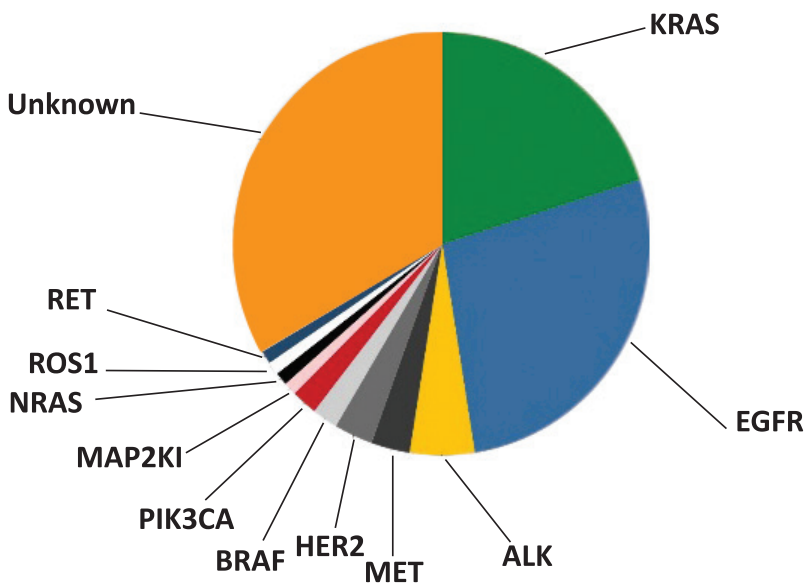


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Take informed decisions in the management of your patients of NSCLC



Single-Driver Mutations in NSCLC

Lovly C, et al. <http://www.mycancergenome.org/content/disease/lung-cancer>

Cancer Hotspot Somatic Lung Plus Panel
By Next Generation Sequencing

India's Leading Super Specialised Laboratory Network

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Cancer Hotspot Somatic Lung Plus Panel

► NCCN recommends broader molecular profiling covering the following drugs:

Gene	Drugs
EGFR mutations	Gefitinib, Erlotinib, Afatinib
ALK rearrangement	Crizotinib
BRAF V600E	Vemurafenib, Dabrafenib
MET amplification	Crizotinib
ROS1 rearrangement	Crizotinib
HER2/neu mutation	Trastuzumab, Afatinib
RET rearrangement	Cabozantinib

► Cancer Lung Plus panel covers these genes to guide therapy:

ABL1	EGFR	GNAS	KRAS	PTPN11
AKT1	ERBB2	GNAQ	MET	RB1
ALK	ERBB4	HNF1A	MLH1	RET
APC	EZH2	HRAS	MPL	SMAD4
ATM	FBXW7	IDH1	NOTCH1	SMARCB1
BRAF	FGFR1	JAK2	NPM1	SMO
CDH1	FGFR2	JAK3	NRAS	SRC
CDKN2A	FGFR3	IDH2	PDGFRA	STK11
CSF1R	FLT3	KDR	PIK3CA	TP53
CTNNB1	GNA11	KIT	PTEN	VHL
ALK Rearrangement by FISH		ROS 1 Rearrangement by FISH		MET Amplification by FISH

Test Details

Test Code	Test Name	Technique	Specimen	TAT / Reported on
SP10124	NGS lung plus Panel	Next Generation Sequencing + FISH	FFPE tissue block	21 working days

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