

**Supplemental Table S1: Oligomers (Standards and Primers) used for qPCR analysis of  
Telomere Length**

Oligomer Type	Oligomers	Sequence (5'-3')	Amplicon Size
Standards	Telomere	TTAGGGTTAGGGTTAGGGTTAGGGTTAGGGT	84 bp
	Standard	TAGGGTTAGGGTTAGGGTTAGGGTTAGGGTT AGGGTTAGGGTTAGGGTTAGGG	
	β-Globin/ SCG	GCTTCTGACACAACCTGTGTTCACTAGCAACC TCAAACAGACACCATGGTGCATCTGACTCCT	120 bp
	Standard	GAGGAGAAGTCTGCCGTTACTGCCCTGTGGG GCAAGGTGAACGTGGATGAAGTTGGTG	
Primers	Telo-F	CGGTTTGTTTGGGTTTGGGTTTGGGTTTGGG TTTGGGTT	>76 bp
	Telo-R	GGCTTGCCTTACCCTTACCCTTACCC TTACCCTTACCCT	
	SCG-F	GCTTCTGACACAACCTGTGTTCACTAGC	82 bp
	SCG-R	CACCAACTTCATCCACGTTTCACC	

**Supplemental Table S2: Reaction Mix for 20 µl of Final Volume**

TELOMERE			SCG		
Components	Volumes	Final Conc.	Components	Volumes	Final Conc.

Master mix	10 µl	1X	Master mix	10 µl	1X
DNA or serial dilution	2 µl	10 ng	DNA or serial dilution	2 µl	10 ng
Telo F	0.75 µl		SCG F	0.75 µl	
Telo R	1.25 µl		SCG R	1.25 µl	
H <sub>2</sub> O	6 µl		H <sub>2</sub> O	6 µl	
<b>Final Volume</b>	20 µl			20 µl	