

Table S1 Summary of *PIK3CA* mutation in colorectal cancers

Exon	Nucleotide	AA mutation	Domain	Cases
9	c.1633G>A	p.E545K	Helical	11
9	c.1624G>A	p.E542K	Helical	8
9	c.1636C>G	p.Q546E	Helical	3
9	c.1637A>G	p.Q546R	Helical	3
9	c.1635G>C	p.E545D	Helical	1
9	c.1637A>C	p.Q546P	Helical	1
20	c.3140A>G	p.H1047R	Kinase	6
20	c.3140A>T	p.H1047L	Kinase	2
20	c.3139C>T	p.H1047Y	Kinase	1
20	c.3061T>C	p.Y1021H	Kinase	1
20	c.3085G>T	p.D1029Y	Kinase	1
20	c.3129G>A	p.M1043I	Kinase	1
4	c.1031T>G	p.V344G	C2	2
4	c.1049A>G	p.D350G	C2	1
4	c.1030G>A	p.V344M	C2	1
1	c.277C>T	p.R93W	ABD	1
1	c.263G>A	p.R88Q	ABD	1
1	c.112C>T	p.R38C	ABD	1
1	c.328_330delGAA	p.E109del	N/S	1
7	c.1258T>C	p.C420R	C2	1
13	c.2176G>A	p.E726K	N/S	1
5	c.1090G>A	p.G364R	C2	1

AA, amino acid; ABD, adapter binding domain; N/S, not specified.