

Panel Archer® FUSIONPlex® CTL (Comprehensive Thyroid & Lung)

Gène	Référence NM	Exons	Type
AKT1	NM_005163	Exon 3	Mutation
ALK	NM_004304	Exons 21, 22, 23, 25	Mutation
ALK	NM_004304	Exons 2, 4, 6, 10, 16, 17, 18, 19, (intron19) 20, 21, 22, 23	Fusion/Expression/Imbalance
AXL	NM_001699	Exons 18, 19, 20	Expression
BRAF	NM_004333	Exons 11, 15	Mutation
BRAF	NM_004333	Exons 7, 8, 9, 10, 11	Fusion/Expression
CALCA	NM_001741		Expression
CCND1	NM_053056	Exons 1, 2, 3, 4	Fusion/Expression
CTNNB1	NM_001904	Exon 3	Mutation
DDR2	NM_006182	Exon 17	Mutation
EGFR	NM_005228	Exons 8	Fusion
EGFR	NM_005228	Exons 18, 19, 20, 21	Mutation
ERBB2	NM_004448	Exon 20	Mutation
FGFR1	NM_015850	Exons 2, 8, 9, 10, 17	Fusion/Expression
FGFR1	NM_015850	Exon 13	Mutation
FGFR2	NM_000141	Exons 2, 5, 7, 8, 9, 10	Fusion/Expression
FGFR3	NM_000142	Exons 3, 5, 8, 9, 10, 17, (intron 17)	Fusion/Expression
GNAS	NM_000516	Exons 8, 9	Mutation
HRAS	NM_005343	Exons 2, 3	Mutation
IDH1	NM_005896	Exon 4	Mutation
IDH2	NM_002168	Exon 4	Mutation
KRAS	NM_004985	Exons 2, 3, 4	Mutation
KRT20	NM_019010		Expression
KRT7	NM_005556		Expression
MAP2K1	NM_002755	Exons 2, 3	Mutation
MET	NM_000245	Exon 15	Mutation
MET	NM_000245	Exons 2, 4, 5, 6, 13, 14, 16, 17, 21	Fusion/Expression
NRAS	NM_002524	Exons 2, 3	Mutation
NRG1	NM_004495	Exons 1, 2, 3, 6	Fusion
NTRK1	NM_002529	Exons 2, 4, 6, 8, 10, 11, 12, 13	Fusion/Expression/Imbalance
NTRK2	NM_006180	Exons 5, 7, 9, 11, 12, 13, 14, 15, 16, 17	Fusion/Expression/Imbalance
NTRK3	NM_002530	4, 7, 10, 13, 14, 15, 16	Fusion/Expression/Imbalance
PIK3CA	NM_006218	Exons 10, 21	Mutation
PPARG	NM_015869	Exons 1, 2, 3, 5	Fusion
PTH	NM_000315		Expression
RAF1	NM_002880	Exons 4, 5, 6, 7, 9, 10, 11, 12	Fusion
RET	NM_020630	Exons 11, 13, 14, 15, 16	Mutation
RET	NM_020630	Exons 2, 4, 6, 8, 9, 10, 11, 12, 13, 14	Fusion/Expression/Imbalance
ROS1	NM_002944	Exon 38	Mutation
ROS1	NM_002944	Exons 2, 4, 7, 31, 32, 33, 34, 35, 36, 37	Fusion/Expression/Imbalance
SLC5A5	NM_000453		Expression
THADA	NM_022065	Exons 24, 25, 26, 27, 28, 29, 30, 36, 37	Fusion/Expression