

Geni compresi nel pannello di esoma clinico

A	<i>ABI3BP</i>	<i>ACTG2</i>	<i>ADGRA2</i>	<i>AGTPBP1</i>	<i>ALDH1A3</i>
<i>A2M</i>	<i>ABL1</i>	<i>ACTN1</i>	<i>ADGRA3</i>	<i>AGTR1</i>	<i>ALDH1B1</i>
<i>A4GALT</i>	<i>ABL2</i>	<i>ACTN2</i>	<i>ADGRG1</i>	<i>AGTR2</i>	<i>ALDH2</i>
<i>A4GNT</i>	<i>ABO</i>	<i>ACTN3</i>	<i>ADGRG4</i>	<i>AGXT</i>	<i>ALDH3A2</i>
<i>AAAS</i>	<i>ABRAXAS1</i>	<i>ACTN4</i>	<i>ADGRV1</i>	<i>AGXT2</i>	<i>ALDH4A1</i>
<i>AADAC</i>	<i>ABRAXAS2</i>	<i>ACTR3C</i>	<i>ADH1A</i>	<i>AHCY</i>	<i>ALDH5A1</i>
<i>AADA2L2</i>	<i>ACACA</i>	<i>ACTRT1</i>	<i>ADH1B</i>	<i>AHDC1</i>	<i>ALDH6A1</i>
<i>AAGAB</i>	<i>ACACB</i>	<i>ACVR1</i>	<i>ADH1C</i>	<i>AHI1</i>	<i>ALDH7A1</i>
<i>AANAT</i>	<i>ACAD10</i>	<i>ACVR1B</i>	<i>ADH4</i>	<i>AHNAK2</i>	<i>ALDOA</i>
<i>AARS</i>	<i>ACAD11</i>	<i>ACVR1C</i>	<i>ADH5</i>	<i>AHR</i>	<i>ALDOB</i>
<i>AARS2</i>	<i>ACAD8</i>	<i>ACVR2A</i>	<i>ADH7</i>	<i>AHRR</i>	<i>ALG1</i>
<i>AASS</i>	<i>ACAD9</i>	<i>ACVR2B</i>	<i>ADIPOQ</i>	<i>AHSG</i>	<i>ALG10</i>
<i>ABAT</i>	<i>ACADL</i>	<i>ACVRL1</i>	<i>ADIPOR1</i>	<i>AHSP</i>	<i>ALG10B</i>
<i>ABCA1</i>	<i>ACADM</i>	<i>ACY1</i>	<i>ADK</i>	<i>AICDA</i>	<i>ALG11</i>
<i>ABCA10</i>	<i>ACADS</i>	<i>ADA</i>	<i>ADM</i>	<i>AIF1</i>	<i>ALG12</i>
<i>ABCA12</i>	<i>ACADSB</i>	<i>ADA2</i>	<i>ADNP</i>	<i>AIFM1</i>	<i>ALG13</i>
<i>ABCA13</i>	<i>ACADVL</i>	<i>ADAM10</i>	<i>ADORA1</i>	<i>AIMP1</i>	<i>ALG14</i>
<i>ABCA2</i>	<i>ACAN</i>	<i>ADAM12</i>	<i>ADORA2A</i>	<i>AIP</i>	<i>ALG2</i>
<i>ABCA3</i>	<i>ACAT1</i>	<i>ADAM17</i>	<i>ADORA3</i>	<i>AIPL1</i>	<i>ALG3</i>
<i>ABCA4</i>	<i>ACAT2</i>	<i>ADAM19</i>	<i>ADRA1A</i>	<i>AIRE</i>	<i>ALG5</i>
<i>ABCA5</i>	<i>ACBD5</i>	<i>ADAM22</i>	<i>ADRA2A</i>	<i>AK1</i>	<i>ALG6</i>
<i>ABCA7</i>	<i>ACBD6</i>	<i>ADAM23</i>	<i>ADRA2B</i>	<i>AK2</i>	<i>ALG8</i>
<i>ABCB1</i>	<i>ACCS</i>	<i>ADAM33</i>	<i>ADRA2C</i>	<i>AK7</i>	<i>ALG9</i>
<i>ABCB11</i>	<i>ACE</i>	<i>ADAM7</i>	<i>ADRB1</i>	<i>AK8</i>	<i>ALK</i>
<i>ABCB4</i>	<i>ACHE</i>	<i>ADAM9</i>	<i>ADRB2</i>	<i>AKAP1</i>	<i>ALKBH2</i>
<i>ABCB5</i>	<i>ACKR1</i>	<i>ADAMTS1</i>	<i>ADRB3</i>	<i>AKAP10</i>	<i>ALKBH3</i>
<i>ABCB6</i>	<i>ACKR3</i>	<i>ADAMTS10</i>	<i>ADSL</i>	<i>AKAP13</i>	<i>ALMS1</i>
<i>ABCB7</i>	<i>ACLY</i>	<i>ADAMTS13</i>	<i>ADTRP</i>	<i>AKAP2</i>	<i>ALOX12</i>
<i>ABCC1</i>	<i>ACMSD</i>	<i>ADAMTS16</i>	<i>AEBP1</i>	<i>AKAP9</i>	<i>ALOX12B</i>
<i>ABCC11</i>	<i>ACO2</i>	<i>ADAMTS17</i>	<i>AFF2</i>	<i>AKR1B1</i>	<i>ALOX15</i>
<i>ABCC12</i>	<i>ACOX1</i>	<i>ADAMTS18</i>	<i>AFF3</i>	<i>AKR1C2</i>	<i>ALOX5</i>
<i>ABCC2</i>	<i>ACP1</i>	<i>ADAMTS19</i>	<i>AFF4</i>	<i>AKR1C3</i>	<i>ALOX5AP</i>
<i>ABCC3</i>	<i>ACP2</i>	<i>ADAMTS2</i>	<i>AFG3L2</i>	<i>AKR1C4</i>	<i>ALOXE3</i>
<i>ABCC4</i>	<i>ACP5</i>	<i>ADAMTSL2</i>	<i>AFP</i>	<i>AKR1D1</i>	<i>ALPL</i>
<i>ABCC6</i>	<i>ACP6</i>	<i>ADAMTSL3</i>	<i>AGA</i>	<i>AKR7A2</i>	<i>ALPP</i>
<i>ABCC8</i>	<i>ACR</i>	<i>ADAMTSL4</i>	<i>AGBL1</i>	<i>AKR7A3</i>	<i>ALS2</i>
<i>ABCC9</i>	<i>ACSF3</i>	<i>ADAR</i>	<i>AGBL4</i>	<i>AKT1</i>	<i>ALS2CL</i>
<i>ABCD1</i>	<i>ACSL4</i>	<i>ADARB1</i>	<i>AGER</i>	<i>AKT2</i>	<i>ALX1</i>
<i>ABCD3</i>	<i>ACSL5</i>	<i>ADCY1</i>	<i>AGGF1</i>	<i>AKT3</i>	<i>ALX3</i>
<i>ABCD4</i>	<i>ACSL6</i>	<i>ADCY10</i>	<i>AGK</i>	<i>ALAD</i>	<i>ALX4</i>
<i>ABCG1</i>	<i>ACSM2B</i>	<i>ADCY3</i>	<i>AGL</i>	<i>ALAS2</i>	<i>AMACR</i>
<i>ABCG2</i>	<i>ACSM3</i>	<i>ADCY5</i>	<i>AGMO</i>	<i>ALB</i>	<i>AMBN</i>
<i>ABCG5</i>	<i>ACTA1</i>	<i>ADCY6</i>	<i>AGPAT2</i>	<i>ALCAM</i>	<i>AMD1</i>
<i>ABCG8</i>	<i>ACTA2</i>	<i>ADCY9</i>	<i>AGPS</i>	<i>ALDH16A1</i>	<i>AMELX</i>
<i>ABHD1</i>	<i>ACTB</i>	<i>ADCYAP1</i>	<i>AGRN</i>	<i>ALDH18A1</i>	<i>AMELY</i>
<i>ABHD12</i>	<i>ACTC1</i>	<i>ADD1</i>	<i>AGRP</i>	<i>ALDH1A1</i>	<i>AMER1</i>
<i>ABHD5</i>	<i>ACTG1</i>	<i>ADD2</i>	<i>AGT</i>	<i>ALDH1A2</i>	<i>AMH</i>

AMHR2	AP3B2	AQP1	ARNT	ATL1	ATRX
AMN	AP3D1	AQP2	ARNT2	ATL3	ATXN1
AMPD1	AP4B1	AQP3	ARNTL	ATM	ATXN10
AMPD2	AP4E1	AQP4	ARPC3	ATN1	ATXN2
AMPD3	AP4M1	AQP5	ARSA	ATOH7	ATXN3
AMT	AP4S1	AQP7	ARSB	ATP10A	ATXN3L
ANAPC1	AP5Z1	AR	ARSE	ATP10D	ATXN7
ANG	APAF1	ARAF	ARSF	ATP11B	ATXN8OS
ANGPT1	APBA2	AREG	ARSH	ATP13A2	AUH
ANGPT2	APBB1	AREL1	ARSI	ATP13A4	AUP1
ANGPTL3	APBB1IP	ARF4	ART4	ATP13A5	AURKA
ANGPTL4	APBB2	ARFGEF2	ARV1	ATP1A1	AURKB
ANGPTL5	APBB3	ARFRP1	ARVCF	ATP1A2	AURKC
ANGPTL6	APC	ARG1	ARX	ATP1A3	AUTS2
ANK1	APC2	ARHGAP18	AS3MT	ATP1B1	AVP
ANK2	APCDD1	ARHGAP24	ASAH1	ATP1B4	AVPR1A
ANK3	APCS	ARHGAP26	ASAH2	ATP2A1	AVPR1B
ANKH	APEX1	ARHGAP29	ASB1	ATP2A2	AVPR2
ANKK1	APEX2	ARHGAP31	ASB10	ATP2A3	AXIN1
ANKLE2	APH1A	ARHGAP45	ASCC1	ATP2B2	AXIN2
ANKRD1	APH1B	ARHGAP6	ASCC3	ATP2B3	AXL
ANKRD11	APLF	ARHGAP9	ASCL1	ATP2B4	AZIN2
ANKRD26	APLNR	ARHGDI1A	ASH1L	ATP2C1	
ANKRD28	APOA1	ARHGEF10	ASIC3	ATP5A1	B
ANKRD44	APOA2	ARHGEF11	ASIP	ATP5B	B2M
ANKRD52	APOA4	ARHGEF12	ASL	ATP5C1	B3GALNT1
ANKS1A	APOA5	ARHGEF4	ASMT	ATP5E	B3GALNT2
ANKS1B	APOB	ARHGEF6	ASMTL	ATP5G1	B3GALT1
ANKS3	APOBEC1	ARHGEF7	ASNS	ATP5G2	B3GALT2
ANKS6	APOBEC3B	ARHGEF9	ASPA	ATP5G3	B3GALT5
ANLN	APOBEC3G	ARID1A	ASPH	ATP5I	B3GALT6
ANO10	APOBEC3H	ARID1B	ASPM	ATP5J	B3GAT1
ANO3	APOC1	ARID2	ASPN	ATP5O	B3GAT2
ANO5	APOC2	ARID4A	ASPRV1	ATP6AP2	B3GAT3
ANO6	APOC3	ARID4B	ASPSCR1	ATP6V0A1	B3GLCT
ANO7	APOC4	ARID5A	ASS1	ATP6V0A2	B3GNT2
ANOS1	APOD	ARIH1	ASTN2	ATP6V0A4	B3GNT3
ANTXR1	APOE	ARL11	ASXL1	ATP6V0C	B3GNT4
ANTXR2	APOH	ARL13B	ASXL3	ATP6V1B1	B3GNT5
ANXA1	APOL1	ARL14EP	ATAD3A	ATP6V1B2	B3GNT6
ANXA11	APOL2	ARL2BP	ATAD3B	ATP7A	B3GNT7
ANXA5	APOL3	ARL3	ATCAY	ATP7B	B3GNT8
AOAH	APOL4	ARL6	ATF1	ATP8A2	B4GALNT1
AOC1	APOL6	ARL6IP1	ATF3	ATP8B1	B4GALNT2
AP1S1	APOM	ARL6IP5	ATF5	ATPAF2	B4GALNT3
AP1S2	APOPT1	ARL6IP6	ATF6	ATR	B4GALNT4
AP1S3	APP	ARMC4	ATG16L1	ATRIP	B4GALT1
AP2S1	APRT	ARMC5	ATG7	ATRNL	B4GALT2
AP3B1	APTXX	ARMS2	ATIC	ATRNL1	B4GALT3

<i>B4GALT4</i>	<i>BCL9</i>	<i>BMS1</i>	<i>C12orf4</i>	<i>CA2</i>	<i>CAPN10</i>
<i>B4GALT5</i>	<i>BCLAF1</i>	<i>BNC2</i>	<i>C12orf57</i>	<i>CA4</i>	<i>CAPN12</i>
<i>B4GALT6</i>	<i>BCO1</i>	<i>BOC</i>	<i>C12orf65</i>	<i>CA5A</i>	<i>CAPN13</i>
<i>B4GALT7</i>	<i>BCOR</i>	<i>BOLA1</i>	<i>C12orf66</i>	<i>CA6</i>	<i>CAPN3</i>
<i>B4GAT1</i>	<i>BCORL1</i>	<i>BOLA2</i>	<i>C14orf2</i>	<i>CA8</i>	<i>CAPN5</i>
<i>B9D1</i>	<i>BCR</i>	<i>BOLA2B</i>	<i>C15orf41</i>	<i>CABIN1</i>	<i>CAPRN1</i>
<i>B9D2</i>	<i>BCS1L</i>	<i>BOLA3</i>	<i>C15orf62</i>	<i>CABP2</i>	<i>CARD11</i>
<i>BAALC</i>	<i>BDKRB2</i>	<i>BPGM</i>	<i>C16orf58</i>	<i>CABP4</i>	<i>CARD14</i>
<i>BAAT</i>	<i>BDNF</i>	<i>BPI</i>	<i>C18orf8</i>	<i>CACHD1</i>	<i>CARD8</i>
<i>BABAM1</i>	<i>BDP1</i>	<i>BPIFA1</i>	<i>C19orf12</i>	<i>CACNA1A</i>	<i>CARD9</i>
<i>BACE1</i>	<i>BEAN1</i>	<i>BPIFA3</i>	<i>C1GALT1</i>	<i>CACNA1B</i>	<i>CARS2</i>
<i>BACH1</i>	<i>BEND2</i>	<i>BPIFB6</i>	<i>C1GALT1C1</i>	<i>CACNA1C</i>	<i>CARTPT</i>
<i>BAG3</i>	<i>BEST1</i>	<i>BPY2</i>	<i>C1orf127</i>	<i>CACNA1D</i>	<i>CASC16</i>
<i>BAG6</i>	<i>BEX4</i>	<i>BRAF</i>	<i>C1QA</i>	<i>CACNA1E</i>	<i>CASC4</i>
<i>BANF1</i>	<i>BFSP1</i>	<i>BRAP</i>	<i>C1QB</i>	<i>CACNA1F</i>	<i>CASK</i>
<i>BANK1</i>	<i>BFSP2</i>	<i>BRAT1</i>	<i>C1QC</i>	<i>CACNA1G</i>	<i>CASP1</i>
<i>BAP1</i>	<i>BGN</i>	<i>BRCA1</i>	<i>C1QTNF5</i>	<i>CACNA1H</i>	<i>CASP10</i>
<i>BARD1</i>	<i>BHLHA9</i>	<i>BRCA2</i>	<i>C1R</i>	<i>CACNA1S</i>	<i>CASP12</i>
<i>BARX2</i>	<i>BHLHE41</i>	<i>BRCC3</i>	<i>C1S</i>	<i>CACNA2D1</i>	<i>CASP2</i>
<i>BAX</i>	<i>BHMT</i>	<i>BRD1</i>	<i>C2</i>	<i>CACNA2D2</i>	<i>CASP3</i>
<i>BAZ1B</i>	<i>BICC1</i>	<i>BRD2</i>	<i>C21orf2</i>	<i>CACNA2D3</i>	<i>CASP5</i>
<i>BBIP1</i>	<i>BICD1</i>	<i>BRD4</i>	<i>C21orf59</i>	<i>CACNA2D4</i>	<i>CASP8</i>
<i>BBS1</i>	<i>BICD2</i>	<i>BRF1</i>	<i>C21orf91</i>	<i>CACNB2</i>	<i>CASP9</i>
<i>BBS10</i>	<i>BICRA</i>	<i>BRIP1</i>	<i>C2CD3</i>	<i>CACNB4</i>	<i>CASQ1</i>
<i>BBS12</i>	<i>BIN1</i>	<i>BRSK2</i>	<i>C2CD5</i>	<i>CACNG2</i>	<i>CASQ2</i>
<i>BBS2</i>	<i>BIRC5</i>	<i>BRWD1</i>	<i>C2orf42</i>	<i>CACNG3</i>	<i>CASR</i>
<i>BBS4</i>	<i>BIVM</i>	<i>BRWD3</i>	<i>C2orf71</i>	<i>CACNG4</i>	<i>CAST</i>
<i>BBS5</i>	<i>BLK</i>	<i>BSCL2</i>	<i>C2orf80</i>	<i>CADM1</i>	<i>CAT</i>
<i>BBS7</i>	<i>BLM</i>	<i>BSG</i>	<i>C3</i>	<i>CADPS2</i>	<i>CATSPER1</i>
<i>BBS9</i>	<i>BLMH</i>	<i>BSND</i>	<i>C3AR1</i>	<i>CALCA</i>	<i>CATSPER2</i>
<i>BCAM</i>	<i>BLNK</i>	<i>BST1</i>	<i>C3orf35</i>	<i>CALCR</i>	<i>CATSPER3</i>
<i>BCAP31</i>	<i>BLOC1S3</i>	<i>BTAF1</i>	<i>C4A</i>	<i>CALCRL</i>	<i>CATSPER4</i>
<i>BCAS2</i>	<i>BLOC1S5</i>	<i>BTBD9</i>	<i>C4B</i>	<i>CALHM1</i>	<i>CAV1</i>
<i>BCAT1</i>	<i>BLOC1S6</i>	<i>BTC</i>	<i>C4BPA</i>	<i>CALM1</i>	<i>CAV3</i>
<i>BCAT2</i>	<i>BLVRA</i>	<i>BTD</i>	<i>C4orf19</i>	<i>CALM2</i>	<i>CAVIN1</i>
<i>BCHE</i>	<i>BMI1</i>	<i>BTK</i>	<i>C5</i>	<i>CALM3</i>	<i>CAVIN4</i>
<i>BCKDHA</i>	<i>BMP1</i>	<i>BTLA</i>	<i>C5AR2</i>	<i>CALR</i>	<i>CBFA2T2</i>
<i>BCKDHB</i>	<i>BMP10</i>	<i>BTN1A1</i>	<i>C5orf42</i>	<i>CALR3</i>	<i>CBFA2T3</i>
<i>BCKDK</i>	<i>BMP15</i>	<i>BTN2A1</i>	<i>C6</i>	<i>CAMK2G</i>	<i>CBFB</i>
<i>BCL10</i>	<i>BMP2</i>	<i>BTNL2</i>	<i>C6orf15</i>	<i>CAMK4</i>	<i>CBL</i>
<i>BCL11A</i>	<i>BMP2K</i>	<i>BTRC</i>	<i>C7</i>	<i>CAMKK1</i>	<i>CBLB</i>
<i>BCL2</i>	<i>BMP3</i>	<i>BUB1</i>	<i>C7orf43</i>	<i>CAMKK2</i>	<i>CBR1</i>
<i>BCL2A1</i>	<i>BMP4</i>	<i>BUB1B</i>	<i>C8A</i>	<i>CAMKMT</i>	<i>CBR3</i>
<i>BCL2L1</i>	<i>BMP5</i>	<i>BUB3</i>	<i>C8B</i>	<i>CAMP</i>	<i>CBS</i>
<i>BCL2L11</i>	<i>BMP7</i>	<i>BVES</i>	<i>C8orf37</i>	<i>CAMSAP2</i>	<i>CBX2</i>
<i>BCL2L2</i>	<i>BMPER</i>		<i>C9</i>	<i>CAMTA1</i>	<i>CBX4</i>
<i>BCL3</i>	<i>BMPR1A</i>	C	<i>C9orf72</i>	<i>CAMTA2</i>	<i>CBY1</i>
<i>BCL6</i>	<i>BMPR1B</i>	<i>C11orf40</i>	<i>CA1</i>	<i>CANT1</i>	<i>CC2D1A</i>
<i>BCL7A</i>	<i>BMPR2</i>	<i>C12orf10</i>	<i>CA12</i>	<i>CAPN1</i>	<i>CC2D2A</i>

CCBE1	CCNQ	CD79B	CDKN1C	CES1	CHM
CCDC103	CCNT2	CD80	CDKN2A	CES2	CHMP1A
CCDC107	CCPG1	CD81	CDKN2AIP	CETN2	CHMP2B
CCDC114	CCR1	CD82	CDKN2B	CETP	CHMP4B
CCDC127	CCR2	CD86	CDKN2B-A	CFAP53	CHN1
CCDC14	CCR3	CD8A	S1	CFAP57	CHPF
CCDC148	CCR5	CD96	CDKN2C	CFB	CHPF2
CCDC151	CCR6	CDA	CDON	CFC1	CHRD
CCDC170	CCR7	CDAN1	CDSN	CFD	CHRD1
CCDC18	CCRL2	CDC25A	CDT1	CFH	CHRFAM7A
CCDC198	CCSER1	CDC25C	CDX1	CFHR1	CHRM1
CCDC22	CCT5	CDC27	CDX2	CFHR2	CHRM2
CCDC28B	CCT7	CDC42	CDY1	CFHR3	CHRM3
CCDC33	CD109	CDC42BPB	CDY2A	CFHR4	CHRNA1
CCDC39	CD14	CDC5L	CDYL	CFHR5	CHRNA2
CCDC40	CD151	CDC6	CEACAM16	CFI	CHRNA3
CCDC50	CD177	CDC73	CEBPA	CFL1	CHRNA4
CCDC6	CD19	CDCA7L	CEBPE	CFL2	CHRNA5
CCDC62	CD1A	CDH1	CECR2	CFLAR	CHRNA7
CCDC65	CD1E	CDH12	CEL	CFP	CHRNA9
CCDC66	CD200	CDH13	CELF4	CFTR	CHRN1
CCDC78	CD207	CDH15	CELF6	CGA	CHRN2
CCDC8	CD209	CDH18	CELSR1	CGB3	CHRN3
CCDC85C	CD22	CDH19	CELSR2	CGNL1	CHRN4
CCDC88C	CD226	CDH2	CEMIP	CHAF1B	CHRNA
CCDC90B	CD24	CDH20	CENPE	CHAMP1	CHRNA
CCHCR1	CD244	CDH23	CENPJ	CHAT	CHRNA
CCK	CD247	CDH3	CENPS	CHCHD10	CHST14
CCKAR	CD27	CDH5	CENPX	CHD1	CHST3
CCKBR	CD2AP	CDH8	CEP120	CHD1L	CHST6
CCL11	CD320	CDH9	CEP126	CHD2	CHST7
CCL13	CD36	CDHR1	CEP135	CHD3	CHST8
CCL17	CD38	CDK11A	CEP152	CHD4	CHSY1
CCL2	CD3D	CDK12	CEP164	CHD6	CHSY3
CCL22	CD3E	CDK16	CEP170B	CHD7	CHUK
CCL26	CD3EAP	CDK19	CEP19	CHD8	CIAO1
CCL3	CD3G	CDK4	CEP250	CHDH	CIB2
CCL3L1	CD4	CDK5	CEP290	CHEK1	CIC
CCL4L1	CD40	CDK5R1	CEP41	CHEK2	CIDEA
CCL5	CD40LG	CDK5RAP2	CEP57	CHFR	CIDEC
CCL7	CD44	CDK5RAP3	CEP63	CHGA	CIITA
CCM2	CD46	CDK6	CEP68	CHGB	CILP
CCNA2	CD5	CDK7	CEP83	CHI3L1	CISD2
CCND1	CD55	CDK8	CEP85L	CHI3L2	CISH
CCND2	CD58	CDKAL1	CEP89	CHIA	CITED2
CCND3	CD59	CDKL3	CER1	CHIC2	CIZ1
CCNE1	CD72	CDKL5	CERKL	CHIT1	CKAP2L
CCNH	CD74	CDKN1A	CERS3	CHKB	CKM
CCNO	CD79A	CDKN1B	CERS6	CHL1	CLASP2

CLCA1	CLU	COL12A1	COX20	CRK	CST3
CLCA2	CLUL1	COL15A1	COX4I1	CRKL	CST6
CLCF1	CLYBL	COL17A1	COX4I2	CRLF1	CST9
CLCN1	CMA1	COL18A1	COX5A	CRMP1	CSTA
CLCN2	CMIP	COL1A1	COX5B	CROCC	CSTB
CLCN3	CMPK1	COL1A2	COX6A1	CRP	CSTF2
CLCN4	CNBP	COL21A1	COX6B1	CRTAP	CSTF2T
CLCN5	CNDP1	COL25A1	COX6C	CRTC1	CT45A2
CLCN6	CNDP2	COL27A1	COX7A1	CRX	CTC1
CLCN7	CNGA1	COL2A1	COX7A2	CRY1	CTCF
CLCNKA	CNGA3	COL3A1	COX7B	CRY2	CTDP1
CLCNKB	CNGB1	COL4A1	COX7B2	CRYAA	CTF1
CLDN1	CNGB3	COL4A2	COX7C	CRYAB	CTGF
CLDN14	CNKSR1	COL4A3	CP	CRYBA1	CTH
CLDN16	CNKSR2	COL4A3BP	CPA1	CRYBA2	CTHRC1
CLDN19	CNN2	COL4A4	CPA4	CRYBA4	CTLA4
CLDN23	CNNM2	COL4A5	CPA6	CRYBB1	CTNNA1
CLEC10A	CNNM4	COL4A6	CPB2	CRYBB2	CTNNA2
CLEC11A	CNOT3	COL5A1	CPE	CRYBB3	CTNNA3
CLEC2D	CNOT4	COL5A2	CPLX2	CRYGA	CTNNB1
CLEC3B	CNPY3	COL6A1	CPN1	CRYGB	CTNND1
CLEC4D	CNR1	COL6A2	CPOX	CRYGC	CTNND2
CLEC4E	CNR2	COL6A3	CPQ	CRYGD	CTNS
CLEC4M	CNTF	COL6A4P2	CPS1	CRYGEP	CTPS1
CLEC7A	CNTLN	COL6A5	CPT1A	CRYGS	CTRC
CLHC1	CNTN1	COL6A6	CPT1B	CRYL1	CTSA
CLIC2	CNTN2	COL7A1	CPT1C	CRYM	CTSB
CLIC5	CNTN4	COL8A2	CPT2	CRYZL1	CTSC
CLIP1	CNTN6	COL9A1	CPXCR1	CSAG1	CTSD
CLIP2	CNTNAP1	COL9A2	CPZ	CSDE1	CTSF
CLK1	CNTNAP2	COL9A3	CR1	CSF1	CTSG
CLK2	CNTNAP4	COLEC11	CR2	CSF1R	CTSK
CLMP	CNTNAP5	COLQ	CRADD	CSF2	CTSZ
CLN3	COA1	COMMD1	CRAT	CSF2RA	CTTNBP2
CLN5	COA5	COMP	CRB1	CSF2RB	CUBN
CLN6	COA6	COMT	CRB2	CSF3R	CUEDC1
CLN8	COASY	COPS2	CRBN	CSGALNAC	CUL2
CLNK	COCH	COQ2	CREB1	T1	CUL3
CLOCK	COG1	COQ4	CREB3	CSH1	CUL4A
CLP1	COG2	COQ5	CREB3L1	CSMD1	CUL4B
CLPB	COG3	COQ6	CREB3L3	CSMD3	CUL5
CLPP	COG4	COQ8A	CREBBP	CSNK1A1L	CUL7
CLPS	COG5	COQ8B	CRELD1	CSNK1D	CUX1
CLPTM1	COG6	COQ9	CRELD2	CSNK1E	CUX2
CLPTM1L	COG7	CORIN	CRH	CSNK1G1	CWF19L1
CLRN1	COG8	CORO1A	CRHR1	CSNK2A2	CX3CL1
CLSTN1	COL10A1	COX10	CRIM1	CSNK2A3	CX3CR1
CLSTN2	COL11A1	COX14	CRIPT	CSPP1	CXCL10
CLTCL1	COL11A2	COX15	CRISP2	CSR3P	CXCL11

CXCL12	CYP3A4	DCAF11	DECR1	DKK1	DNAJB6
CXCL16	CYP3A43	DCAF13	DEF6	DKK2	DNAJC13
CXCL5	CYP3A5	DCAF17	DEFB1	DKK3	DNAJC19
CXCL8	CYP3A7	DCAF4	DEFB124	DKK4	DNAJC3
CXCR1	CYP3A7-CY	DCAF8	DEFB126	DLAT	DNAJC30
CXCR3	P3A51P	DCAKD	DEFB4A	DLC1	DNAJC5
CXCR4	CYP46A1	DCBLD1	DEK	DLD	DNAJC6
CXCR6	CYP4A11	DCBLD2	DENND1A	DLEC1	DNAL1
CYB5A	CYP4A22	DCC	DENND5A	DLG1	DNAL4
CYB5R3	CYP4B1	DCDC2	DENR	DLG2	DNASE1
CYB5R4	CYP4F12	DCHS1	DEPDC5	DLG3	DNASE1L3
CYBA	CYP4F2	DCK	DES	DLG4	DNASE2
CYBB	CYP4F22	DCLK1	DESI2	DLG5	DND1
CYBRD1	CYP4F3	DCLRE1A	DGAT1	DLGAP2	DNM1
CYC1	CYP4V2	DCLRE1B	DGAT2L6	DLGAP3	DNM1L
CYCS	CYP7A1	DCLRE1C	DGCR2	DLL1	DNM2
CYFIP1	CYP7B1	DCN	DGCR5	DLL3	DNMT1
CYLD	CYR61	DCP1B	DGCR6	DLL4	DNMT3A
CYP11A1	CYS1	DCPS	DGCR8	DLST	DNMT3B
CYP11B1	CYSLTR1	DCTD	DGKD	DLX3	DNMT3L
CYP11B2	CYSLTR2	DCTN1	DGKE	DLX5	DNTT
CYP17A1		DCX	DGUOK	DLX6	DOC2A
CYP19A1		DCXR	DHCR24	DMAC2	DOCK3
CYP1A1	D	DDAH1	DHCR7	DMBT1	DOCK4
CYP1A2	D2HGDH	DDAH2	DHDDS	DMBX1	DOCK6
CYP1B1	DAAM1	DDB1	DHFR	DMC1	DOCK7
CYP21A2	DAB1	DDB2	DHH	DMD	DOCK8
CYP24A1	DAB2	DDC	DHODH	DMGDH	DOCK9
CYP26A1	DACH1	DDHD1	DHRS4L1	DMP1	DOK1
CYP26B1	DAD1	DDHD2	DHTKD1	DMPK	DOK2
CYP26C1	DAG1	DDIT3	DHX16	DMRT1	DOK5
CYP27A1	DAO	DDOST	DHX36	DMXL1	DOK7
CYP27B1	DAOA	DDR1	DHX37	DMXL2	DOLK
CYP2A13	DAPK1	DDR2	DHX38	DNA2	DOLPP1
CYP2A6	DAPK3	DDRGK1	DIABLO	DNAAF1	DOT1L
CYP2B6	DAPP1	DDX10	DIAPH1	DNAAF2	DPAGT1
CYP2C18	DARS	DDX11	DIAPH2	DNAAF3	DPCD
CYP2C19	DARS2	DDX20	DIAPH3	DNAAF4	DPH1
CYP2C8	DAXX	DDX25	DICER1	DNAAF5	DPM1
CYP2C9	DAZ1	DDX39B	DIO1	DNAH1	DPM2
CYP2D6	DAZ2	DDX3X	DIO2	DNAH11	DPM3
CYP2D7	DAZ3	DDX3Y	DIP2A	DNAH3	DPP10
CYP2E1	DAZ4	DDX47	DIP2B	DNAH5	DPP3
CYP2F1	DAZL	DDX5	DIP2C	DNAH7	DPP4
CYP2G1P	DBF4B	DDX53	DIRC2	DNAH9	DPP6
CYP2J2	DBH	DDX58	DIS3L2	DNAI1	DPY19L2
CYP2R1	DBI	DDX59	DISC1	DNAI2	DPYD
CYP2U1	DBP	DEAF1	DISP1	DNAJA4	DPYS
CYP2W1	DBT	DEC1	DKC1	DNAJB2	DPYSL2

	E				F
DRC1	E2F1	EHMT2	ENAM	ERCC6	F10
DRD1	E2F4	EIF2AK3	ENDOV	ERCC6L2	F11
DRD2	E2F5	EIF2AK4	ENG	ERCC8	F12
DRD3	EARS2	EIF2B1	ENO1	ERF	F13A1
DRD4	EBAG9	EIF2B2	ENO3	ERG	F13B
DRD5	EBF4	EIF2B3	ENOX1	ERLIN1	F2
DROSHA	EBP	EIF2B4	ENPP1	ERLIN2	F2R
DRP2	ECE1	EIF2B5	ENSA	ERMAP	F2RL1
DSC2	ECE2	EIF2D	ENTPD1	ERMARD	F3
DSC3	ECEL1	EIF2S3	EOGT	ERRFI1	F5
DSCAM	ECHS1	EIF3H	EOMES	ESAM	F7
DSCR8	ECI1	EIF4A3	EP300	ESCO2	F8
DSE	ECM1	EIF4B	EPAS1	ESPL1	F9
DSG1	ECM2	EIF4E	EPB41	ESPN	FA2H
DSG2	ECSIT	EIF4G1	EPB41L1	ESR1	FAAH
DSG3	EDA	EIF4H	EPB41L2	ESR2	FAAH2
DSG4	EDA2R	ELAC2	EPB41L4A	ESRRB	FAAH2
DSP	EDAR	ELANE	EPB42	ESRRG	FAAP100
DSPP	EDARADD	ELAVL2	EPC2	ESS2	FAAP24
DST	EDN1	ELAVL4	EPCAM	ETFA	FABP1
DSTYK	EDN2	ELF4	EPG5	ETFB	FABP2
DTHD1	EDN3	ELK1	EPHA2	ETFDH	FABP3
DTNA	EDNRA	ELK3	EPHA3	ETHE1	FABP4
DTNB	EDNRB	ELMOD2	EPHA4	ETNPPL	FABP6
DTNBP1	EDRF1	ELMOD3	EPHA5	ETS1	FABP7
DUOX1	EEF1A2	ELN	EPHA6	ETV4	FADD
DUOX2	EEF1B2	ELOA	EPHA7	ETV6	FADS2
DUOXA2	EEF2	ELOA2	EPHB1	EVC	FAH
DUSP15	EEF2K	ELOA3	EPHB2	EVC2	FAM111A
DUSP22	EFCAB13	ELOA3D	EPHB4	EVI5	FAM111B
DUSP23	EFCAB5	ELOB	EPHB6	EWSR1	FAM120A
DUSP3	EFEMP1	ELOC	EPHX1	EXO1	FAM120AOS
DUSP6	EFEMP2	ELOVL4	EPHX2	EXO5	FAM120B
DUT	EFHC1	ELOVL5	EPM2A	EXOC4	FAM126A
DUX4	EFHC2	ELP1	EPO	EXOC6B	FAM136A
DUX4L3	EFNA5	ELP2	EPOR	EXOC8	FAM161A
DVL1	EFNB1	ELP4	EPS8	EXOSC3	FAM177A1
DVL2	EFR3A	EMC1	EPX	EXOSC5	FAM189B
DXO	EFTUD2	EMC4	ERAP1	EXOSC8	FAM205A
DYM	EGF	EMD	ERAP2	EXPH5	FAM20A
DYNAP	EGFR	EME1	ERBB2	EXT1	FAM20C
DYNC1H1	EGLN1	EME2	ERBB3	EXT2	FAM3C
DYNC111	EGR2	EMG1	ERBB4	EXTL1	FAM46C
DYNC2H1	EGR3	EML1	ERC1	EXTL2	FAM47B
DYRK1A	EHBP1	EML4	ERCC1	EXTL3	FAM71A
DYRK1B	EHD2	EMP2	ERCC2	EYA1	FAM81B
DYSF	EHHADH	EMX1	ERCC3	EYA4	FAM83H
	EHMT1	EMX2	ERCC4	EYS	FAM8A1
		EN2	ERCC5	EZH2	FAM91A1

FAM9C	FCGR2B	FGG	FOLR1	FSHB	GABRB3
FAN1	FCGR2C	FH	FOS	FSHR	GABRD
FANCA	FCGR3A	FHIT	FOXA1	FST	GABRG1
FANCB	FCGR3B	FHL1	FOXA2	FSTL1	GABRG2
FANCC	FCGRT	FHL2	FOXA3	FSTL4	GABRG3
FANCD2	FCN1	FHOD3	FOXC1	FSTL5	GABRR2
FANCE	FCN2	FIG4	FOXC2	FTCD	GAD1
FANCF	FCN3	FIGLA	FOXD1	FTH1	GAD2
FANCG	FCRL3	FIGN	FOXD3	FTHL17	GADD45A
FANCI	FCRL6	FIP1L1	FOXD4	FTL	GADD45B
FANCL	FDFT1	FKBP10	FOXE1	FTO	GAGE8
FANCM	FDX1L	FKBP14	FOXE3	FTSJ1	GAK
FAR1	FECH	FKBP1A	FOXF1	FUBP1	GAL3ST1
FARS2	FEM1A	FKBP4	FOXF2	FUCA1	GAL3ST2
FAS	FEM1B	FKBP5	FOXG1	FURIN	GAL3ST3
FASLG	FEN1	FKBP6	FOXH1	FUS	GAL3ST4
FASN	FERMT1	FKBP8	FOXI1	FUT1	GALC
FASTKD2	FERMT3	FKBPL	FOXJ1	FUT2	GALE
FAT1	FEV	FKRP	FOXK1	FUT3	GALK1
FAT2	FEZF1	FKTN	FOXL1	FUT6	GALNS
FAT3	FEZF2	FLCN	FOXL2	FUT7	GALNT11
FAT4	FFAR1	FLG	FOXM1	FUT8	GALNT12
FBLIM1	FFAR4	FLI1	FOXN1	FUZ	GALNT13
FBLN1	FGA	FLNA	FOXO1	FXN	GALNT14
FBLN2	FGB	FLNB	FOXP1	FXYD2	GALNT17
FBLN5	FGD1	FLNC	FOXP2	FXYD6	GALNT18
FBN1	FGD3	FLOT1	FOXP3	FYB2	GALNT2
FBN2	FGD4	FLRT1	FOXP4	FYCO1	GALNT3
FBN3	FGF1	FLRT3	FOXRED1	FZD1	GALNT5
FBP1	FGF10	FLT1	FPGS	FZD3	GALNT6
FBXL4	FGF13	FLT3	FPR1	FZD4	GALNT7
FBXL6	FGF14	FLT4	FPR2	FZD6	GALNT8
FBXO10	FGF16	FLVCR1	FRA10AC1	FZD9	GALNT9
FBXO11	FGF17	FLVCR2	FRAS1	FZR1	GALNTL5
FBXO18	FGF2	FMN1	FREM1		GALNTL6
FBXO25	FGF20	FMN2	FREM2	G	GALP
FBXO28	FGF22	FMO1	FREM3	G6PC	GALT
FBXO31	FGF23	FMO2	FRG1	G6PC2	GAMT
FBXO38	FGF3	FMO3	FRK	G6PC3	GAN
FBXO7	FGF5	FMO4	FRMD5	G6PD	GAP43
FBXW11	FGF8	FMO5	FRMD6	GAA	GARS
FBXW4	FGF9	FMO6P	FRMD7	GAB2	GAS1
FBXW7	FGFBP1	FMOD	FRMPD4	GABARAPL1	GAS2L2
FCAR	FGFR1	FMR1	FRRS1L	GABBR1	GAS6
FCER1A	FGFR1OP	FN1	FRY	GABBR2	GATA1
FCER1G	FGFR2	FN3K	FRZB	GABRA1	GATA2
FCER2	FGFR3	FNBP1	FSBP	GABRA2	GATA3
FCGR1A	FGFR4	FNBP4	FSCB	GABRA5	GATA4
FCGR2A	FGFRL1	FOLH1	FSCN2	GABRA6	GATA5

GATA6	GHR	GM2A	GPC4	GRIN3A	GTF2IRD1
GATAD1	GHRH	GMDS	GPC5	GRIP1	GTF2IRD2
GATAD2B	GHRHR	GMIP	GPC6	GRK1	GTPBP3
GATM	GHRL	GMPPA	GPD1	GRK3	GUCA1A
GBA	GHSR	GMPPB	GPD1L	GRK4	GUCA1B
GBA2	GIF	GMPS	GPD2	GRK5	GUCY1A2
GBA3	GIGYF2	GNA11	GPHN	GRM1	GUCY1A3
GBE1	GIMAP8	GNA13	GPI	GRM3	GUCY2C
GBGT1	GIP	GNA14	GPIHBP1	GRM5	GUCY2D
GC	GIPC3	GNAI2	GPNMB	GRM6	GUCY2F
GCDH	GIPR	GNAI3	GPR1	GRM7	GULOP
GCG	GIT1	GNAL	GPR101	GRM8	GUSB
GCGR	GJA1	GNAO1	GPR12	GRN	GYG1
GCH1	GJA3	GNAQ	GPR132	GRPR	GYG2
GCK	GJA4	GNAS	GPR137B	GRXCR1	GYP A
GCKR	GJA5	GNAS-AS1	GPR139	GRXCR2	GYPB
GCLC	GJA8	GNAT1	GPR143	GSC	GYP C
GCLM	GJB1	GNAT2	GPR152	GSDMA	GYPE
GCM2	GJB2	GNB1L	GPR179	GSDMB	GYS1
GCNT1	GJB3	GNB3	GPR33	GSDME	GYS2
GCNT2	GJB4	GNB4	GPR37	GSE1	GZMB
GCSH	GJB6	GNB5	GPR55	GSK3B	
GDAP1	GJC2	GNE	GPR68	GSN	H
GDF1	GJC3	GNG2	GPRC5A	GSPT1	H19
GDF15	GJD2	GNG7	GPRIN3	GSPT2	H2AFX
GDF2	GK	GNMT	GPS1	GSR	H2BFWT
GDF3	GLA	GNPAT	GPSM2	GSS	H3F3A
GDF5	GLB1	GNPTAB	GPT	GSTA1	H6PD
GDF6	GLCCI1	GNPTG	GPT2	GSTA2	HABP2
GDF9	GLDC	GNRH1	GPX1	GSTA3	HACD1
GDI1	GLE1	GNRHR	GPX4	GSTK1	HACE1
GDNF	GLI1	GNS	GRB10	GSTM1	HADH
GEMIN2	GLI2	GOLGA3	GREM1	GSTM3	HADHA
GEMIN4	GLI3	GOLGA5	GRHL1	GSTM4	HADHB
GFAP	GLIS2	GON4L	GRHL2	GSTO1	HAGH
GFER	GLIS3	GOPC	GRHL3	GSTO2	HAL
GFI1	GLMN	GORAB	GRHPR	GSTP1	HAMP
GFI1B	GLO1	GOSR2	GRIA1	GSTT1	HAND1
GFM1	GLP1R	GOT1	GRIA2	GSTT2	HAND2
GFM2	GLRA1	GP1BA	GRIA3	GSTT2B	HAP1
GFPT1	GLRA4	GP1BB	GRID1	GSTZ1	HAPLN1
GFPT2	GLRB	GP2	GRID2	GTF2E1	HARS
GFRA1	GLRX5	GP6	GRIK1	GTF2H1	HARS2
GFRA2	GLS	GP9	GRIK2	GTF2H2	HAS1
GGCX	GLTP	GPAM	GRIK3	GTF2H2C	HAS2
GGH	GLUD1	GPANK1	GRIK4	GTF2H3	HAVCR1
GGT5	GLUD2	GPATCH8	GRIN1	GTF2H4	HAX1
GH1	GLUL	GPBAR1	GRIN2A	GTF2H5	HBA1
GH2	GLYCTK	GPC3	GRIN2B	GTF2I	HBA2

HBB	HFM1	HMOX1	HRH3	HUWE1	IFT43
HBD	HGD	HMOX2	HS1BP3	HVCN1	IFT80
HBE1	HGF	HMSD	HS6ST1	HYAL1	IFT88
HBEGF	HGSNAT	HMX1	HSD11B1	HYDIN	IGBP1
HBG1	HHEX	HMX2	HSD11B2	HYLS1	IGF1
HBG2	HHIP	HNF1A	HSD17B1	HYMAI	IGF1R
HBM	HIBADH	HNF1B	HSD17B10		IGF2
HBQ1	HIBCH	HNF4A	HSD17B2	I	IGF2BP2
HBS1L	HID1	HNMT	HSD17B3	IAPP	IGF2R
HBZ	HIF1A	HNRNPA1	HSD17B4	IARS2	IGFALS
HCAR1	HIF1AN	HNRNPA2B1	HSD3B1	IBA57	IGFBP1
HCCS	HIGD2A	HNRNPDL	HSD3B2	IBSP	IGFBP3
HCFC1	HINT1	HNRNPH3	HSD3B7	ICAM1	IGFBP5
HCK	HIP1	HNRNPU	HSF1	ICAM4	IGFBP7
HCLS1	HIST1H2AE	HOGA1	HSF4	ICAM5	IGHA1
HCN1	HIST1H4B	HOMER2	HSFY1	ICK	IGHG2
HCN2	HIST2H4A	HOMEZ	HSP90AA1	ICOS	IGHM
HCN3	HIST3H3	HOXA1	HSP90B1	ID3	IGHMBP2
HCN4	HIVEP2	HOXA10	HSPA1A	ID4	IGKV1-5
HCP5	HK1	HOXA11	HSPA1B	IDE	IGLL1
HCRT	HK2	HOXA13	HSPA1L	IDH1	IGSF1
HCRTR1	HLA-A	HOXA2	HSPA5	IDH2	IGSF3
HCRTR2	HLA-B	HOXA3	HSPA8	IDH3B	IGSF8
HDAC1	HLA-C	HOXA4	HSPA9	IDO1	IHH
HDAC4	HLA-DMB	HOXB1	HSPB1	IDS	IKBIP
HDAC6	HLA-DOA	HOXB13	HSPB3	IDUA	IKBKB
HDAC8	HLA-DPB1	HOXB6	HSPB6	IER3IP1	IKBKE
HDAC9	HLA-DPB2	HOXB8	HSPB7	IF130	IKBKG
HDC	HLA-DQA1	HOXC13	HSPB8	IFI44L	IKZF1
HDGFL2	HLA-DQB1	HOXD10	HSPD1	IFIH1	IKZF3
HDHD5	HLA-DRA	HOXD13	HSPG2	IFITM3	IL10
HDLBP	HLA-DRB1	HOXD4	HTN3	IFITM5	IL10RA
HDX	HLA-DRB5	HP	HTR1A	IFNA1	IL10RB
HELQ	HLA-E	HPCA	HTR1B	IFNA10	IL11
HEPACAM	HLA-G	HPCAL4	HTR2A	IFNA17	IL11RA
HEPACAM2	HLCS	HPD	HTR2B	IFNA2	IL12A
HEPH	HLTF	HPGD	HTR2C	IFNAR1	IL12B
HERC1	HLX	HPRT1	HTR3A	IFNAR2	IL12RB1
HERC2	HMBS	HPS1	HTR3B	IFNB1	IL12RB2
HES1	HMCN1	HPS3	HTR3C	IFNG	IL13
HES6	HMG20B	HPS4	HTR3E	IFNGR1	IL15
HES7	HMGA1	HPS5	HTR5A	IFNGR2	IL16
HESX1	HMGA2	HPS6	HTR6	IFNL3	IL17A
HEXA	HMGB1	HPSE2	HTR7	IFNL4	IL17F
HEXB	HMGB3	HR	HTRA1	IFRD1	IL17RA
HEY1	HMGCL	HRAS	HTRA2	IFT122	IL17RB
HEY2	HMGCR	HRC	HTT	IFT140	IL17RD
HFE	HMGCS2	HRG	HUS1	IFT172	IL17REL
HFE2	HMMR	HRH2	HUS1B	IFT27	IL18

<i>IL18R1</i>	<i>INPP5D</i>	<i>ITGA6</i>	K	<i>KCNJ8</i>	<i>KIAA1217</i>
<i>IL18RAP</i>	<i>INPP5K</i>	<i>ITGA7</i>	<i>KALRN</i>	<i>KCNJ9</i>	<i>KIAA1549</i>
<i>IL19</i>	<i>INPPL1</i>	<i>ITGA8</i>	<i>KANK1</i>	<i>KCNK17</i>	<i>KIAA1586</i>
<i>IL1A</i>	<i>INS</i>	<i>ITGA9</i>	<i>KANK2</i>	<i>KCNK18</i>	<i>KIF11</i>
<i>IL1B</i>	<i>INSIG1</i>	<i>ITGAE</i>	<i>KANK4</i>	<i>KCNK3</i>	<i>KIF14</i>
<i>IL1R1</i>	<i>INSIG2</i>	<i>ITGAM</i>	<i>KANSL1</i>	<i>KCNK6</i>	<i>KIF17</i>
<i>IL1RAPL1</i>	<i>INSL3</i>	<i>ITGB1</i>	<i>KANSL2</i>	<i>KCNK9</i>	<i>KIF18A</i>
<i>IL1RL1</i>	<i>INSL6</i>	<i>ITGB2</i>	<i>KARS</i>	<i>KCNMA1</i>	<i>KIF1A</i>
<i>IL1RN</i>	<i>INSR</i>	<i>ITGB3</i>	<i>KAT2A</i>	<i>KCNMB1</i>	<i>KIF1B</i>
<i>IL2</i>	<i>INTU</i>	<i>ITGB4</i>	<i>KAT6A</i>	<i>KCNMB3</i>	<i>KIF1BP</i>
<i>IL20RA</i>	<i>INVS</i>	<i>ITGB6</i>	<i>KAT6B</i>	<i>KCNMB4</i>	<i>KIF1C</i>
<i>IL20RB</i>	<i>IPP</i>	<i>ITIH1</i>	<i>KATNAL2</i>	<i>KCNN2</i>	<i>KIF21A</i>
<i>IL21</i>	<i>IQCB1</i>	<i>ITIH3</i>	<i>KATNB1</i>	<i>KCNN3</i>	<i>KIF22</i>
<i>IL21R</i>	<i>IQCE</i>	<i>ITIH4</i>	<i>KBTBD13</i>	<i>KCNQ1</i>	<i>KIF23</i>
<i>IL23R</i>	<i>IQGAP1</i>	<i>ITIH6</i>	<i>KCNA1</i>	<i>KCNQ2</i>	<i>KIF27</i>
<i>IL2RA</i>	<i>IQGAP2</i>	<i>ITK</i>	<i>KCNA2</i>	<i>KCNQ3</i>	<i>KIF2A</i>
<i>IL2RG</i>	<i>IQGAP3</i>	<i>ITM2B</i>	<i>KCNA3</i>	<i>KCNQ4</i>	<i>KIF3C</i>
<i>IL3</i>	<i>IQSEC2</i>	<i>ITPA</i>	<i>KCNA4</i>	<i>KCNQ5</i>	<i>KIF4A</i>
<i>IL31RA</i>	<i>IRAK1</i>	<i>ITPK1</i>	<i>KCNA5</i>	<i>KCNS1</i>	<i>KIF5A</i>
<i>IL34</i>	<i>IRAK3</i>	<i>ITPKC</i>	<i>KCNA6</i>	<i>KCNS3</i>	<i>KIF5B</i>
<i>IL36RN</i>	<i>IRAK4</i>	<i>ITPR1</i>	<i>KCNAB1</i>	<i>KCNT1</i>	<i>KIF5C</i>
<i>IL4</i>	<i>IRF1</i>	<i>ITPR2</i>	<i>KCNAB2</i>	<i>KCNV1</i>	<i>KIF6</i>
<i>IL4R</i>	<i>IRF2</i>	<i>ITPR3</i>	<i>KCNB1</i>	<i>KCNV2</i>	<i>KIF7</i>
<i>IL5</i>	<i>IRF4</i>	<i>ITSN1</i>	<i>KCNB2</i>	<i>KCTD1</i>	<i>KIFAP3</i>
<i>IL6</i>	<i>IRF5</i>	<i>ITSN2</i>	<i>KCNC1</i>	<i>KCTD13</i>	<i>KIR2DL1</i>
<i>IL6R</i>	<i>IRF6</i>	<i>IVD</i>	<i>KCNC2</i>	<i>KCTD3</i>	<i>KIR2DL3</i>
<i>IL6ST</i>	<i>IRF7</i>	<i>IYD</i>	<i>KCNC3</i>	<i>KCTD7</i>	<i>KIR2DL4</i>
<i>IL7</i>	<i>IRF8</i>		<i>KCND2</i>	<i>KDM1A</i>	<i>KIR3DL1</i>
<i>IL7R</i>	<i>IRF9</i>	J	<i>KCND3</i>	<i>KDM3A</i>	<i>KIR3DL2</i>
<i>IL9</i>	<i>IRGM</i>	<i>JAG1</i>	<i>KCNE1</i>	<i>KDM4C</i>	<i>KIRREL3</i>
<i>IL9R</i>	<i>IRS1</i>	<i>JAG2</i>	<i>KCNE2</i>	<i>KDM5A</i>	<i>KISS1</i>
<i>ILDNR1</i>	<i>IRS2</i>	<i>JAGN1</i>	<i>KCNE3</i>	<i>KDM5B</i>	<i>KISS1R</i>
<i>ILK</i>	<i>IRS4</i>	<i>JAK1</i>	<i>KCNE4</i>	<i>KDM5C</i>	<i>KIT</i>
<i>IMMP2L</i>	<i>IRX4</i>	<i>JAK2</i>	<i>KCNE5</i>	<i>KDM5D</i>	<i>KITLG</i>
<i>IMMT</i>	<i>IRX5</i>	<i>JAK3</i>	<i>KCNH1</i>	<i>KDM6A</i>	<i>KIZ</i>
<i>IMPA2</i>	<i>ISCA2</i>	<i>JAM3</i>	<i>KCNH2</i>	<i>KDM6B</i>	<i>KL</i>
<i>IMPAD1</i>	<i>ISCU</i>	<i>JARID2</i>	<i>KCNH3</i>	<i>KDR</i>	<i>KLB</i>
<i>IMPDH1</i>	<i>ISG15</i>	<i>JCAD</i>	<i>KCNH5</i>	<i>KDSR</i>	<i>KLC1</i>
<i>IMPDH2</i>	<i>ISL1</i>	<i>JMJD1C</i>	<i>KCNIP4</i>	<i>KEAP1</i>	<i>KLF1</i>
<i>IMPG1</i>	<i>ISPD</i>	<i>JMJD7-PLA</i>	<i>KCNJ1</i>	<i>KEL</i>	<i>KLF10</i>
<i>IMPG2</i>	<i>ISYNA1</i>	<i>2G4B</i>	<i>KCNJ10</i>	<i>KERA</i>	<i>KLF11</i>
<i>INF2</i>	<i>ITCH</i>	<i>JPH2</i>	<i>KCNJ11</i>	<i>KHDC3L</i>	<i>KLF5</i>
<i>ING1</i>	<i>ITGA1</i>	<i>JPH3</i>	<i>KCNJ12</i>	<i>KHK</i>	<i>KLF6</i>
<i>INHA</i>	<i>ITGA11</i>	<i>JRK</i>	<i>KCNJ13</i>	<i>KIAA0100</i>	<i>KLF7</i>
<i>INHBA</i>	<i>ITGA2</i>	<i>JUN</i>	<i>KCNJ15</i>	<i>KIAA0232</i>	<i>KLF8</i>
<i>INMT</i>	<i>ITGA2B</i>	<i>JUNB</i>	<i>KCNJ2</i>	<i>KIAA0319</i>	<i>KLHDC8B</i>
<i>INO80</i>	<i>ITGA3</i>	<i>JUP</i>	<i>KCNJ3</i>	<i>KIAA0513</i>	<i>KLHL10</i>
<i>INPP4A</i>	<i>ITGA4</i>		<i>KCNJ5</i>	<i>KIAA1109</i>	<i>KLHL15</i>
<i>INPP5B</i>	<i>ITGA5</i>		<i>KCNJ6</i>	<i>KIAA1210</i>	<i>KLHL3</i>

KLHL40	KRT81	LDB3	LIPN	LRPAP1	MAFA
KLHL41	KRT83	LDHA	LIPT1	LRPPRC	MAFB
KLHL6	KRT85	LDHB	LITAF	LRRC29	MAG
KLHL7	KRT86	LDLR	LLGL1	LRRC4	MAGEC3
KLHL9	KRT9	LDLRAD4	LMAN1	LRRC41	MAGEE2
KLK1	KRTAP1-1	LDLRAP1	LMAN2L	LRRC6	MAGEL2
KLK12	KRTAP4-8	LECT2	LMBR1	LRRC69	MAGI1
KLK15	KRTAP9-3	LEF1	LMBRD1	LRRC8A	MAGI2
KLK3	KYNU	LEFTY2	LMF1	LRRFIP2	MAGT1
KLK4		LEMD3	LMNA	LRRIQ1	MAK
KLK7	L	LEP	LMNB1	LRRK2	MALT1
KLKB1	L1CAM	LEPR	LMNB2	LRRTM1	MAML2
KLLN	L2HGDH	LETM1	LMO1	LRSAM1	MAMLD1
KLRK1	L3MBTL1	LFNG	LMO2	LRTOMT	MAN1A2
KMT2A	LACTB	LGALS13	LMO4	LTA	MAN1B1
KMT2C	LAMA1	LGALS2	LMOD3	LTBP1	MAN2A1
KMT2D	LAMA2	LGALS3	LMTK3	LTBP2	MAN2B1
KMT2E	LAMA3	LGI1	LMX1B	LTBP3	MANBA
KMT5A	LAMA4	LGI4	LNX2	LTBP4	MANBAL
KMT5B	LAMA5	LGR4	loc344967	LTBR	MANSC1
KNG1	LAMB1	LGR5	LONP1	LTC4S	MAOA
KNL1	LAMB2	LHB	LOR	LTF	MAOB
KPNA1	LAMB3	LHCGR	LOX	LTK	MAP1A
KPNA7	LAMB4	LHFPL5	LOXHD1	LTN1	MAP2
KPTN	LAMC1	LHX1	LOXL1	LUM	MAP2K1
KRAS	LAMC2	LHX3	LOXL2	LUZP2	MAP2K2
KRIT1	LAMC3	LHX4	LPA	LUZP4	MAP2K3
KRT1	LAMP2	LHX8	LPAR1	LY6G6F	MAP2K4
KRT10	LAMTOR2	LIAS	LPAR6	LY96	MAP2K7
KRT12	LAPTM4B	LIF	LPIN1	LYL1	MAP3K1
KRT13	LARGE1	LIFR	LPIN2	LYN	MAP3K14
KRT14	LARGE2	LIG1	LPIN3	LYRM4	MAP3K15
KRT16	LARP7	LIG3	LPL	LYRM7	MAP3K6
KRT17	LARS	LIG4	LPP	LYST	MAP3K8
KRT18	LARS2	LILRA3	LRAT	LYZ	MAP4
KRT2	LAS1L	LIM2	LRBA	LZTFL1	MAP4K5
KRT3	LAT2	LIMK1	LRCH1	LZTR1	MAP6
KRT31	LBH	LIMS2	LRFN5	LZTS1	MAP7D1
KRT37	LBP	LIN28A	LRGUK		MAP7D3
KRT38	LBR	LIN28B	LRIG2	M	MAPK1
KRT4	LCA5	LIN7A	LRIT3	MAB21L2	MAPK10
KRT5	LCAT	LINGO2	LRMDA	MACC1	MAPK14
KRT6A	LCE3B	LINS1	LRP1	MACF1	MAPK3
KRT6B	LCE3C	LIPA	LRP1B	MACROD2	MAPK8IP1
KRT6C	LCE5A	LIPC	LRP2	MAD1L1	MAPRE2
KRT71	LCK	LIPE	LRP4	MAD2L1	MAPT
KRT74	LCN10	LIPG	LRP5	MADD	MARCH3
KRT75	LCT	LIPH	LRP6	MAEA	MARK1
KRT8	LDB1	LIP1	LRP8	MAF	MARS

MARS2	MDK	MGAT4A	MIR510	MOCS2	MSH5
MARVELD2	MDM2	MGAT4B	MIR890	MOG	MSH6
MASP1	MDM4	MGAT4C	MIR892B	MOGS	MSMB
MASP2	MDN1	MGAT5	MIR934	MOK	MSMO1
MAST4	ME2	MGAT5B	MIR96	MOV10	MSR1
MASTL	MECOM	MGEA5	MIRLET7E	MPC1	MSRA
MAT1A	MECP2	MGLL	MITF	MPDU1	MSRB3
MAT2A	MED12	MGME1	MKKS	MPDZ	MST1
MATN3	MED13	MGMT	MKL1	MPG	MST1R
MATN4	MED13L	MGP	MKL2	MPHOSPH	MSTN
MATR3	MED17	MGST2	MKRN3	8	MSX1
MAVS	MED20	MGST3	MKS1	MPI	MSX2
MAX	MED23	MIA3	MLC1	MPL	MT1A
MBD1	MED25	MIAT	MLF1	MPLKIP	MT2A
MBD3	MEF2A	MIB1	MLH1	MPO	MTA1
MBD4	MEF2C	MICA	MLH3	MPP3	MTA2
MBD5	MEFV	MICAL3	MLLT10	MPP4	MTA3
MBD6	MEGF10	MICALCL	MLLT11	MPP6	MTAP
MBL2	MEGF11	MICB	MLLT3	MPP7	MTCH2
MBNL1	MEGF8	MICU1	MLPH	MPST	MTF1
MBOAT7	MEIS1	MID1	MLXIPL	MPV17	MTFMT
MBTPS2	MEIS2	MID2	MLYCD	MPZ	MTHFD1
MC1R	MELK	MIF	MMAA	MR1	MTHFD1L
MC2R	MELTF	MIIP	MMAB	MRAP	MTHFR
MC3R	MEN1	MINDY2	MMACHC	MRAP2	MTHFS
MC4R	MEOX1	MINPP1	MMADHC	MRC1	MTM1
MCC	MEP1B	MIP	MME	MRE11A	MTMR12
MCCC1	MEPE	MIPOL1	MMEL1	MREG	MTMR14
MCCC2	MERTK	MIR106B	MMP1	MRI1	MTMR2
MCEE	MESD	MIR124-1	MMP10	MRPL12	MTMR8
MCF2	MESP1	MIR125A	MMP12	MRPL3	MTMR9
MCF2L2	MESP2	MIR126	MMP13	MRPL36	MTNR1A
MCFD2	MEST	MIR140	MMP14	MRPL40	MTNR1B
MCHR1	MET	MIR146A	MMP19	MRPL44	MTO1
MCL1	METTL14	MIR16-1	MMP2	MRPL48	MTOR
MCM3AP	METTL23	MIR17	MMP20	MRPS16	MTPAP
MCM4	MFAP4	MIR17HG	MMP3	MRPS2	MTR
MCM5	MFAP5	MIR182	MMP7	MRPS22	MTRR
MCM6	MFF	MIR184	MMP8	MRRF	MTSS1
MCM8	MFGE8	MIR191	MMP9	MS4A1	MTSS1L
MCM9	MFHAS1	MIR196A2	MMRN2	MS4A10	MTTP
MCOLN1	MFN2	MIR206	MMS19	MS4A12	MTUS1
MCPH1	MFRP	MIR24-1	MN1	MS4A2	MUC1
MCTP2	MFSD2A	MIR27A	MNAT1	MS4A3	MUC13
MCUB	MFSD4B	MIR2861	MND1	MS4A6A	MUC2
MDC1	MFSD8	MIR30C1	MNX1	MS4A6E	MUC3A
MDGA2	MGAT1	MIR34B	MOB4	MSH2	MUC4
MDH1	MGAT2	MIR499A	MOCOS	MSH3	MUC5B
MDH2	MGAT3	MIR502	MOCS1	MSH4	MUC6

MUC7	MYO5B	NCF2	NDUFB9	NFE2L1	NLRP12
MUS81	MYO5C	NCF4	NDUFC1	NFE2L2	NLRP13
MUSK	MYO6	NCK2	NDUFC2	NFIA	NLRP14
MUT	MYO7A	NCKAP1	NDUFS1	NFIB	NLRP2
MUTYH	MYO7B	NCKAP5	NDUFS2	NFIX	NLRP3
MVK	MYO9B	NCOA1	NDUFS3	NFKB1	NLRP4
MX1	MYOC	NCOA3	NDUFS4	NFKB2	NLRP5
MXI1	MYOCD	NCOA4	NDUFS5	NFKBIA	NLRP6
MXRA5	MYOD1	NCR3	NDUFS6	NFKBIL1	NLRP7
MYB	MYOF	NCS1	NDUFS7	NFKBIZ	NLRP8
MYBBP1A	MYOM1	NCSTN	NDUFS8	NFS1	NLRP9
MYBL2	MYOT	NDE1	NDUFV1	NFU1	NLRX1
MYBPC1	MYOZ2	NDN	NDUFV2	NGEF	NMB
MYBPC3	MYPN	NDOR1	NDUFV3	NGF	NME1
MYC	MYT1	NDP	NEB	NGFR	NME5
MYCBP2	MYT1L	NDRG1	NEBL	NGLY1	NME7
MYCL		NDST1	NECAP1	NHEJ1	NME8
MYCN	N	NDST2	NECTIN1	NHLRC1	NMNAT1
MYCT1	NAA10	NDST3	NECTIN3	NHP2	NMT2
MYD88	NAA15	NDST4	NECTIN4	NHS	NMU
MYF5	NAALADL2	NDUFA1	NEDD4	NICN1	NNMT
MYF6	NADK2	NDUFA10	NEDD4L	NID1	NNT
MYH11	NAGA	NDUFA11	NEDD9	NIN	NOBOX
MYH13	NAGLU	NDUFA12	NEFH	NINJ1	NOD1
MYH14	NAGPA	NDUFA13	NEFL	NIPA1	NOD2
MYH15	NAGS	NDUFA2	NEFM	NIPA2	NODAL
MYH2	NAIP	NDUFA3	NEGR1	NIPAL4	NOG
MYH3	NALCN	NDUFA4	NEIL1	NIPBL	NOL3
MYH4	NAMPT	NDUFA5	NEIL2	NIPSNAP1	NOP10
MYH6	NANOS1	NDUFA6	NEIL3	NIPSNAP3A	NOP56
MYH7	NAPRT	NDUFA7	NEK1	NISCH	NOS1
MYH7B	NARS2	NDUFA8	NEK2	NKAIN2	NOS1AP
MYH8	NAT1	NDUFA9	NEK8	NKAIN3	NOS2
MYH9	NAT2	NDUFAB1	NELFA	NKX2-1	NOS3
MYL1	NAT8L	NDUFAF1	NELL1	NKX2-2	NOTCH1
MYL2	NAV1	NDUFAF2	NEO1	NKX2-3	NOTCH2
MYL3	NAV2	NDUFAF3	NEU1	NKX2-5	NOTCH3
MYLIP	NBAS	NDUFAF4	NEU2	NKX2-6	NOTCH4
MYLK	NBEA	NDUFAF5	NEUROD1	NKX3-1	NOX3
MYLK2	NBEAL2	NDUFAF6	NEUROG3	NKX3-2	NPAP1
MYO15A	NBN	NDUFAF7	NEXMIF	NLGN1	NPAS2
MYO18B	NBPF1	NDUFB1	NEXN	NLGN2	NPAS3
MYO1A	NCALD	NDUFB10	NF1	NLGN3	NPAS4
MYO1C	NCAM1	NDUFB11	NF2	NLGN4X	NPAT
MYO1D	NCAM2	NDUFB3	NFAT5	NLGN4Y	NPC1
MYO1E	NCAN	NDUFB4	NFATC1	NLRC4	NPC1L1
MYO1F	NCAPD2	NDUFB6	NFATC2	NLRP1	NPC2
MYO3A	NCAPG2	NDUFB7	NFATC3	NLRP10	NPFFR2
MYO5A	NCF1	NDUFB8	NFATC4	NLRP11	NPHP1

<i>NPHP3</i>	<i>NSD2</i>	<i>OLIG2</i>	<i>OTOF</i>	<i>PARP1</i>	<i>PCSK2</i>
<i>NPHP4</i>	<i>NSD3</i>	<i>OLR1</i>	<i>OTOG</i>	<i>PARP2</i>	<i>PCSK5</i>
<i>NPHS1</i>	<i>NSDHL</i>	<i>OMG</i>	<i>OTOGL</i>	<i>PARP3</i>	<i>PCSK7</i>
<i>NPHS2</i>	<i>NSMCE3</i>	<i>OOEP</i>	<i>OTOR</i>	<i>PARP4</i>	<i>PCSK9</i>
<i>NPL</i>	<i>NSMF</i>	<i>OPA1</i>	<i>OTUD4</i>	<i>PARS2</i>	<i>PCYT1A</i>
<i>NPM1</i>	<i>NSUN2</i>	<i>OPA3</i>	<i>OTX2</i>	<i>PASK</i>	<i>PDAP1</i>
<i>NPPA</i>	<i>NSUN7</i>	<i>OPCML</i>	<i>OVCH2</i>	<i>PAWR</i>	<i>PDCD1</i>
<i>NPPB</i>	<i>NT5C1B</i>	<i>OPHN1</i>	<i>OVGP1</i>	<i>PAX1</i>	<i>PDCD10</i>
<i>NPPC</i>	<i>NT5C2</i>	<i>OPLAH</i>	<i>OXA1L</i>	<i>PAX2</i>	<i>PDCD5</i>
<i>NPR1</i>	<i>NT5C3A</i>	<i>OPN1LW</i>	<i>OXCT1</i>	<i>PAX3</i>	<i>PDE10A</i>
<i>NPR2</i>	<i>NT5E</i>	<i>OPN1MW</i>	<i>OXTR</i>	<i>PAX4</i>	<i>PDE11A</i>
<i>NPR3</i>	<i>NUB1</i>	<i>OPN1SW</i>		<i>PAX5</i>	<i>PDE1A</i>
<i>NPSR1</i>	<i>NUBPL</i>	<i>OPN4</i>	P	<i>PAX6</i>	<i>PDE1C</i>
<i>NPTN</i>	<i>NUCB2</i>	<i>OPRD1</i>	<i>P2RX1</i>	<i>PAX7</i>	<i>PDE4B</i>
<i>NPY</i>	<i>NUDC</i>	<i>OPRK1</i>	<i>P2RX2</i>	<i>PAX8</i>	<i>PDE4D</i>
<i>NPY1R</i>	<i>NUDT1</i>	<i>OPRL1</i>	<i>P2RX4</i>	<i>PAX9</i>	<i>PDE6A</i>
<i>NPY2R</i>	<i>NUDT15</i>	<i>OPRM1</i>	<i>P2RX5</i>	<i>PAXIP1</i>	<i>PDE6B</i>
<i>NQO1</i>	<i>NUDT6</i>	<i>OPTC</i>	<i>P2RX7</i>	<i>PBRM1</i>	<i>PDE6C</i>
<i>NQO2</i>	<i>NUDT7</i>	<i>OPTN</i>	<i>P2RY1</i>	<i>PBX1</i>	<i>PDE6D</i>
<i>NROB1</i>	<i>NUMA1</i>	<i>OR10V1</i>	<i>P2RY11</i>	<i>PBX3</i>	<i>PDE6G</i>
<i>NROB2</i>	<i>NUMBL</i>	<i>OR10X1</i>	<i>P2RY12</i>	<i>PBX4</i>	<i>PDE6H</i>
<i>NR1H2</i>	<i>NUP107</i>	<i>OR13G1</i>	<i>P2RY4</i>	<i>PC</i>	<i>PDE7B</i>
<i>NR1H3</i>	<i>NUP155</i>	<i>OR13H1</i>	<i>P3H1</i>	<i>PCBD1</i>	<i>PDE8B</i>
<i>NR1H4</i>	<i>NUP214</i>	<i>OR1B1</i>	<i>P3H2</i>	<i>PCBP3</i>	<i>PDGFB</i>
<i>NR1I2</i>	<i>NUP62</i>	<i>OR1J1</i>	<i>PABPC4L</i>	<i>PCCA</i>	<i>PDGFC</i>
<i>NR1I3</i>	<i>NXF3</i>	<i>OR2J3</i>	<i>PABPN1</i>	<i>PCCB</i>	<i>PDGFRA</i>
<i>NR2E1</i>	<i>NXF5</i>	<i>OR2M2</i>	<i>PACRG</i>	<i>PCDH11X</i>	<i>PDGFRB</i>
<i>NR2E3</i>	<i>NXN</i>	<i>OR4M2</i>	<i>PACS1</i>	<i>PCDH15</i>	<i>PDGFRL</i>
<i>NR2F1</i>	<i>NXNL1</i>	<i>OR51G1</i>	<i>PADI4</i>	<i>PCDH18</i>	<i>PDHA1</i>
<i>NR2F2</i>	<i>NYX</i>	<i>OR52H1</i>	<i>PADI6</i>	<i>PCDH19</i>	<i>PDHB</i>
<i>NR3C1</i>		<i>OR52N4</i>	<i>PAFAH1B1</i>	<i>PCDH9</i>	<i>PDHX</i>
<i>NR3C2</i>	O	<i>OR5AC2</i>	<i>PAFAH1B3</i>	<i>PCDHA1</i>	<i>PDIA4</i>
<i>NR4A1</i>	<i>OAS1</i>	<i>OR5H6</i>	<i>PAH</i>	<i>PCDHA10</i>	<i>PDK1</i>
<i>NR4A2</i>	<i>OAS2</i>	<i>OR7D4</i>	<i>PAK3</i>	<i>PCDHA13</i>	<i>PDK2</i>
<i>NR4A3</i>	<i>OAS3</i>	<i>OR8H1</i>	<i>PAK5</i>	<i>PCDHA3</i>	<i>PDK3</i>
<i>NR5A1</i>	<i>OAT</i>	<i>OR8K3</i>	<i>PALB2</i>	<i>PCDHB16</i>	<i>PDK4</i>
<i>NRAS</i>	<i>OAZ1</i>	<i>ORAI1</i>	<i>PALLD</i>	<i>PCDHB4</i>	<i>PDLIM3</i>
<i>NRCAM</i>	<i>OBSCN</i>	<i>ORC1</i>	<i>PAM16</i>	<i>PCDHGB4</i>	<i>PDLIM4</i>
<i>NRG1</i>	<i>OBSL1</i>	<i>ORC4</i>	<i>PAMR1</i>	<i>PCGF2</i>	<i>PDLIM5</i>
<i>NRG3</i>	<i>OCA2</i>	<i>ORC6</i>	<i>PANK2</i>	<i>PCK1</i>	<i>PDP1</i>
<i>NRIP1</i>	<i>OCLN</i>	<i>ORM1</i>	<i>PAPD7</i>	<i>PCK2</i>	<i>PDPK1</i>
<i>NRL</i>	<i>OCRL</i>	<i>ORMDL3</i>	<i>PAPOLA</i>	<i>PCLO</i>	<i>PDPR</i>
<i>NRN1</i>	<i>ODAPH</i>	<i>OSBPL2</i>	<i>PAPSS2</i>	<i>PCM1</i>	<i>PDSS1</i>
<i>NRP2</i>	<i>ODC1</i>	<i>OSGIN1</i>	<i>PARD3B</i>	<i>PCMT1</i>	<i>PDSS2</i>
<i>NRTN</i>	<i>OFD1</i>	<i>OSMR</i>	<i>PARD6A</i>	<i>PCNA</i>	<i>PDX1</i>
<i>NRXN1</i>	<i>OGDH</i>	<i>OSR1</i>	<i>PARD6G</i>	<i>PCNT</i>	<i>PDXK</i>
<i>NRXN2</i>	<i>OGG1</i>	<i>OSTM1</i>	<i>PARK7</i>	<i>PCOLCE</i>	<i>PDYN</i>
<i>NRXN3</i>	<i>OGT</i>	<i>OTC</i>	<i>PARL</i>	<i>PCP4</i>	<i>PDZD7</i>
<i>NSD1</i>	<i>OLFM2</i>	<i>OTOA</i>	<i>PARN</i>	<i>PCSK1</i>	<i>PEAR1</i>

PECAM1	PHF11	PIKFYVE	PLCZ1	POLD1	POSTN
PECR	PHF2	PIM1	PLD2	POLD2	POT1
PEMT	PHF21A	PIMREG	PLD3	POLD3	POU1F1
PENK	PHF3	PIN1	PLEC	POLD4	POU2F1
PEPD	PHF6	PINK1	PLEKHA1	POLE	POU3F3
PER1	PHF8	PIP4K2A	PLEKHG	POLE2	POU3F4
PER2	PHGDH	PIP5K1B	PLEKHG4	POLE3	POU4F3
PER3	PHIP	PIP5K1C	PLP1	POLE4	POU5F1
PET100	PHKA1	PIR	PLP2	POLG	POU5F1B
PEX1	PHKA2	PITPNA	PLRG1	POLG2	POU6F2
PEX10	PHKB	PITPNM3	PLS3	POLH	PPARA
PEX11B	PHKG2	PITX1	PLSCR3	POLI	PPARD
PEX12	PHLDA2	PITX2	PLTP	POLK	PPARG
PEX13	PHLPP2	PITX3	PLXNA1	POLL	PPARGC1A
PEX14	PHOX2A	PIWIL3	PLXNA2	POLM	PPARGC1B
PEX16	PHOX2B	PIWIL4	PLXNA3	POLN	PPAT
PEX19	PHYH	PJVK	PLXNA4	POLQ	PPIA
PEX2	PHYKPL	PKD1	PLXNB1	POLR1C	PPIB
PEX26	PI3	PKD1L1	PLXNB3	POLR1D	PPIG
PEX3	PI4KA	PKD2	PLXND1	POLR2A	PPM1B
PEX5	PIAS1	PKHD1	PMAIP1	POLR2B	PPM1D
PEX6	PIBF1	PKHD1L1	PML	POLR2C	PPM1G
PEX7	PICALM	PKLR	PMM2	POLR2D	PPM1K
PFAS	PICK1	PKM	PMP22	POLR2E	PPOX
PFKFB1	PID1	PKN3	PMPCA	POLR2F	PPP1R12B
PFKL	PIEZO1	PKNOX1	PMS1	POLR2G	PPP1R15B
PFKM	PIEZO2	PKP1	PMS2	POLR2H	PPP1R17
PFN1	PIF1	PKP2	PMS2P3	POLR2I	PPP1R1A
PGAM1	PIGA	PLA2G10	PNKD	POLR2J	PPP1R3A
PGAM2	PIGL	PLA2G2A	PNKP	POLR2J3	PPP1R3C
PGAM5	PIGM	PLA2G2D	PNLIP	POLR2K	PPP1R8
PGAP1	PIGN	PLA2G4A	PNMT	POLR2L	PPP2R1A
PGAP2	PIGO	PLA2G4C	PNP	POLR2M	PPP2R1B
PGAP3	PIGQ	PLA2G5	PNPLA1	POLR3A	PPP2R2A
PGBD1	PIGR	PLA2G6	PNPLA2	POLR3B	PPP2R2B
PGBD3	PIGT	PLA2G7	PNPLA3	POLRMT	PPP2R2C
PGBD4	PIGV	PLAG1	PNPLA6	POMC	PPP2R5B
PGC	PIGW	PLAGL1	PNPO	POMGNT1	PPP2R5C
PGD	PIGZ	PLAT	PNPT1	POMGNT2	PPP2R5D
PGK1	PIK3C2G	PLAU	POC1A	POMK	PPP3CA
PGM1	PIK3C3	PLAUR	POC1B	POMP	PPP3R1
PGM3	PIK3CA	PLCB1	PODXL	POMT1	PPP4C
PGR	PIK3CB	PLCB2	POF1B	POMT2	PPP4R1
PGRMC1	PIK3CD	PLCB4	POFUT1	PON1	PPP4R2
PHACTR1	PIK3CG	PLCD1	POFUT2	PON2	PPP4R3A
PHB	PIK3R1	PLCD4	POGLUT1	PON3	PPP4R3B
PHB2	PIK3R2	PLCE1	POGZ	POP1	PPP4R4
PHC1	PIK3R4	PLCG1	POLA1	POR	PPP6C
PHEX	PIK3R5	PLCG2	POLB	PORCN	PPP6R1

PPP6R2	PRM1	PSENE1	PTPRCAP	RAB3GAP1	RASGRP1
PPP6R3	PRM2	PSMA4	PTPRD	RAB3GAP2	RASGRP2
PPT1	PRMT2	PSMA6	PTPRF	RAB40AL	RASSF1
PQBP1	PRMT3	PSMA7	PTPRJ	RAB7A	RASSF5
PRAF2	PRMT7	PSMB8	PTPRK	RABGGTA	RAX
PRAG1	PRMT9	PSMB9	PTPRN2	RABL6	RAX2
PRAM1	PRND	PSMC3IP	PTPRO	RAC1	RB1
PRAMEF2	PRNP	PSMD7	PTPRQ	RAC2	RB1CC1
PRB1	PROC	PSPH	PTPRT	RAD1	RBBP8
PRB3	PROCR	PSPN	PTPRZ1	RAD17	RBCK1
PRB4	PRODH	PSTPIP1	PTRH2	RAD18	RBFA
PRCC	PROK1	PSTPIP2	PTS	RAD21	RBFOX1
PRCD	PROK2	PTAFR	PUF60	RAD21L1	RBFOX3
PRCP	PROKR1	PTCD1	PURA	RAD23A	RBL1
PRDM1	PROKR2	PTCH1	PUS1	RAD23B	RBL2
PRDM16	PROM1	PTCH2	PVR	RAD50	RBM10
PRDM2	PROP1	PTCHD1	PVT1	RAD51	RBM15
PRDM5	PROS1	PTCHD3	PWRN1	RAD51B	RBM20
PRDM9	PROX1	PTCSC3	PWWP2A	RAD51C	RBM28
PRDX4	PROX2	PTDSS1	PXDN	RAD51D	RBM43
PREPL	PROZ	PTEN	PYCR1	RAD52	RBM8A
PRF1	PRPF19	PTF1A	PYCR2	RAD54B	RBMXL2
PRG4	PRPF3	PTGDR	PYCR3	RAD54L	RBMY1A1
PRICKLE1	PRPF31	PTGDR2	PYGL	RAD54L2	RBP3
PRICKLE2	PRPF39	PTGDS	PYGM	RAD9A	RBP4
PRIMPOL	PRPF4	PTGER2	PYGO1	RAD9B	RBPJ
PRKAA2	PRPF6	PTGER4	PYY	RAET1L	RBX1
PRKACA	PRPF8	PTGES2	PZP	RAF1	RC3H1
PRKACG	PRPH	PTGIR		RAG1	RCAN1
PRKAG2	PRPH2	PTGIS	Q	RAG2	RCBTB1
PRKAG3	PRPS1	PTGS1	QARS	RAI1	RCHY1
PRKAR1A	PRR16	PTGS2	QDPR	RALGAPA1	RD3
PRKCA	PRRC2A	PTH	QKI	RALGDS	RDH11
PRKCB	PRRT2	PTH1R		RANBP2	RDH12
PRKCD	PRRX1	PTH2R	R	RANBP6	RDH5
PRKCG	PRSS1	PTHLH	RAB10	RANGRF	RDH8
PRKCH	PRSS12	PTK7	RAB11FIP5	RAP1A	RDM1
PRKCSH	PRSS3P2	PTPN1	RAB18	RAP1B	RDX
PRKD1	PRSS56	PTPN11	RAB23	RAP1GDS1	RECQL
PRKD3	PRSS8	PTPN12	RAB25	RAPGEF1	RECQL4
PRKDC	PRTG	PTPN13	RAB27A	RAPGEF4	RECQL5
PRKG1	PRX	PTPN14	RAB27B	RAPSN	REEP1
PRKG2	PRY	PTPN2	RAB28	RARA	REEP2
PRKN	PRY2	PTPN21	RAB29	RARB	REL
PRKRA	PSAP	PTPN22	RAB2A	RARS	RELN
PRL	PSAT1	PTPN23	RAB33B	RARS2	REN
PRLH	PSCA	PTPN6	RAB34	RASA1	REPS2
PRLHR	PSEN1	PTPRB	RAB39B	RASA2	RERE
PRLR	PSEN2	PTPRC	RAB3A	RASGEF1B	REST

RET	RIPK4	RORC	RRAS	SAE1	SCN5A
RETN	RIPOR2	ROS1	RRAS2	SAG	SCN7A
RETREG1	RIT1	RP1	RREB1	SAGE1	SCN8A
REV1	RIT2	RP1L1	RRH	SALL1	SCN9A
REV3L	RLBP1	RP2	RRM1	SALL2	SCNN1A
RFC1	RLIM	RP9	RRM2	SALL4	SCNN1B
RFC2	RMDN2	RPA1	RRM2B	SAMD4A	SCNN1D
RFC3	RMI1	RPA2	RRP1B	SAMD9	SCNN1G
RFC4	RMI2	RPA3	RS1	SAMHD1	SCO1
RFC5	RMND1	RPA4	rs10748087	SAR1B	SCO2
RFT1	RMRP	RPE65	rs11130795	SARDH	SCP2
RFWD2	RNASE3	RPGR	rs12682834	SARS	SCRIB
RFX2	RNASEH2A	RPGRIP1	rs1393978	SARS2	SCT
RFX3	RNASEH2B	RPGRIP1L	rs2583136	SART1	SCUBE2
RFX5	RNASEH2C	RPH3AL	rs2988039	SART3	SDC3
RFX6	RNASEL	RPIA	rs37535	SASH1	SDCCAG8
RFX8	RNASET2	RPL10	rs4411641	SASS6	SDHA
RFXANK	RNF113A	RPL11	rs6074704	SAT1	SDHAF1
RFXAP	RNF114	RPL15	rs6512586	SATB2	SDHAF2
RGL1	RNF125	RPL21	rs6666954	SATL1	SDHAF3
RGL2	RNF128	RPL24	rs6841061	SBDS	SDHB
RGMA	RNF135	RPL26	rs8045964	SBF1	SDHC
RGR	RNF139	RPL27	rs9388856	SBF2	SDHD
RGS2	RNF168	RPL35A	RSC1A1	SBK3	SDR39U1
RGS5	RNF170	RPL36	RSPH1	SBNO1	SEC23A
RGS6	RNF2	RPL38	RSPH4A	SC5D	SEC23B
RGS7	RNF20	RPL5	RSPH9	SCAMP4	SEC24D
RGS9	RNF212	RPL6	RUBCN	SCAP	SEC63
RGS9BP	RNF213	RPN2	RUNX1	SCAPER	SECISBP2
RHAG	RNF216	RPS10	RUNX1T1	SCARB1	SEL1L
RHBDD2	RNF219	RPS14	RUNX2	SCARB2	SELE
RHBDF2	RNF32	RPS15	RUNX3	SCARF2	SELENOF
RHCE	RNF38	RPS17	RUVBL1	SCG2	SELENON
RHD	RNF39	RPS19	RXFP2	SCG3	SELENOP
RHO	RNF6	RPS24	RXRA	SCG5	SELENOS
RHOB	RNF8	RPS26	RXRG	SCGB1A1	SELL
RHOG	RNLS	RPS27	RYK	SCGB1D2	SELP
RHOH	RNMT	RPS27A	RYR1	SCGB3A2	SELPLG
RHPN2	RNU4ATAC	RPS28	RYR2	SCLT1	SEM1
RIC1	ROBO1	RPS29	RYR3	SCN10A	SEMA3A
RICTOR	ROBO2	RPS3		SCN11A	SEMA3D
RIMS1	ROBO3	RPS4Y2	S	SCN1A	SEMA3E
RIMS2	ROCK1	RPS5	S100A14	SCN1B	SEMA4A
RIMS3	ROCK2	RPS6KA3	S100B	SCN2A	SEMA4C
RIN2	ROGDI	RPS6KB1	S1PR1	SCN2B	SEMA4D
RINT1	ROM1	RPS6KL1	S1PR3	SCN3A	SEMA4G
RIOK2	ROPN1L	RPS7	SAA1	SCN3B	SEMA5A
RIPK2	ROR2	RPSA	SAA2	SCN4A	SEMA6D
RIPK3	RORA	RPTOR	SACS	SCN4B	SEMA7A

SEMG1	SFXN4	SKI	SLC22A9	SLC35F3	SLC7A10
SEPSECS	SGCA	SKIV2L	SLC23A1	SLC35G2	SLC7A11
SEPT12	SGCB	SLA2	SLC24A1	SLC36A2	SLC7A14
SEPT14	SGCD	SLBP	SLC24A2	SLC37A4	SLC7A2
SEPT5	SGCE	SLC10A1	SLC24A4	SLC38A8	SLC7A5
SEPT7	SGCG	SLC10A2	SLC24A5	SLC39A12	SLC7A7
SEPT9	SGK1	SLC11A1	SLC25A1	SLC39A13	SLC7A9
SERAC1	SGO1	SLC11A2	SLC25A12	SLC39A4	SLC8A1
SERHL2	SGSH	SLC12A1	SLC25A13	SLC39A5	SLC9A1
SERPINA1	SGSM3	SLC12A2	SLC25A15	SLC3A1	SLC9A3
SERPINA10	SH2B1	SLC12A3	SLC25A19	SLC40A1	SLC9A3R1
SERPINA3	SH2B3	SLC12A5	SLC25A20	SLC41A1	SLC9A6
SERPINA6	SH2D1A	SLC12A6	SLC25A21	SLC44A2	SLC9A9
SERPINA7	SH3BP2	SLC12A7	SLC25A22	SLC45A2	SLCO1A2
SERPINB11	SH3GL1	SLC13A2	SLC25A3	SLC46A1	SLCO1B1
SERPINB3	SH3PXD2B	SLC13A5	SLC25A38	SLC47A1	SLCO1B3
SERPINB4	SH3TC2	SLC14A1	SLC25A39	SLC47A2	SLCO1C1
SERPINB5	SHANK1	SLC14A2	SLC25A4	SLC4A1	SLCO2A1
SERPINB6	SHANK2	SLC15A1	SLC25A43	SLC4A10	SLCO2B1
SERPINB7	SHANK3	SLC16A1	SLC25A46	SLC4A11	SLCO5A1
SERPINC1	SHARPIN	SLC16A12	SLC25A5	SLC4A3	SLFN5
SERPIND1	SHBG	SLC16A2	SLC26A1	SLC4A4	SLIT1
SERPINE1	SHH	SLC16A3	SLC26A10	SLC4A5	SLIT3
SERPINF1	SHMT1	SLC16A7	SLC26A2	SLC4A7	SLITRK1
SERPINF2	SHOC2	SLC17A1	SLC26A3	SLC52A1	SLITRK5
SERPING1	SHOX	SLC17A3	SLC26A4	SLC52A2	SLITRK6
SERPINH1	SHOX2	SLC17A5	SLC26A5	SLC52A3	SLK
SERPINI1	SHROOM3	SLC17A8	SLC26A6	SLC5A1	SLMAP
SERPINI2	SHROOM4	SLC17A9	SLC26A8	SLC5A11	SLTM
SERTAD1	SI	SLC18A1	SLC26A9	SLC5A2	SLURP1
SESN2	SIAE	SLC19A1	SLC27A1	SLC5A5	SLX1A
SETBP1	SIGLEC12	SLC19A2	SLC27A4	SLC5A7	SLX1B
SETD2	SIGLEC14	SLC19A3	SLC27A5	SLC6A1	SLX4
SETD5	SIGLEC16	SLC1A1	SLC28A1	SLC6A11	SMAD1
SETDB1	SIGMAR1	SLC1A2	SLC30A10	SLC6A12	SMAD2
SETDB2	SIK3	SLC1A3	SLC30A2	SLC6A13	SMAD3
SETX	SIL1	SLC1A5	SLC30A5	SLC6A14	SMAD4
SEZ6	SIM1	SLC20A2	SLC30A8	SLC6A17	SMAD5
SEZ6L	SIM2	SLC22A1	SLC31A1	SLC6A18	SMAD6
SEZ6L2	SIPA1	SLC22A11	SLC33A1	SLC6A19	SMAD7
SF3B1	SIPA1L1	SLC22A12	SLC34A1	SLC6A2	SMAD9
SF3B4	SIRT1	SLC22A14	SLC34A2	SLC6A20	SMARCA1
SFPQ	SIRT3	SLC22A18	SLC34A3	SLC6A3	SMARCA2
SFRP1	SIRT5	SLC22A2	SLC35A1	SLC6A4	SMARCA4
SFTPA1	SIX1	SLC22A25	SLC35A2	SLC6A5	SMARCAD1
SFTPA2	SIX2	SLC22A3	SLC35A3	SLC6A6	SMARCAL1
SFTPB	SIX3	SLC22A4	SLC35C1	SLC6A8	SMARCB1
SFTPC	SIX5	SLC22A5	SLC35D1	SLC6A9	SMARCC1
SFTPD	SIX6	SLC22A6	SLC35D3	SLC7A1	SMARCC2

SMARCE1	SNX19	SPATA5L1	SRP72	STAT2	SULF1
SMC1A	SNX3	SPATA7	SRPX	STAT3	SULT1A1
SMC1B	SNX5	SPDL1	SRPX2	STAT4	SULT1A3
SMC3	SNX8	SPECC1	SRR	STAT5B	SULT1C2
SMC5	SOAT1	SPECC1L	SRSF2	STAT6	SULT1C3
SMC6	SOBP	SPEF2	SRY	STBD1	SULT1E1
SMCHD1	SOCS1	SPEG	SS18	STEAP3	SULT2A1
SMG1	SOCS3	SPERT	SS18L1	STEAP4	SULT2B1
SMG6	SOD1	SPG11	SSBP1	STH	SULT4A1
SMIM1	SOD2	SPG21	SSH1	STIL	SUMF1
SMIM3	SOD3	SPG7	SSPN	STIM1	SUMO1
SMN1	SOGA3	SPI1	SSR4	STIM2	SUMO4
SMN2	SOHLH1	SPINK1	SST	STK10	SUN1
SMNDC1	SORBS1	SPINK5	SSTR2	STK11	SUN2
SMO	SORCS1	SPINT2	SSTR5	STK11IP	SUOX
SMOC1	SORD	SPO11	SSX1	STK19	SUPT16H
SMOC2	SORL1	SPOCK1	SSX2	STK3	SUPT3H
SMOX	SORT1	SPOP	SSX7	STK32A	SUPT5H
SMPD1	SOS1	SPP1	ST14	STK33	SURF1
SMPD3	SOS2	SPP2	ST3GAL1	STK35	SUZ12
SMPX	SOST	SPR	ST3GAL2	STK36	SV2B
SMS	SOX10	SPRED1	ST3GAL3	STK39	SVIL
SMUG1	SOX11	SPRED2	ST3GAL4	STK4	SYCE2
SMYD3	SOX17	SPRN	ST3GAL5	STMN1	SYCP3
SNAI2	SOX18	SPRR3	ST3GAL6	STOM	SYK
SNAP25	SOX2	SPRTN	ST5	STOX1	SYN1
SNAP29	SOX3	SPRY2	ST6GAL1	STRA6	SYN2
SNAPC4	SOX4	SPRY3	ST6GAL2	STRADA	SYN3
SNAPC5	SOX5	SPRY4	ST6GALNAC1	STRC	SYNCRIP
SNCA	SOX6	SPSB1	ST6GALNAC2	STS	SYNE1
SNCAIP	SOX7	SPTA1	ST6GALNAC3	STT3A	SYNE2
SNCB	SOX8	SPTAN1	ST6GALNAC4	STT3B	SYNE4
SNIP1	SOX9	SPTB	ST6GALNAC5	STUB1	SYNGAP1
SNORD115-1	SP100	SPTBN1	ST6GALNAC6	STUB1	SYNGAP1
SNORD116-1	SP110	SPTBN2	ST7	STX11	SYNGR1
SNORD116-10	SP7	SPTBN5	ST8SIA1	STX16	SYNJ1
SNORD50A	SP8	SPTLC1	ST8SIA2	STX1A	SYNM
SNRK	SPAG1	SPTLC2	ST8SIA3	STX1B	SYNPO
SNRNP200	SPAG16	SQSTM1	ST8SIA4	STXBP1	SYNPR
SNRPB	SPAG17	SRC	ST8SIA5	STXBP2	SYP
SNRPE	SPANXN1	SRCAP	ST8SIA6	STXBP3	SYT11
SNRPN	SPANXN5	SRD5A2	STAC3	STXBP5	SYT14
SNTA1	SPART	SRD5A3	STAG1	STXBP5L	SYT17
SNTB1	SPAST	SREBF1	STAG2	STYXL1	SYT2
SNTG1	SPATA13	SREBF2	STAG3	SUCLA2	SYTL3
SNTG2	SPATA16	SREK1	STAMPB	SUCLG1	SYTL5
SNURF	SPATA21	SRGAP2	STAR	SUCLG2	SZT2
SNX1	SPATA31C1	SRGAP3	STARD6	SUCO	
SNX10	SPATA32	SRI	STARD9	SUFU	T
SNX14			STAT1	SUGCT	TAAR1

TAAR2	TBC1D9	TDRD7	TGM6	TM4SF20	TNFRSF10A
TAAR6	TBCE	TEAD1	TH	TMC1	TNFRSF10B
TAAR9	TBCK	TEC	THADA	TMC3	TNFRSF11A
TAB2	TBK1	TECPR2	THAP1	TMC6	TNFRSF11B
TAC3	TBL1X	TECR	THBD	TMC8	TNFRSF13B
TACC3	TBL1XR1	TECTA	THBS1	TMCO1	TNFRSF13C
TACO1	TBL1Y	TEK	THBS2	TMEM114	TNFRSF1A
TACR1	TBP	TEKT2	THBS4	TMEM121	TNFRSF1B
TACR3	TBR1	TELO2	THOC2	TMEM126A	TNFRSF25
TACSTD2	TBX1	TENM1	THOC6	TMEM127	TNFRSF4
TADA2A	TBX10	TENM2	THPO	TMEM135	TNFRSF9
TAF1	TBX15	TENM3	THRA	TMEM138	TNFSF10
TAF15	TBX18	TENM4	THRB	TMEM165	TNFSF11
TAF1C	TBX19	TEP1	THSD7A	TMEM173	TNFSF12
TAF1L	TBX2	TERC	THSD7B	TMEM185A	TNFSF13B
TAF2	TBX20	TERT	TIA1	TMEM187	TNFSF14
TAF4B	TBX21	TET1	TICAM1	TMEM189	TNFSF15
TAF6	TBX22	TET2	TIMELESS	TMEM2	TNFSF18
TAF7L	TBX3	TEX13B	TIMM21	TMEM216	TNFSF4
TAL1	TBX4	TEX14	TIMM44	TMEM231	TNFSF8
TAL2	TBX5	TEX28	TIMM8A	TMEM237	TNK2
TALDO1	TBX6	TF	TIMP1	TMEM240	TNKS
TANC1	TBXA2R	TFAM	TIMP2	TMEM38B	TNKS2
TANC2	TBXAS1	TFAP2A	TIMP3	TMEM39A	TNNC1
TAP1	TCAP	TFAP2B	TINAG	TMEM43	TNNI2
TAP2	TCF12	TFB1M	TINF2	TMEM47	TNNI3
TAPBP	TCF21	TFCP2	TIPARP	TMEM5	TNNI3K
TARDBP	TCF3	TFDP1	TIPIN	TMEM67	TNNT1
TARS2	TCF4	TFE3	TIRAP	TMEM70	TNNT2
TAS1R1	TCF7	TFF1	TJP1	TMEM8A	TNNT3
TAS1R2	TCF7L1	TFG	TJP2	TMEM9	TNP1
TAS1R3	TCF7L2	TFPI	TK2	TMEM92	TNPO2
TAS2R16	TCIRG1	TFR2	TLE6	TMEM98	TNPO3
TAS2R19	TCL1A	TFRC	TLK1	TMEM99	TNR
TAS2R3	TCL1B	TG	TLL1	TMIE	TNRC6B
TAS2R38	TCN1	TGDS	TLR1	TMLHE	TNS2
TAS2R43	TCN2	TGFB1	TLR10	TMPO	TNS3
TAS2R46	TCOF1	TGFB2	TLR2	TMPRSS11A	TNXB
TAS2R50	TCP1	TGFB3	TLR3	TMPRSS15	TOMM40
TAS2R9	TCTE1	TGFB1	TLR4	TMPRSS3	TOP1
TAT	TCTE3	TGFB1	TLR5	TMPRSS4	TOP1MT
TAZ	TCTN1	TGFB2	TLR6	TMPRSS5	TOP2A
TBC1D1	TCTN2	TGFB3	TLR7	TMPRSS6	TOP3A
TBC1D20	TCTN3	TGFB1	TLR8	TMTC3	TOP3B
TBC1D23	TDG	TGIF1	TLR9	TNC	TOPBP1
TBC1D24	TDGF1	TGM1	TLX1	TNF	TOPORS
TBC1D30	TDO2	TGM2	TLX2	TNFAIP1	TOR1A
TBC1D4	TDP1	TGM4	TLX3	TNFAIP2	TOR1AIP1
TBC1D7	TDP2	TGM5	TM4SF19	TNFAIP3	TOX3

TP53	TRIB1	TSEN34	TUBGCP6	UBR5	UPF2
TP53AIP1	TRIB2	TSEN54	TUFM	UBR7	UPF3B
TP53BP1	TRIB3	TSMF	TULP1	UBTF	UPK3A
TP53I3	TRIL	TSG101	TULP3	UCHL1	UQCRB
TP53RK	TRIM17	TSHB	TULP4	UCN	UQCRC1
TP63	TRIM2	TSHR	TUSC1	UCP1	UQCRC2
TP73	TRIM21	TSHZ1	TUSC3	UCP2	UQCRFS1
TPCN2	TRIM22	TSLP	TWIST1	UCP3	UQCRH
TPH1	TRIM24	TSPAN12	TWIST2	UFD1	UQCRQ
TPH2	TRIM28	TSPAN17	TWNK	UGCG	UROC1
TPI1	TRIM32	TSPAN7	TXLNB	UGGT1	UROD
TPK1	TRIM33	TSPEAR	TXN2	UGGT2	UROS
TPM1	TRIM37	TSPO	TXNIP	UGT1A1	USB1
TPM2	TRIM5	TSPYL1	TXNL4A	UGT1A10	USF1
TPM3	TRIM63	TSR2	TXNRD2	UGT1A3	USH1C
TPMT	TRIO	TSSC4	TYK2	UGT1A4	USH1G
TPO	TRIOBP	TSSK2	TYMP	UGT1A5	USH2A
TPP1	TRIP11	TSSK3	TYMS	UGT1A6	USP1
TPP2	TRIP12	TSSK4	TYR	UGT1A7	USP15
TPPP	TRIP13	TST	TYRO3	UGT1A8	USP24
TPRN	TRIT1	TTBK2	TYROBP	UGT1A9	USP26
TPSB2	TRMT1	TTC19	TYRP1	UGT2A1	USP27X
TPTE	TRMT10A	TTC21B		UGT2A3	USP3
TRA2B	TRMT44	TTC37	U	UGT2B10	USP30
TRAC	TRMU	TTC5	U2AF1	UGT2B15	USP34
TRADD	TRNT1	TTC7A	UACA	UGT2B17	USP44
TRAF3	TROAP	TTC8	UBA1	UGT2B28	USP46
TRAF3IP1	TROVE2	TTF2	UBA3	UGT2B4	USP53
TRAF3IP2	TRPA1	TTI2	UBA7	UGT2B7	USP54
TRAF6	TRPC3	TTLL1	UBAC2	UGT8	USP7
TRAF7	TRPC4	TTLL11	UBB	UHRF1BP1	USP8
TRAK1	TRPC5	TTLL5	UBD	UIMC1	USP9X
TRAK2	TRPC6	TTN	UBE2A	ULK2	USP9Y
TRAP1	TRPM1	TTPA	UBE2B	ULK4	UST
TRAPPC10	TRPM2	TTR	UBE2I	UMOD	UTF1
TRAPPC11	TRPM3	TTTTY13	UBE2N	UMPS	UTP14C
TRAPPC2	TRPM4	TUB	UBE2NL	UNC119	UTP4
TRAPPC9	TRPM6	TUBA1A	UBE2T	UNC13B	UTP6
TRB	TRPM7	TUBA4A	UBE2V1	UNC13C	UTRN
TRBV9	TRPS1	TUBA8	UBE2V2	UNC13D	UTS2
TRD	TRPV1	TUBB	UBE3A	UNC45B	UVSSA
TRDN	TRPV3	TUBB1	UBE3B	UNC5C	
TREH	TRPV4	TUBB2A	UBE3C	UNC5CL	V
TREM2	TRPV5	TUBB2B	UBIAD1	UNC80	VAMP1
TRERF1	TRRAP	TUBB3	UBN2	UNC93A	VAMP7
TREX1	TSC1	TUBB4A	UBQLN1	UNC93B1	VANGL1
TREX2	TSC2	TUBG1	UBQLN2	UNG	VANGL2
TRH	TSEN15	TUBGCP4	UBR1	UNKL	VAPB
TRHR	TSEN2	TUBGCP5	UBR3	UPB1	VARS2

VAV3	WDPCP	X	ZC3H14	ZNF24	ZNRF1
VAX1	WDR11	XBP1	ZC3H3	ZNF292	ZP1
VAX2	WDR13	XDH	ZC3HAV1	ZNF311	ZPBP
VCAM1	WDR19	XG	ZC4H2	ZNF335	ZPBP2
VCAN	WDR27	XIAP	ZCCHC12	ZNF33A	ZPLD1
VCL	WDR31	XIRP1	ZCCHC13	ZNF347	ZSCAN29
VCP	WDR34	XIST	ZCCHC8	ZNF350	ZSWIM6
VCX3A	WDR35	XK	ZDHHC15	ZNF365	ZXDA
VCY	WDR36	XKR4	ZDHHC17	ZNF385B	
VDAC1	WDR4	XKR6	ZDHHC2	ZNF395	
VDR	WDR45	XKRY	ZDHHC8	ZNF407	
VEGFA	WDR45B	XPA	ZDHHC9	ZNF408	
VEGFC	WDR48	XPC	ZEB1	ZNF41	
VHL	WDR5	XPNPEP2	ZEB2	ZNF419	
VIL1	WDR60	XPNPEP3	ZFAT	ZNF420	
VIM	WDR62	XPO1	ZFHX3	ZNF423	
VIP	WDR66	XPO5	ZFHX4	ZNF433	
VIPAS39	WDR72	XRCC1	ZFP36	ZNF44	
VIPR2	WDR73	XRCC2	ZFP36L1	ZNF45	
VKORC1	WDR81	XRCC3	ZFP36L2	ZNF451	
VLDLR	WDR93	XRCC4	ZFP57	ZNF469	
VMA21	WFS1	XRCC5	ZFP69	ZNF480	
VNN1	WHRN	XRCC6	ZFP90	ZNF507	
VPREB1	WIPF1	XYLT1	ZFPL1	ZNF513	
VPS13A	WISP3	XYLT2	ZFPM2	ZNF517	
VPS13B	WNK1		ZFR	ZNF526	
VPS33B	WNK3	Y	ZFY	ZNF582	
VPS35	WNK4	YAP1	ZFYVE26	ZNF592	
VPS37A	WNT1	YARS	ZFYVE27	ZNF599	
VPS45	WNT10A	YARS2	ZHX3	ZNF627	
VPS53	WNT10B	YBX2	ZIC1	ZNF638	
VPS54	WNT16	YTHDF2	ZIC2	ZNF644	
VRK1	WNT3	YWHAE	ZIC3	ZNF668	
VSIG1	WNT4	YY1	ZIC4	ZNF674	
VSIG4	WNT5A		ZIC5	ZNF683	
VSX1	WNT5B	Z	ZKSCAN5	ZNF711	
VSX2	WNT7A	ZAN	ZMPSTE24	ZNF713	
VTN	WNT9A	ZAP70	ZMYM2	ZNF750	
VWA3B	WNT9B	ZBTB11	ZMYM3	ZNF75D	
VWF	WRAP53	ZBTB16	ZMYM6	ZNF77	
	WRN	ZBTB17	ZMYND10	ZNF778	
W	WT1	ZBTB18	ZMYND11	ZNF780B	
WAC	WT1-AS	ZBTB20	ZMYND15	ZNF783	
WAS	WWC1	ZBTB24	ZNF141	ZNF79	
WASF3	WWC2	ZBTB38	ZNF157	ZNF80	
WASHC4	WWC3	ZBTB40	ZNF175	ZNF804A	
WASHC5	WWOX	ZBTB41	ZNF202	ZNF81	
WDFY3	WWTR1	ZBTB42	ZNF213	ZNF813	
WDFY4		ZC3H12B	ZNF224	ZNHIT6	