

Exon	Mutation	Nucleotide Change	Amino Acid Change	COSMIC ID
Exon 2	G12A	35G>C	Glycine (G) to Alanine (A)	522
	G12R	34G>C	Glycine (G) to Arginine (R)	518
	G12D	35G>A	Glycine (G) to Aspartic acid (D)	521
	G12C	34G>T	Glycine (G) to Cysteine (C)	516
	G12S	34G>A	Glycine (G) to Serine (S)	517
	G12V	35G>T	Glycine (G) to Valine (V)	520
	G13D	38G>A	Glycine (G) to Aspartic acid (D)	532
	G13C	37G>T	Glycine (G) to Cysteine (C)	527
	G13R	37G>C	Glycine (G) to Arginine (R)	529
Exon 3	Q61>K	181C>A	Glutamine (Q) to Lysine(K)	549
	Q61>L	182A>T	Glutamine (Q) to Leucine (L)	553
	Q61>R	182A>G	Glutamine (Q) to Arginine (R)	552
	Q61>H	183A>C/T	Glutamine (Q) to Histidine (H)	554 & 555
Exon 4	K117>N	351A>C/T	Lysine (K) to Asparagine (N)	19940 & 28519
	K117>R	350A>G	Lysine (K) to Arginine (R)	1178068
	K117>E	349A>G	Lysine (K) to Glutamate (E)	1360831
	A146>T	436G>A	Alanine (A) to Threonine (T)	19404
	A146>V	437C>T	Alanine (A) to Valine (V)	19900
	A146>P	436G>C	Alanine (A) to Proline(P)	19905