

**Genliste Oncomine™ Pan Cancer cfNA**

**Mutationen**

<b>AKT1</b>	<b>ALK</b>	<b>AR</b>	<b>ARAF</b>	<b>BRAF</b>	<b>CHEK2</b>
Hotspot	Hotspot	Hotspot	Hotspot	Hotspot	Hotspot
<b>CTNNB1</b>	<b>DDR2</b>	<b>EGFR</b>	<b>ERBB2</b>	<b>ERBB3</b>	<b>ESR1</b>
Hotspot	Hotspot	Hotspot	Hotspot	Hotspot	Hotspot
<b>FGFR1</b>	<b>FGFR2</b>	<b>FGFR3</b>	<b>FGFR4</b>	<b>FLT3</b>	<b>GNA11</b>
Hotspot	Hotspot	Hotspot	Hotspot	Hotspot	Hotspot
<b>GNAQ</b>	<b>GNAS</b>	<b>HRAS</b>	<b>IDH1</b>	<b>IDH2</b>	<b>KIT</b>
Hotspot	Hotspot	Hotspot	Hotspot	Hotspot	Hotspot
<b>KRAS</b>	<b>MAP2K1</b>	<b>MAP2K2</b>	<b>MET</b>	<b>MTOR</b>	<b>NRAS</b>
Hotspot	Hotspot	Hotspot	Hotspot	Hotspot	Hotspot
<b>NTRK1</b>	<b>NTRK3</b>	<b>PDGFRA</b>	<b>PIK3CA</b>	<b>RAF1</b>	<b>RET</b>
Hotspot	Hotspot	Hotspot	Hotspot	Hotspot	Hotspot
<b>ROS1</b>	<b>SF3B1</b>	<b>SMAD4</b>	<b>SMO</b>		
Hotspot	Hotspot	Hotspot	Hotspot		

**Tumorsuppressor-Gene**

<b>APC</b>	<b>FBXW7</b>	<b>PTEN</b>	<b>ARAF</b>	<b>TP53</b>	
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**Kopienzahlvariationen (CNAs)**

<b>CCND1</b>	<b>CCND2</b>	<b>CCND3</b>	<b>CDK4</b>	<b>CDK6</b>	<b>EGFR</b>
<b>ERBB2</b>	<b>FGFR1</b>	<b>FGFR2</b>	<b>FGFR3</b>	<b>MET</b>	<b>MYC</b>

**Fusionen**

<b>ALK</b>	<b>BRAF</b>	<b>ERG</b>	<b>ETV1</b>	<b>FGFR1</b>	<b>FGFR2</b>
<b>FGFR3</b>	<b>MET</b>	<b>NTRK1</b>	<b>NTRK3</b>	<b>RET</b>	<b>ROS1</b>