

Gene panel CRC*, version 6b, 15-11-2025

ONCO22 enrichment kit

Aanvraag alleen in overleg met klinisch geneticus!



HGNC approved gene symbol	Transcript	OMIM gene ID	Technique#	% covered >10x	% covered >20x	% covered >30x
<i>APC</i>	NM_000038.5	611731	NGS	100	100	100
<i>AXIN2</i>	NM_004655.3	604025	NGS	100	100	100
<i>BMPR1A</i> ***	NM_004329.2	601299	NGS	100	100	100
<i>EPCAM</i>	NM_002354.3	185535	only CNV	100	100	100
<i>GREM1-dup</i> **	not applicable	603054	only CNV	100	100	100
<i>MBD4</i> ***	NM_001276270.1	603574	NGS	100	100	100
<i>MCM8</i> ***	NM_032485.5	608187	NGS	100	100	100
<i>MCM9</i> ***	NM_017696.2	610098	NGS	100	100	100
<i>MLH1</i>	NM_000249.3	120436	NGS	100	100	100
<i>MLH3</i>	NM_001040108.1	604395	NGS	100	100	100
<i>MSH2</i>	NM_000251.2	609309	NGS	100	100	100
<i>MSH3</i>	NM_002439.4	600887	NGS	100	100	100
<i>MSH6</i>	NM_000179.2	600678	NGS	100	100	100
<i>MUTYH</i>	NM_001128425.1	604933	NGS	100	100	100
<i>NTHL1</i>	NM_002528.5	602656	NGS	100	100	100
<i>PMS2</i>	NM_000535.5	600259	NGS	100	100	100
<i>PMS2CL</i>	NR_002217.6	na	NGS	100	100	100
	NM_002691.3					
<i>POLD1</i>	(exon 8_12)	174761	only seq	100	100	100
	NM_006231.2					
<i>POLE</i>	(exon 9_14)	174762	only seq	100	100	100
<i>PTEN</i>	NM_000314.4	608309	NGS	100	100	100
<i>RNF43</i> ***	NM_017763.4	612482	NGS	100	100	100
<i>RPS20</i> ***	NM_001023.3	603682	NGS	100	100	100
<i>SMAD4</i> ***	NM_005359.5	600993	NGS	100	100	100
<i>STK11</i>	NM_000455.4	602216	NGS	100	100	100

* Colon and Rectum carcinoma

Next Generation Sequencing of coding sequences (+ flanking intronic sequences) and Copy Number Variant (CNV) analysis

** the GREM1 upstream region, associated with HMPS1

*** in panel since 15-nov-2025