

● Synonymous mutations
★ Functional mutations
★ Cancer genes

RB1: p.Lys279ArgfsTer2
FGF14: p.Ser48=
HES1: p.Arg138=
HNRNPUL1: p.Pro150SerfsTer100
OR2D3: p.Val133Glu
LRP2: p.Asn332IlefsTer28
SCN10A: p.Leu431=
SIGLEC12: p.Gln579Leu
PCDHGA9: p.Gln755Leu
SERTAD4: p.Tyr125His
TDRKH: p.Pro496Ala
TKTL2: p.Gly379Cys
LEX14: p.Thr1154=
BRINP1: p.Lys532Arg
LHY8: p.Arg169Ser
GRIN2: p.Trp384Arg
NTRK3: p.Leu544=
BARHL2: p.Asp204Tyr
NF2: p.Gly304Val
RTKN2: p.Trp384Arg
CD1C: p.Val224Leu
KRT71: p.Arg498Trp
SETD1B: p.Pro1338Leu
SGO1: p.Thr280Ser
TRIM6: p.Arg313Met
MRPL20: p.Lys58His
CDH10: p.Gln130I vs
SLC39A12: p.Thr637=
TTN: p.Pro1
STAM: p.Gln64Pro
CHRM2: p.Pro266His
LOC105377267: p.Ala305
IMPACT: p.Ile69Val
ADGRB3: p.Asp737Glu
NME8: p.Ser140Ter★
NOTCH1: p.Gly168Arg
AKAP9: p.Asp2350Gly
DNAH9: p.Phe1125=52Ala
ABCA8: p.Gly4
KMT2D: p.Gly39GlufsTer91
ZBBX: p.Ser226=
TXLNB: p.Leu425Gln
TP53: p.His179Arg
CHD3: p.Cys456Gly
NECTIN3: p.Leu416MetThr404Lys
NAV3: p.Gly1049Val★
PSG6: p.Arg266=★
ZNF236: p.Pro7A
IRS1: p.Gly480Ser
TRIM51: p.Glu264=
RDR: p.Pro6999=★
KMO: p.Gln398Lys
XYLT1: p.Arg598Cys
KIF23: p.Ala353Ser
SP140: p.Lys268Ter★
CREB3L2: p.Val62Leu
OR6C3: p.Ile273Val
TMEFF12: p.Ala187Gly
CD164L2: p.Ala69=
ETNPPL: p.KMO: p.Gln398Lys
CACNA1A: p.Pro1218His
SMARCA1: p.Ala187Gly
POLE: p.Ala565=8His
NDUFAF7: p.His869GlnfsTer
ERICH3: p.MEM132Gpp.Leu167Val
PDILT: p.Gly99=
NOP14: p.CAMK2B: p.Gln624Arg
REG3A: p.Val79Glu
FSD1: p.Leu4148
NCAPD: p.Ser1147Ter
TBCEL: p.Asp1397Asn
PAPPA2: p.Ala206His
HYAL4: p.Arg287Ser
ADNP: p.Leu212=
PTPRB: p.Gln1514Arg
VPS13D: p.Gln367Lys
GOL4A1: p.Lys947Glu
TRMT44: p.Arg461Ser
IGF2BP2: p.Ser385=
FAM71F1: p.Gln136Arg
ABTB1: p.Ala206His
TRMT44: p.Arg461Ser
ADNP: p.Leu212=
FAM71F1: p.Gln136Arg
ABTB1: p.Ala206His
TRMT44: p.Arg461Ser
ADNP: p.Leu212=

0.0 0.2 0.4 0.6 0.8 1.0

VAF of cn72C (CIS+AIS)

VAF of cn72P (Primary)