

## Operationalizing genomic epidemiology during the Nord Kivu Ebola outbreak, Democratic Republic of the Congo: Supplementary Information

**Extended Data Table 1:** Ebola virus primer scheme generated by Primal Scheme.

Name	Sequence	Pool
DRCMAN2018V_1_LEFT	CGGACACACAAAAAGAAAGAAGAATTTT	1
DRCMAN2018V_1_RIGHT	GGGTTGTTGAATCTCCAATCCTCT	1
DRCMAN2018V_3_LEFT	AACAGGGGATTGTTGCGGCAAAG	1
DRCMAN2018V_3_RIGHT	CAAAGGAGAGAACTGACCGGC	1
DRCMAN2018V_5_LEFT	GCTTGGCAATCAGTAGGACACA	1
DRCMAN2018V_5_RIGHT	CCGAGTGCAATTGCCGATAGTT	1
DRCMAN2018V_7_LEFT	TGAACTTCCATCAGAAAAAGAACGAAA	1
DRCMAN2018V_7_RIGHT	TGCTGGCCCTTTTACTGTTTT	1
DRCMAN2018V_9_LEFT	CAATTAACGAAGAGGCGGACCC	1
DRCMAN2018V_9_RIGHT	TCAAGGGAGTCTGGATACGTGT	1
DRCMAN2018V_11_LEFT	ACAAGAATAAATTCATGGCAATCCTGC	1
DRCMAN2018V_11_RIGHT	ACGATCGTGTAATGTTGGGCA	1
DRCMAN2018V_13_LEFT	TCAAAACGACAGAATGCCAGGC	1
DRCMAN2018V_13_RIGHT	ACCGGTTGTCATCACCAGAAGA	1
DRCMAN2018V_15_LEFT	AGTGTTAGGGAGGCATTCAACAA	1
DRCMAN2018V_15_RIGHT	CTCGATCAATCTTGGGCGATGG	1
DRCMAN2018V_17_LEFT	TGAGTATCAGCCCTGGATAATATAAGTCA	1
DRCMAN2018V_17_RIGHT	TCCCATTGACTGACTCTGGTG	1
DRCMAN2018V_19_LEFT	GCTTCCTCTAGGTGTCGCTGAT	1
DRCMAN2018V_19_RIGHT	TTAGATCGGCACTGTTCCCCTT	1
DRCMAN2018V_21_LEFT	TCATGGGAATCGAAGTGCCAGA	1
DRCMAN2018V_21_RIGHT	ACATTTAGGAGAGGAAAAAGACAATGGT	1
DRCMAN2018V_23_LEFT	TCTTTCTCATTGCACATACTCTTTGC	1

DRCMAN2018V_23_RIGHT	TGATGTCCTCTTGAATCGATCACG	1
DRCMAN2018V_25_LEFT	AGTTGGACTGAATCTCGAAGGGA	1
DRCMAN2018V_25_RIGHT	TCAAGGGGTGTGAGCTGAAGAA	1
DRCMAN2018V_27_LEFT	TCTGCTCCAGCTGAATGAGACA	1
DRCMAN2018V_27_RIGHT	CACGGGTGTATTATGGGTGCTG	1
DRCMAN2018V_29_LEFT	AAACAGAGAACGCCAACACGAG	1
DRCMAN2018V_29_RIGHT	TGAAGAGCTTGAGTCGTCTCGT	1
DRCMAN2018V_31_LEFT	GGACTGCTGTATCGAACCACATG	1
DRCMAN2018V_31_RIGHT	TGTCAAACCTTGTTTATGATTAAGTGA	1
DRCMAN2018V_33_LEFT	TCATCCTCGATTCTACAATCATGACAG	1
DRCMAN2018V_33_RIGHT	TCCTTAGGTGCTGGAGGAACTG	1
DRCMAN2018V_35_LEFT	AGAACAACAATTAATATAACTGCACCCA	1
DRCMAN2018V_35_RIGHT	GTCGGTCCCATTGTTGCCATAG	1
DRCMAN2018V_37_LEFT	GAACATTGGTTCCTCAATCAGATAATGAG	1
DRCMAN2018V_37_RIGHT	GGATGGATCGTTGCTACCTCCT	1
DRCMAN2018V_39_LEFT	GGAGGAGGTGTTTGGTATTGGC	1
DRCMAN2018V_39_RIGHT	ATGGAGTTGACCTGGTGGAGTT	1
DRCMAN2018V_41_LEFT	AACCATGGCTAAAGCTACGGGA	1
DRCMAN2018V_41_RIGHT	TCAGAGATCAGACCAAGGGCTC	1
DRCMAN2018V_43_LEFT	CGGATTGTTGAGCAGTATTGAAATTGG	1
DRCMAN2018V_43_RIGHT	GTGTCAACTTGAAGCTGGCTT	1
DRCMAN2018V_45_LEFT	CGCAGGTCACATGTGTTAGATTTC	1
DRCMAN2018V_45_RIGHT	TCGCCACTGGTACATCACTCAA	1
DRCMAN2018V_47_LEFT	GTGGGTGCTCAAGAAGACTGTG	1
DRCMAN2018V_47_RIGHT	GCACATTATCAAGACGTCGGCA	1
DRCMAN2018V_49_LEFT	TCTATGCTTTACCAGAGCGGAGA	1
DRCMAN2018V_49_RIGHT	GCTTTTAGCACCGTAGCGTGTT	1
DRCMAN2018V_51_LEFT	AACTACTATGGGAATTTTACCACCTTGA	1

DRCMAN2018V_51_RIGHT	GTGTTTGAACATTGCGAGTCGG	1
DRCMAN2018V_53_LEFT	ACATGCCACAGTTAGAGGGAGT	1
DRCMAN2018V_53_RIGHT	TCGTCTGCGTCAGTCTCTAAGG	1
DRCMAN2018V_55_LEFT	GAATGGGGTCCAATTGCCTCAG	1
DRCMAN2018V_55_RIGHT	AACTGGATCTCCTAGATTCCGGT	1
DRCMAN2018V_57_LEFT	GGATTAATGTCCCTGGGTTCGC	1
DRCMAN2018V_57_RIGHT	TATTTGGGTAAAGCCTCCGCC	1
DRCMAN2018V_59_LEFT	ATGTCCGCAGTGTTCAAATGCA	1
DRCMAN2018V_59_RIGHT	GGCCATGAAAGAATGAGGACTGT	1
DRCMAN2018V_61_LEFT	TTTCCAGAATGTTATAAATTATGCAGTTGC	1
DRCMAN2018V_61_RIGHT	TCTCCACTGCTAATTGGGTCTGT	1
DRCMAN2018V_63_LEFT	GCTCATTGCGAATACTTAAGCCG	1
DRCMAN2018V_63_RIGHT	TGCATGGAAGAAATTGCTGGCT	1
DRCMAN2018V_65_LEFT	CACATGATGGCACTGAACGGAA	1
DRCMAN2018V_65_RIGHT	TGCATGGACGAGACTATAACGG	1
DRCMAN2018V_67_LEFT	ACACGCTAGCTACTGAGTCCAG	1
DRCMAN2018V_67_RIGHT	TCTAGCACTTGACGTTATTGGCT	1
DRCMAN2018V_69_LEFT	CCCATACTGGCTAAGTCATTTAACTCA	1
DRCMAN2018V_69_RIGHT	TGCACACACTAATCAACTCTGGT	1
DRCMAN2018V_71_LEFT	TTGAATTACCGTGCATAGTATCCTGA	1
DRCMAN2018V_71_RIGHT	AGAAGTCGTGTTATCAACCAAACACT	1
DRCMAN2018V_2_LEFT	CTCTGCAGGGTGATCCAACAAC	2
DRCMAN2018V_2_RIGHT	GGAAACTGTCCGCACTCTCTTG	2
DRCMAN2018V_4_LEFT	AGTGAAGCGCCTTGAGGAATTG	2
DRCMAN2018V_4_RIGHT	TGAAATCACAGCATCGTTGGCA	2
DRCMAN2018V_6_LEFT	GGTGAACTCCTTTAAGGCTGCA	2
DRCMAN2018V_6_RIGHT	TCCACTTGTTTTGGGCAGTGAC	2
DRCMAN2018V_8_LEFT	AGTTATTCGAAAACGGCATGAGT	2

DRCMAN2018V_8_RIGHT	AGTGATCTCTGTATACGGGGGC	2
DRCMAN2018V_10_LEFT	TCGCCACATTTTAAGATCACAGGG	2
DRCMAN2018V_10_RIGHT	ACACCTTAGACATCAAGAATTCTTCCT	2
DRCMAN2018V_12_LEFT	CGTTAAGCCACAGTTGTAGCCA	2
DRCMAN2018V_12_RIGHT	CTGCATTTGGGATACGTGGCAT	2
DRCMAN2018V_14_LEFT	GCATCAGAATCATTAGAGCAACGC	2
DRCMAN2018V_14_RIGHT	AAGCAGTTCCAAAACCAGGCAA	2
DRCMAN2018V_16_LEFT	ACGAAAAGAGTTCCAATCTTCCAAGA	2
DRCMAN2018V_16_RIGHT	TCATCACTTTTGGTTTGGGTACCT	2
DRCMAN2018V_18_LEFT	GGCGGGTTATATTGCCTACTGC	2
DRCMAN2018V_18_RIGHT	GCCGATTGACTCTGACAAGTGG	2
DRCMAN2018V_20_LEFT	ACCGATGACTCCAACAGGAT	2
DRCMAN2018V_20_RIGHT	CTTGCAGGAGAATGACACGTGT	2
DRCMAN2018V_22_LEFT	CCAGTTTTACAGAATCTTCTCAGGGA	2
DRCMAN2018V_22_RIGHT	ACAACCTAGAAATGGGTCCCGA	2
DRCMAN2018V_24_LEFT	TAGGGGTCGTCAGGTCCTTTTTC	2
DRCMAN2018V_24_RIGHT	TTTCAGCCCATTACCAGCTTC	2
DRCMAN2018V_26_LEFT	CAAAGAGGGTGCTTTCTTCCTGT	2
DRCMAN2018V_26_RIGHT	TAGTTTCCCAGAAGGCCCACTC	2
DRCMAN2018V_28_LEFT	TGCAATGGTTCAAGTGCACAGT	2
DRCMAN2018V_28_RIGHT	CTGGCACTCTCTTCTCCGGTAT	2
DRCMAN2018V_30_LEFT	CGGACTGGCCTGGATACCATAT	2
DRCMAN2018V_30_RIGHT	CTGTCTCCATCCTGTCCACCAA	2
DRCMAN2018V_32_LEFT	AGCAAAGCTCAGCCTCAAATCA	2
DRCMAN2018V_32_RIGHT	TGCTTTATGTGTGTTGGGTTGCA	2
DRCMAN2018V_34_LEFT	TCGAGCACGATCATCATCCAGA	2
DRCMAN2018V_34_RIGHT	CCAGTGTTCTGCCGTCTTGATC	2
DRCMAN2018V_36_LEFT	TCCCAGCTGAGTCTTTTATGTGAGA	2

DRCMAN2018V_36_RIGHT	CGGAGTATTGTGATCAAGTAGAAGGT	2
DRCMAN2018V_38_LEFT	ACAACCCTAACAGTGACCAAAGG	2
DRCMAN2018V_38_RIGHT	GCCTCTAGGGGCCTAATCTGAA	2
DRCMAN2018V_40_LEFT	ACGCTACAAAAGTGTCTCTAAGCT	2
DRCMAN2018V_40_RIGHT	CAGCCCAATAAACCTTCCACCC	2
DRCMAN2018V_42_LEFT	CCGAATTCTACAATTGAATCACCGC	2
DRCMAN2018V_42_RIGHT	TGAAGGAGGGAAAATTCGCCG	2
DRCMAN2018V_44_LEFT	TGCTGACTCAATAGTTATCTTGACATCT	2
DRCMAN2018V_44_RIGHT	ACACGGAAAGACCCAATAAGCA	2
DRCMAN2018V_46_LEFT	AGTCACTAGAGCTTGCGGGTTA	2
DRCMAN2018V_46_RIGHT	ACCCCTTCGAGTCAAATAGCC	2
DRCMAN2018V_48_LEFT	CTGAACACACAAGGAATCCCCC	2
DRCMAN2018V_48_RIGHT	GAATCGGCCCTTCCTTTCAGTG	2
DRCMAN2018V_50_LEFT	GGAGATGACGCCACAACA ACTT	2
DRCMAN2018V_50_RIGHT	ATACTGCATCCCAGCATGTCCT	2
DRCMAN2018V_52_LEFT	TTTCCTACGCGCAAAA ACTCGA	2
DRCMAN2018V_52_RIGHT	ACATTCTTCACACCATAGCAACGA	2
DRCMAN2018V_54_LEFT	ACTCTGGACAAGTATTT CATGTGCT	2
DRCMAN2018V_54_RIGHT	TCGTGTCTCAGAGATGGATCGC	2
DRCMAN2018V_56_LEFT	CCTTGGACAGTTAACACTCGGC	2
DRCMAN2018V_56_RIGHT	TCGTCTTCGAAGTCAGCTGACG	2
DRCMAN2018V_58_LEFT	TCAACAATAATACAGAGACACCGGT	2
DRCMAN2018V_58_RIGHT	ATTCCATCCCCGATAGTCCAGC	2
DRCMAN2018V_60_LEFT	AAAACCATTTTTGGAAGCACGAGT	2
DRCMAN2018V_60_RIGHT	ATACTGAGCTGGTACTTCCCGG	2
DRCMAN2018V_62_LEFT	AACGGCTGAACATCATAGAAGATGA	2
DRCMAN2018V_62_RIGHT	CGCATCTGAGAGTCCTCTGTCA	2
DRCMAN2018V_64_LEFT	AGATCGTAGAACTGCTGGTGCA	2

DRCMAN2018V_64_RIGHT	GCTGTACCACAAGCAGAGTCAC	2
DRCMAN2018V_66_LEFT	AGGGACACGCCAATTA ACTTCA	2
DRCMAN2018V_66_RIGHT	TGGCTTGCTGAGTTGTTAAGGA	2
DRCMAN2018V_68_LEFT	CCAGCGTATTGAAAGCAGTGGT	2
DRCMAN2018V_68_RIGHT	AGTGGACCTCTTTTTGAATCGACG	2
DRCMAN2018V_70_LEFT	ACTGCAAAAGGACGAATCACAAAAC	2
DRCMAN2018V_70_RIGHT	GGGACTCCTTTCGTTATTTAAATAGTTGT	2
DRCMAN2018V_72_LEFT	TGACGCAACGTAATAAATTCTGCAC	2
DRCMAN2018V_72_RIGHT	GCCTTCTGATAAGCGTGGTCAA	2