

Cosmic ID      Nucleotide mutation      Amino acid substitution

**Neural**

none

**Proneural**

IDH1	28748	c.394C>A	p.R132S
IDH1	28747	c.394C>T	p.R132C
IDH2	34039	c.514A>T	p.R172W
NRAS	564	c.35G>A	p.G12D

**Mesenchymal**

EGFR	21687	c.866C>T	p.A289V
IDH1	28748	c.394C>A	p.R132S
IDH1	28747	c.394C>T	p.R132C
NF2	23667	c.1396C>T	p.R466*
NRAS	564	c.35G>A	p.G12D