

Table S1: Primer sets and optimized PCR conditions for quantitative real-time PCR (Tanna et al., 2020, *Molecular Biology Reports*. 47, 7403–7411) [26].

S. No.	Genes	Primer pair (5' → 3')		qRT-PCR condition
		Forward	Revers	
1.	<i>GAPDH</i>	CAAGGTCATCCATGACAACTTTG	GTCCACCACCCTGTTGCTGTAG	Initial denaturation: 94 °C for 5 min 40 cycles: 94 °C- 30 s 58 °C- 45 s 72 °C- 60 s Melt curve: 50 to 94 with 0.05°C
2.	<i>Cas3</i>	ATGGAAGCGAATCAATGGAC	GCCATGTCATCATCAACACC	
3.	<i>p53</i>	ATGGCCATCTACAAGCAG	ACAGTCAAGAGCCAACCTCAG	
4.	<i>DNMT</i>	AGAACGCCTTTAAGCGCCG	CCGTCCACTGCCACCAAAT	
5.	<i>CDC2</i>	ACAGGTCAAGTGGTAGCCATGA	ACCTGGAATCCTGCATAAGCA	
6.	<i>BAX</i>	GTGGCAGCTGACATGTTTTTC	GGAGGAAGTCCAATGTCCAG	