

Dokumentenart: Liste

Geltungsbereich: Institut für Pathologie & Molekularpathologie

Zielgruppen: Alle Mitarbeitenden

## 34. Genliste Oncomine cf Precision Assay (sensitiver workflow)

### Mutationen

<b>AKT1</b>	<b>AKT2</b>	<b>AKT3</b>	<b>ALK</b>	<b>AR</b>	<b>ARAF</b>
HotSpot, Exone 3-4 NM_001014431.2	Hotspot, Exone 3, 11 NM_001626.6	Hotspot, Exone 3-4 NM_005465.7	Hotspot, Exone (2), 21-26, (27), 29 NM_004304.5	Hotspot, Exone 4-6, (7), 8 NM_000044.6	Hotspot, Exon 7 NM_001654.5
<b>BRAF</b>	<b>CDK4</b>	<b>CDKN2A</b>	<b>CHEK2</b>	<b>CTNNB1</b>	<b>EGFR</b>
Hotspot, Exone 11, 15 NM_004333.6	Hotspot, Exon 2 NM_000075.4	Hotspot, Exon 2 NM_001195132.1	Hotspot, Exone 11, 15 NM_007194.4	Hotspot, Exone 3, 7 NM_001904.4	Hotspot, Exone 3, 7, (11), 12, 15, 18-21, (24-26) NM_005228.5
<b>ERBB2</b>	<b>ERBB3</b>	<b>ERBB4</b>	<b>ESR1</b>	<b>FGFR1</b>	<b>FGFR2</b>
Hotspot, Exone 8, (9, 12), 17-22, (25) NM_004448.3	Hotspot, Exone 2-3, (4), 7-9, (14, 16, 20, 26) NM_001982.3	Hotspot, Exon 18 NM_005235.3	Hotspot, Exon 5-6, 8-9 NM_001122740.1	Hotspot, Exon (1-3, 5, 8, 11, 13), 14-15 NM_001174067.1	Hotspot, Exone (5), 7-9, 12-15, (18) NM_000141.4
<b>FGFR3</b>	<b>FGFR4</b>	<b>FLT3</b>	<b>GNA11</b>	<b>GNAQ</b>	<b>GNAS</b>
Hotspot, Exone (3), 7, 9, 13-16 NM_000142.4	Hotspot, Exon 13 NM_00213647.3	Hotspot, Exon 20 NM_004119.3	Hotspot, Exone 4-5 NM_002067.5	Hotspot, Exone 4-5 NM_002072.5	Hotspot, Exone 8-9 NM_000516.6
<b>HRAS</b>	<b>IDH1</b>	<b>IDH2</b>	<b>KIT</b>	<b>KRAS</b>	<b>MAP2K1</b>
Hotspot, Exone 2-3 NM_001130442.2	Hotspot, Exone 4, (6), 7 NM_005896.3	Hotspot, Exone 4, 7 NM_002168.3	Hotspot, Exone 8-11, 13-14, 17-18 NM_000222.2	Hotspot, Exone 2-4, (6) NM_033360.4	Hotspot, Exone 2-3, 6 NM_002755.3
<b>MAP2K2</b>	<b>MET</b>	<b>MTOR</b>	<b>NTRK1</b>	<b>NTRK2</b>	<b>NTRK3</b>
Hotspot, Exon 2-3 NM_030662.3	Hotspot, Exone (3, 5, 6, 9, 10, 12), 14, 16, (18) NM_001127500.3	Hotspot, Exone 30, 39-40, 43, 45, 47, 53 NM_004958.4	Hotspot, Exone 14-15 NM_002529.3	Hotspot, Exone 18-19 NM_006180.5	Hotspot, Exone 16-17 NM_001012338.2
<b>NRAS</b>	<b>PDGFRA</b>	<b>PIK3CA</b>	<b>PTEN</b>	<b>RAF1</b>	<b>RET</b>
Hotspot, Exone 2-4 NM_002524.5	Hotspot, Exone 11-12, 14, 18 NM_006206.6	Hotspot, Exone 2-3, 5,	Hotspot, Exone 1-2, 4-9 NM_000314.8	Hotspot, Exon 7 NM_002880.3	Hotspot, Exone 10-11, 13-16 NM_020975.6

		(6), 8, 10, (11, 20), 21 NM_006218.4			
<b>ROS1</b>	<b>SMO</b>	<b>TP53</b>			
Hotspot, Exone 36-38 NM_002944.2	Hotspot, Exone 6, 8-9 NM_005631.5	Hotspot, Exone 5-8 NM_000546.5			

### Kopienzahlvariationen (CNAs)

ALK	AR	CD274	CDKN2A	EGFR	ERBB2	ERBB3
FGFR1	FGFR2	FGFR3	KRAS	MET	PIK3CA	PTEN

### Fusionen/Translokationen (Fusionspartner sind nicht gelistet)

ALK	BRAF	ESR1	FGFR1	FGFR2	FGFR3
MET	NRG1	NTRK1	NTRK2	NTRK3	NUTM1
RET	ROS1	RSPO2	RSPO3		

### Intra-genic Fusionen

AR	EGFR	MET			
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