Table S1. Primer sequences in Exon 1-8 of *TP53* gene

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| Code No | Gene Name | Comment | Reference | Sequence(5’to 3’) | Length (nts) | TM |
| BC-461BC-462 | Homo sapiens tumor protein p53(TP53) exon05 | senseantisense | NT\_010718NT\_010718 | TCTGTCTCCTTCCTCTTCCTACAAACCAGCCCTGTCGTCTCT | 2319 | 59.5159.85 |
| BC-463BC-464 | Homo sapiens tumor protein p53(TP53) exon06 | senseantisense | NT\_010718NT\_010718 | CAGGCCTCTGATTCCTCACTCTTAACCCCTCCTCCCAGAG | 2020 | 59.460.06 |
| BC-465BC-466 | Homo sapiens tumor protein p53(TP53) exon07 | senseantisense | NT\_010718NT\_010718 | CTTGGGCCTGTGTTATCTCCGGGTCAGAGGCAAGCAGA | 20182120 | 59.5560.0759.3160.11 |
| BC-467BC-468 | Homo sapiens tumor protein p53(TP53) exon08 | senseantisense | NT\_010718NT\_010718 | GGGACAGGTAGGACCTGATTTTAACTGCACCCTTGGTCTCC |
| exon p53-1Fexon p53-1R | Homo sapiens tumor protein p53(TP53) exon01 | senseantisense | NT\_010718NT\_010718 | ACTTGTCATGGCGACTGTCCCTCAGAGAGGACTCATCAAGT | 2021 | 53.852.4 |
| exon p53-234Fexon p53-234Rexon p53-234FF2 | Homo sapiens tumor protein p53(TP53) exon2-4 | senseantisensesense | NT\_010718NT\_010718NT\_010718 | TGTCTCATGCTGGATCCCCAGTCTCATGGAAGCCAGCCCCAGCCATTCTTTTCCTGCTC | 201920 | 53.855.451.8 |