

Supplementary Table 1. A list of oligonucleotides used as primers for RT-PCR.

| | Forward primers | Reverse primers |
|--------|---------------------------|--------------------------|
| ATM | GATCTGCTTACGTGTTGTCG | TCTTCTATTTCGCACGCCTGA |
| BLM | CTATCATGCTGGCCTCACTG | GGATAACATAGCGTACGTCAG |
| BRCA1 | GGACTTGTCAAGTATTGCCA | ACCCTTACTCTGGATGACAG |
| BRCA2 | AAGGCGCATTGTAGCGATTG | TCTTCCTGCCATACTTGGAC |
| DDB1 | ACAGTCAACGGCATGATAGG | CAGCTCCTCCACTATCTTGA |
| ERCC6 | TGCCAACAGAAAACAGCCAC | CTGGTCATACACATCAACTCCTAA |
| ERCC8 | ATGTTGGGGTTTATTTCTGCTCGT | CTGTCTCCACACTGAATTTATGTG |
| FANCD2 | TGATGCTGCTGAAGAGAGCT | CCAAGCAGCAGCTTAATGAG |
| GAPDH | GTGAAAGTCGGAGTCAACGG | ACAGTGCCCTTGAAGTGTC |
| NBS1 | CTTCTGTGACTGAGTTTCGATCA | TCTTCTCCTTTCACATTAGGATC |
| PCNA | ATCTCCTGTGCAAAGACGG | CCTCAGTCCCAGTGCAGTTA |
| POLD | GTATTGGCCGTATCTGCTGA | GGGTCCTCAGATTTGAGGTA |
| POLE | AACTGCAACTTCTGCAGGGA | CCATTCGATGGTTTCCAGCA |
| POLH | TGGGAGCAGTGATTGTGGAGGAAAT | TGGCTGAAGAGCTGTGGGAC |
| POLK | ATGGACAACGTGAAAAATGTTGAT | TAAGGTTGCGACTGCGTTCC |
| POLZ | CGGAAAGGCACCATCTCACA | TCAGAACAGGTCGAGGAGCT |
| RAD18 | ATCGCTCAGCTGCAGTCCTT | GCTCTTCTCCTCTTGCTCC |
| RecQL1 | ATGACAGCTGTGGAAGTGCT | TCCTTTCCTGCCATTGTAGC |
| RecQL5 | GATCAGAGCTTCTCCGAGAT | CAGAGAGCAGGCTTTGATCT |
| Rev1 | ATGAGGCGAGGTGGATGGAG | GGCATTGTGCAGATTTGTGG |
| RFC1 | TTCATGGACTCGTACTGCCT | TCTTTTGGGCAGCTTGGAAAG |
| RPA1 | GTGACCATTGCAGACTCTCT | TCCTAGCTGAGCATTTCTCC |
| RPA2 | GTGGCATTCAAGATCATGCC | GTGATCATCATCCACAGTGG |
| RPA3 | GTCGAGAAGATTCACCCGAC | ATTGTTCCCTCCAGTACCGA |
| WNR | CCAGGTAACACGAATGTGGA | CTCCTCGGTTACACATAGTTG |
| XPA | AACCCTCATAATCCTCGGTG | TTCGTGGCCACATACAGTAC |
| XPB | CGACAGCGGTTTCTTGTAGA | GACATCATTTCCGGAAGCGC |
| XPC | CCTGGGAGAATGAACAAGCA | CAACTGTGCTGCTTCTTCT |
| XPD | CAAATCCTGGGCTTCCACC | GAAGATCAGTTTGTGCCGCT |
| XPE | TTGATGGAAACACCGGGGA | CATCTTCCACTTCCCAAG |
| XPF | GCACAGAAGACTGCTCAACA | AGGGAAGTGGAGTGTGAGAA |
| XPG | GTGACAGAAATCGGAAGTGG | TCTTCTCCCTTACTCTGTG |