



APL Molecular Pathology Custom ThyroSPEC™ Panel

Point Mutations - Gene Name	Gene Fusion
AKT1	EML4/ALK
BRAF	STRN/ALK
CTNNB1	AGK/BRAF
DICER1	AKAP/BRAF
EGFR	SND1/BRAF
EIF1AX	TFG/NTRK1
EZH1	TPM3/NTRK1
HRAS	TPM3/NTRK1
IDH1	TPR/NTRK1
KRAS	ETV6/NTRK3
NRAS	SQSTM1/NTRK3
PIK3CA	CRTC1/MAML2
PTEN	PAX8/PPARG
RET	PAX8/PPARG
SPOP	PAX8/PPARG
TERT	PAX8/PPARG
TP53	PAX8/PPARG
TSHR	TMEM233/PRKAB1
	RET/PTC1
	RET/PTC2
	RET/PTC3
	RET/PTC5
	RPS2P32/THADA
	IGF2BP3/THADA

Contact Information

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References

ThyroSPEC™ is a proprietary mutation panel designed for thyroid tumours, invented by Dr. Ralf Paschke and Dr. Markus Eszlinger. Drs. Paschke and Eszlinger control the intellectual property covering this invention, including the ThyroSPEC™ trademark, methodologic trade secrets, proprietary validation data, and a related patent pertaining to a specific kind of FNAC extraction.