

Supplementary Table S5

PCR cycling conditions for *TP53* amplicon library creation for NGS

Temperature, °C	Duration	Cycles
98 °C	30 s	1
98 °C	10 s	34
65 °C	30 s	
72 °C	30 s	
72 °C	10 min	1
4 °C	∞	1

NGS Primers used for *TP53* amplicon library PCR

Primer ID	Primer	Primer sequence (5'-3')
Exon - 4	Forward	uni-MID-GACTGCTCTTTTCACCCATCTA
	Reverse	uni-MID-AGGAATCCCAAAGTTCCAAACAA
Exon - 5	Forward	uni-MID-TTGCAGGAGGTGCTTACG
	Reverse	uni-MID-GAGCAATCAGTGAGGAATCAGA
Exon - 6	Forward	uni-MID-GTCACAGCACATGACGGAG
	Reverse	uni-MID-GGTTATAGGGAGGTCAAATAAGCAG
Exon - 7	Forward	uni-MID-CTTGCCACAGGTCTCCC
	Reverse	uni-MID-AGAAGCCACAGGTTAAGAGGT
Exon - 8	Forward	uni-MID-CTTTGGGACCTCTTAACCTGT
	Reverse	uni-MID-TGATAAAAGTGAATCTGAGGCATAACT

Abbreviations: uni - universal segment; MID - multiplex identifier.