

Genliste Oncomine™ Compr. Assay v3 (OCA)
Mutationen

AKT1	AKT2	AKT3	ALK	AR	ARAF
Hotspot, Exone 3, 4, 11 NM_001014431.2	Hotspot, Exone 3, 11 NM_001626.6	Hotspot, Exone 3, 4, 11 NM_005465.7	Hotspot, Exone 21-26 NM_004304.5	Hotspot, Exone 4, 6, 8 NM_000044.6	Hotspot, Exon 7 NM_001654.5
ARID1A	ATM	ATR	ATRX	AXL	BAP1
full	full	full	full	Hotspot, Exone 7, 9, 13 NM_021913.5	full
BRAF	BRCA1	BRCA2	BTK	CBL	CCND1
Hotspot, Exone 11, 12, 13, 14, 15 NM_004333.6	full	full	Hotspot, Exone 7, 15 NM_000061.3	Hotspot, Exone 8, 9 NM_005188.4	Hotspot, Exone 1, 5 NM_053056.3
CDK12	CDK4	CDK6	CDKN1B	CDKN2A	CDKN2B
full	Hotspot, Exon 2 NM_000075.4	Hotspot, Exon 2 NM_001145306.2	full	full	full
CHEK1	CHEK2	CREBBP	CSF1R	CTNNB1	DDR2
full	Hotspot, Exone 11, 15 NM_007194.4	full	Hotspot, Exon 7, 22 NM_005211.3	Hotspot, Exon 3, 7 NM_001904.4	Hotspot, Exon 5, 8, 15-17 NM_006182.4
EGFR	ERBB2	ERBB3	ERBB4	ERCC2	ESR1
Hotspot, Exon 3, 7, 12, 15, 18-23 NM_005228.5	Hotspot, Exone 8, 17-22 NM_004448.4	Hotspot, Exone 2, 3, 6-9, 23 NM_001982.4	Hotspot, Exone 18, 20, 28 NM_005235.3	Hotspot, Exone 3, 5, 8, 15, 21 NM_000400.4	Hotspot, Exone 2, 4-6, 8, 9 NM_001122740.2
EZH2	FANCA	FANCD2	FANCI	FBXW7	FGFR1
Hotspot, Exone 16, 18 NM_004456.5	full	full	full	full	Hotspot, Exone 5, 13, 15 NM_001174067.1
FGFR2	FGFR3	FGFR4	FLT3	FOXL2	GATA2
Hotspot, Exone 6-10, 12-16, 18 NM_000141.5	Hotspot, Exone 4, 7, 9, 10, 14, 15, 16 NM_000142.5	Hotspot, Exone 12, 13 NM_213647.3	Hotspot, Exone 3, 20 NM_004119.3	Hotspot, Exon 1 NM_023067.4	Hotspot, Exone 4-6 NM_032638.5
GNA11	GNAQ	GNAS	H3F3A	HIST1H3B	HNF1A
Hotspot, Exone 4, 5 NM_002067.5	Hotspot, Exone 4, 5 NM_002072.5	Hotspot, Exone 8, 9 NM_000516.7	Hotspot, Exon 2 NM_002107.6	Hotspot, Exon 1 NM_003537.3	Hotspot, Exone 2, 3 NM_000545.8
HRAS	IDH1	IDH2	JAK1	JAK2	JAK3
Hotspot, Exone 2, 3	Hotspot, Exon 4	Hotspot, Exon 4	Hotspot, Exone 14-16	Hotspot, Exon 14	Hotspot, Exone 11, 12, 15

NM_001130442.2	NM_005896.4	NM_002168.4	NM_002227.4	NM_004972.4	NM_000215.4
KDR	KIT	KNSTRN	KRAS	MAGOH	MAP2K1
Hotspot, Exone 11, 23, 24 NM_002253.3	Hotspot, Exone 8-11, 13-15, 17, 18 NM_000222.3	Hotspot, Exon 1 NM_033286.3	Hotspot, Exone 2-6 NM_033360.4	Hotspot, Exon 5 NM_002370.4	Hotspot, Exon 2,3, 6, 11 NM_002755.4
MAP2K2	MAP2K4	MAPK1	MAX	MDM4	MED12
Hotspot, Exon 2 NM_030662.4	Hotspot, Exone 4, 5 NM_003010.4	Hotspot, Exon 7 NM_002745.5	Hotspot, Exon 4 NM_002382.5	Hotspot, Exon 6 NM_002393.5	Hotspot, Exone 2, 26 NM_005120.3
MET	MLH1	MRE11	MSH2	MSH6	MTOR
Hotspot, Exone 2, 14-17, 19- 21 NM_001127500.3	full	full	full	full	Hotspot, Exone 29-31, 39, 40, 43, 44, 47, 48, 53, 56, 57 NM_004958.4
MYC	MYCN	MYD88	NBN	NF1	NF2
Hotspot, Exone 1-2 NM_002467.6	Hotspot, Regulatory Elm. NM_005378.6	Hotspot, Exone 3, 5 NM_002468.5	full	full	full
NFE2L2	NOTCH1	NOTCH2	NOTCH3	NRAS	NTRK1
Hotspot, Exon 2 NM_006164.5	full	full	full	Hotspot, Exone 2-4 NM_002524.5	Hotspot, Exone 3, 8, 11, 14, 15, 17 NM_002529.3
NTRK2	NTRK3	PALB2	PDGFRA	PDGFRB	PIK3CA
Hotspot, Exone 16, 17 NM_006180.6	Hotspot, Exone 16, 17 NM_001012338.2	full	Hotspot, Exone 12, 14, 18 NM_006206.6	Hotspot, Exon 23 NM_002609.4	Hotspot, Exone 2, 3, 5, 8, 10, 14, 21 NM_006218.4
PIK3CB	PIK3R1	PMS2	POLE	PPP2R1A	PTCH1
Hotspot, Exone 3, 9, 13, 24 NM_006219.3	full	full	full	Hotspot, Exone 5, 6 NM_014225.6	full
PTEN	PTPN11	RAC1	RAD50	RAD51	RAD51B
full	Hotspot, Exone 3, 13 NM_002834.5	Hotspot, Exon 2 NM_018890.4	full	full	full
RAD51C	RAD51D	RAF1	RB1	RET	RHEB
full	full	Hotspot, Exon 7, 12 NM_002880.4	full	Hotspot, Exone 10, 11, 13- 16 NM_020975.6	Hotspot, Exon 2 NM_005614.4
RHOA	RNF43	ROS1	SETD2	SF3B1	SLX4
Hotspot, Exon 2 NM_001664.4	full	Hotspot, Exone 36-39, 41, 42	full	Hotspot, Exone 14-16 NM_012433.4	full

		NM_002944.3			
SMAD4	SMARCA4	SMARCB1	SMO	SPOP	SRC
Hotspot, Exone 9, 10, 12 NM_005359.6	full	full	Hotspot, Exone 3-6, 9, 11 NM_005631.5	Hotspot, Exone 4, 5 NM_001007228.2	Hotspot, Exon 12 NM_198291.3
STAT3	STK11	TERT	TOP1	TP53	TSC1
Hotspot, Exone 13, 20, 21 NM_139276.3	full	Hotspot, Exone 1, 2 NM_198253.3	Hotspot, Exon 20 NM_003286.4,	full	full
TSC2	U2AF1	XPO1			
full	Hotspot, Exon 2, 7 NM_006758.3	Hotspot, Exon 15 NM_003400.4			

Kopienzahlvariationen (CNAs)

AKT1	AKT2	AKT3	ALK	AR	AXL
BRAF	CCND1	CCND2	CCND3	CCNE1	CDK2
CDK4	CDK6	EGFR	ERBB2	ESR1	FGF3
FGF19	FGFR1	FGFR2	FGFR3	FGFR4	FLT3
IGF1R	KIT	KRAS	MDM2	MDM4	MET
MYC	MYCL	MYCN	NTRK1	NTRK2	NTRK3
PDGFRA	PDGFRB	PIK3CA	PIK3CB	PPARG	RICTOR
TERT					

Fusionen

AKT2	ALK	AR	AXL	BRCA1	BRCA2
BRAF	CDKN2A	EGFR	ERBB2	ERBB4	ERG
ESR1	ETV1	ETV4	ETV5	FGFR1	FGFR2
FGFR3	FGR	FLT3	JAK2	KRAS	MDM4
MET	MYB	MYBL1	NF1	NOTCH1	NOTCH4
NRG1	NTRK1	NTRK2	NTRK3	NUTM1	PDGFRA
PDGFRB	PIK3CA	PRKACA	PRKACB	PTEN	PPARG
RAD51B	RAF1	RB1	RELA	RET	ROS1

RSPO2	RSPO3	TERT			
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