WES SHORT STATURE/SKELETAL DYSPLASIA DG 3.00

Gene	Median coverage	% covered >10x	% covered >20x	OMIM disease ID
ABCC9	172.8	100.0	99.9	239850
ACAN	128.1	96.6	92.9	612813;165800;608361
ACP5	186.4	99.8	98.3	607944
ACTB	74.3	99.7	96.1	243310
ACVR1	181.9	100.0	100.0	135100
ADAMTS10	125.3	99.9	98.5	277600
ADAMTS17	125.2	92.8	89.0	613195
ADAMTSL2	114.3	97.1	93.3	231050
AGA	191.3	100.0	100.0	208400
AGPS	82.8	99.3	95.4	600121
AIFM1	117.3	99.9	98.8	300232
ALG12	161.9	100.0	100.0	607143
ALG3	92.5	100.0	99.7	601110
ALG9	124.5	100.0	99.7	263210;608776
ALMS1	203.4	99.8	99.5	203800
ALPL	135.7	100.0	100.0	146300;241510;241500
ALX1	169.2	99.7	97.1	613456
ALX3	124.9	77.9	73.3	136760
ALX4	137.7	100.0	99.3	609597;613451
AMER1	108.0	99.9	98.5	300373
AMMECR1	94.4	100.0	99.1	300990
ANKH	132.4	100.0	100.0	123000;118600
ANKRD11	118.7	96.1	93.5	148050
ANO5	156.6	99.5	97.3	166260
ANTXR2	143.4	100.0	98.2	236490

APC2	93.7	97.6	92.7	617169
ARHGAP31	161.2	99.9	98.8	100300
ARID1B	153.6	96.2	95.2	135900
ARSB	126.7	97.0	88.7	253200
ARSL	102.6	99.0	93.0	302950
ATP6V0A2	133.7	100.0	99.5	219200;278250
ATR	178.2	99.9	99.4	210600
B3GALT6	43.1	75.7	69.7	615349;271640
B3GAT3	115.4	99.9	98.2	245600
B4GALT7	122.2	99.8	97.4	130070
BGN	150.6	100.0	100.0	300106
BHLHA9	21.3	70.9	50.4	228250;612576
BMP1	158.5	100.0	100.0	614856
BMP2	178.0	100.0	100.0	112600;617877
BMPER	148.8	100.0	99.8	608022
BMPR1B	174.3	100.0	99.9	616849;112600;609441
BRAF	80.6	91.0	81.1	613706
BRF1	108.8	99.9	98.4	616202
BTK	126.7	100.0	99.9	307200
BTRC	151.0	97.6	97.3	24650
CA2	172.2	100.0	100.0	259730
CANT1	153.3	100.0	99.9	251450
CASR	155.8	100.0	99.9	145980;239200
CBL	152.5	97.3	97.1	613563
CC2D2A	131.6	98.5	96.5	612284
CCDC134	142.3	100.0	100.0	-
CCDC8	174.4	100.0	100.0	614205
CCN6	119.3	84.7	84.6	208230
CCNQ	52.3	83.1	78.5	300707
CDC42	121.8	97.9	90.9	616737

CDC45	162.6	99.8	98.5	617063
CDC6	172.5	100.0	100.0	613805
CDC73	136.4	100.0	99.4	145001;610071;145000
CDKN1C	66.8	88.0	77.8	614732;130650
CDT1	113.5	99.7	97.5	613804
CENPE	87.1	98.2	92.2	616051
CEP120	170.6	100.0	99.5	616300;213300
CEP152	184.2	99.7	98.2	615807
CEP290	97.0	96.1	90.0	611134
CFAP410	107.3	100.0	99.3	602271
CHST11	234.3	100.0	100.0	618167
CHST14	147.4	99.9	98.9	601776
CHST3	113.4	100.0	99.4	143095
CHSY1	147.1	97.2	95.7	605282
CILK1	133.5	99.9	98.7	612651
CKAP2L	194.4	99.7	98.6	272440
CLCN5	125.2	99.9	98.3	300554;310468;308990;300009
CLCN7	142.0	99.7	98.4	166600;611490
COG1	121.9	100.0	100.0	611209
COG4	110.3	100.0	99.9	618150
COL10A1	118.0	100.0	98.4	156500
COL11A1	113.4	96.2	92.8	228520
COL11A2	127.0	100.0	99.7	614524
COL1A1	154.6	99.9	98.6	114000
COL1A2	117.5	99.4	96.9	225320
COL27A1	165.0	99.9	99.7	615155
COL2A1	125.9	100.0	99.7	200610
COL9A1	159.8	100.0	99.2	614135
COL9A2	103.5	99.9	99.0	614284
COL9A3	109.1	98.7	95.5	600969

COLEC11	178.1	100.0	100.0	265050
COMP	125.4	93.4	92.3	132400;177170
CPLANE1	148.8	99.7	98.4	277170
CREB3L1	148.4	100.0	99.9	616229
CREBBP	124.1	99.7	98.5	180849
CRIPT	47.4	98.1	93.2	615789
CRTAP	120.1	99.8	98.8	610682
CSF1R	125.5	99.9	99.3	618476
CSGALNACT 1	182.2	100.0	99.8	618870
CTSA	156.7	100.0	100.0	256540
CTSK	105.3	100.0	99.9	265800
CUL7	140.4	100.0	99.3	273750
CYP26B1	148.9	100.0	99.9	614416
CYP27B1	133.7	99.9	99.3	264700
CYP2R1	147.8	99.4	95.6	600081
DDR2	138.1	100.0	99.9	271665
DDRGK1	104.4	100.0	99.9	602557
DDX58	149.1	99.9	99.0	616298
DHCR24	165.8	97.7	97.7	602398
DHODH	112.7	100.0	100.0	263750
DLL3	83.9	92.1	87.0	277300
DLL4	178.9	100.0	99.2	616589
DLX3	135.0	99.9	98.4	190320
DLX5	143.1	100.0	99.9	220600
DLX6	150.2	100.0	100.0	183600
DMP1	138.6	100.0	99.9	241520
DNA2	155.0	99.8	98.3	615807
DNAJC21	143.8	99.8	98.7	617052
DNMT3A	134.9	99.8	98.6	615879
DOCK6	122.2	99.3	98.9	614219

DONSON	113.4	91.7	85.3	251230;617604
DPCD	146.0	100.0	100.0	246560
DPM1	155.7	98.2	91.3	608799
DSE	98.9	99.0	96.1	615539
DVL1	137.3	97.2	95.0	616331
DVL3	192.3	100.0	100.0	616894
DYM	122.2	97.4	96.5	223800
DYNC2H1	122.7	98.8	95.5	613091
DYNC2LI1	121.3	99.7	97.6	617088
EBP	73.3	99.7	95.8	302960;300960
EDN1	166.4	100.0	100.0	615706
EDNRA	196.2	100.0	100.0	616367
EFL1	178.2	99.6	98.5	617941
EFNB1	142.1	100.0	100.0	304110
EFTUD2	123.9	100.0	99.8	610536
EIF2AK3	174.6	97.2	94.5	226980
EIF4A3	106.3	100.0	99.5	268305
ENPP1	149.8	96.4	91.2	615522;208000;613312
EOGT	125.8	79.4	78.4	615297
EP300	192.0	99.8	99.0	613684
ERF	144.8	99.9	98.5	600775
ESCO2	139.5	98.7	95.2	269000;268300
EVC	121.9	93.9	88.6	193530;225500
EVC2	135.9	97.7	96.1	193530;225500
EXOC6B	132.0	99.1	97.6	618395
EXT1	114.3	99.9	98.4	133700
EXT2	145.0	100.0	99.3	133701
EXTL3	199.3	100.0	100.0	617425
EZH2	171.4	100.0	99.5	277590
FAM111A	254.4	99.9	99.3	602361;127000

FAM20B	145.8	100.0	99.9	-
FAM20C	132.4	100.0	100.0	259775
FAR1	84.8	97.6	92.8	616154
FBLN1	148.1	99.7	97.6	608180
FBN1	169.7	100.0	99.9	102370;614185
FBN2	171.3	100.0	99.9	121050
FBXW4	77.1	81.6	79.0	246560
FERMT3	142.1	100.0	100.0	612840
FGD1	91.2	97.3	92.8	305400
FGF10	155.3	100.0	99.8	149730
FGF23	130.1	99.6	97.5	617993;193100
FGF8	127.7	98.2	88.9	612702
FGF9	225.5	100.0	100.0	612961
FGFR1	137.7	100.0	99.9	101600;615465
FGFR2	134.1	97.7	97.1	101600;149730
FGFR3	122.6	99.8	97.7	616482;149730;602849;187600;187601;100800;61047;146000
FIG4	190.3	100.0	99.8	216340
FKBP10	177.4	98.8	97.2	259450;610968
FKBP14	102.2	100.0	99.9	614557
FLNA	138.5	100.0	99.9	305620
FLNB	140.5	99.5	98.8	112310;272460;108721;108720
FMN1	147.0	97.3	96.3	-
FN1	129.8	100.0	99.3	184255
FUCA1	132.6	100.0	99.9	230000
FUZ	137.0	100.0	100.0	-
FZD2	145.0	99.9	98.2	164745
GALNS	115.7	100.0	99.8	253000
GALNT3	149.7	99.8	99.0	211900
GCM2	153.4	100.0	100.0	617343
GDF3	138.9	100.0	100.0	613702

GDF5	156.1	100.0	100.0	201250;615298;612400;615072;200700;112600;610017;228900;113100
GDF6	116.8	100.0	99.9	617898;118100
GH1	176.4	100.0	100.0	262400
GHR	174.1	99.6	99.5	604271;262500
GHRHR	127.5	96.4	96.1	612781
GHSR	160.0	98.5	95.8	615925
GJA1	187.7	100.0	100.0	257850;164200;104100;186100;218400
GLB1	89.8	99.9	97.4	230650;253010;230600;230500
GLI2	155.7	99.1	97.4	610829;615849
GLI3	140.8	98.5	98.0	175700;146510;174700;241800;174200
GMNN	147.4	99.8	97.4	616835
GNAI3	108.8	99.3	95.2	602483
GNAS	169.3	86.9	85.1	219080;612462;174800;103580;166350;612463;603233
GNPAT	154.0	99.7	97.3	222765
GNPNAT1	30.4	68.8	48.4	-
GNPTAB	167.2	100.0	99.9	252500;252600
GNPTG	156.0	99.1	94.3	252605
GNS	111.6	98.4	94.8	252940
GORAB	188.3	100.0	99.1	231070
GPC3	90.4	99.1	94.7	312870
GPC6	150.0	100.0	100.0	258315
GPR161	186.4	100.0	100.0	-
GPX4	154.5	90.5	85.8	250220
GSC	103.3	99.2	92.4	602471
GUSB	111.3	92.9	91.7	253220
GZF1	179.1	100.0	99.6	617662
HAAO	102.2	100.0	99.8	617660
HDAC4	127.3	100.0	99.8	600430
HDAC8	106.0	86.5	85.1	300882
HES7	48.8	84.4	53.9	613686

HESX1	80.5	99.7	97.3	182230
HGSNAT	125.5	86.4	86.3	252930
HMGA2	93.7	81.3	76.7	618908
HOXA11	95.6	97.1	87.5	605432
HOXA13	66.0	77.7	69.0	176305;14000
HOXD13	157.0	99.9	98.6	113300;113200;186000
HPGD	95.5	100.0	98.9	259100;119900
HRAS	177.9	100.0	100.0	218040
HSPA9	97.6	88.5	84.5	616854
HSPG2	122.2	99.2	97.7	255800;224410
HYLS1	183.5	100.0	100.0	236680
IARS2	170.4	100.0	99.9	616007
ID4	129.8	87.6	82.5	605274
IDH1	91.4	93.3	80.1	-
IDH2	111.5	99.7	97.4	613657
IDS	110.5	99.9	98.0	309900
IDUA	128.6	93.7	86.8	607015;607014;607016
IFIH1	137.3	99.7	98.4	182250
IFITM5	86.1	99.3	95.6	610967
IFT122	140.5	100.0	99.6	218330
IFT140	124.5	99.8	98.8	266920
IFT172	107.8	99.9	99.1	615630
IFT43	134.3	100.0	100.0	614099
IFT52	148.5	100.0	99.9	617102
IFT80	78.3	97.6	88.2	611263
IFT81	108.2	93.5	90.1	617895
IGF1	102.5	100.0	99.9	608747
IGF1R	128.7	100.0	99.9	270450
IGF2	119.6	100.0	100.0	616489
IGFALS	83.8	99.9	99.6	615961

IGSF1	88.4	99.5	96.3	300888
IHH	150.3	100.0	100.0	112500;607778
IKBKB	133.8	99.8	97.4	615592
IKBKG	62.9	84.1	77.2	300291;300301;308300
IL1RN	154.6	100.0	100.0	147679
IL2RG	71.1	99.8	97.1	300400
IL6ST	112.4	96.4	90.3	618523
IMPAD1	157.7	100.0	100.0	614078
INPPL1	131.0	98.4	94.5	258480
INTU	141.9	99.7	98.1	617925;617926
KAT6B	171.3	99.6	98.3	606170
KCNJ2	183.9	100.0	100.0	106995
KDELR2	116.7	100.0	100.0	-
KIAA0586	143.8	97.3	93.1	616546;616490
KIAA0753	148.6	100.0	99.3	617127
KIF22	188.3	100.0	100.0	603546
KIF7	100.0	93.6	90.6	200990;614120;607131
KL	169.3	98.2	97.2	617994
KMT2A	154.8	100.0	99.9	605130
KRAS	84.3	99.5	96.9	615278;609942
LBR	127.8	99.4	94.5	215140;169400
LBX1	139.0	100.0	100.0	246560
LEMD3	147.6	99.9	98.7	166700
LFNG	107.3	87.9	86.4	609813
LHX3	86.2	96.6	96.5	221750
LHX4	153.9	100.0	100.0	262700
LIFR	136.7	99.7	98.0	601559
LMNA	97.4	97.4	91.9	248370
LMX1B	146.2	99.6	96.3	161200
LONP1	141.9	100.0	99.8	600373

LPIN2	119.0	100.0	100.0	609628
LRP4	143.1	99.1	98.8	614305;212780
LRP5	179.9	98.5	98.1	259770;601884;166710;607634;144750;607636
LRRK1	160.1	98.6	97.5	615198
LTBP2	112.8	99.9	99.0	614819
LTBP3	132.5	99.6	98.1	601216;617809
LZTR1	136.8	100.0	99.9	616564;605275
MAFB	83.5	100.0	99.4	166300
MAN2B1	142.3	99.8	97.9	248500
MANBA	128.8	87.8	86.5	248510
MAP2K1	111.1	99.8	97.1	615279
MAP2K2	123.0	98.5	95.1	615280
MAP3K20	132.4	100.0	99.5	616890
MAP3K7	144.4	100.0	99.6	617137;157800
MATN3	112.2	84.7	84.6	607078;608728
MBTPS2	133.0	100.0	99.0	301014
MECOM	157.3	100.0	99.9	616739
MEGF8	138.3	99.9	99.0	614976
MEOX1	113.3	100.0	98.9	214300
MESD	129.7	100.0	99.9	618644
MESP2	89.7	93.9	86.9	608681
MET	178.5	100.0	99.5	607278
MGP	159.6	98.7	95.1	245150
MIR140				618618
MKS1	104.7	99.8	97.9	249000
MMP13	139.3	95.2	92.2	602111;250400
MMP14	179.2	100.0	98.9	277950
MMP2	162.5	100.0	100.0	259600
MMP9	147.7	99.1	96.1	613073
MNX1	41.2	68.2	58.3	176450

MSX2	90.4	100.0	99.4	168550;604757;168500
MTAP	108.3	99.1	93.5	112250
MYCN	140.2	100.0	99.9	164280
MYH3	113.3	99.9	99.0	601680;178110;193700
MYLPF	145.2	100.0	100.0	-
MYO18B	132.6	100.0	99.1	214300
NAGLU	118.0	92.9	89.9	252920
NANS	114.3	100.0	99.9	610442
NBAS	169.2	100.0	99.6	614800
NEK1	141.3	99.8	98.0	263520
NEK9	131.3	100.0	99.6	614262;617022
NEU1	146.4	99.7	97.7	256550
NF1	131.8	92.6	90.2	162200
NFIX	177.4	100.0	99.5	614753
NIN	157.0	100.0	99.5	614851
NIPBL	142.8	98.9	97.0	122470
NKX3-2	99.1	99.8	97.0	613330
NLRP3	153.4	100.0	99.9	607115
NOG	175.6	100.0	100.0	611377;186500
NOTCH1	121.7	99.2	97.2	616028
NOTCH2	146.7	100.0	99.5	102500
NPPC	99.2	100.0	99.0	-
NPR2	157.3	100.0	99.6	615923;602875;616255
NPR3	188.6	100.0	100.0	-
NRAS	185.6	100.0	100.0	613224
NSD1	175.5	100.0	99.9	117550
NSDHL	148.1	100.0	98.7	308050
NSMCE2	93.9	99.7	98.2	617253
NXN	123.8	100.0	100.0	-
OBSL1	149.3	100.0	99.3	612921

OFD1	61.2	88.0	73.7	300804;311200;300209
ORC1	110.6	100.0	99.4	224690
ORC4	88.1	98.7	93.6	613800
ORC6	128.0	100.0	99.9	613803
OSTM1	95.7	98.6	94.0	259720
OTX2	152.3	100.0	99.7	613986;610125
P3H1	137.2	100.0	100.0	610915
P4HB	119.0	94.6	94.0	112240
PAM16	63.8	65.3	65.2	613320
PAPPA2	154.8	100.0	99.9	-
PAPSS2	125.9	100.0	99.5	612847
PAX3	114.5	100.0	99.9	-
PCNT	114.0	99.6	97.1	210720
PCYT1A	113.2	98.9	95.5	608940
PDE3A	128.2	99.9	99.4	112410
PDE4D	124.7	95.7	93.5	614613
PEX5	124.0	99.9	99.0	616716;202370;214110
PEX6	113.0	94.5	86.7	616617;614862;614863
PEX7	135.9	87.8	80.7	215100
PHEX	131.6	100.0	99.6	307800
PHGDH	116.1	99.9	98.8	256520
PIGV	145.1	100.0	100.0	239300
PIK3R1	148.2	99.8	99.0	269880
PISD	168.8	100.0	100.0	-
PITX1	137.2	96.7	92.0	119800;186550
PITX2	158.5	99.9	97.7	180500
PKDCC	87.0	90.6	81.5	-
PLAG1	213.4	100.0	100.0	618907
PLCB3	150.0	100.0	99.0	618961
PLCB4	117.7	99.9	98.8	614669

PLEKHM1	129.9	100.0	99.8	611497
PLK4	178.1	99.9	98.2	616171
PLOD1	147.6	100.0	98.4	225400
PLOD2	148.2	99.3	97.3	609220
PLS3	141.8	97.7	96.1	300910
PNPLA6	139.7	100.0	99.7	275400
POC1A	133.2	100.0	100.0	614813
POLE	140.6	100.0	99.8	618336
POLL	123.5	100.0	99.2	246560
POLR1A	124.0	100.0	99.4	616462
POLR1C	102.8	90.5	87.0	248390
POLR1D	210.1	91.6	91.6	613717
POLR3A	136.9	100.0	99.7	264090
POLR3B	157.1	99.9	98.6	213002
POP1	134.2	100.0	99.7	617396
POR	175.0	99.8	98.6	201750
POU1F1	137.5	100.0	99.2	613038
PPIB	116.0	100.0	100.0	259440
PPP1CB	127.9	99.9	99.3	617506
PRKAR1A	94.5	99.3	93.5	101800
PROKR2	228.4	100.0	100.0	244200
PROP1	98.8	92.6	82.6	262600
PSAT1	52.6	95.3	81.6	616038
PSMB1	151.9	100.0	100.0	-
PTDSS1	140.5	100.0	100.0	151050
PTH1R	104.5	100.0	98.7	215045
PTHLH	186.8	99.7	98.4	613382
PTPN11	100.3	99.1	93.7	163950;156250
PYCR1	94.2	99.9	97.7	612940
RAB23	130.8	100.0	99.5	201000

RAB33B	188.3	85.0	85.0	615222
RAC3	113.3	97.3	94.4	618577
RAD21	103.0	99.2	96.6	614701
RAF1	125.8	100.0	100.0	611553
RASGRP2	105.0	99.7	97.3	615888
RBBP8	147.2	100.0	99.7	606744
RBM8A	109.3	99.8	97.9	274000
RBPJ	89.9	98.4	92.8	614814
RECQL4	149.8	99.8	98.1	266280;268400;218600
RIPPLY2	73.0	100.0	97.9	616566
RIT1	178.3	100.0	100.0	615355
RMRP				607095;250460;250250
RNPC3	45.7	91.5	70.7	618160
RNU4ATAC				210710;616651
ROR2	168.7	100.0	99.9	113000;268310
RPGRIP1L	155.5	96.7	95.7	216360;611560;611561
RPL10	79.1	97.4	89.1	300998
RPL13	54.8	96.3	85.5	618728
RRAS	137.1	99.8	95.7	-
RREB1	173.9	99.9	99.2	-
RSPO2	167.0	97.1	90.7	618021
RSPRY1	173.0	100.0	100.0	616723
RUNX2	113.5	72.2	72.2	119600
SALL1	133.4	99.9	99.0	107480
SALL4	136.9	98.6	96.7	607323
SBDS	197.8	100.0	100.0	260400
SCARF2	74.5	95.4	86.2	600920
SEC24D	160.3	100.0	99.7	616294
SEMA3A	196.5	100.0	99.9	614897
SERPINF1	134.0	100.0	100.0	613982

SERPINH1	179.6	100.0	98.3	613848
SETD2	159.0	100.0	99.9	616831
SF3B4	69.4	99.9	97.3	201170;154400
SFRP4	127.4	100.0	99.8	265900
SGMS2	186.4	100.0	100.0	126550
SGSH	149.1	94.4	94.1	252900
SH3BP2	152.8	91.4	91.2	118400
SH3PXD2B	179.7	100.0	100.0	249420
SHH	128.7	100.0	99.5	188740;200500
SHOC2	164.2	99.9	99.4	607721
SHOX	31.8	70.0	59.7	127300;300582;249700
SKI	101.8	99.3	94.9	182212
SLC10A7	130.8	99.7	98.0	618363
SLC17A5	153.4	99.6	97.0	269920
SLC25A24	146.3	99.4	99.3	612289
SLC26A2	234.0	100.0	100.0	226900
SLC29A3	192.3	100.0	99.6	602782
SLC34A3	139.6	100.0	99.4	241530
SLC35C1	162.1	99.9	98.7	-
SLC35D1	135.3	100.0	97.7	269250
SLC39A13	141.5	99.8	98.2	612350
SLCO2A1	108.1	100.0	99.4	614441
SLCO5A1	195.2	99.7	98.8	600383
SMAD2	162.8	100.0	99.6	601366
SMAD3	144.4	99.9	99.0	613795
SMAD4	127.2	100.0	99.9	139210
SMARCA4	157.4	99.9	99.0	614609
SMARCAL1	130.9	100.0	99.9	242900
SMARCB1	210.4	100.0	100.0	614608
SMARCE1	86.1	95.6	88.8	616938

SMC1A	102.0	100.0	98.7	300590
SMC3	91.6	95.2	91.0	610759
SNRPB	93.2	100.0	99.3	117650
SNX10	159.9	96.2	95.7	615085
SOS1	123.6	99.8	98.4	610733
SOS2	123.5	100.0	99.2	616559
SOST	102.6	100.0	99.5	122860
SOX2	207.1	100.0	100.0	206900
SOX3	60.2	91.4	75.2	300123
SOX9	161.0	100.0	98.6	114290
SP7	150.5	100.0	99.8	613849
SPARC	166.2	100.0	100.0	616507
SPECC1L	135.8	96.0	95.7	145410;145420
SPINK5	142.1	99.9	99.5	256500
SPR	170.3	99.8	96.3	612716
SPRED1	171.2	100.0	98.9	611431
SRCAP	168.1	99.4	98.9	136140
SRP54	133.2	99.5	96.5	-
STAT3	129.0	100.0	99.8	615952
STAT5B	136.2	100.0	98.5	245590;618985
SULF1	170.0	99.9	99.3	600383
SUMF1	104.0	97.5	90.8	272200
TAB2	212.6	100.0	99.7	-
TAPT1	111.4	91.7	86.9	616897
TBCE	146.6	99.8	97.5	241410
TBX15	113.0	100.0	99.9	260660
TBX3	105.8	99.2	96.8	181450
TBX4	220.5	97.6	95.1	147891
TBX5	141.7	100.0	100.0	142900
TBX6	129.5	99.5	95.5	122600

TBXAS1	151.1	100.0	100.0	231095
TCF12	155.4	100.0	99.9	615314
TCIRG1	116.3	97.6	90.1	259700
TCOF1	123.4	99.7	98.6	154500
TCTEX1D2	140.7	100.0	100.0	617405
TCTN2	149.2	100.0	99.5	616654
TCTN3	136.4	100.0	100.0	614815
TENT5A	176.8	100.0	99.7	617952
TGDS	108.6	99.4	96.8	616145
TGFB1	89.2	100.0	99.9	131300
TGFB2	204.5	100.0	100.0	614816
TGFB3	160.1	100.0	100.0	615582
TGFBR1	181.8	93.7	93.6	609192
TGFBR2	171.6	100.0	100.0	610168
THPO	83.3	81.4	81.0	187950
TMEM165	133.8	100.0	100.0	614727
TMEM216	114.4	99.9	98.1	603194
TMEM231	106.4	100.0	99.6	615397
TMEM38B	112.2	100.0	99.9	615066
TMEM67	96.9	99.5	95.0	607361
TNFRSF11A	141.5	94.6	93.3	174810
TNFRSF11B	229.1	100.0	100.0	239000
TNFSF11	156.7	100.0	99.9	259710
TONSL	108.8	99.8	97.8	271510
TP63	188.5	100.0	100.0	106260;603543;225280;604292;605289
TRAF3IP1	91.1	99.6	97.6	616629
TRAIP	132.6	100.0	100.0	616777
TRAPPC2	65.1	89.7	69.6	313400
TREM2	127.3	100.0	99.8	221770
TRIP11	94.5	98.4	94.0	200600

TRPS1	190.7	100.0	99.9	190350
TRPV4	158.6	100.0	99.9	113500
TRPV6	156.4	100.0	99.5	618188
TTC21B	148.8	99.9	99.3	613820
TTI2	117.2	100.0	100.0	-
TWIST1	96.4	100.0	98.9	101400
TYROBP	98.7	100.0	100.0	221770
UFSP2	173.0	100.0	99.6	142669
VAC14	106.1	99.9	98.5	-
VDR	110.0	97.2	94.9	277440
VPS33A	113.2	91.3	89.8	617303
VPS35L	162.7	100.0	99.9	-
WDR19	153.1	100.0	99.4	614377
WDR34	116.2	100.0	99.6	615633
WDR35	172.4	99.8	98.9	614091
WDR60	121.8	99.5	97.0	615503
WNT1	207.7	99.3	95.3	615220
WNT10B	144.0	100.0	99.4	225300
WNT3	140.1	100.0	99.6	273395
WNT5A	127.0	100.0	100.0	180700
WNT6	75.4	100.0	98.7	-
WNT7A	184.0	100.0	100.0	276820;228930
XRCC4	165.8	99.9	99.3	616541
XYLT1	148.0	97.4	89.6	615777
XYLT2	149.8	100.0	98.3	605822
ZBTB16	153.1	100.0	99.9	612447
ZMPSTE24	155.1	100.0	99.9	608612
ZSWIM6	142.4	95.5	91.9	603671

Gene symbols used follow HGCN guidelines: Gray KA, Yates B, Seal RL, Wright MW, Bruford EA. Nucleic Acids Res. 2015 Jan;43(Database issue):D1079-85.

Median Coverage describes the average number of reads seen across 50 exomes.
% Covered 10x describes the percentage of a gene's coding sequence that is covered at least 10x.
% Covered 10x describes the percentage of a gene's coding sequence that is covered at least 20x.
Genes with Median Coverage and % Covered 10x/20x denoting NC are non-coding genes for which coverage statistics could not be generated.
OMIM release used for OMIM disease identifiers and descriptions : October 1st, 2016.

Ad 1. "No OMIM phenotype" signifies a gene without a current OMIM association Ad 2. OMIM phenotype descriptions between {} signify risk factors