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# Crimean-Congo Hemorrhagic Fever Virus in Ticks Collected from Cattle, Corsica, France, 2023

## Appendix

**Appendix Table 1.** System 1 for small (S) segment

Name	Sequence	Couple	Position
CrCon1 S	RWA-AYG-GRC-TTR-TGG-AYA-CYT-TCA-C-	Couple 1	123–147
CrCon1 R	TRG-CAA-GRC-CKG-TWG-CRA-CWA-GWG-C		764–740
CriCon2 S	ART-GGA-GRA-ARG-AYA-TWG-GYT-TYC-G	Couple 2	450–474
CriCon2 R	CYTTGA-YRA-AYT-CYC-TRC-ACC-ABT-C		674–650

**Appendix Table 2.** System 2 for small (S) segment

Primer name	Sequence (5'-3')	Couple	Amplification size, bp
GP_CCHF_seg S_1S	TCTCAAAGAAACACGTGCCGC	Couple 1	472
GP-CCHF-segS-472R	GCTGTGTTTGCATTGACACGG		
GP-CCHF-segS-444S	GCCAATTACCAACARGCTGC	Couple 2	463
GP-CCHF-segS-907R	AGAGTTCCTGGGCCCTTAGTG		
GP-CCHF-segS-845S	CATAAGGACGAAGTTGACAGG	Couple 3	413
GP-CCHF-segS-1258R	TGAGCCCTGGGCTGCATCG		
GP-CCHF-segS-1204S	GCAGAATTAGTGAGATGGGTG	Couple 4	485
GP_CCHF_seg S_1689R	CGCACAGCCCTTTAAGTRTTT		

**Appendix Table 3.** System 3 for small (S) segment

Primer name	Sequence (5'-3')	Couple	Amplification size, bp
GP_CCHF_seg S_1S	TCTCAAAGAAACACGTGCCGC	Couple 1	1,689
GP_CCHF_seg S_1689R	CGCACAGCCCTTTAAGTRTTT		

**Appendix Table 4.** System 4 for medium (M) segment

Primer name	Sequence (5'-3')	Couple	Amplification size, bp
GP-CCHF-segM-1Rbis	CTMTGYGAGAACAGTGCCWC	Couple 1	351
GP-CCHF-segM-351R	CTGGATTCACCAGAACCACTG		
GP-CCHF-segM-264S	CAATGTCTGTGCTGGAGTCAT	Couple 2	404
GP-CCHF-segM-668R	TGGTTGTGGTCATTACTIONGATGC		
GP-CCHF-segM-611S	GCACATCATCTCTCCAGAAG	Couple 3	450
GP-CCHF-segM-1061R	CTTGAACAGGCATGCAATGAC		
GP-CCHF-segM-987S	GCAAGATACTGAACTCCTACA	Couple 4	476
GP-CCHF-segM-1463R	CATGGCAGTTTGAAAGATTAAC		
GP-CCHF-segM-1384S	CAACTGTATAAACTTGAAAGTGTC	Couple 5	479
GP-CCHF-segM-1863R	CTTTGATCCACTATTGTGGAGC		
GP-CCHF-segM-1842Sbis	AGCTATGGTGGKCCTGGYGARA	Couple 6	490
GP-CCHF-segM-2332R	AGTGTCCCCGATGACAATTAGC		
GP-CCHF-segM-2296S	CATCACATGTGTAGTGTGCAAG	Couple 7	434
GP-CCHF-segM-2730R	CTCATTTGATAGACTTCAACTG		
GP-CCHF-segM-2692S	GTCACCAGTTTCAGTCCGCA	Couple 8	469
GP-CCHF-segM-3161R	GTCGACAGCAGAGGTAATAAC		
GP-CCHF-segM-3084S	GCAACAGGGCTACTTTTCATCA	Couple 9	403
GP-CCHF-segM-3487R	CCTGAAACTAAGATCTTGTTCG		
GP-CCHF-segM-3459S	CTTAGCTGGAGTTTCAGTTGAAC	Couple 10	305
GP-CCHF-segM-3764Rbis	CGCCAGTTCCTCGAGTGCGGC		

**Appendix Table 5.** System 5 for medium (M) segment

Primer name	Sequence (5'-3')	Couple	Amplification size, bp
GP_CCHF_seg M_1S	TCTCAAAGAAATACTTGCGGCAC	Couple 1	1,958
GP_CCHF_seg M_1959R	CCTGTGGCACTGTTTTCGCA		
GP_CCHF_seg M_1842S	AACATGGTGGYCCRGGTGAYA	Couple 2	1,922
GP_CCHF_seg M_3764R	CTCCAGTTTCTTGARTGRGGC		
GP_CCHF_seg M_3711S	GAYTGCCCGGAAAGRTGTGG	Couple 3	1,855
GP_CCHF_seg M_5566R	TCTCAAAGATATAGTGGCGGC		
GP_CCHF_seg L_12211R	CCCCACACCCCAAATAATAA		

**Appendix Table 6.** System 6 for large (L) segment

Primer name	Sequence (5'-3')	Couple	Amplification size, bp
GP_CCHF_seg L_1S	TCTCAAAGATATCAATCCCCC	Couple 1	415
GP-CCHF-seg L-415S	GGCTAAAGAAATGGGCATTACC		
GP-CCHF-seg L-459R	CTGCTTCCACTTCATCACTGG	Couple 2	405
GP-CCHF-seg L-864R	GTGTCAGCTGATATCTCAACAC		
GP-CCHF-seg L-819S	CCAGAGTCGGTAGAGTCTTG	Couple 3	480
GP-CCHF-seg L-1299R	CACTGCAGACAGTTGCTAAGG		
GP-CCHF-seg L-1251S	TTCTCGGCAACCTGGGAAATG	Couple 4	238
GP_CCHF_seg L_1489R	GAGATCAGCTATCTCCCTGTG		

**Appendix Table 7.** System 7 for large (L) segment

Primer name	Sequence (5'-3')
GP-CCHF-seg L-3732s	CTGTGCCAAGATCTTGGCTC
GP-CCHF-seg L-4011R	GTGTCTACAATTCCTCATAAG

**Appendix Table 8.** System 8 for large (L) segment

Primer name	Sequence (5'-3')	Couple	Amplification size, bp
GP_CCHF_seg L_1S	TCTCAAAGATATCAATCCCCC	Couple 1	1,488
GP_CCHF_seg L_1489R	GAGATCAGCTATCTCCCTGTG		
GP_CCHF_seg L_1259S	GYAACCTAGGAAATGAACTGTTG	Couple 2	1,708
GP_CCHF_seg L_2967R	CTTTGCGCATWGCCTGTTCC		
GP_CCHF_seg L_2809S	GTTGTTGGAGCYATAAGTACTC	Couple 3	1,605
GP_CCHF_seg L_4414R	GGARTGATTTTCAATGTCTTG		
GP_CCHF_seg L_4298S	AGGAGRCAAGCTGTCCTTGG	Couple 4	1,888
GP_CCHF_seg L_6178R	CTTTGACARTTCCAGRTGCTG		
GP_CCHF_seg L_6022S	CTCAACGAGCAACAAGATGAAC	Couple 5	1,584
GP_CCHF_seg L_7606R	CATGYTCAACATGTAAGTGTGTC		
GP_CCHF_seg L_7491S	GYTACAACCATATGGGTCAGG	Couple 6	1,808
GP_CCHF_seg L_9299R	GCAGGTCTAGACTCAACTATTC		
GP_CCHF_seg L_9077S	CTCACTGGTTGGACACCTTTC	Couple 7	1,547
GP_CCHF_seg L_10624R	CTRCTGTAGAGCAGTCMAC		
GP_CCHF_seg L_10253S	GTGARACTGAAAGRCAAGTGC	Couple 8	1,958
GP_CCHF_seg L_12211R	CCCCACACCCCAAATAATAA		