

Supplementary Table 1. Primers used in whole genome amplification and sequencing of SUDV-p and SUDV-GA.

Primer Name	Fragment	Sequence	Direction	start*	stop*
Sudan boneface 1F	A	CGGACACACAAAAAGAAAGA	F	1	20
Sudan boneface 1R		ATCCCCTGTTGGACTGAAAG	R	542	561
Sudan boneface 1R3518		CATTTTCAGCACAACTGCGAT	R	3499	3518
Sudan boneface 2F		GGCCTTTTCCTAACCTGGCT	F	205	224
Sudan boneface 2R		GTCTCCTCTTCGGGCATAGC	R	863	882
Sudan boneface 3F		TGGCTTCAGGTTTGAGGTCC	F	763	782
Sudan boneface 3R		AGACGTGCAAACGGAGCATA	R	1334	1353
Sudan boneface 4F		AGGTCCATGCAGAACAAGGG	F	987	1006
Sudan boneface 4R		TTTCAGCCTCAGTAGCAGCC	R	1492	1511
Sudan boneface 5F		TATGCTCCGTTTGCACGTCT	F	1334	1353
Sudan boneface 5R		GCCGAATCCTCGTAGTCAGG	R	1865	1884
Sudan boneface 6F		GGCTGCTACTGAGGCTGAAA	F	1492	1511
Sudan boneface 6R		CAACTCCGGCACCTTTTTTCG	R	2025	2044
Sudan boneface 7F		CCTGACTACGAGGATTCGGC	F	1865	1884
Sudan boneface 7R		CGGGTAGGCTTCTTCAAGGG	R	2529	2548
Sudan boneface 8F		CAACTGTAGCTCCACCAGCA	F	2262	2281
Sudan boneface 8R		TTGCGGTACGGGTATCAACC	R	2846	2865
Sudan boneface 9F	B	CCCTTGAAGAAGCCTACCCG	F	2529	2548
Sudan boneface 9R	A	GGCAGCGTCTAGGCTAAGAG	R	3105	3124
Sudan boneface 10F		GGTTGATACCCGTACCGCAA	F	2846	2865
Sudan boneface 10R		GGGTAGGACTTGGCTTGGTT	R	3248	3267
Sudan boneface 11F		CTCTTAGCCTAGACGCTGCC	F	3105	3124
Sudan boneface 11R		CTGGAGGTGCTTGTCATGT	R	3599	3618
Sudan boneface 12F		CCTGAATCGCAGTTGTGCTG	F	3494	3513
Sudan boneface 12R		ATCTTTGGTGACGGTGGGAC	R	4044	4063
Sudan boneface 13F		CCAGGATTTGGGACAGCCTT	F	3801	3820
Sudan boneface 13R		CAGTCGGCACAGTAACCCTT	R	4459	4478
Sudan boneface 14F		GTCCCACCGTCACCAAAGAT	F	4044	4063

Sudan boniface 14R		CCACTTACAGCCCTGCTTGA	R	4532	4551
Sudan boniface 15F		CTCCCCTGCTTGGTACTATGT	F	4319	4339
Sudan boniface 15R		TGGTCAGCAATTCCGAGTGG	R	4742	4761
Sudan boniface 16F		AAGGGTACTGTGCCGACTG	F	4459	4478
Sudan boniface 16R		TTCGGGTGAAATGAGAGCCC	R	5069	5088
Sudan boniface 17F		GCTCGCATCCTACACGATCA	F	4801	4820
Sudan boniface 17R		ACTGGCGGGTGAATGACAAT	R	5391	5410
Sudan boniface 18F		GGGCTCTCATTTACCCGAA	F	5069	5088
Sudan boniface 18R		GGTTGATTTGCCAGGAGGGA	R	5721	5740
Sudan boniface 19F		CAACCCTCCTGCCAAAATGC	F	5540	5559
Sudan boniface 19R		CCCAAAGGCATGGAAAAGGC	R	6085	6104
Sudan boniface 20F		GCCTGATTAAGGCCCAACCT	F	5895	5914
Sudan boniface 20R		AGCCAGCCTGTCATAGAGGA	R	6476	6495
Sudan boniface 21F	C	CCATGCCTTTGGGTGTTGTG	F	6092	6111
Sudan boniface 21R	B	GGGCCTGTCCAGAAGAACAA	R	6719	6738
Sudan boniface 22F		AGGTGCCGCTATGTTCAAA	F	6397	6416
Sudan boniface 22R		GACGGCAATGTTGTTTCCCC	R	7068	7087
Sudan boniface 23F		ACGTTCTTCAATCACCCCC	F	6571	6590
Sudan boniface 23R		CCATGGTCGGTGAGGAACTC	R	7229	7248
Sudan boniface 24F		TTCGGACCTGGTTCCAAAGG	F	7013	7032
Sudan boniface 24R		GGATTGCATTTACCCGTGGC	R	7515	7534
Sudan boniface 25F		GCTCCAGCCAAATCCTGAGT	F	7213	7232
Sudan boniface 25R		CAGGATCCTACATGTCCCGC	R	7789	7808

Sudan boniface 26F		GCCACGGGTAAATGCAATCC	F	7515	7534
Sudan boniface 26R		AACAAAGCAGCTTGCAGACG	R	8006	8025
Sudan boniface 27F		GATGGGGCGGGACATGTAG	F	7783	7801
Sudan boniface 27R		CTTGTCGAGGACAGGCTCTT	R	8329	8348
Sudan boniface 28F		GGAAAGAGCCTGTCCTCGAC	F	8326	8345
Sudan boniface 28R		TGCTTGAAGTCATCAGCCGT	R	8828	8847
Sudan boniface 29F		ACTGTCCCTCCAGCACCTAA	F	8627	8646
Sudan boniface 29R		TTGCCCAAGTTTTCCCTCC	R	9024	9043
Sudan boniface 30F		CTGGCAAATCCTACGGCTGA	F	8816	8835
Sudan boniface 30R		AGGAGGGAGCCCTTCATTCA	R	9246	9265
Sudan boniface3 1F		GGGTAGTCCTACACGCCCTA	F	9764	9783
Sudan boniface 31R		GCTCTAGCTCCCGTTTTGGT	R	10334	10353
Sudan boniface 32F		CAAACACCTTGCTCTGCCAA	F	9866	9885
Sudan boniface 32R		TCTTAGGCTTGCAAAAGGAGC	R	10258	10278
Sudan boniface 33F		CCAAAACGGGAGCTAGAGCA	F	10335	10354
Sudan boniface 33R		CTTGACAGGACCAGGGTGTC	R	10933	10952
Sudan boniface 34F	D	GAACGCAACGAGTGAAGGAC	F	10708	10727
Sudan boniface 34R	C	AGATGCTGTGAGTGAAACTGGA	R	11370	11391
Sudan boniface 35F		TGTATGATCTCAGTTTAATCTCTCT	F	11127	11151
Sudan boniface 35R		ACAGGGAGGTTCTAATGGTG	R	11806	11825
Sudan boniface 36F		CTAAGAACATGCCGCTTGCC	F	11658	11677
Sudan boniface 36R		GCGGACACTGGATCTTCCAA	R	12312	12331
Sudan boniface 37F		CGAGGGAGAATGAACCGAGG	F	12018	12037

Sudan boniface 37R		GCCCCAGTGCTTTTGGATTG	R	12646	12665
Sudan boniface 38F		ATTGGGATCGGAGGGGTACA	F	12395	12414
Sudan boniface 38R		TCGGGTACACGTTTGGTGTT	R	13071	13090
Sudan boniface 39F		GGCGAAATCAATTCCCACCAC	F	12868	12888
Sudan boniface 39R		TCAAAGACATTGCGAACCCCA	R	13505	13525
Sudan boniface 40F		GCCTCCTTCACCAAGCATCT	F	13348	13367
Sudan boniface 40R		CAGGCACTTGTGACTTTGGC	R	13866	13885
Sudan boniface 41F		GGCCACCTTGGTGGTATTGA	F	13644	13663
Sudan boniface 41R		GGTCACCCAGGTTGCGATAA	R	14300	14319
Sudan boniface 42F		AAGACAGCAGCTAGGATGGC	F	13986	14005
Sudan boniface 42R		TCATGACGGGCGTTGAAGAA	R	14600	14619
Sudan boniface 43F	E	GGTGACCCTGTGACTTCAGG	F	14313	14332
Sudan boniface 43R	D	ACATGGCAATGTTGCCCTA	R	14920	14939
Sudan boniface 44F		CGAACACCAAGCGGGAAAAG	F	14646	14665
Sudan boniface 44R		GCTTAATAGCGGGCTGACCT	R	15137	15156
Sudan boniface 45F		CGGTAGACAGTTAATAGGGGCA	F	14906	14927
Sudan boniface 45R		CAGGTGAATATGAGCCCTGTGA	R	15554	15575
Sudan boniface 46F		TCCTTTATGGCCAACCGCAT	F	15366	15385
Sudan boniface 46R		CCGCTGCTAATGGGATCTGT	R	15852	15871
Sudan boniface 47F		GATCCCATTAGCAGCGGTGA	F	15855	15874
Sudan boniface 47R		GCGGCAAATGATGTGTGGA	R	16514	16533
Sudan boniface 48F		AGCTTTGTTGAGGAGTGGGT	F	16209	16228
Sudan boniface 48R		TACTGCGGCTTCTTCAGGG	R	16862	16881

Sudan boniface 49F		CCCAAAAGTAGGTCCACCCC	F	16662	16681
Sudan boniface 49R		TGACCTCTAGCTCACCACGA	R	17183	17202
Sudan boniface 50F		CCCTGAAGAAAGCCGCAGTA	F	16862	16881
Sudan boniface 50R		GCACATCCCATCCAAATCGC	R	17422	17441
Sudan boniface 51F		TCAGGTTACACCACCCAAG	F	17133	17152
Sudan boniface 51R		GAGGGCAAGGTGTCTTGTGA	R	17779	17798
Sudan boniface 52F		GCGATTTGGATGGGATGTGC	F	17422	17441
Sudan boniface 52R		CAGCATCACTCATCCGGTGT	R	18074	18093
Sudan boniface 53F		CTTGCCCTCCTCCAAACTGA	F	17790	17809
Sudan boniface 53R		TCGATGCTTCCAACGCTGTAT	R	18290	18310
Sudan boniface 54F		AACTTATGGACCGGCTCACC	F	18100	18119
Sudan boniface 54R		TATGTTATTCCCACCGGCC	R	18623	18642
Sudan boniface 55F		ATACAGCGTTGGAAGCATCG	F	18290	18309
Sudan boniface 55R		TGTGCGCTTAATTTTCCTGGTG	R	18810	18831
Sudan boniface 56F		GGAAGCATCGATTCAAGGT	F	18300	18318
Sudan boniface 56F14652		CCAAGCGGGAAAAGATTACA	F	14652	14671
Sudan boniface 56R	E	TGGACACACAAAAAAGAGAA	R	18856	18875

*The position is defined according to the reference sequence FJ968794.1