

A list of mutated gene associated with PFS

variable	pval	method	pval.txt	p.adj
MACF1	8.29E-04	Log-rank	P=0.00083	0.017087
TP73	9.11E-04	Log-rank	P=0.00091	0.017087
SLC45A1	9.11E-04	Log-rank	P=0.00091	0.017087
SLC2A7	9.11E-04	Log-rank	P=0.00091	0.017087
ZBTB17	9.11E-04	Log-rank	P=0.00091	0.017087
ARHGEF19	9.11E-04	Log-rank	P=0.00091	0.017087
LUZP1	9.11E-04	Log-rank	P=0.00091	0.017087
TAF12	9.11E-04	Log-rank	P=0.00091	0.017087
OPRD1	9.11E-04	Log-rank	P=0.00091	0.017087
PUM1	9.11E-04	Log-rank	P=0.00091	0.017087
KANK4	9.11E-04	Log-rank	P=0.00091	0.017087
LPAR3	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF326	9.11E-04	Log-rank	P=0.00091	0.017087
HIPK1	9.11E-04	Log-rank	P=0.00091	0.017087
CD101	9.11E-04	Log-rank	P=0.00091	0.017087
VTCN1	9.11E-04	Log-rank	P=0.00091	0.017087
VPS72	9.11E-04	Log-rank	P=0.00091	0.017087
LELP1	9.11E-04	Log-rank	P=0.00091	0.017087
CREB3L4	9.11E-04	Log-rank	P=0.00091	0.017087
ASH1L	9.11E-04	Log-rank	P=0.00091	0.017087
LY9	9.11E-04	Log-rank	P=0.00091	0.017087
SUCO	9.11E-04	Log-rank	P=0.00091	0.017087
SOAT1	9.11E-04	Log-rank	P=0.00091	0.017087
SLC45A3	9.11E-04	Log-rank	P=0.00091	0.017087
CCDC185	9.11E-04	Log-rank	P=0.00091	0.017087
TP53BP2	9.11E-04	Log-rank	P=0.00091	0.017087
WDR26	9.11E-04	Log-rank	P=0.00091	0.017087
OR2B11	9.11E-04	Log-rank	P=0.00091	0.017087
OR2L13	9.11E-04	Log-rank	P=0.00091	0.017087
MAN2B2	9.11E-04	Log-rank	P=0.00091	0.017087
FRYL	9.11E-04	Log-rank	P=0.00091	0.017087
NOA1	9.11E-04	Log-rank	P=0.00091	0.017087
MUC7	9.11E-04	Log-rank	P=0.00091	0.017087
PDGFC	9.11E-04	Log-rank	P=0.00091	0.017087
CEP72	9.11E-04	Log-rank	P=0.00091	0.017087
ITGA2	9.11E-04	Log-rank	P=0.00091	0.017087
DDX4	9.11E-04	Log-rank	P=0.00091	0.017087
IL31RA	9.11E-04	Log-rank	P=0.00091	0.017087
PLK2	9.11E-04	Log-rank	P=0.00091	0.017087
ENC1	9.11E-04	Log-rank	P=0.00091	0.017087
ANKRD34B	9.11E-04	Log-rank	P=0.00091	0.017087
ANKHD1	9.11E-04	Log-rank	P=0.00091	0.017087

DBN1	9.11E-04	Log-rank	P=0.00091	0.017087
PHF14	9.11E-04	Log-rank	P=0.00091	0.017087
NPSR1	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF138	9.11E-04	Log-rank	P=0.00091	0.017087
MAGI2	9.11E-04	Log-rank	P=0.00091	0.017087
KPNA7	9.11E-04	Log-rank	P=0.00091	0.017087
DNAJC2	9.11E-04	Log-rank	P=0.00091	0.017087
TMEM209	9.11E-04	Log-rank	P=0.00091	0.017087
HACD4	9.11E-04	Log-rank	P=0.00091	0.017087
CAAP1	9.11E-04	Log-rank	P=0.00091	0.017087
TOPORS	9.11E-04	Log-rank	P=0.00091	0.017087
VCP	9.11E-04	Log-rank	P=0.00091	0.017087
RNF38	9.11E-04	Log-rank	P=0.00091	0.017087
TJP2	9.11E-04	Log-rank	P=0.00091	0.017087
GABBR2	9.11E-04	Log-rank	P=0.00091	0.017087
CAVIN4	9.11E-04	Log-rank	P=0.00091	0.017087
SLC44A1	9.11E-04	Log-rank	P=0.00091	0.017087
KIAA0368	9.11E-04	Log-rank	P=0.00091	0.017087
C9orf147	9.11E-04	Log-rank	P=0.00091	0.017087
AKNA	9.11E-04	Log-rank	P=0.00091	0.017087
TRIM32	9.11E-04	Log-rank	P=0.00091	0.017087
TSC1	9.11E-04	Log-rank	P=0.00091	0.017087
TMEM141	9.11E-04	Log-rank	P=0.00091	0.017087
ENTPD2	9.11E-04	Log-rank	P=0.00091	0.017087
TUBB4B	9.11E-04	Log-rank	P=0.00091	0.017087
NELFB	9.11E-04	Log-rank	P=0.00091	0.017087
WNK1	9.11E-04	Log-rank	P=0.00091	0.017087
TAS2R50	9.11E-04	Log-rank	P=0.00091	0.017087
ETNK1	9.11E-04	Log-rank	P=0.00091	0.017087
PRPF40B	9.11E-04	Log-rank	P=0.00091	0.017087
INHBE	9.11E-04	Log-rank	P=0.00091	0.017087
TMTC2	9.11E-04	Log-rank	P=0.00091	0.017087
ATP2B1	9.11E-04	Log-rank	P=0.00091	0.017087
WSCD2	9.11E-04	Log-rank	P=0.00091	0.017087
PPTC7	9.11E-04	Log-rank	P=0.00091	0.017087
MPHOSPH9	9.11E-04	Log-rank	P=0.00091	0.017087
CAMKK1	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF232	9.11E-04	Log-rank	P=0.00091	0.017087
C17orf74	9.11E-04	Log-rank	P=0.00091	0.017087
PIGL	9.11E-04	Log-rank	P=0.00091	0.017087
VTN	9.11E-04	Log-rank	P=0.00091	0.017087
PHF12	9.11E-04	Log-rank	P=0.00091	0.017087
MYO18A	9.11E-04	Log-rank	P=0.00091	0.017087
TEFM	9.11E-04	Log-rank	P=0.00091	0.017087

HEATR9	9.11E-04	Log-rank	P=0.00091	0.017087
HNF1B	9.11E-04	Log-rank	P=0.00091	0.017087
KRT34	9.11E-04	Log-rank	P=0.00091	0.017087
MRPL10	9.11E-04	Log-rank	P=0.00091	0.017087
SPAG9	9.11E-04	Log-rank	P=0.00091	0.017087
EPX	9.11E-04	Log-rank	P=0.00091	0.017087
BCAS3	9.11E-04	Log-rank	P=0.00091	0.017087
FADS6	9.11E-04	Log-rank	P=0.00091	0.017087
MRPS7	9.11E-04	Log-rank	P=0.00091	0.017087
RNF213	9.11E-04	Log-rank	P=0.00091	0.017087
CCDC137	9.11E-04	Log-rank	P=0.00091	0.017087
IFNGR2	9.11E-04	Log-rank	P=0.00091	0.017087
RUNX1	9.11E-04	Log-rank	P=0.00091	0.017087
PXDN	9.11E-04	Log-rank	P=0.00091	0.017087
GEN1	9.11E-04	Log-rank	P=0.00091	0.017087
LRPPRC	9.11E-04	Log-rank	P=0.00091	0.017087
PAPOLG	9.11E-04	Log-rank	P=0.00091	0.017087
CD207	9.11E-04	Log-rank	P=0.00091	0.017087
POLR1A	9.11E-04	Log-rank	P=0.00091	0.017087
IL1R1	9.11E-04	Log-rank	P=0.00091	0.017087
KLHL23	9.11E-04	Log-rank	P=0.00091	0.017087
ANKAR	9.11E-04	Log-rank	P=0.00091	0.017087
SPATS2L	9.11E-04	Log-rank	P=0.00091	0.017087
STK36	9.11E-04	Log-rank	P=0.00091	0.017087
ATG9A	9.11E-04	Log-rank	P=0.00091	0.017087
DNAJB2	9.11E-04	Log-rank	P=0.00091	0.017087
HTR2B	9.11E-04	Log-rank	P=0.00091	0.017087
TAMM41	9.11E-04	Log-rank	P=0.00091	0.017087
TOP2B	9.11E-04	Log-rank	P=0.00091	0.017087
UBP1	9.11E-04	Log-rank	P=0.00091	0.017087
TRAK1	9.11E-04	Log-rank	P=0.00091	0.017087
CSPG5	9.11E-04	Log-rank	P=0.00091	0.017087
COL7A1	9.11E-04	Log-rank	P=0.00091	0.017087
RAD54L2	9.11E-04	Log-rank	P=0.00091	0.017087
NUDT16	9.11E-04	Log-rank	P=0.00091	0.017087
ACAD11	9.11E-04	Log-rank	P=0.00091	0.017087
NLGN1	9.11E-04	Log-rank	P=0.00091	0.017087
FAM8A1	9.11E-04	Log-rank	P=0.00091	0.017087
PGBD1	9.11E-04	Log-rank	P=0.00091	0.017087
HSP90AB1	9.11E-04	Log-rank	P=0.00091	0.017087
SNX3	9.11E-04	Log-rank	P=0.00091	0.017087
MYB	9.11E-04	Log-rank	P=0.00091	0.017087
MTHFD1L	9.11E-04	Log-rank	P=0.00091	0.017087
EZR	9.11E-04	Log-rank	P=0.00091	0.017087

CCR6	9.11E-04	Log-rank	P=0.00091	0.017087
DEFB135	9.11E-04	Log-rank	P=0.00091	0.017087
CHRNA2	9.11E-04	Log-rank	P=0.00091	0.017087
KCNU1	9.11E-04	Log-rank	P=0.00091	0.017087
FGFR1	9.11E-04	Log-rank	P=0.00091	0.017087
NSMAF	9.11E-04	Log-rank	P=0.00091	0.017087
PTDSS1	9.11E-04	Log-rank	P=0.00091	0.017087
EBAG9	9.11E-04	Log-rank	P=0.00091	0.017087
DEPTOR	9.11E-04	Log-rank	P=0.00091	0.017087
TBC1D31	9.11E-04	Log-rank	P=0.00091	0.017087
WAC	9.11E-04	Log-rank	P=0.00091	0.017087
RET	9.11E-04	Log-rank	P=0.00091	0.017087
PHYHIPL	9.11E-04	Log-rank	P=0.00091	0.017087
MICU1	9.11E-04	Log-rank	P=0.00091	0.017087
POLR3A	9.11E-04	Log-rank	P=0.00091	0.017087
HTR7	9.11E-04	Log-rank	P=0.00091	0.017087
TNKS2	9.11E-04	Log-rank	P=0.00091	0.017087
BTAF1	9.11E-04	Log-rank	P=0.00091	0.017087
NOC3L	9.11E-04	Log-rank	P=0.00091	0.017087
PYROXD2	9.11E-04	Log-rank	P=0.00091	0.017087
CNNM1	9.11E-04	Log-rank	P=0.00091	0.017087
LZTS2	9.11E-04	Log-rank	P=0.00091	0.017087
KCNIP2	9.11E-04	Log-rank	P=0.00091	0.017087
SEC23IP	9.11E-04	Log-rank	P=0.00091	0.017087
TH	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF408	9.11E-04	Log-rank	P=0.00091	0.017087
SLC22A6	9.11E-04	Log-rank	P=0.00091	0.017087
HRASLS5	9.11E-04	Log-rank	P=0.00091	0.017087
POLD3	9.11E-04	Log-rank	P=0.00091	0.017087
GAB2	9.11E-04	Log-rank	P=0.00091	0.017087
HEPHL1	9.11E-04	Log-rank	P=0.00091	0.017087
KDELC2	9.11E-04	Log-rank	P=0.00091	0.017087
NLRX1	9.11E-04	Log-rank	P=0.00091	0.017087
ROBO4	9.11E-04	Log-rank	P=0.00091	0.017087
TNFSF11	9.11E-04	Log-rank	P=0.00091	0.017087
SERPINE3	9.11E-04	Log-rank	P=0.00091	0.017087
GPC5	9.11E-04	Log-rank	P=0.00091	0.017087
RASA3	9.11E-04	Log-rank	P=0.00091	0.017087
STRN3	9.11E-04	Log-rank	P=0.00091	0.017087
EAPP	9.11E-04	Log-rank	P=0.00091	0.017087
CLEC14A	9.11E-04	Log-rank	P=0.00091	0.017087
SOS2	9.11E-04	Log-rank	P=0.00091	0.017087
VTI1B	9.11E-04	Log-rank	P=0.00091	0.017087
ALKBH1	9.11E-04	Log-rank	P=0.00091	0.017087

FAM181A	9.11E-04	Log-rank	P=0.00091	0.017087
MARK3	9.11E-04	Log-rank	P=0.00091	0.017087
TTBK2	9.11E-04	Log-rank	P=0.00091	0.017087
ICE2	9.11E-04	Log-rank	P=0.00091	0.017087
DPP8	9.11E-04	Log-rank	P=0.00091	0.017087
TBC1D21	9.11E-04	Log-rank	P=0.00091	0.017087
SIN3A	9.11E-04	Log-rank	P=0.00091	0.017087
ACSBG1	9.11E-04	Log-rank	P=0.00091	0.017087
LINS1	9.11E-04	Log-rank	P=0.00091	0.017087
NUBP2	9.11E-04	Log-rank	P=0.00091	0.017087
TIGD7	9.11E-04	Log-rank	P=0.00091	0.017087
RBFOX1	9.11E-04	Log-rank	P=0.00091	0.017087
MYH11	9.11E-04	Log-rank	P=0.00091	0.017087
RABEP2	9.11E-04	Log-rank	P=0.00091	0.017087
KCTD19	9.11E-04	Log-rank	P=0.00091	0.017087
NFATC3	9.11E-04	Log-rank	P=0.00091	0.017087
USP14	9.11E-04	Log-rank	P=0.00091	0.017087
ANKRD30B	9.11E-04	Log-rank	P=0.00091	0.017087
NARS	9.11E-04	Log-rank	P=0.00091	0.017087
MFSD12	9.11E-04	Log-rank	P=0.00091	0.017087
MRPL54	9.11E-04	Log-rank	P=0.00091	0.017087
TNFAIP8L1	9.11E-04	Log-rank	P=0.00091	0.017087
ADAMTS10	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF490	9.11E-04	Log-rank	P=0.00091	0.017087
MRI1	9.11E-04	Log-rank	P=0.00091	0.017087
AKAP8L	9.11E-04	Log-rank	P=0.00091	0.017087
WIZ	9.11E-04	Log-rank	P=0.00091	0.017087
MYO9B	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF730	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF829	9.11E-04	Log-rank	P=0.00091	0.017087
DYRK1B	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF780A	9.11E-04	Log-rank	P=0.00091	0.017087
XRCC1	9.11E-04	Log-rank	P=0.00091	0.017087
SNRPD2	9.11E-04	Log-rank	P=0.00091	0.017087
INAFM1	9.11E-04	Log-rank	P=0.00091	0.017087
BCL2L12	9.11E-04	Log-rank	P=0.00091	0.017087
ZNF583	9.11E-04	Log-rank	P=0.00091	0.017087
PCED1A	9.11E-04	Log-rank	P=0.00091	0.017087
TTI1	9.11E-04	Log-rank	P=0.00091	0.017087
SEMG2	9.11E-04	Log-rank	P=0.00091	0.017087
NCOA5	9.11E-04	Log-rank	P=0.00091	0.017087
AURKA	9.11E-04	Log-rank	P=0.00091	0.017087
SRMS	9.11E-04	Log-rank	P=0.00091	0.017087
BID	9.11E-04	Log-rank	P=0.00091	0.017087

RGL4	9.11E-04	Log-rank	P=0.00091	0.017087
RNF185	9.11E-04	Log-rank	P=0.00091	0.017087
NDUFA6	9.11E-04	Log-rank	P=0.00091	0.017087
JADE3	9.11E-04	Log-rank	P=0.00091	0.017087
UBQLN2	9.11E-04	Log-rank	P=0.00091	0.017087
RTL5	9.11E-04	Log-rank	P=0.00091	0.017087
PGAM4	9.11E-04	Log-rank	P=0.00091	0.017087
POU3F4	9.11E-04	Log-rank	P=0.00091	0.017087
F8	9.11E-04	Log-rank	P=0.00091	0.017087
LBR	9.11E-04	Log-rank	P=0.00091	0.017087
USP48	0.002075	Log-rank	P=0.0021	0.036968
LAMB4	0.002075	Log-rank	P=0.0021	0.036968
CRB2	0.002075	Log-rank	P=0.0021	0.036968
NRIP2	0.002075	Log-rank	P=0.0021	0.036968
NCKAP5L	0.002075	Log-rank	P=0.0021	0.036968
HID1	0.002075	Log-rank	P=0.0021	0.036968
FN3KRP	0.002075	Log-rank	P=0.0021	0.036968
CASR	0.002075	Log-rank	P=0.0021	0.036968
HLTF	0.002075	Log-rank	P=0.0021	0.036968
C10orf71	0.002075	Log-rank	P=0.0021	0.036968
SERINC4	0.002075	Log-rank	P=0.0021	0.036968
NLRC3	0.002075	Log-rank	P=0.0021	0.036968

PFS, progression-free survival.