

**Dept. of Molecular Medicine (MOMA), Aarhus University Hospital, Denmark**  
**MOMA Exome Endocrinology v3 (2018-08-15), 284 genes**

<b>Approved symbol</b>	<b>Approved name</b>	<b>HGNC ID</b>	<b>Location</b>
<a href="#">ABCC8</a>	ATP binding cassette subfamily C member 8	HGNC:59	11p15.1
<a href="#">AGPAT2</a>	1-acylglycerol-3-phosphate O-acyltransferase 2	HGNC:325	9q34.3
<a href="#">AIP</a>	aryl hydrocarbon receptor interacting protein	HGNC:358	11q13.2
<a href="#">AIRE</a>	autoimmune regulator	HGNC:360	21q22.3
<a href="#">AKR1C2</a>	aldo-keto reductase family 1 member C2	HGNC:385	10p15.1
<a href="#">AKR1C4</a>	aldo-keto reductase family 1 member C4	HGNC:387	10p15.1
<a href="#">AKT2</a>	AKT serine/threonine kinase 2	HGNC:392	19q13.2
<a href="#">ALB</a>	albumin	HGNC:399	4q13.3
<a href="#">ALPL</a>	alkaline phosphatase, biomineralization associated	HGNC:438	1p36.12
<a href="#">AMER1</a>	APC membrane recruitment protein 1	HGNC:26837	Xq11.2
<a href="#">AMH</a>	anti-Mullerian hormone	HGNC:464	19p13.3
<a href="#">AMHR2</a>	anti-Mullerian hormone receptor type 2	HGNC:465	12q13.13
<a href="#">ANKH</a>	ANKH inorganic pyrophosphate transport regulator	HGNC:15492	5p15.2
<a href="#">ANOS1</a>	anosmin 1	HGNC:6211	Xp22.31
<a href="#">AP2S1</a>	adaptor related protein complex 2 subunit sigma 1	HGNC:565	19q13.32
<a href="#">APOA2</a>	apolipoprotein A2	HGNC:601	1q23.3
<a href="#">APPL1</a>	adaptor protein, phosphotyrosine interacting with PH domain and leucine zipper 1	HGNC:24035	3p14.3
<a href="#">AQP2</a>	aquaporin 2	HGNC:634	12q13.12
<a href="#">AR</a>	androgen receptor	HGNC:644	Xq12
<a href="#">ARL6</a>	ADP ribosylation factor like GTPase 6	HGNC:13210	3q11.2
<a href="#">ARX</a>	aristaless related homeobox	HGNC:18060	Xp21.3
<a href="#">ATF3</a>	activating transcription factor 3	HGNC:785	1q32.3
<a href="#">ATP6V0A4</a>	ATPase H+ transporting V0 subunit a4	HGNC:866	7q34
<a href="#">ATP6V1B1</a>	ATPase H+ transporting V1 subunit B1	HGNC:853	2p13.3
<a href="#">ATP7B</a>	ATPase copper transporting beta	HGNC:870	13q14.3
<a href="#">ATRX</a>	ATRX, chromatin remodeler	HGNC:886	Xq21.1
<a href="#">AVP</a>	arginine vasopressin	HGNC:894	20p13
<a href="#">AVPR2</a>	arginine vasopressin receptor 2	HGNC:897	Xq28
<a href="#">AXL</a>	AXL receptor tyrosine kinase	HGNC:905	19q13.2
<a href="#">BBS1</a>	Bardet-Biedl syndrome 1	HGNC:966	11q13.2
<a href="#">BBS10</a>	Bardet-Biedl syndrome 10	HGNC:26291	12q21.2
<a href="#">BBS12</a>	Bardet-Biedl syndrome 12	HGNC:26648	4q27
<a href="#">BBS2</a>	Bardet-Biedl syndrome 2	HGNC:967	16q13
<a href="#">BBS4</a>	Bardet-Biedl syndrome 4	HGNC:969	15q24.1
<a href="#">BBS5</a>	Bardet-Biedl syndrome 5	HGNC:970	2q31.1
<a href="#">BBS7</a>	Bardet-Biedl syndrome 7	HGNC:18758	4q27
<a href="#">BBS9</a>	Bardet-Biedl syndrome 9	HGNC:30000	7p14.3
<a href="#">BLK</a>	BLK proto-oncogene, Src family tyrosine kinase	HGNC:1057	8p23.1
<a href="#">BMP1</a>	bone morphogenetic protein 1	HGNC:1067	8p21.3
<a href="#">BMP15</a>	bone morphogenetic protein 15	HGNC:1068	Xp11.22
<a href="#">BRAF</a>	B-Raf proto-oncogene, serine/threonine kinase	HGNC:1097	7q34
<a href="#">BSCL2</a>	BSCL2, seipin lipid droplet biogenesis associated	HGNC:15832	11q12.3
<a href="#">BSND</a>	barttin CLCNK type accessory beta subunit	HGNC:16512	1p32.3
<a href="#">CACNA1S</a>	calcium voltage-gated channel subunit alpha1 S	HGNC:1397	1q32.1
<a href="#">CASR</a>	calcium sensing receptor	HGNC:1514	3q13.33-q21.1
<a href="#">CAV1</a>	caveolin 1	HGNC:1527	7q31.2

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<a href="#">CAVIN1</a>	caveolae associated protein 1	HGNC:9688	17q21.31
<a href="#">CBS</a>	cystathionine-beta-synthase	HGNC:1550	21q22.3
<a href="#">CBX2</a>	chromobox 2	HGNC:1552	17q25.3
<a href="#">CCND1</a>	cyclin D1	HGNC:1582	11q13.3
<a href="#">CDC73</a>	cell division cycle 73	HGNC:16783	1q31.2
<a href="#">CDKN1A</a>	cyclin dependent kinase inhibitor 1A	HGNC:1784	6p21.2
<a href="#">CDKN1B</a>	cyclin dependent kinase inhibitor 1B	HGNC:1785	12p13.1
<a href="#">CDKN1C</a>	cyclin dependent kinase inhibitor 1C	HGNC:1786	11p15.4
<a href="#">CEL</a>	carboxyl ester lipase	HGNC:1848	9q34.13
<a href="#">CHD7</a>	chromodomain helicase DNA binding protein 7	HGNC:20626	8q12.2
<a href="#">CIDEA</a>	cell death inducing DFFA like effector c	HGNC:24229	3p25.3
<a href="#">CISD2</a>	CDGSH iron sulfur domain 2	HGNC:24212	4q24
<a href="#">CLCN5</a>	chloride voltage-gated channel 5	HGNC:2023	Xp11.23
<a href="#">CLCN7</a>	chloride voltage-gated channel 7	HGNC:2025	16p13.3
<a href="#">CLCNKB</a>	chloride voltage-gated channel Kb	HGNC:2027	1p36.13
<a href="#">CLDN16</a>	claudin 16	HGNC:2037	3q28
<a href="#">COL1A1</a>	collagen type I alpha 1 chain	HGNC:2197	17q21.33
<a href="#">COL1A2</a>	collagen type I alpha 2 chain	HGNC:2198	7q21.3
<a href="#">COL4A5</a>	collagen type IV alpha 5 chain	HGNC:2207	Xq22.3
<a href="#">CREB3L1</a>	cAMP responsive element binding protein 3 like 1	HGNC:18856	11p11.2
<a href="#">CRTAP</a>	cartilage associated protein	HGNC:2379	3p22.3
<a href="#">CTSK</a>	cathepsin K	HGNC:2536	1q21.3
<a href="#">CYB5A</a>	cytochrome b5 type A	HGNC:2570	18q22.3
<a href="#">CYP11A1</a>	cytochrome P450 family 11 subfamily A member 1	HGNC:2590	15q24.1
<a href="#">CYP11B1</a>	cytochrome P450 family 11 subfamily B member 1	HGNC:2591	8q24.3
<a href="#">CYP11B2</a>	cytochrome P450 family 11 subfamily B member 2	HGNC:2592	8q24.3
<a href="#">CYP17A1</a>	cytochrome P450 family 17 subfamily A member 1	HGNC:2593	10q24.32
<a href="#">CYP19A1</a>	cytochrome P450 family 19 subfamily A member 1	HGNC:2594	15q21.2
<a href="#">CYP21A2</a>	cytochrome P450 family 21 subfamily A member 2	HGNC:2600	6p21.33
<a href="#">DCC</a>	DCC netrin 1 receptor	HGNC:2701	18q21.2
<a href="#">DGCR10</a>	DiGeorge syndrome critical region gene 10	HGNC:17864	22q11.21
<a href="#">DGCR11</a>	DiGeorge syndrome critical region gene 11	HGNC:17226	22q11.21
<a href="#">ESS2</a>	ess-2 splicing factor homolog	HGNC:16817	22q11.21
<a href="#">DGCR2</a>	DiGeorge syndrome critical region gene 2	HGNC:2845	22q11.21
<a href="#">DGCR5</a>	DiGeorge syndrome critical region gene 5	HGNC:16757	22q11.21
<a href="#">DGCR6</a>	DiGeorge syndrome critical region gene 6	HGNC:2846	22q11.21
<a href="#">DGCR6L</a>	DiGeorge syndrome critical region gene 6 like	HGNC:18551	22q11.21
<a href="#">DGCR8</a>	DGCR8, microprocessor complex subunit	HGNC:2847	22q11.21
<a href="#">DGCR9</a>	DiGeorge syndrome critical region gene 9	HGNC:17227	22q11.21
<a href="#">DHH</a>	desert hedgehog	HGNC:2865	12q13.12
<a href="#">DMP1</a>	dentin matrix acidic phosphoprotein 1	HGNC:2932	4q22.1
<a href="#">DMRT1</a>	doublesex and mab-3 related transcription factor 1	HGNC:2934	9p24.3
<a href="#">DMRT2</a>	doublesex and mab-3 related transcription factor 2	HGNC:2935	9p24.3
<a href="#">DMXL2</a>	Dmx like 2	HGNC:2938	15q21.2
<a href="#">EGLN1</a>	egl-9 family hypoxia inducible factor 1	HGNC:1232	1q42.2
<a href="#">EIF2AK3</a>	eukaryotic translation initiation factor 2 alpha kinase 3	HGNC:3255	2p11.2
<a href="#">ENPP1</a>	ectonucleotide pyrophosphatase/phosphodiesterase 1	HGNC:3356	6q23.2

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<a href="#">EPAS1</a>	endothelial PAS domain protein 1	HGNC:3374	2p21
<a href="#">FBN1</a>	fibrillin 1	HGNC:3603	15q21.1
<a href="#">FEZF1</a>	FEZ family zinc finger 1	HGNC:22788	7q31.32
<a href="#">FGF17</a>	fibroblast growth factor 17	HGNC:3673	8p21.3
<a href="#">FGF23</a>	fibroblast growth factor 23	HGNC:3680	12p13.32
<a href="#">FGF8</a>	fibroblast growth factor 8	HGNC:3686	10q24.32
<a href="#">FGFR1</a>	fibroblast growth factor receptor 1	HGNC:3688	8p11.23
<a href="#">FGFR2</a>	fibroblast growth factor receptor 2	HGNC:3689	10q26.13
<a href="#">FKBP10</a>	FK506 binding protein 10	HGNC:18169	17q21.2
<a href="#">FOXL2</a>	forkhead box L2	HGNC:1092	3q22.3
<a href="#">FOXP3</a>	forkhead box P3	HGNC:6106	Xp11.23
<a href="#">FSHB</a>	follicle stimulating hormone subunit beta	HGNC:3964	11p14.1
<a href="#">FSHR</a>	follicle stimulating hormone receptor	HGNC:3969	2p16.3
<a href="#">FTO</a>	FTO, alpha-ketoglutarate dependent dioxygenase	HGNC:24678	16q12.2
<a href="#">GATA3</a>	GATA binding protein 3	HGNC:4172	10p14
<a href="#">GATA4</a>	GATA binding protein 4	HGNC:4173	8p23.1
<a href="#">GATA6</a>	GATA binding protein 6	HGNC:4174	18q11.2
<a href="#">GCK</a>	glucokinase	HGNC:4195	7p13
<a href="#">GCM2</a>	glial cells missing homolog 2	HGNC:4198	6p24.2
<a href="#">GHRHR</a>	growth hormone releasing hormone receptor	HGNC:4266	7p14.3
<a href="#">GLIS3</a>	GLIS family zinc finger 3	HGNC:28510	9p24.2
<a href="#">GNA11</a>	G protein subunit alpha 11	HGNC:4379	19p13.3
<a href="#">GNAS</a>	GNAS complex locus	HGNC:4392	20q13.32
<a href="#">GNRH1</a>	gonadotropin releasing hormone 1	HGNC:4419	8p21.2
<a href="#">HDAC4</a>	histone deacetylase 4	HGNC:14063	2q37.3
<a href="#">HESX1</a>	HESX homeobox 1	HGNC:4877	3p14.3
<a href="#">HFE</a>	homeostatic iron regulator	HGNC:4886	6p22.2
<a href="#">HNF1A</a>	HNF1 homeobox A	HGNC:11621	12q24.31
<a href="#">HNF1B</a>	HNF1 homeobox B	HGNC:11630	17q12
<a href="#">HNF4A</a>	hepatocyte nuclear factor 4 alpha	HGNC:5024	20q13.12
<a href="#">HOXA13</a>	homeobox A13	HGNC:5102	7p15.2
<a href="#">HOXD13</a>	homeobox D13	HGNC:5136	2q31.1
<a href="#">HS6ST1</a>	heparan sulfate 6-O-sulfotransferase 1	HGNC:5201	2q14.3
<a href="#">HSD11B1</a>	hydroxysteroid 11-beta dehydrogenase 1	HGNC:5208	1q32.2
<a href="#">HSD11B2</a>	hydroxysteroid 11-beta dehydrogenase 2	HGNC:5209	16q22.1
<a href="#">HSD17B3</a>	hydroxysteroid 17-beta dehydrogenase 3	HGNC:5212	9q22.32
<a href="#">HSD17B4</a>	hydroxysteroid 17-beta dehydrogenase 4	HGNC:5213	5q23.1
<a href="#">HSD3B2</a>	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	HGNC:5218	1p12
<a href="#">IER3IP1</a>	immediate early response 3 interacting protein 1	HGNC:18550	18q21.1
<a href="#">IFITM5</a>	interferon induced transmembrane protein 5	HGNC:16644	11p15.5
<a href="#">IGF2</a>	insulin like growth factor 2	HGNC:5466	11p15.5
<a href="#">IGFALS</a>	insulin like growth factor binding protein acid labile subunit	HGNC:5468	16p13.3
<a href="#">IL17RD</a>	interleukin 17 receptor D	HGNC:17616	3p14.3
<a href="#">INS</a>	insulin	HGNC:6081	11p15.5
<a href="#">INSL3</a>	insulin like 3	HGNC:6086	19p13.11
<a href="#">KCNJ1</a>	potassium voltage-gated channel subfamily J member 1	HGNC:6255	11q24.3
<a href="#">KCNJ11</a>	potassium voltage-gated channel subfamily J member 11	HGNC:6257	11p15.1

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<a href="#">KCNJ18</a>	potassium voltage-gated channel subfamily J member 18	HGNC:39080	17p11.2
<a href="#">KISS1</a>	KiSS-1 metastasis suppressor	HGNC:6341	1q32.1
<a href="#">KISS1R</a>	KISS1 receptor	HGNC:4510	19p13.3
<a href="#">KLF11</a>	Kruppel like factor 11	HGNC:11811	2p25.1
<a href="#">KRAS</a>	KRAS proto-oncogene, GTPase	HGNC:6407	12p12.1
<a href="#">LEP</a>	leptin	HGNC:6553	7q32.1
<a href="#">LEPR</a>	leptin receptor	HGNC:6554	1p31.3
<a href="#">LHCGR</a>	luteinizing hormone/choriogonadotropin receptor	HGNC:6585	2p16.3
<a href="#">LHX3</a>	LIM homeobox 3	HGNC:6595	9q34.3
<a href="#">LHX4</a>	LIM homeobox 4	HGNC:21734	1q25.2
<a href="#">LIPE</a>	lipase E, hormone sensitive type	HGNC:6621	19q13.2
<a href="#">LMNA</a>	lamin A/C	HGNC:6636	1q22
<a href="#">LMNB1</a>	lamin B1	HGNC:6637	5q23.2
<a href="#">LMNB2</a>	lamin B2	HGNC:6638	19p13.3
<a href="#">LRP5</a>	LDL receptor related protein 5	HGNC:6697	11q13.2
<a href="#">MAMLD1</a>	mastermind like domain containing 1	HGNC:2568	Xq28
<a href="#">MAP3K1</a>	mitogen-activated protein kinase kinase kinase 1	HGNC:6848	5q11.2
<a href="#">MAS1</a>	MAS1 proto-oncogene, G protein-coupled receptor	HGNC:6899	6q25.3
<a href="#">MC4R</a>	melanocortin 4 receptor	HGNC:6932	18q21.32
<a href="#">MEN1</a>	menin 1	HGNC:7010	11q13
<a href="#">MKKS</a>	McKusick-Kaufman syndrome	HGNC:7108	20p12.2
<a href="#">MMP2</a>	matrix metalloproteinase 2	HGNC:7166	16q12.2
<a href="#">MNX1</a>	motor neuron and pancreas homeobox 1	HGNC:4979	7q36.3
<a href="#">NEUROD1</a>	neuronal differentiation 1	HGNC:7762	2q31.3
<a href="#">NEUROG3</a>	neurogenin 3	HGNC:13806	10q22.1
<a href="#">NF1</a>	neurofibromin 1	HGNC:7765	17q11.2
<a href="#">NF2</a>	neurofibromin 2	HGNC:7773	22q12.2
<a href="#">NIPA1</a>	NIPA magnesium transporter 1	HGNC:17043	15q11.2
<a href="#">NIPA2</a>	NIPA magnesium transporter 2	HGNC:17044	15q11.2
<a href="#">NKX2-2</a>	NK2 homeobox 2	HGNC:7835	20p11.22
<a href="#">NPFFR2</a>	neuropeptide FF receptor 2	HGNC:4525	4q13.3
<a href="#">NROB1</a>	nuclear receptor subfamily 0 group B member 1	HGNC:7960	Xp21.2
<a href="#">NR2F2</a>	nuclear receptor subfamily 2 group F member 2	HGNC:7976	15q26.2
<a href="#">NR3C1</a>	nuclear receptor subfamily 3 group C member 1	HGNC:7978	5q31.3
<a href="#">NR5A1</a>	nuclear receptor subfamily 5 group A member 1	HGNC:7983	9q33.3
<a href="#">NRAS</a>	NRAS proto-oncogene, GTPase	HGNC:7989	1p13.2
<a href="#">NSMF</a>	NMDA receptor synaptonuclear signaling and neuronal migration factor	HGNC:29843	9q34.3
<a href="#">NTN1</a>	netrin 1	HGNC:8029	17p13.1
<a href="#">OCRL</a>	OCRL, inositol polyphosphate-5-phosphatase	HGNC:8108	Xq26.1
<a href="#">OTUD4</a>	OTU deubiquitinase 4	HGNC:24949	4q31.21
<a href="#">P3H1</a>	prolyl 3-hydroxylase 1	HGNC:19316	1p34.2
<a href="#">PAX4</a>	paired box 4	HGNC:8618	7q32.1
<a href="#">PAX6</a>	paired box 6	HGNC:8620	11p13
<a href="#">PCSK1</a>	proprotein convertase subtilisin/kexin type 1	HGNC:8743	5q15
<a href="#">PDE3A</a>	phosphodiesterase 3A	HGNC:8778	12p12.2
<a href="#">PDE4D</a>	phosphodiesterase 4D	HGNC:8783	5q11.2-q12.1
<a href="#">PDX1</a>	pancreatic and duodenal homeobox 1	HGNC:6107	13q12.2

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<a href="#">PHEX</a>	phosphate regulating endopeptidase homolog X-linked	HGNC:8918	Xp22.11
<a href="#">PHF8</a>	PHD finger protein 8	HGNC:20672	Xp11.22
<a href="#">PIK3CA</a>	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha	HGNC:8975	3q26.32
<a href="#">PLAGL1</a>	PLAG1 like zinc finger 1	HGNC:9046	6q24.2
<a href="#">PLIN1</a>	perilipin 1	HGNC:9076	15q26.1
<a href="#">PLOD2</a>	procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	HGNC:9082	3q24
<a href="#">PLS3</a>	plastin 3	HGNC:9091	Xq23
<a href="#">PNPLA6</a>	patatin like phospholipase domain containing 6	HGNC:16268	19p13.2
<a href="#">POLD1</a>	DNA polymerase delta 1, catalytic subunit	HGNC:9175	19q13.3
<a href="#">POLR3B</a>	RNA polymerase III subunit B	HGNC:30348	12q23.3
<a href="#">POMC</a>	proopiomelanocortin	HGNC:9201	2p23.3
<a href="#">POR</a>	cytochrome p450 oxidoreductase	HGNC:9208	7q11.23
<a href="#">POU1F1</a>	POU class 1 homeobox 1	HGNC:9210	3p11.2
<a href="#">PPARG</a>	peroxisome proliferator activated receptor gamma	HGNC:9236	3p25.2
<a href="#">PPIB</a>	peptidylprolyl isomerase B	HGNC:9255	15q22.31
<a href="#">PRKAR1A</a>	protein kinase cAMP-dependent type I regulatory subunit alpha	HGNC:9388	17q24.2
<a href="#">PROK2</a>	prokineticin 2	HGNC:18455	3p13
<a href="#">PROKR2</a>	prokineticin receptor 2	HGNC:15836	20p12.3
<a href="#">PROP1</a>	PROP paired-like homeobox 1	HGNC:9455	5q35.3
<a href="#">PRRT2</a>	proline rich transmembrane protein 2	HGNC:30500	16p11.2
<a href="#">PTEN</a>	phosphatase and tensin homolog	HGNC:9588	10q23.31
<a href="#">PTF1A</a>	pancreas associated transcription factor 1a	HGNC:23734	10p12.2
<a href="#">PTH</a>	parathyroid hormone	HGNC:9606	11p15.3
<a href="#">PTH1R</a>	parathyroid hormone 1 receptor	HGNC:9608	3p21.31
<a href="#">PTHLH</a>	parathyroid hormone like hormone	HGNC:9607	12p11.22
<a href="#">PTPN11</a>	protein tyrosine phosphatase, non-receptor type 11	HGNC:9644	12q24.13
<a href="#">PTTG1</a>	pituitary tumor-transforming 1	HGNC:9690	5q33.3
<a href="#">RAF1</a>	Raf-1 proto-oncogene, serine/threonine kinase	HGNC:9829	3p25.2
<a href="#">RB1</a>	RB transcriptional corepressor 1	HGNC:9884	13q14.2
<a href="#">RET</a>	ret proto-oncogene	HGNC:9967	10q11.21
<a href="#">RFX6</a>	regulatory factor X6	HGNC:21478	6q22.1
<a href="#">RNF216</a>	ring finger protein 216	HGNC:21698	7p22.1
<a href="#">RSPO1</a>	R-spondin 1	HGNC:21679	1p34.3
<a href="#">RXFP2</a>	relaxin family peptide receptor 2	HGNC:17318	13q13.1
<a href="#">SCN4A</a>	sodium voltage-gated channel alpha subunit 4	HGNC:10591	17q23.3
<a href="#">SCNN1B</a>	sodium channel epithelial 1 beta subunit	HGNC:10600	16p12.2-p12.1
<a href="#">SCNN1G</a>	sodium channel epithelial 1 gamma subunit	HGNC:10602	16p12.2
<a href="#">SDHA</a>	succinate dehydrogenase complex flavoprotein subunit A	HGNC:10680	5p15.33
<a href="#">SDHAF2</a>	succinate dehydrogenase complex assembly factor 2	HGNC:26034	11q12.2
<a href="#">SDHB</a>	succinate dehydrogenase complex iron sulfur subunit B	HGNC:10681	1p36.13
<a href="#">SDHC</a>	succinate dehydrogenase complex subunit C	HGNC:10682	1q23.3
<a href="#">SDHD</a>	succinate dehydrogenase complex subunit D	HGNC:10683	11q23.1
<a href="#">SEMA3A</a>	semaphorin 3A	HGNC:10723	7q21.11
<a href="#">SEMA7A</a>	semaphorin 7A (John Milton Hagen blood group)	HGNC:10741	15q24.1
<a href="#">SERPINA7</a>	serpin family A member 7	HGNC:11583	Xq22.3
<a href="#">SERPINF1</a>	serpin family F member 1	HGNC:8824	17p13.3
<a href="#">SERPINH1</a>	serpin family H member 1	HGNC:1546	11q13.5

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<a href="#">SF1</a>	splicing factor 1	HGNC:12950	11q13.1
<a href="#">SH2B1</a>	SH2B adaptor protein 1	HGNC:30417	16p11.2
<a href="#">SHOX</a>	short stature homeobox	HGNC:10853	Xp22.33 and Yp11.32
<a href="#">SLC12A1</a>	solute carrier family 12 member 1	HGNC:10910	15q21.1
<a href="#">SLC12A3</a>	solute carrier family 12 member 3	HGNC:10912	16q13
<a href="#">SLC19A2</a>	solute carrier family 19 member 2	HGNC:10938	1q24.2
<a href="#">SLC26A4</a>	solute carrier family 26 member 4	HGNC:8818	7q22.3
<a href="#">SLC2A2</a>	solute carrier family 2 member 2	HGNC:11006	3q26.2
<a href="#">SLC34A1</a>	solute carrier family 34 member 1	HGNC:11019	5q35.3
<a href="#">SLC34A3</a>	solute carrier family 34 member 3	HGNC:20305	9q34.3
<a href="#">SLC4A1</a>	solute carrier family 4 member 1 (Diego blood group)	HGNC:11027	17q21.31
<a href="#">SLC7A7</a>	solute carrier family 7 member 7	HGNC:11065	14q11.2
<a href="#">SLC7A9</a>	solute carrier family 7 member 9	HGNC:11067	19q13.11
<a href="#">SLC9A3R1</a>	SLC9A3 regulator 1	HGNC:11075	17q25.1
<a href="#">SOS1</a>	SOS Ras/Rac guanine nucleotide exchange factor 1	HGNC:11187	2p22.1
<a href="#">SOST</a>	sclerostin	HGNC:13771	17q21.31
<a href="#">SOX10</a>	SRY-box 10	HGNC:11190	22q13.1
<a href="#">SOX2</a>	SRY-box 2	HGNC:11195	3q26.33
<a href="#">SOX3</a>	SRY-box 3	HGNC:11199	Xq27.1
<a href="#">SOX8</a>	SRY-box 8	HGNC:11203	16p13.3
<a href="#">SOX9</a>	SRY-box 9	HGNC:11204	17q24.3
<a href="#">SQSTM1</a>	sequestosome 1	HGNC:11280	5q35.3
<a href="#">SRD5A2</a>	steroid 5 alpha-reductase 2	HGNC:11285	2p23.1
<a href="#">SREBF1</a>	sterol regulatory element binding transcription factor 1	HGNC:11289	17p11.2
<a href="#">SRY</a>	sex determining region Y	HGNC:11311	Yp11.2
<a href="#">STAR</a>	steroidogenic acute regulatory protein	HGNC:11359	8p11.23
<a href="#">STAT3</a>	signal transducer and activator of transcription 3	HGNC:11364	17q21.2
<a href="#">TAC3</a>	tachykinin 3	HGNC:11521	12q13.3
<a href="#">TACR3</a>	tachykinin receptor 3	HGNC:11528	4q24
<a href="#">TBCE</a>	tubulin folding cofactor E	HGNC:11582	1q42.3
<a href="#">TBX1</a>	T-box 1	HGNC:11592	22q11.21
<a href="#">THRB</a>	thyroid hormone receptor beta	HGNC:11799	3p24.2
<a href="#">TMEM127</a>	transmembrane protein 127	HGNC:26038	2q11.2
<a href="#">TMEM38B</a>	transmembrane protein 38B	HGNC:25535	9q31.2
<a href="#">TNFRSF11A</a>	TNF receptor superfamily member 11a	HGNC:11908	18q21.33
<a href="#">TNFRSF11B</a>	TNF receptor superfamily member 11b	HGNC:11909	8q24.12
<a href="#">TRIM32</a>	tripartite motif containing 32	HGNC:16380	9q33.1
<a href="#">TRPS1</a>	transcriptional repressor GATA binding 1	HGNC:12340	8q23.3
<a href="#">TSPYL1</a>	TSPY like 1	HGNC:12382	6q22.1
<a href="#">TTC8</a>	tetratricopeptide repeat domain 8	HGNC:20087	14q31.3
<a href="#">VDR</a>	vitamin D receptor	HGNC:12679	12q13.11
<a href="#">VHL</a>	von Hippel-Lindau tumor suppressor	HGNC:12687	3p25.3
<a href="#">WDR11</a>	WD repeat domain 11	HGNC:13831	10q26.12
<a href="#">WFS1</a>	wolframin ER transmembrane glycoprotein	HGNC:12762	4p16.1
<a href="#">WNT1</a>	Wnt family member 1	HGNC:12774	12q13.12
<a href="#">WNT4</a>	Wnt family member 4	HGNC:12783	1p36.12
<a href="#">WT1</a>	Wilms tumor 1	HGNC:12796	11p13

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<a href="#">WWOX</a>	WW domain containing oxidoreductase	HGNC:12799	16q23.1-q23.2
<a href="#">ZFPM2</a>	zinc finger protein, FOG family member 2	HGNC:16700	8q23
<a href="#">ZNRF3</a>	zinc and ring finger 3	HGNC:18126	22q12.1