

Genliste Oncomine™ Focus Assay Panel (OFA)
Mutationen

AKT1 Hotspot, Exon 3 NM_001014431.2	ALK Hotspot, Exon 21-25, 29 NM_004304.5	AR Hotspot, Exone 6, 8 NM_000044.6	BRAF Hotspot, Exone 11, 15 NM_004333.6	CDK4 Hotspot, Exon 2 NM_000075.4	CTNNB1 Hotspot, Exon 3 NM_001904.4
DDR2 Hotspot, Exon 5 NM_006182.4	EGFR Hotspot, Exone 3, 7, 12, 15, 18-21 NM_005228.5	ERBB2 Hotspot, Exone 8, 17-22 NM_004448.3	ERBB3 Hotspot, Exone 2, 3, 6, 8, 9 NM_001982.3	ERBB4 Hotspot, Exon 18 NM_005235.3	ESR1 Hotspot, Exon 9 NM_001122740.1
FGFR2 Hotspot, Exone 7-9, 12, 14 NM_000141.4	FGFR3 Hotspot, Exone 7, 9, 14, 16 NM_000142.4	GNA11 Hotspot, Exone 4, 5 NM_002067.5	GNAQ Hotspot, Exone 4, 5 NM_002072.5	HRAS Hotspot, Exone 2, 3 NM_001130442.2	IDH1 Hotspot, Exon 4 NM_005896.3
IDH2 Hotspot, Exon 4 NM_002168.3	JAK1 Hotspot, Exone 14-16 NM_002227.4	JAK2 Hotspot, Exone 14 NM_004972.3	JAK3 Hotspot, Exone 11, 12, 15 NM_000215.3	KIT Hotspot, Exone 8, 9, 10, 11, 13, 17 NM_000222.2	KRAS Hotspot, Exone 2-4 NM_033360.4
MAP2K1 Hotspot, Exone 2, 3, 6 NM_002755.3	MAP2K2 Hotspot, Exon 2 NM_030662.3	MET Hotspot, Exone 14, 16, 19 NM_001127500.3	MTOR Hotspot, Exone 30, 39, 40, 43, 47, 53 NM_004958.4	NRAS Hotspot, Exone 2-4 NM_002524.5	PDGFRA Hotspot, Exone 7, 12, 14, 18 NM_006206.6
PIK3CA Hotspot, Exone 2, 5, 6, 8, 10, 14, 19, 21 NM_006218.4	RAF1 Hotspot, Exone 7, 12 NM_002880.3	RET Hotspot, Exone 10, 11, 13, 15, 16 NM_020975.6	ROS1 Hotspot, Exone 36, 38 NM_002944.2	SMO Hotspot, Exone 4, 6, 8, 9 NM_005631.5	

Kopienzahlvariationen (CNAs)

ALK	AR	BRAF	CCND1	CDK4	CDK6
EGFR	ERBB2	FGFR1	FGFR2	FGFR3	FGFR4
KIT	KRAS	MET	MYC	MYCN	PDGFRA
PIK3CA					

Fusionen/Translokationen

ABL1	AKT3	ALK	AXL	BRAF	EGFR
ERBB2	ERG	ETV1	ETV4	ETV5	FGFR1
FGFR2	FGFR3	MET	NTRK1	NTRK2	NTRK3
PDGFRA	PPARG	RAF1	RET	ROS1	