

Sample	Gene	DNA	Amino Acid	VAF
1	IDH2	c.515G>A	p.Arg172Lys	0.46
2	IDH2	c.515G>T	p.Arg172Met	0.25
3	CIC	c.3438G>A	p.Trp1146*	0.18
3	CIC	c.7160dupA	p.His2387fs	0.11
3	IDH1	c.395G>A	p.Arg132His	0.36
3	NRAS	c.182A>G	p.Gln61Arg	0.08
4	CIC	c.3987delC	p.Thr1330fs	0.13
4	CIC	c.3985_3987delCCCinsG	p.Pro1329fs	0.13
4	IDH1	c.395G>A	p.Arg132His	0.42
4	PIK3CA	c.1637A>C	p.Gln546Pro	0.4
5	IDH1	c.395G>A	p.Arg132His	0.42
5	TP53	c.808T>A	p.Phe270Ile	0.46
6	ATRX	c.671delC	p.Ala224fs	0.59
6	IDH1	c.395G>A	p.Arg132His	0.37
6	TP53	c.742C>T	p.Arg248Trp	0.45
6	TP53	c.41dupT	p.Ser15fs	0.36
7	ATRX	c.6338_6341delTTAT	p.Phe2113fs	0.57
7	IDH1	c.395G>A	p.Arg132His	0.26
7	TP53	c.747G>T	p.Arg249Ser	0.62
8	ATRX	c.6338_6341delTTAT	p.Phe2113fs	0.88
8	IDH1	c.395G>A	p.Arg132His	0.44
8	TP53	c.747G>T	p.Arg249Ser	0.9
9	ATRX	c.2741_2744delCAAG	p.Ala914fs	0.31
9	IDH1	c.395G>A	p.Arg132His	0.42
9	TP53	c.742C>T	p.Arg248Trp	0.87
10	IDH1	c.395G>A	p.Arg132His	0.33
10	TP53	c.742C>T	p.Arg248Trp	0.2
10	TP53	c.584T>C	p.Ile195Thr	0.31
11	ATRX	c.3478_3479delGA	p.Glu1160fs	0.33
11	ATRX	c.1568C>G	p.Ser523*	0.05
11	ATRX	c.2669C>A	p.Ser890*	0.14
11	IDH1	c.395G>A	p.Arg132His	0.44
12	ATRX	c.5475delA	p.Lys1825fs	0.23
12	IDH1	c.395G>A	p.Arg132His	0.19
12	NF1	c.888+2T>C		0.05
12	TP53	c.838A>G	p.Arg280Gly	0.48
13	ATRX	c.5253delT	p.Gln1752fs	0.66
13	IDH1	c.395G>A	p.Arg132His	0.32
13	TP53	c.817C>T	p.Arg273Cys	0.69
16	EGFR	c.185T>G	p.Leu62Arg	0.96
16	PTEN	c.1003C>T	p.Arg335*	0.79
16	TP53	c.1023_1031dupCCGAGA	p.Leu344_Asn345ins	0.79
21	PIK3R1	c.1138_1140delTTA	p.Leu380del	0.37
21	TP53	c.688A>C	p.Thr230Pro	0.44
22	TP53	c.524G>A	p.Arg175His	0.3
22	TP53	c.517G>A	p.Val173Met	0.52

23	PTEN	c.522T>A	p.Tyr174*	0.81
23	RB1	c.2275dupG	p.Val759fs	0.67
23	TP53	c.632C>T	p.Thr211Ile	0.43
23	TP53	c.518T>C	p.Val173Ala	0.43
24	PTEN	c.277C>T	p.His93Tyr	0.25
25	TP53	c.993+2T>C		0.64
26	NF1	c.7909C>T	p.Arg2637*	0.52
26	PTEN	c.1027-2A>G		0.48
27	NF1	c.3114delG	p.Asn1039fs	0.85
28	PIK3R1	c.732_737delAAAACAins	p.Leu244fs	0.48
29	ATRX	c.3737-2A>G		0.95
30	PTEN	c.1113delC	p.Asp371fs	0.51

COSMIC Genomic Mutation ID

COSV57468734

COSV57468971

COSV61615239

COSV54736340

COSV61615239

COSV55875400

COSV61615239

COSV52744290

COSV61615239

COSV52662035

COSV64870806

COSV61615239

COSV52668882

COSV64870806

COSV61615239

COSV52668882

COSV61615239

COSV52662035

COSV61615239

COSV52662035

COSV52664264

COSV61615239

COSV61615239

COSV52662754

COSV61615239

COSV52662066

COSV51765770

COSV64288687

COSV57124262

COSV52678462

COSV52661038

COSV52677795

COSV52665474
COSV52679619
COSV64289544
COSV52703680
COSV62195872
COSV64293079