

Fusion STAMP Gene List

Stanford Tumor Actionable Mutation Panel for Fusions

Stanford Healthcare & Stanford Children's EPIC Order Codes: LABFSTAMP (Non-blood)

The Stanford Tumor Actionable Mutation Panel for Fusions (Fusion STAMP) is a next generation sequencing (NGS) assay that detects potentially clinically actionable structural rearrangement events in cancers. The targeted sequencing approach and integrated bioinformatics workflow is optimized for sequencing of formalin fixed tumor tissue specimens.

This panel fully targets the transcript isoforms of 43 genes selected based on their known impact as actionable targets of existing and emerging anti-cancer therapies, their prognostic features, and/or their utility as diagnostic cancer biomarkers.

Fusions involving the following genes are covered by this assay:

ALK	MYB
ATF1	NAB2
BCOR	NCOA2
BRAF	NRG1
CAMTA1	NTRK1
CCNB3	NTRK2
CIC	NTRK3
COL1A1	PAX3
DDIT3	PAX7
EGFR	PDGFB
ERG	PHF1
ETV6	PPARG
EWSR1	RAF1
FGFR1	RET
FGFR2	ROS1
FGFR3	SS18
FLI1	SSX1
FOXO1	STAT6
FUS	TFE3
HMGA2	USP6
MET	WT1
	YWHAE