

## Mutations Detected by NuProbe qPCR/Sanger BRAF Assay

AA mutation	CDS mutation	COSMIC ID
p.G596Vfs*2	c.1787del	COSM36922
p.G596D	c.1787G>A	COSM26506
p.L597S	c.1789_1790delinsTC	COSM1126
p.L597V	c.1789C>G	COSM470
p.L597Q	c.1790T>A	COSM1125
p.L597R	c.1790T>G	COSM471
p.L597P	c.1790T>C	COSM1448593
p.A598T	c.1792G>A	COSM28505
p.A598V	c.1793C>T	COSM21549
p.T599dup	c.1794_1796dup	COSM30730
p.T599del	c.1794_1796del	COSM1169497
p.A598_T599insV	c.1794_1795insGTT	COSM26625
p.T599dup	c.1795_1797dup	COSM144982
p.A598_T599insI	c.1795_1796insTAA	COSM5881461
p.A598_T599insKKIGDFGLA	c.1795_1796insAAAAATAGGTGATTTTGGTCTAGCTA	COSM4172575
p.T599_V600delinsIK	c.1796_1799delinsTAAA	COSM1735763
p.T599I	c.1796C>T	COSM472
p.T599R	c.1796C>G	COSM4172020
p.T599_V600insTT	c.1797_1798ins?	COSM26459
p.T599_V600insTT	c.1797delinsTACTACG	COSM1128
p.V600R	c.1797_1799delinsGAG	COSM1127
p.V600_K601delinsEN	c.1797_1803delinsTGAGAAT	COSM4389226
p.T599_V600ins2	c.1798_1799ins6	COSM6005496
p.V600L	c.1798G>T	COSM33808
p.V600M	c.1798G>A	COSM1130
p.V600K	c.1798_1799delinsAA	COSM473
p.V600dup	c.1798_1800dup	COSM7351000
p.T599_V600insEAT	c.1798_1799insAGGCTACAG	COSM4166148
p.V600R	c.1798_1799delinsCG	COSM1583011
p.T599_V600insETT	c.1798_1799insAGACTACAG	COSM4172018
p.V600T	c.1798_1799inv	COSM5985086
p.V600R	c.1798_1799delinsAG	COSM474
p.V600Q	c.1798_1799delinsCA	COSM249889
p.V600L	c.1798G>C	COSM219798
p.V600A	c.1799T>C	COSM18443
p.V600E	c.1799_1800delinsAA	COSM475
p.V600E	c.1799T>A	COSM476
p.V600D	c.1799_1800delinsAT	COSM477
p.V600Efs*11	c.1799_1800del	COSM1168053
p.V600G	c.1799T>G	COSM6137
p.V600D	c.1799_1800delinsAC	COSM308550
p.V600_K601delinsE	c.1799_1801del	COSM1133
p.K601L	c.1801_1802inv	COSM6853796
p.K601E	c.1801A>G	COSM478
p.K601del	c.1801_1803del	COSM30594
p.K601Gfs*44	c.1801_1816del	COSM33764