



SEOV L segment oligonucleotide primer feature table

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Oligo name	SEOV-F3	SEOV-F2	SEOV-R2	SEOV-R3
Sequence as mapped	TGGAACTTTCAACAGCCG	AYCTYTCTGGYGAGACRTT	TATTCACACCMAAATCAGAGTTTG	RCACTGTGATGTRATACCRAAYAAA
Sequence as ordered	TGGAACTTTCAACAGCCG	AYCTYTCTGGYGAGACRTT	CAAACCTCTGATTTKGGTGTGAATA	TTTRTYGGTATYACATCACAGTGY
Length (bp)	18 bp	19 bp	24 bp	24 bp
Position (as of Codon +1)	3821	3947	4042	4436
GC content (%)	50.00%	47.40%	35.40%	37.50%
Melt Temp °C	52.7°C	53°C	52.3°C	53.6°C
Hairpin ΔG	-0.61	0.07	0.38	0.44
Homodimer ΔG	-3.61	-5.68	-6.41	-4.19
Heterodimer SEOV-R2	-5.47	-4.12	-4.12	–
Heterodimer SEOV-R3	-7.19	-6.6	–	-6.6
Application	Sequencing, epRT-PCR	RT-qPCR & epRT-PCR	RT-qPCR	Sequencing, epRT-PCR
Amplicon length	616 bp	–	96 bp	490 bp
Reference	M Pacheco-Cortez, 2022	M Pacheco-Cortez, 2022	M Pacheco-Cortez, 2022	M Pacheco-Cortez, 2022

- Notes:
- 1.-Calculated through IDT oligodesign tool (<https://www.idtdna.com/calc/analyser>) using 0.2 uM oligo concentration, 50 mM Na+ concentration, 2 mM Mg++ concentration and 2.4 mM dNTP concentration.
 - 2.-Delta G's calculated using oligo sequence as ordered.