

**Table S1.** Oligonucleotide primers used for the generation and sequencing of expression plasmids coding for VEEV nsP2 and nsP2pro-2. PE2285, PE2286, PE2287, and PE2288 primers were used to sequence the C-terminal, while PE2730 and PE2731 were applied to sequence the N-terminal domain of VEEV nsP2. Primer N2, N1, and C are referring to the nomenclature used by Tropea *et al.* [27]. FWD =forward, REV=reverse. Primer used for sequencing are marked with asterisks.

Code	Primer Description	Sequence
PE2685	N1 - VEEV nsP2	5'-GGCTCGGAGAACCTGTACTTCCAGGGCTCAGTGGA-GACACCTCGTG-3'
PE2687	N1 - VEEV nsp2pro-2	5'-GGCTCGGAGAACCTGTACTTCCAGGCCAAGTACCCTGGGAATTTCACT-3'
PE2686	C	5'-GGGGACCACCTTTGTACAAGAAAGCTGGGTTATTAT- GTATAAATGTTGGTCAAGGTTGATGAAAGC-3'
PE277	N2	5'-GGGGACAAGTTTGTACAAAAAAGCAGGCTCGGAGA- ACCTGTACTTCCAG-3'
PE2285	FWD*	5'- ATGCGTGAGGTTCTTTGGAC-3'
PE2286	FWD*	5'-CAGCAGTGTGAAGACCATGC-3'
PE2287	REV*	5'-AGGACAGTTCTGCCCTTCAA-3'
PE2288	REV*	5'-TTGGTCAAGGTTGATGAAAGC-3'
PE2730	FWD*	5'-CCTTCCATGAATTCGCCTAC-3'
PE2731	FWD*	5'-AACGACGAATCCGAAAGAGA-3'