

Gene_Name	Patients	Segments	LogRs	Type
ADPRHL1	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
ALG5	Patient 1,Patient 2	chr13:37439622-37625676,chr13:19748000-115091758	-0.2407,-0.3314	D
ALOX5AP	Patient 1,Patient 2	chr13:31287861-31711289,chr13:19748000-115091758	-0.2407,-0.3314	D
ARF4P3	Patient 1,Patient 2	chr13:101179524-101777045,chr13:19748000-115091758	-0.2407,-0.3314	D
ARHGEF7	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
ARL11	Patient 1,Patient 2	chr13:50062423-50366658,chr13:19748000-115091758	-0.2407,-0.3314	D
ATP11A	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
ATP4B	Patient 1,Patient 2	chr13:114294432-115091758,chr13:19748000-115091758	-0.2407,-0.3314	D
ATP8A2	Patient 1,Patient 2	chr13:25802648-26706629,chr13:19748000-115091758	-0.2407,-0.3314	D
BCORL2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
BPY2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
BPY2B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
BPY2C	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
BTF3L1	Patient 1,Patient 2	chr13:76407184-77529659,chr13:19748000-115091758	-0.2407,-0.3314	D
C13orf21	Patient 1,Patient 2	chr13:44456318-45114080,chr13:19748000-115091758	-0.2407,-0.3314	D
C13orf25	Patient 1,Patient 2	chr13:90883433-93879920,chr13:19748000-115091758	-0.2407,-0.3314	D
CAB39L	Patient 1,Patient 2	chr13:49796173-50042098,chr13:19748000-115091758	-0.2407,-0.3314	D
CD24	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDADC1	Patient 1,Patient 2	chr13:49796173-50042098,chr13:19748000-115091758	-0.2407,-0.3314	D
CDC16	Patient 1,Patient 2	chr13:114294432-115091758,chr13:19748000-115091758	-0.2407,-0.3314	D
CDCA1	Patient 1,Patient 2	chr1:163138045-164776916,chr1:163117129-164781388	-0.4264,-0.3282	D
CDK8	Patient 1,Patient 2	chr13:26792645-27259984,chr13:19748000-115091758	-0.2407,-0.3314	D
CDX2	Patient 1,Patient 2	chr13:28498341-28880960,chr13:19748000-115091758	-0.2407,-0.3314	D
CDY1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY10P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY11P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY12P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY13P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY14P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY15P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY16P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY17P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY18P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY19P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY1B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY20P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY21P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY22P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY2A	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY2B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY6P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY7P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY8P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CDY9P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CLDN10	Patient 1,Patient 2	chr13:95673826-96553194,chr13:19748000-115091758	-0.2407,-0.3314	D
CLYBL	Patient 1,Patient 2	chr13:99966348-100634123,chr13:19748000-115091758	-0.2407,-0.3314	D
COG3	Patient 1,Patient 2	chr13:45515338-46164857,chr13:19748000-115091758	-0.2407,-0.3314	D
COMMD6	Patient 1,Patient 2	chr13:76055354-76370887,chr13:19748000-115091758	-0.2407,-0.3314	D
CSPG4LYP1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CSPG4LYP2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CUL4A	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
CYCSP32	Patient 1,Patient 2	chr13:19748000-20216412,chr13:19748000-115091758	-0.2407,-0.3314	D
CYCSP34	Patient 1,Patient 2	chr13:40362392-41508166,chr13:19748000-115091758	-0.2407,-0.3314	D
CYCSP35	Patient 1,Patient 2	chr13:98606115-99378520,chr13:19748000-115091758	-0.2407,-0.3314	D
CYCSP41	Patient 1,Patient 2	chr21:9907246-38334470,chr21:10916367-10969151	-0.2955,-0.3524	D
CYorf14	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CYorf15A	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
CYorf15B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
DACH1	Patient 1,Patient 2	chr13:70275761-73320216,chr13:19748000-115091758	-0.2407,-0.3314	D
DAOA	Patient 1,Patient 2	chr13:103704918-107209985,chr13:19748000-115091758	-0.2407,-0.3314	D
DAZ1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
DAZ2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
DAZ3	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
DAZ4	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
DCAMK1L	Patient 1,Patient 2	chr13:36124612-36768023,chr13:19748000-115091758	-0.2407,-0.3314	D

DCUN1D2	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
DGKH	Patient 1,Patient 2	chr13:41943223-42872936,chr13:19748000-115091758	-0.2407,-0.3314	D
DKFZP434K1172	Patient 1,Patient 2	chr13:51953595-52518478,chr13:19748000-115091758	-0.2407,-0.3314	D
DKFZp451A211	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
DLEU2	Patient 1,Patient 2	chr13:50589627-50678998,chr13:19748000-115091758	-0.2407,-0.3314	D
DNAJC15	Patient 1,Patient 2	chr13:42882587-44433084,chr13:19748000-115091758	-0.2407,-0.3314	D
DNAJC3	Patient 1,Patient 2	chr13:95673826-96553194,chr13:19748000-115091758	-0.2407,-0.3314	D
DZIP1	Patient 1,Patient 2	chr13:95673826-96553194,chr13:19748000-115091758	-0.2407,-0.3314	D
EBPL	Patient 1,Patient 2	chr13:50062423-50366658,chr13:19748000-115091758	-0.2407,-0.3314	D
EFNB2	Patient 1,Patient 2	chr13:103704918-107209985,chr13:19748000-115091758	-0.2407,-0.3314	D
EIF1AY	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
EPST11	Patient 1,Patient 2	chr13:42882587-44433084,chr13:19748000-115091758	-0.2407,-0.3314	D
ESD	Patient 1,Patient 2	chr13:46952006-47466727,chr13:19748000-115091758	-0.2407,-0.3314	D
EXOSC8	Patient 1,Patient 2	chr13:37439622-37625676,chr13:19748000-115091758	-0.2407,-0.3314	D
F7	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
FABP3P2	Patient 1,Patient 2	chr13:42882587-44433084,chr13:19748000-115091758	-0.2407,-0.3314	D
FAM70B	Patient 1,Patient 2	chr13:114294432-115091758,chr13:19748000-115091758	-0.2407,-0.3314	D
FAM8A9P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
FARP1	Patient 1,Patient 2	chr13:98606115-99378520,chr13:19748000-115091758	-0.2407,-0.3314	D
FGF9	Patient 1,Patient 2	chr13:22084090-23778079,chr13:19748000-115091758	-0.2407,-0.3314	D
FKSG49	Patient 1,Patient 2	chr13:52639540-52960323,chr13:19748000-115091758	-0.2407,-0.3314	D
FLJ10769	Patient 1,Patient 2	chr13:111213681-111372283,chr13:19748000-115091758	-0.2407,-0.3314	D
FLJ11305	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
FLJ12118	Patient 1,Patient 2	chr13:111213681-111372283,chr13:19748000-115091758	-0.2407,-0.3314	D
FLJ13639	Patient 1,Patient 2	chr13:51953595-52518478,chr13:19748000-115091758	-0.2407,-0.3314	D
FLJ14834	Patient 1,Patient 2	chr13:31287861-31711289,chr13:19748000-115091758	-0.2407,-0.3314	D
FLJ26443	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
FLJ37307	Patient 1,Patient 2	chr13:51953595-52518478,chr13:19748000-115091758	-0.2407,-0.3314	D
FLJ40919	Patient 1,Patient 2	chr13:42882587-44433084,chr13:19748000-115091758	-0.2407,-0.3314	D
FLT3	Patient 1,Patient 2	chr13:28498341-28880960,chr13:19748000-115091758	-0.2407,-0.3314	D
FNTAL2	Patient 1,Patient 2	chr13:22084090-23778079,chr13:19748000-115091758	-0.2407,-0.3314	D
FOXO1A	Patient 1,Patient 2	chr13:40362392-41508166,chr13:19748000-115091758	-0.2407,-0.3314	D
FTHL7	Patient 1,Patient 2	chr13:22084090-23778079,chr13:19748000-115091758	-0.2407,-0.3314	D
GAS6	Patient 1,Patient 2	chr13:114294432-115091758,chr13:19748000-115091758	-0.2407,-0.3314	D
GJA3	Patient 1,Patient 2	chr13:20716107-20717427,chr13:19748000-115091758	-0.23734781804,-0.3314	D
GOLGA2LY1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
GOLGA2LY2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
GPC5	Patient 1,Patient 2	chr13:90883433-93879920,chr13:19748000-115091758	-0.2407,-0.3314	D
GPR12	Patient 1,Patient 2	chr13:27332957-27333966,chr13:19748000-115091758	-0.28691911382,-0.3314	D
GPR141	Patient 2,Patient 3	chr7:37779993-37780915,chr7:37779993-37780915	0.265439016124,0.292141752386	I
GPR8	Patient 1,Patient 2	chr20:62737180-62738186,chr20:62737180-62738186	0.298436910696,0.436742200524	I
GRK1	Patient 1,Patient 2	chr13:114294432-115091758,chr13:19748000-115091758	-0.2407,-0.3314	D
GRK6PS	Patient 1,Patient 2	chr13:21734033-22070301,chr13:19748000-115091758	-0.2407,-0.3314	D
GRTP1	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
GTF2F2	Patient 1,Patient 2	chr13:45515338-46164857,chr13:19748000-115091758	-0.2407,-0.3314	D
GTF3A	Patient 1,Patient 2	chr13:27997829-28124630,chr13:19748000-115091758	-0.2407,-0.3314	D
GUCY1B2	Patient 1,Patient 2	chr13:51544013-51819555,chr13:19748000-115091758	-0.2407,-0.3314	D
HSFY1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
HSFY2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
IL17D	Patient 1,Patient 2	chr13:21179159-21476893,chr13:19748000-115091758	-0.2407,-0.3314	D
ITGBL1	Patient 1,Patient 2	chr13:101797108-102375368,chr13:19748000-115091758	-0.2407,-0.3314	D
KCTD12	Patient 1,Patient 2	chr13:76407184-77529659,chr13:19748000-115091758	-0.2407,-0.3314	D
KCTD4	Patient 1,Patient 2	chr13:45515338-46164857,chr13:19748000-115091758	-0.2407,-0.3314	D
KIAA0564	Patient 1,Patient 2	chr13:41943223-42872936,chr13:19748000-115091758	-0.2407,-0.3314	D
KIAA1008	Patient 1,Patient 2	chr13:73327825-73366687,chr13:19748000-115091758	-0.2407,-0.3314	D
KIAA1704	Patient 1,Patient 2	chr13:45515338-46164857,chr13:19748000-115091758	-0.2407,-0.3314	D
KLF12	Patient 1,Patient 2	chr13:73372042-75866458,chr13:19748000-115091758	-0.2407,-0.3314	D
KLF5	Patient 1,Patient 2	chr13:73372042-75866458,chr13:19748000-115091758	-0.2407,-0.3314	D
LAMP1	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
LCP1	Patient 1,Patient 2	chr13:46638779-46836135,chr13:19748000-115091758	-0.2407,-0.3314	D
LECT1	Patient 1,Patient 2	chr13:53227024-53419769,chr13:19748000-115091758	-0.2407,-0.3314	D
LHFP	Patient 1,Patient 2	chr13:39591554-40256452,chr13:19748000-115091758	-0.2407,-0.3314	D
LRCH1	Patient 1,Patient 2	chr13:46952006-47466727,chr13:19748000-115091758	-0.2407,-0.3314	D
MAPK6PS3	Patient 1,Patient 2	chr13:41943223-42872936,chr13:19748000-115091758	-0.2407,-0.3314	D
MCF2L	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
MED4	Patient 1,Patient 2	chr13:48547347-48828123,chr13:19748000-115091758	-0.2407,-0.3314	D

MGC35169	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
MGC40178	Patient 1,Patient 2	chr13:31287861-31711289,chr13:19748000-115091758	-0.2407,-0.3314	D
MGC5590	Patient 1,Patient 2	chr13:44456318-45114080,chr13:19748000-115091758	-0.2407,-0.3314	D
MIPEP	Patient 1,Patient 2	chr13:23932422-24471127,chr13:19748000-115091758	-0.2407,-0.3314	D
MRP63	Patient 1,Patient 2	chr13:21734033-22070301,chr13:19748000-115091758	-0.2407,-0.3314	D
MRPL3P1	Patient 1,Patient 2	chr13:19748000-20216412,chr13:19748000-115091758	-0.2407,-0.3314	D
MRPS31	Patient 1,Patient 2	chr13:40362392-41508166,chr13:19748000-115091758	-0.2407,-0.3314	D
MRPS31P2	Patient 1,Patient 2	chr13:19748000-20216412,chr13:19748000-115091758	-0.2407,-0.3314	D
MTIF3	Patient 1,Patient 2	chr13:27997829-28124630,chr13:19748000-115091758	-0.2407,-0.3314	D
MTMR6	Patient 1,Patient 2	chr13:25802648-26706629,chr13:19748000-115091758	-0.2407,-0.3314	D
NEK3	Patient 1,Patient 2	chr13:52639540-52960323,chr13:19748000-115091758	-0.2407,-0.3314	D
NUDT15	Patient 1,Patient 2	chr13:48547347-48828123,chr13:19748000-115091758	-0.2407,-0.3314	D
NUPL1	Patient 1,Patient 2	chr13:25802648-26706629,chr13:19748000-115091758	-0.2407,-0.3314	D
OFDYP1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP10	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP11	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP12	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP13	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP14	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP16	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP4	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP5	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP6	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP7	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP8	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OFDYP9	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
OLFM4	Patient 1,Patient 2	chr13:53602969-54886195,chr13:19748000-115091758	-0.2407,-0.3314	D
PAN3	Patient 1,Patient 2	chr13:28498341-28880960,chr13:19748000-115091758	-0.2407,-0.3314	D
PARP1P1	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
PCOTH	Patient 1,Patient 2	chr13:23932422-24471127,chr13:19748000-115091758	-0.2407,-0.3314	D
PHF11	Patient 1,Patient 2	chr13:50062423-50366658,chr13:19748000-115091758	-0.2407,-0.3314	D
PIG38	Patient 1,Patient 2	chr13:42882587-44433084,chr13:19748000-115091758	-0.2407,-0.3314	D
POM121L4P	Patient 1,Patient 2	chr22:21044317-21045692,chr22:21044317-21045692	0.246519073995,0.204090967869	I
PRDX2P1	Patient 1,Patient 2	chr13:30784450-31035872,chr13:19748000-115091758	-0.2407,-0.3314	D
PROZ	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
PRY	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
PRY2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
PSPC1	Patient 1,Patient 2	chr13:20222499-20568059,chr13:19748000-115091758	-0.2407,-0.3314	D
RAC1P3	Patient 1,Patient 2	chr13:41837375-41936943,chr13:19748000-115091758	-0.2407,-0.3314	D
RAD17P2	Patient 1,Patient 2	chr13:49580324-49705512,chr13:19748000-115091758	-0.2407,-0.3314	D
RASA3	Patient 1,Patient 2	chr13:114294432-115091758,chr13:19748000-115091758	-0.2407,-0.3314	D
RBM1A1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1D	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1E	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1F	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1H	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1J	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1AP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1BP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1CP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1EP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1SP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1TP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1UP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1VP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1WP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1XP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RBM1YP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
RCBTB1	Patient 1,Patient 2	chr13:50062423-50366658,chr13:19748000-115091758	-0.2407,-0.3314	D
RCBTB2	Patient 1,Patient 2	chr13:49047444-49109895,chr13:19748000-115091758	-0.2407,-0.3314	D
RFC3	Patient 1,Patient 2	chr13:33712940-35517255,chr13:19748000-115091758	-0.2407,-0.3314	D
RFP2OS	Patient 1,Patient 2	chr13:50489196-50575292,chr13:19748000-115091758	-0.2407,-0.3314	D
RGC32	Patient 1,Patient 2	chr13:41943223-42872936,chr13:19748000-115091758	-0.2407,-0.3314	D
RNF113B	Patient 1,Patient 2	chr13:98606115-99378520,chr13:19748000-115091758	-0.2407,-0.3314	D

RNF17	Patient 1,Patient 2	chr13:25266564-25416301,chr13:19748000-115091758	-0.2407,-0.3314	D
RNU70	Patient 1,Patient 2	chrX:153628621-153629364,chrX:96136574-154774939	0.24924421724,0.5777	I
RPS4Y2P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
SAP18	Patient 1,Patient 2	chr13:21562017-21729952,chr13:19748000-115091758	-0.2407,-0.3314	D
SCEL	Patient 1,Patient 2	chr13:77836176-78317300,chr13:19748000-115091758	-0.2407,-0.3314	D
SEDLP3	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
SEDLP4	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
SEDLP5	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
SLC25A15	Patient 1,Patient 2	chr13:40362392-41508166,chr13:19748000-115091758	-0.2407,-0.3314	D
SLC25A30	Patient 1,Patient 2	chr13:45515338-46164857,chr13:19748000-115091758	-0.2407,-0.3314	D
SLC7A1	Patient 1,Patient 2	chr13:29608020-30524524,chr13:19748000-115091758	-0.2407,-0.3314	D
SMCY	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
SMCYP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
SOX1	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
STK24	Patient 1,Patient 2	chr13:98606115-99378520,chr13:19748000-115091758	-0.2407,-0.3314	D
TAF9P2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TAS2R40	Patient 1,Patient 3	chr7:142919169-142920145,chr7:142919169-142920145	0.232872776122,0.200673146702	I
TAS2R43	Patient 1,Patient 2	chr12:11243897-11244828,chr12:11243897-11244828	0.223356209581,0.429022742015	I
TBL1YP	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TGDS	Patient 1,Patient 2	chr13:95131212-95279454,chr13:19748000-115091758	-0.2407,-0.3314	D
THSD1P	Patient 1,Patient 2	chr13:52639540-52960323,chr13:19748000-115091758	-0.2407,-0.3314	D
TM9SF2	Patient 1,Patient 2	chr13:99966348-100634123,chr13:19748000-115091758	-0.2407,-0.3314	D
TMCO3	Patient 1,Patient 2	chr13:113801641-114287602,chr13:19748000-115091758	-0.2407,-0.3314	D
TMEM46	Patient 1,Patient 2	chr13:25802648-26706629,chr13:19748000-115091758	-0.2407,-0.3314	D
TMTC4	Patient 1,Patient 2	chr13:101179524-101777045,chr13:19748000-115091758	-0.2407,-0.3314	D
TNFRSF19	Patient 1,Patient 2	chr13:23932422-244711127,chr13:19748000-115091758	-0.2407,-0.3314	D
TNFSF11	Patient 1,Patient 2	chr13:42882587-44433084,chr13:19748000-115091758	-0.2407,-0.3314	D
TPP2	Patient 1,Patient 2	chr13:102521023-103346850,chr13:19748000-115091758	-0.2407,-0.3314	D
TPT1	Patient 1,Patient 2	chr13:45515338-46164857,chr13:19748000-115091758	-0.2407,-0.3314	D
TPTE2	Patient 1,Patient 2	chr13:19748000-20216412,chr13:19748000-115091758	-0.2407,-0.3314	D
TSPYP4	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY10	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY13	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY14	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY17	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY17B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY17C	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY3	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY3B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY4	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY4B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY4C	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY5	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY6	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY6B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY9A	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TTY9B	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
TUBGCP3	Patient 1,Patient 2	chr13:111531981-113795415,chr13:19748000-115091758	-0.2407,-0.3314	D
UBCH7N2	Patient 1,Patient 2	chr13:30784450-31035872,chr13:19748000-115091758	-0.2407,-0.3314	D
UBL3	Patient 1,Patient 2	chr13:29608020-30524524,chr13:19748000-115091758	-0.2407,-0.3314	D
UCLH3	Patient 1,Patient 2	chr13:76055354-76370887,chr13:19748000-115091758	-0.2407,-0.3314	D
UPF3A	Patient 1,Patient 2	chr13:114294432-115091758,chr13:19748000-115091758	-0.2407,-0.3314	D
USP9YP1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
USP9YP2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
UTS2R	Patient 1,Patient 2	chr17:80332198-80333372,chr17:80332198-80333372	0.233993723093,0.248225263633	I
VPS36	Patient 1,Patient 2	chr13:52976656-53042497,chr13:19748000-115091758	-0.2407,-0.3314	D
WDFY2	Patient 1,Patient 2	chr13:51953595-52518478,chr13:19748000-115091758	-0.2407,-0.3314	D
XKRY2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
XKRYP1	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
XKRYP2	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
XKRYP3	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
XKRYP4	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
XKRYP5	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
XKRYP6	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D
XPO4	Patient 1,Patient 2	chr13:21179159-21476893,chr13:19748000-115091758	-0.2407,-0.3314	D
ZDHC20	Patient 1,Patient 2	chr13:21734033-22070301,chr13:19748000-115091758	-0.2407,-0.3314	D

ZIC5	Patient 1,Patient 2	chr13:99966348-100634123,chr13:19748000-115091758	-0.2407,-0.3314	D
ZMYM5	Patient 1,Patient 2	chr13:20222499-20568059,chr13:19748000-115091758	-0.2407,-0.3314	D
ZNF381P	Patient 1,Patient 3	chrY:14518593-28134225,chrY:19881411-59340461	-3.537,-0.7142	D