

	Gene	Exons sequenced	Mutational Status	Allele frequency (%)	Coverage	Interpretation
Patient 1	ALK	22 - 25	wildtype			
	BRAF	11, 15	wildtype			
	CTNNB1	3	wildtype			
	EGFR	18 - 21	wildtype			
	ERBB2	8, 19, 20	wildtype			
	FGFR1	4 - 7, 10, 12 - 15	wildtype			
	FGFR2	6 - 15, 18	wildtype			
	FGFR2	8	wildtype			
	FGFR3	3, 7, 9, 10 (Codon 429 - 471), 12 (Codon 512-529), 14, 16, 18 (Codon 769-807)	wildtype			
	FGFR4	3, 6, 9, 12, 13 (Codon 556- 607), 15, 16	wildtype			
	IDH1	4	wildtype			
	IDH2	4	wildtype			
	KRAS	2 - 4	wildtype			
	MAP2K1	2, 3	wildtype			
	MET	14, 16 - 19	wildtype			
	NRAS	2 - 4	wildtype			
	PIK3CA	10, 21	wildtype			
	PTEN	1 - 8	EX5: c.389delG p.R130Qfs*4	57.11		truncated protein
	ROS1	34 - 41	wildtype			
	TP53	4 (Codon 97-125), 5, 6, 7, 8	EX5: c.490A>T p.K164*	45.59		truncated protein

	Gene	Exons sequenced	Mutational Status	Allele frequency (%)	Coverage	Interpretation
PDX1.1	ALK	22 - 25	wildtype			
	BRAF	11, 15	wildtype			
	CTNNB1	3	wildtype			
	EGFR	18 - 21	wildtype			
	ERBB2	8, 19, 20	wildtype			
	FGFR1	4 - 7, 10, 12 - 15	wildtype			
	FGFR2	6 - 15, 18	wildtype			
	FGFR2	8	wildtype			
	FGFR3	3, 7, 9, 10 (Codon 429 - 471), 12 (Codon 512-529), 14, 16, 18 (Codon 769-807)	wildtype			
	FGFR4	3, 6, 9, 12, 13 (Codon 556- 607), 15, 16	wildtype			
	IDH1	4	wildtype			
	IDH2	4	wildtype			
	KRAS	2 - 4	wildtype			
	MAP2K1	2, 3	wildtype			
	MET	14, 16 - 19	wildtype			
	NRAS	2 - 4	wildtype			
	PIK3CA	10, 21	wildtype			
	PTEN	1 - 8	EX5: c.389delG p.R130Qfs*4	99.11	16512	truncated protein
	ROS1	34 - 41	wildtype			
	TP53	4 (Codon 97-125), 5, 6, 7, 8	EX5: c.490A>T p.K164*	83.92	27332	truncated protein

	Gene	Exons sequenced	Mutational Status	Allele frequency (%)	Coverage	Interpretation
PDX 1.2	ALK	22 - 25	wildtype			
	BRAF	11, 15	wildtype			
	CTNNB1	3	wildtype			
	EGFR	18 - 21	wildtype			
	ERBB2	8, 19, 20	wildtype			
	FGFR1	4 - 7, 10, 12 - 15	wildtype			
	FGFR2	6 - 15, 18	wildtype			
	FGFR2	8	wildtype			
	FGFR3	3, 7, 9, 10 (Codon 429 - 471), 12 (Codon 512-529), 14, 16, 18 (Codon 769-807)	wildtype			
	FGFR4	3, 6, 9, 12, 13 (Codon 556- 607), 15, 16	wildtype			
	IDH1	4	wildtype			
	IDH2	4	wildtype			
	KRAS	2 - 4	wildtype			
	MAP2K1	2, 3	wildtype			
	MET	14, 16 - 19	wildtype			
	NRAS	2 - 4	wildtype			
	PIK3CA	10, 21	wildtype			
	PTEN	1 - 8	EX5: c.389delG p.R130Qfs*4	97.07	24345	truncated protein
	ROS1	34 - 41	wildtype			
	TP53	4 (Codon 97-125), 5, 6, 7, 8	EX5: c.490A>T p.K164*	72.79	19607	truncated protein

	Gene	Exons sequenced	Mutational Status	Allele frequency (%)	Coverage	Interpretation
Patient 7	ALK	22 - 25	wildtype			
	BRAF	11, 15	wildtype			
	CTNNB1	3	wildtype			
	EGFR	18 - 21	wildtype			
	ERBB2	8, 19, 20	wildtype			
	FGFR1	4 - 7, 10, 12 - 15	wildtype			
	FGFR2	6 - 15, 18	EX7: c.870G>C p.W290C	21.13	6893	activating
	FGFR2	8	wildtype			
	FGFR3	3, 7, 9, 10 (Codon 429 - 471), 12 (Codon 512-529), 14, 16, 18 (Codon 769-807)	wildtype			
	FGFR4	3, 6, 9, 12, 13 (Codon 556- 607), 15, 16	wildtype			
	IDH1	4	wildtype			
	IDH2	4	wildtype			
	KRAS	2 - 4	wildtype			
	MAP2K1	2, 3	wildtype			
	MET	14, 16 - 19	wildtype			
	NRAS	2 - 4	wildtype			
	PIK3CA	10, 21	wildtype			
	PTEN	1 - 8	EX8: c.860C>G p.S287*	31.89	1364	likely non functional, (https://oncokb.org/)
	ROS1	34 - 41	wildtype			
	TP53	4 (Codon 97-125), 5, 6, 7, 8	EX7: c.731G>T p.G244V	10.79	4596	non functional, (http://p53.iarc.fr/TP53GeneVariations.aspx)

	Gene	Exons sequenced	Mutational Status	Allele frequency (%)	Coverage	Interpretation
PDX 7	ALK	22 - 25	wildtype			
	BRAF	11, 15	wildtype			
	CTNNB1	3	wildtype			
	EGFR	18 - 21	wildtype			
	ERBB2	8, 19, 20	wildtype			
	FGFR1	4 - 7, 10, 12 - 15	wildtype			
	FGFR2	6 - 15, 18	wildtype			
	FGFR2	8	wildtype			
	FGFR3	3, 7, 9, 10 (Codon 429 - 471), 12 (Codon 512-529), 14, 16, 18 (Codon 769-807)	wildtype			
	FGFR4	3, 6, 9, 12, 13 (Codon 556- 607), 15, 16	wildtype			
	IDH1	4	wildtype			
	IDH2	4	wildtype			
	KRAS	2 - 4	wildtype			
	MAP2K1	2, 3	wildtype			
	MET	14, 16 - 19	wildtype			
	NRAS	2 - 4	wildtype			
	PIK3CA	10, 21	wildtype			
	PTEN	1 - 8	EX8: c.860C>G p.S287*	66.19	9529	likely non functional, (https://oncokb.org/)
	ROS1	34 - 41	wildtype			
	TP53	4 (Codon 97-125), 5, 6, 7, 8	EX7: c.731G>T p.G244V	97.99	9585	non functional, (http://p53.iarc.fr/TP53GeneVariations.aspx)