

| Genes | Breast | Ovarian | Uterine | Colorectal | Melanoma | Pancreatic | Gastric | Prostate | Other |
|-------------------|--------|---------|---------|------------|----------|------------|---------|----------|-------|
| APC | | | | ● | | ● | ● | | ● |
| ATM | ● | ● | | | | ● | | | |
| AXIN2 | | | | ● | | | | | |
| BAP1 | | | | | ● | | | | ● |
| BARD1 | ● | | | | | | | | |
| BMPR1A | | | | ● | | ● | ● | | ● |
| BRCA1 | ● | ● | | | | ● | | ● | |
| BRCA2 | ● | ● | | | ● | ● | | ● | |
| BRIP1 | ● | ● | | | | | | | |
| CDH1 | ● | | | ● | | | ● | | |
| CDK4 | | | | | ● | | | | |
| CDKN2A | | | | | ● | ● | | | ● |
| CHEK2 | ● | | | ● | | | | | |
| CTNNA1 | | | | | | | ● | | |
| DICER1 | | ● | | | | | | | ● |
| EPCAM | | ● | ● | ● | | ● | ● | ● | ● |
| GALNT12 | | | | ● | | | | | |
| GREM1 | | | | ● | | | | | |
| HOXB13 | | | | | | | | ● | |
| KIT | | | | | | | ● | | |
| MEN1 | | | | | | ● | | | ● |
| MITF | | | | | ● | | | | ● |
| MLH1 | | ● | ● | ● | | ● | ● | ● | ● |
| MRE11A | ● | ● | | | | | | | |
| MSH2 | | ● | ● | ● | | ● | ● | ● | ● |
| MSH3 | | | | ● | | | | | |
| MSH6 | | ● | ● | ● | | ● | ● | ● | ● |
| MUTYH monoallelic | | | | ● | | | | | |
| MUTYH biallelic | | | | ● | | | | | ● |
| NBN | ● | ● | | | | | | | |
| NF1 | ● | | | | | | ● | | ● |
| NTHL1 | | | | ● | | | | | |
| PALB2 | ● | ● | | | | ● | | | |
| PDGFRA | | | | | | | ● | | |
| PMS2 | | | ● | ● | | | | | ● |
| POLD1 | | | | ● | | | | | |
| POLE | | | | ● | | | | | |
| PTEN | ● | | ● | ● | ● | | | | ● |
| RAD50 | ● | | | | | | | | |
| RAD51C | ● | ● | | | | | | | |
| RAD51D | ● | ● | | | | | | | |
| RNF43 | | | | ● | | | | | |
| RPS20 | | | | ● | | | | | |
| SDHA | | | | | | | ● | | ● |
| SDHB | | | | | | | ● | | ● |
| SDHC | | | | | | | ● | | ● |
| SDHD | | | | | | | ● | | ● |
| SMAD4 | | | | ● | | ● | ● | | ● |
| SMARCA4 | | ● | | | | | | | ● |
| STK11 | ● | ● | ● | ● | | ● | ● | | ● |
| TP53 | ● | | ● | ● | ● | ● | ● | | ● |
| TSC1 | | | | | | | | | ● |
| TSC2 | | | | | | | | | ● |
| VHL | | | | | | | | | ● |