



2	18	PIK3CA	178952090	3	G	C	Non-synonymous	c.G3145C	p.G1049R	-	-
2	22	PDGFRA	55152112	4	C	A	Non-synonymous	c.C2544A	p.N848K	-	-
2	31	-	-	-	-	-	-	-	-	-	-
2		JAK3	17945696	17	C	T	Non-synonymous	c.G2164A	p.V722I	-	0.0037
	39	PTEN	89692865	10	A	-	Frameshift deletion	c.349delA	p.N117fs	-	-
		EGFR	55221822	7	C	T	Non-synonymous	c.866T	p.A289V	-	-
		TP53	7578225	17	G	C	Non-synonymous	c.C228G	p.D76E	-	-
2	40	EGFR	55221822	7	C	T	Non-synonymous	c.866T	p.A289V	-	-
2		MET	116340262	7	A	G	Non-synonymous	c.A1124G	p.N375S	rs33917957	-
	45	EGFR	55221822	7	C	T	Non-synonymous	c.866T	p.A289V	-	-
		TP53	7579473	17	G	C	Non-synonymous	c.C214G	p.P72A	-	-
2	47	PTEN	89692829	10	T	G	Non-synonymous	c.T313G	p.C105G	-	-
2	28	PTEN	89720711	10	G	T	Stopgain	c.G862T	p.E288X	-	-
2		EGFR	55221822	7	C	T	Non-synonymous	c.866T	p.A289V	-	-
	3	FLT3	28608282	13	C	T	Non-synonymous	c.G1774A	p.V592I	rs75580865	-
2	48	CDH1	68847286	16	C	G	Non-synonymous	c.C1052G	p.A351G	-	-
2	35	PTPN11	112926910	12	G	T	Non-synonymous	c.G1530T	p.Q510H	-	-
3	49	TP53	7579358	17	C	A	Non-synonymous	c.G329T	p.R110L	-	-



3	36	PTEN	89711863	10	TCTGTCCA CCAGGGA G	-	Frameshift deletion	c.493_496d el	p.165_166d el	-	-
3		STK11	1223125	19	C	G	Non-synonymous	c.C1062G	p.F354L	rs59912467	-
	37	TP53	7579473	17	G	C	Non-synonymous	c.C214G	p.P72A	-	-
		TP53	7577548	17	C	T	Non-synonymous	c.G337A	p.P72R	-	-
3	38	ATM	108123551	11	C	T	Non-synonymous	c.C1810T	p.P604S	-	0.0032
3		ATM	108138003	11	T	C	Non-synonymous	c.T2572C	p.F858L	rs1800056	0.01
	23	FGFR3	1806131	4	T	C	Non-synonymous	c.T1150C	p.F384L	-	0.0018
		CDKN2	21971024	9	G	A	Non-synonymous	c.C334T	p.R112C	-	-
		PIK3CA	178952152	3	A	G	stoploss	c.A3207G	p.X1069W	-	-
4	42	APC	112175676	5	A	G	Non-synonymous	c.A4385G	p.K1462R	-	-
4	20	-	-	-	-	-	-	-	-	-	-
4	6	TP53	7579473	17	G	C	Non-synonymous	c.C214G	p.P72A	-	-
4	19	APC	112175676	5	A	G	Non-synonymous	c.A4385G	p.K1462R	-	-
4	25	MET	116340262	7	A	G	Non-synonymous	c.A1124G	p.N375S	rs33917957	0.02
4		RB1	48942685	13	C	T	Stopgain	c.C1072T	p.R358X	-	-
	30	PTEN	89692904	10	C	T	Stopgain	c.C388T	p.R130X	-	-
		TP53	7577099	17	C	G	Non-synonymous	c.G443C	p.R148T	-	-
4	41	PIK3CA	178916876	3	G	A	Non-synonymous	c.G263A	p.R88Q	-	-

		TP53	7579473	17	G	C	Non-synonymous	c.C214G	p.P72A	-	-
		TP53	7577120	17	C	T	Non-synonymous	c.G422A	p.R141H	-	0.0005
4		RB1	48942685	13	C	T	Stopgain	c.C1072T	p.R358X	-	-
	44	TP53	7577105	17	G	A	Non-synonymous	c.C437T	p.P146L	-	-

Abbreviations: JAK: Janus Kinase; PTEN: Phosphatase and Tensin Homolog; TP53: Tumour protein p53; EGFR: epidermal growth factor receptor; RB1: Retinoblastoma 1; MET: MET proto-oncogene; APC: Adenomatous polyposis coli; ATM: Ataxia telangiectasia mutated; STK11: Serine/threonine kinase 11; PIK3CA: phosphoinositide-3-kinase, catalytic, alpha; CDKN2: Cyclin-Dependent Kinase Inhibitor 2A; FGFR3: Fibroblast Growth Factor Receptor 3; FLT3: Fms-like tyrosine kinase 3; PTPN11: protein tyrosine phosphatase, non-receptor type 11; CDH1: Cadherin-1