

REQUESTS ONLY BY CLINICAL GENETICISTS

| HGNC approved gene symbol | Transcript | OMIM gene ID | median depth | % covered >10x | % covered >20x | % covered >30x | % covered >50x |
|------------------------------|------------------------|-----------------|-----------------|-------------------|-------------------|-------------------|-------------------|
| <i>APC</i> ** | NM_000038.5 | 611731 | 360 | 100 | 100 | 100 | 100 |
| <i>AXIN2</i> | NM_004655.3 | 604025 | 132 | 100 | 100 | 100 | 100 |
| <i>CHEK2</i> | NM_0007194.3 | 604373 | 85 | 57 | 57 | 57 | 57 |
| <i>MLH3</i> | NM_001040108.1 | 604395 | 313 | 100 | 100 | 100 | 100 |
| <i>MUTYH</i> ** | NM_001128425.1 | 604933 | 152 | 100 | 100 | 100 | 100 |
| <i>NTHL1</i> | NM_002528.5, exon 2 | | | Sanger sequencing | | | |
| <i>POLE</i> | NM_006231.2, exon 9_14 | 174762 | | Sanger sequencing | | | |
| <i>POLD1</i> | NM_002691.3, exon 8_12 | 174761 | | Sanger sequencing | | | |

*Polyposis coli, adenomatous

**Core genes

MLPA for APC, MUTYH and GREM1 is included in the POLYP panel.