

| Gene symbol        | OMIM link                |
|--------------------|--------------------------|
| ACD                | <a href="#">* 609377</a> |
| AIP                | <a href="#">* 605555</a> |
| AKT1               | <a href="#">* 164730</a> |
| ALK                | <a href="#">* 105590</a> |
| APC                | <a href="#">* 611731</a> |
| ATM                | <a href="#">* 607585</a> |
| AXIN2              | <a href="#">* 604025</a> |
| BAP1               | <a href="#">* 603089</a> |
| BARD1              | <a href="#">* 601593</a> |
| BLM/ <b>RECQL3</b> | <a href="#">* 604610</a> |
| BMPR1A             | <a href="#">* 601299</a> |
| BRCA1              | <a href="#">* 113705</a> |
| BRCA2              | <a href="#">* 600185</a> |
| BRIP1              | <a href="#">* 605882</a> |
| BUB1               | <a href="#">* 602452</a> |
| CASR               | <a href="#">* 601199</a> |
| CDC73              | <a href="#">* 607393</a> |
| CDH1               | <a href="#">* 192090</a> |
| CDH23              | <a href="#">* 605516</a> |
| CDK4               | <a href="#">* 123829</a> |
| CDKN1B             | <a href="#">* 600778</a> |
| CDKN2A             | <a href="#">* 600160</a> |
| CEBPA              | <a href="#">* 116897</a> |
| CHEK2              | <a href="#">* 604373</a> |
| CTNNA1             | <a href="#">* 116805</a> |
| CTRC               | <a href="#">* 601405</a> |
| DDB2               | <a href="#">* 600811</a> |
| DICER1             | <a href="#">* 606241</a> |
| DIS3L2             | <a href="#">* 614184</a> |
| ELP1               | <a href="#">* 603722</a> |
| EPCAM              | <a href="#">* 185535</a> |
| ERCC1              | <a href="#">* 126380</a> |
| ERCC2              | <a href="#">* 126340</a> |
| ERCC3              | <a href="#">* 133510</a> |
| ERCC4              | <a href="#">* 133520</a> |
| ERCC5              | <a href="#">* 133530</a> |
| EXT1               | <a href="#">* 608177</a> |
| EXT2               | <a href="#">* 608210</a> |
| FAM175A            | <a href="#">* 611143</a> |
| FANCA              | <a href="#">* 607139</a> |
| FANCB              | <a href="#">* 300515</a> |
| FANCC              | <a href="#">* 613899</a> |
| FANCD2             | <a href="#">* 613984</a> |
| FANCE              | <a href="#">* 613976</a> |
| FANCF              | <a href="#">* 613897</a> |
| FANCG              | <a href="#">* 602956</a> |
| FANCI              | <a href="#">* 611360</a> |

|         |                          |
|---------|--------------------------|
| FANCL   | <a href="#">* 608111</a> |
| FANCM   | <a href="#">* 609644</a> |
| FH      | <a href="#">* 136850</a> |
| FLCN    | <a href="#">* 607273</a> |
| FOXE1   | <a href="#">* 602617</a> |
| GALNT12 | <a href="#">* 610290</a> |
| GATA2   | <a href="#">* 137295</a> |
| GCM2    | <a href="#">* 603716</a> |
| GNAS1   | <a href="#">* 139320</a> |
| GPC3    | <a href="#">* 300037</a> |
| GPR101  | <a href="#">* 300393</a> |
| GREM1   | <a href="#">* 603054</a> |
| HOXB13  | <a href="#">* 604607</a> |
| KIF1B   | <a href="#">* 605995</a> |
| KIT     | <a href="#">* 164920</a> |
| LEMD3   | <a href="#">* 607844</a> |
| LZTR1   | <a href="#">* 600574</a> |
| MAX     | <a href="#">* 154950</a> |
| MBD4    | <a href="#">* 603574</a> |
| MEN1    | <a href="#">* 613733</a> |
| MET     | <a href="#">* 164860</a> |
| MITF    | <a href="#">* 156845</a> |
| MLH1    | <a href="#">* 120436</a> |
| MLH3    | <a href="#">* 604395</a> |
| MRE11A  | <a href="#">* 600814</a> |
| MSH2    | <a href="#">* 609309</a> |
| MSH3    | <a href="#">* 600887</a> |
| MSH6    | <a href="#">* 600678</a> |
| MUTYH   | <a href="#">* 604933</a> |
| NBN     | <a href="#">* 602667</a> |
| NF1     | <a href="#">* 613113</a> |
| NF2     | <a href="#">* 607379</a> |
| NSD1    | <a href="#">* 606681</a> |
| NTHL1   | <a href="#">* 602656</a> |
| PALB2   | <a href="#">* 610355</a> |
| PDGFRA  | <a href="#">* 173490</a> |
| PHOX2B  | <a href="#">* 603851</a> |
| PIK3CA  | <a href="#">* 171834</a> |
| PMS2    | <a href="#">* 600259</a> |
| POLD1   | <a href="#">* 174761</a> |
| POLE    | <a href="#">* 174762</a> |
| POT1    | <a href="#">* 606478</a> |
| PRKAR1A | <a href="#">* 188830</a> |
| PTCH1   | <a href="#">* 601309</a> |
| PTEN    | <a href="#">* 601728</a> |
| RAD50   | <a href="#">* 604040</a> |
| RAD51   | <a href="#">* 179617</a> |
| RAD51B  | <a href="#">* 602948</a> |

|         |                          |
|---------|--------------------------|
| RAD51C  | <a href="#">* 602774</a> |
| RAD51D  | <a href="#">* 602954</a> |
| RB1     | <a href="#">* 614041</a> |
| RECQL4  | <a href="#">* 603780</a> |
| RET     | <a href="#">* 164761</a> |
| RHBDF2  | <a href="#">* 614404</a> |
| RINT1   | <a href="#">* 610089</a> |
| RNF43   | <a href="#">* 612482</a> |
| RUNX1   | <a href="#">* 151385</a> |
| SDHA    | <a href="#">* 600857</a> |
| SDHAF2  | <a href="#">* 613019</a> |
| SDHB    | <a href="#">* 185470</a> |
| SDHC    | <a href="#">* 602413</a> |
| SDHD    | <a href="#">* 602690</a> |
| SEC23B  | <a href="#">* 610512</a> |
| SLX4    | <a href="#">* 613278</a> |
| SMAD4   | <a href="#">* 600993</a> |
| SMARCA4 | <a href="#">* 603254</a> |
| SMARCB1 | <a href="#">* 601607</a> |
| SMARCE1 | <a href="#">* 603111</a> |
| SPINK1  | <a href="#">* 167790</a> |
| SPRED1  | <a href="#">* 609291</a> |
| STK11   | <a href="#">* 602216</a> |
| SUFU    | <a href="#">* 607035</a> |
| TERF2IP | <a href="#">* 605061</a> |
| TERT    | <a href="#">* 187270</a> |
| TMEM127 | <a href="#">* 613403</a> |
| TP53    | <a href="#">* 191170</a> |
| TSC1    | <a href="#">* 605284</a> |
| TSC2    | <a href="#">* 191092</a> |
| USP8    | <a href="#">* 603158</a> |
| VHL     | <a href="#">* 608537</a> |
| WT1     | <a href="#">* 607102</a> |
| XPA     | <a href="#">* 611153</a> |
| XPC     | <a href="#">* 613208</a> |
| XRCC2   | <a href="#">* 600375</a> |