

Oligonucleotide name	Oligonucleotide Sequence 5' → 3'	Recognition site /target	Description	Strand orientation
T7prom-f	TATGTAATACGACTCACTATAGGG	T7 promoter, only DNA	Real Time PCR, PCR product B	sense, forward
Luc-RT-f	CACCATGGAAGACGCCAA	Luciferase Kozak cons. seq./coding sequence	Real Time PCR, PCR product A	sense, forward
Luc-RT-r	CCAGCGGTTCCATCTTCCAG	Luciferase sequence	Real Time PCR, PCR product A	antisense, reverse
Luc-rev-r	GATGTCCACCTCGATATGTGC	Luciferase sequence	Reverse Transcription	antisense, reverse
Ffir	ATCGTGGACCGCTGAAGTC	Firefly luciferase	Real-Time-PCR	forward
Rfir	ACGACGGCGGCAGGCAGC	Firefly luciferase	Real-Time-PCR	reverse
Fren	TGAGGAGTTCGCTGCCTACC	<i>Renilla</i> luciferase	Real-Time-PCR	forward
Ren	TGCGGACAATCTGGACGACG	<i>Renilla</i> luciferase	Real-Time-PCR	reverse
P1	GTAATTTGGCTAGAGGACC	5' end of TRβ1 ex. 1c (specific to variant A)	PCR	forward
P2	GTCCTAGAAAGGAAAGCACAG	5' end of TRβ1 ex. 1e (specific to variant F)	PCR	forward
P3	AGGACCGCGCGGAGGCAG	3' end of TRβ1 ex.1c (specific to variant A)	PCR	forward
P4	TCGAAGCTTCAGTCAGTGG-CAACCAGAAGGAAATCGCAGAT	5'end of TRβ1 2a with 5'overhang	PCR	reverse
P5	TGACATTTGCAGGACTCG	3'end of TRβ1 ex. 1a (specific to variant F)	PCR	forward
P6	CCAACCAGAAGGAAATCGCAG	TRβ1 2a	PCR	reverse
S0.F	CGAGGGCTGCTCCGGCT	p16INK4a 5'UTR	PCR0	forward
S0.R	GCTGCTCCCGCTGCCCGCT	p16INK4a 5'UTR	PCR0	reverse
SI.F (cSIII.F – T7p. – p16 5'UTR)	TCGAAGCTTCAGTCAGT-ATATGTAATACGACTCACTATAGGG-T-CGAGGGCTGCTCCGGCT	p16INK4a 5'UTR linear construct	PCR1	forward
SI.R(cSII.F)	GTTTTGGCGTCTCCAT-GCTGCTCCCGCCCGCT	p16INK4a 5'UTR linear construct	PCR1	reverse
SII.F	TGGAAGACGCCAAAAACAT	p16INK4a 5'UTR linear construct	PCR2	forward
SII.R(cSIII.R)	TGACCCTGGTTGACCCTACT-CCGGAAGGAGCTGACTGG	p16INK4a 5'UTR linear construct	PCR2	reverse
SIII.F	TCGAAGCTTCAGTCAGT	p16INK4a 5'UTR linear construct	PCR3	forward
SIII.R	TGACCCTGGTTGACCCTACT	p16INK4a 5'UTR linear construct	PCR3	reverse

**Table S4. List of primers used in Real-Time and classic PCR.**

This table contains sequences of DNA oligonucleotides (primers) used in reverse transcription and PCR assays of TRβ1 (*THRB*) and p16INK4a (*CDKN2A*; see Appendix S1).