00300	119830	http://sideeffects.embl.de/drugs/119830/	L01AX03
				J05AF07

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telbivudine	DB01265	1134	http://sideeffects.embl.de/drugs/1134/	J05AF11
tramadol	DB00193	5523	http://sideeffects.embl.de/drugs/5523/	N02AX02
triamcinolone	DB00620	5544	http://sideeffects.embl.de/drugs/5544/	A01AC01 D07AB09 D07XB02 H02AB08
venlafaxine	DB00285	5656	http://sideeffects.embl.de/drugs/5656/	N06AX16 N06AX23
voriconazole	DB00582	71616	http://sideeffects.embl.de/drugs/71616/	J02AC03
zidovudine	DB00495	5726	http://sideeffects.embl.de/drugs/5726/	J05AF01
ziprasidone	DB00246	60853	http://sideeffects.embl.de/drugs/60853/	N05AE04
eszopiclone	DB01198	5735	http://sideeffects.embl.de/drugs/5735/	N05CF01

Table S2
Top 100 genes found to be related to mayopathy

From	To	Species	Gene Name
8880	FUBP1	Homo sapiens	far upstream element (FUZE) binding protein 1
3725	Jun	Homo sapiens	jun oncogene
3872	KRT17P3	Homo sapiens	keratin 17; keratin 17 pseudogene 3
3872	KRT17	Homo sapiens	keratin 17; keratin 17 pseudogene 3
2099	Esr1	Homo sapiens	estrogen receptor 1
3535	IGLV2-11	Homo sapiens	immunoglobulin lambda variable 2-11; immunoglobulin lambda constant 2 (Kern-Oz- marker); immunoglobulin lambda variable 1-44; immunoglobulin lambda constant 1 (Mcg marker); immunoglobulin lambda variable 1-40; immunoglobulin lambda variable 3-21; immunoglobulin lambda locus; immunoglobulin lambda constant 3 (Kern-Oz+ marker)
3535	IGLV1-40	Homo sapiens	immunoglobulin lambda variable 2-11; immunoglobulin lambda constant 2 (Kern-Oz- marker); immunoglobulin lambda variable 1-44; immunoglobulin lambda constant 1 (Mcg marker); immunoglobulin lambda variable 1-40; immunoglobulin lambda variable 3-21; immunoglobulin lambda locus; immunoglobulin lambda constant 3 (Kern-Oz+ marker)
3535	IGLV1-44	Homo sapiens	immunoglobulin lambda variable 2-11; immunoglobulin lambda constant 2 (Kern-Oz- marker); immunoglobulin lambda variable 1-44; immunoglobulin lambda constant 1 (Mcg marker); immunoglobulin lambda variable 1-40; immunoglobulin lambda variable 3-21; immunoglobulin lambda locus; immunoglobulin lambda constant 3 (Kern-Oz+ marker)
3535	IGL@	Homo sapiens	immunoglobulin lambda variable 2-11; immunoglobulin lambda constant 2 (Kern-Oz- marker); immunoglobulin lambda variable 1-44; immunoglobulin lambda constant 1 (Mcg marker); immunoglobulin lambda variable 1-40; immunoglobulin lambda variable 3-21; immunoglobulin lambda locus; immunoglobulin lambda constant 3 (Kern-Oz+ marker)
3535	iglc1	Homo sapiens	immunoglobulin lambda variable 2-11; immunoglobulin lambda constant 2 (Kern-Oz- marker); immunoglobulin lambda variable 1-44; immunoglobulin lambda constant 1 (Mcg marker); immunoglobulin lambda variable 1-40; immunoglobulin lambda variable 3-21; immunoglobulin lambda locus; immunoglobulin lambda constant 3 (Kern-Oz+ marker)
3535	iglc2	Homo sapiens	immunoglobulin lambda variable 2-11; immunoglobulin lambda constant 2 (Kern-Oz- marker); immunoglobulin lambda variable 1-44; immunoglobulin lambda constant 1 (Mcg marker); immunoglobulin lambda variable 1-40; immunoglobulin lambda variable 3-21; immunoglobulin lambda locus; immunoglobulin lambda constant 3 (Kern-Oz+ marker)
3535	IGLV3-21	Homo sapiens	immunoglobulin lambda variable 2-11; immunoglobulin lambda constant 2 (Kern-Oz- marker); immunoglobulin lambda variable 1-44; immunoglobulin lambda constant 1 (Mcg marker); immunoglobulin lambda variable 1-40; immunoglobulin lambda variable 3-21; immunoglobulin lambda locus; immunoglobulin lambda constant 3 (Kern-Oz+ marker)
3535	IGLC3	Homo sapiens	immunoglobulin lambda variable 2-11; immunoglobulin lambda constant 2 (Kern-Oz- marker); immunoglobulin lambda variable 1-44; immunoglobulin lambda constant 1 (Mcg marker); immunoglobulin lambda variable 1-40; immunoglobulin lambda variable 3-21; immunoglobulin lambda locus; immunoglobulin lambda constant 3 (Kern-Oz+ marker)
4929	NR4A2	Homo sapiens	nuclear receptor subfamily 4, group A, member 2
414062	CCL3L1	Homo sapiens	chemokine (C-C motif) ligand 3-like 3; chemokine (C-C motif) ligand 3-like 1
414062	CCL3L3	Homo sapiens	chemokine (C-C motif) ligand 3-like 3; chemokine (C-C motif) ligand 3-like 1
1289	Col5a1	Homo sapiens	collagen, type V, alpha 1
5229	Pggt1b	Homo sapiens	protein geranylgeranyltransferase type I, beta subunit
26707	OR2J2	Homo sapiens	olfactory receptor, family 2, subfamily J, member 2
5178	PEG3AS	Homo sapiens	paternally expressed 3; PEG3 antisense RNA (non-protein coding); zinc finger, imprinted 2
5178	ZIM2	Homo sapiens	paternally expressed 3; PEG3 antisense RNA (non-protein coding); zinc finger, imprinted 2
5178	PEG3	Homo sapiens	paternally expressed 3; PEG3 antisense RNA (non-protein coding); zinc finger, imprinted 2

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26156	Rsl1d1	Homo sapiens	ribosomal L1 domain containing 1
6299	sal11	Homo sapiens	sal-like 1 (Drosophila)
1080	CFTR	Homo sapiens	cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7)
1896	eda	Homo sapiens	ectodysplasin A
4116	MAGOH	Homo sapiens	mago-nashi homolog, proliferation-associated (Drosophila)
7940	Lst1	Homo sapiens	leukocyte specific transcript 1
3856	KRT8P9	Homo sapiens	keratin 8 pseudogene 9; similar to keratin 8; keratin 8
3856	LOC149501	Homo sapiens	keratin 8 pseudogene 9; similar to keratin 8; keratin 8
3856	krt8	Homo sapiens	keratin 8 pseudogene 9; similar to keratin 8; keratin 8
6974	TRGV2	Homo sapiens	T cell receptor gamma variable 2
23063	WAPAL	Homo sapiens	wings apart-like homolog (Drosophila)
1519	Ctso	Homo sapiens	cathepsin O
1910	ednrb	Homo sapiens	endothelin receptor type B
23530	Nnt	Homo sapiens	nicotinamide nucleotide transhydrogenase
2314	flil	Homo sapiens	flightless I homolog (Drosophila)
821	Canx	Homo sapiens	calnexin
23197	FAF2	Homo sapiens	Fas associated factor family member 2
2273	fhl1	Homo sapiens	four and a half LIM domains 1
5564	PRKAB1	Homo sapiens	protein kinase, AMP-activated, beta 1 non-catalytic subunit
3320	HSP90AA2	Homo sapiens	heat shock protein 90kDa alpha (cytosolic), class A member 2; heat shock protein 90kDa alpha (cytosolic), class A member 1
3320	HSP90AA1	Homo sapiens	heat shock protein 90kDa alpha (cytosolic), class A member 2; heat shock protein 90kDa alpha (cytosolic), class A member 1
1462	VCAN	Homo sapiens	versican
4017	lox12	Homo sapiens	lysyl oxidase-like 2
5050	PAFAH1B3	Homo sapiens	platelet-activating factor acetylhydrolase, isoform Ib, subunit 3 (29kDa)
27006	FGF22	Homo sapiens	fibroblast growth factor 22
27005	USP21	Homo sapiens	ubiquitin specific peptidase 21
3119	HLA-DQB1	Homo sapiens	major histocompatibility complex, class II, DQ beta 1; similar to major histocompatibility complex, class II, DQ beta 1
3119	LOC100133583	Homo sapiens	major histocompatibility complex, class II, DQ beta 1; similar to major histocompatibility complex, class II, DQ beta 1
286451	YIPF6	Homo sapiens	Yip1 domain family, member 6
2778	Gnas	Homo sapiens	GNAS complex locus
5621	PRNP	Homo sapiens	prion protein
7430	EZR	Homo sapiens	hypothetical protein LOC100129652; ezrin
7430	LOC100129652	Homo sapiens	hypothetical protein LOC100129652; ezrin
9229	dlgap1	Homo sapiens	discs, large (Drosophila) homolog-associated protein 1
114884	OSBPL10	Homo sapiens	oxysterol binding protein-like 10
3425	ldua	Homo sapiens	iduronidase, alpha-L-
6382	sdc1	Homo sapiens	syndecan 1
4772	nfatc1	Homo sapiens	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1
998	Cdc42	Homo sapiens	cell division cycle 42 (GTP binding protein, 25kDa); cell division cycle 42 pseudogene 2
998	CDC42P2	Homo sapiens	cell division cycle 42 (GTP binding protein, 25kDa); cell division cycle 42 pseudogene 2
4149	MAX	Homo sapiens	MYC associated factor X
4147	Matn2	Homo sapiens	matrilin 2
7026	NR2F2	Homo sapiens	nuclear receptor subfamily 2, group F, member 2
1937	EEF1G	Homo sapiens	eukaryotic translation elongation factor 1 gamma
8572	PDLIM4	Homo sapiens	PDZ and LIM domain 4
54454	atad2b	Homo sapiens	ATPase family, AAA domain containing 2B
5912	RAP2B	Homo sapiens	RAP2B, member of RAS oncogene family
27239	GPR162	Homo sapiens	G protein-coupled receptor 162
7991	TUSC3	Homo sapiens	tumor suppressor candidate 3
2192	FBLN1	Homo sapiens	fibulin 1
3964	LGALS8	Homo sapiens	lectin, galactoside-binding, soluble, 8

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2575	GAGE4	Homo sapiens	G antigen 2A; G antigen 2B; G antigen 12I; G antigen 12F; G antigen 2E; G antigen 12G; G antigen 12D; G antigen 1; G antigen 2C; G antigen 12E; G antigen 2D; G antigen 12B; G antigen 3; G antigen 4; G antigen 12C; G antigen 5; G antigen 6; G antigen 7; G antigen 8
2575	GAGE7	Homo sapiens	G antigen 2A; G antigen 2B; G antigen 12I; G antigen 12F; G antigen 2E; G antigen 12G; G antigen 12D; G antigen 1; G antigen 2C; G antigen 12E; G antigen 2D; G antigen 12B; G antigen 3; G antigen 4; G antigen 12C; G antigen 5; G antigen 6; G antigen 7; G antigen 8
2575	GAGE12I	Homo sapiens	G antigen 2A; G antigen 2B; G antigen 12I; G antigen 12F; G antigen 2E; G antigen 12G; G antigen 12D; G antigen 1; G antigen 2C; G antigen 12E; G antigen 2D; G antigen 12B; G antigen 3; G antigen 4; G antigen 12C; G antigen 5; G antigen 6; G antigen 7; G antigen 8
2575	GAGE6	Homo sapiens	G antigen 2A; G antigen 2B; G antigen 12I; G antigen 12F; G antigen 2E; G antigen 12G; G antigen 12D; G antigen 1; G antigen 2C; G antigen 12E; G antigen 2D; G antigen 12B; G antigen 3; G antigen 4; G antigen 12C; G antigen 5; G antigen 6; G antigen 7; G antigen 8
2575	GAGE8	Homo sapiens	G antigen 2A; G antigen 2B; G antigen 12I; G antigen 12F; G antigen 2E; G antigen 12G; G antigen 12D; G antigen 1; G antigen 2C; G antigen 12E; G antigen 2D; G antigen 12B; G antigen 3; G antigen 4; G antigen 12C; G antigen 5; G antigen 6; G antigen 7; G antigen 8
780	DDR1	Homo sapiens	discoidin domain receptor tyrosine kinase 1
1137	Chrna4	Homo sapiens	cholinergic receptor, nicotinic, alpha 4
9612	ncor2	Homo sapiens	nuclear receptor co-repressor 2
6738	Trove2	Homo sapiens	TROVE domain family, member 2
2618	GART	Homo sapiens	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase
2262	Gpc5	Homo sapiens	glypican 5
55612	FERMT1	Homo sapiens	fermitin family homolog 1 (Drosophila)
2113	ETS1	Homo sapiens	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)
9788	mtss1	Homo sapiens	metastasis suppressor 1
4162	MCAM	Homo sapiens	melanoma cell adhesion molecule
4168	MCF2	Homo sapiens	MCF.2 cell line derived transforming sequence
861	Runx1	Homo sapiens	runt-related transcription factor 1
3500	IGHV3-11	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3500	IGHV3-7	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3500	IGHG3	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3500	Ighg1	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3500	IGH@	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3500	IGHM	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus

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3500	ighv4-31	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3705	ITPK1	Homo sapiens	inositol 1,3,4-triphosphate 5/6 kinase
606500	SNORD68	Homo sapiens	small nucleolar RNA, C/D box 68
4128	MAOA	Homo sapiens	monoamine oxidase A
5087	PBX1	Homo sapiens	pre-B-cell leukemia homeobox 1
7001	PRDX2	Homo sapiens	peroxiredoxin 2
3709	ITPR2	Homo sapiens	inositol 1,4,5-triphosphate receptor, type 2
5662	psd	Homo sapiens	pleckstrin and Sec7 domain containing
3507	IGHV3-11	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3507	IGHV3-7	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3507	IGHG3	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3507	Ighg1	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3507	IGH@	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3507	IGHM	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
3507	ighv4-31	Homo sapiens	immunoglobulin heavy constant gamma 1 (G1m marker); immunoglobulin heavy constant mu; immunoglobulin heavy variable 3-7; immunoglobulin heavy constant gamma 3 (G3m marker); immunoglobulin heavy variable 3-11 (gene/pseudogene); immunoglobulin heavy variable 4-31; immunoglobulin heavy locus
26105	DKFZP434C153	Homo sapiens	DKFZP434C153 protein
3178	LOC644037	Homo sapiens	heterogeneous nuclear ribonucleoprotein A1-like 3; similar to heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene 2; heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene
3178	LOC645691	Homo sapiens	heterogeneous nuclear ribonucleoprotein A1-like 3; similar to heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene 2; heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene
3178	HNRPA1L-2	Homo sapiens	heterogeneous nuclear ribonucleoprotein A1-like 3; similar to heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene 2; heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene
3178	LOC728643	Homo sapiens	heterogeneous nuclear ribonucleoprotein A1-like 3; similar to heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene 2; heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene

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3178	HNRNPA1P2	Homo sapiens	heterogeneous nuclear ribonucleoprotein A1-like 3; similar to heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene 2; heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene
3178	HNRNPA1	Homo sapiens	heterogeneous nuclear ribonucleoprotein A1-like 3; similar to heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene 2; heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene
3178	HNRPA1L3	Homo sapiens	heterogeneous nuclear ribonucleoprotein A1-like 3; similar to heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene 2; heterogeneous nuclear ribonucleoprotein A1; heterogeneous nuclear ribonucleoprotein A1 pseudogene
2528	FUT6	Homo sapiens	fucosyltransferase 6 (alpha (1,3) fucosyltransferase)
5460	pou5f1	Homo sapiens	POU class 5 homeobox 1
284443	ZNF493	Homo sapiens	zinc finger protein 493
3554	Il1r1	Homo sapiens	interleukin 1 receptor, type I
2733	GLE1	Homo sapiens	GLE1 RNA export mediator homolog (yeast)
3275	PRMT2	Homo sapiens	protein arginine methyltransferase 2
4137	mapt	Homo sapiens	microtubule-associated protein tau
1017	Cdk2	Homo sapiens	cyclin-dependent kinase 2
5902	RanBP1	Homo sapiens	similar to RAN binding protein 1; RAN binding protein 1
5902	LOC389842	Homo sapiens	similar to RAN binding protein 1; RAN binding protein 1
5902	LOC727803	Homo sapiens	similar to RAN binding protein 1; RAN binding protein 1
355	Fas	Homo sapiens	Fas (TNF receptor superfamily, member 6)
358	aqp1	Homo sapiens	aquaporin 1 (Colton blood group)
55341	lsg1	Homo sapiens	large subunit GTPase 1 homolog (<i>S. cerevisiae</i>)
5298	PI4KB	Homo sapiens	phosphatidylinositol 4-kinase, catalytic, beta
2035	epb41	Homo sapiens	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)
65220	nadK	Homo sapiens	NAD kinase
1209	CLPTM1	Homo sapiens	cleft lip and palate associated transmembrane protein 1