

SUPPLEMENTAL TABLE 1

Cladistic distribution of body and head lice collected from patients from the Rethy Health District, Democratic Republic of the Congo, April 2010

Lice	Mitochondrial clade	Haplotype (access no)	Looking for pathogens by PCR		Patients
			<i>B. quintana</i>	<i>Y. pestis</i>	
Louse 1	Clade D	KJ850918	Negative	Negative	Patient 1
Louse 1	Clade A	KJ850926	Positive	Negative	
Louse 2	Clade D	KJ850928	Positive	Negative	Patient 2
Louse 3	Clade A	KJ850926	Positive	Negative	
Louse 4	Clade D	KJ850923	Negative	Negative	Patient 3
Louse 5	Clade A	KJ850926	Positive	Negative	
Louse 6	Clade D	KJ850923	Positive	Negative	Patient 4
Louse 7	Clade D	KJ850923	Negative	Negative	
Louse 1	Clade D	KJ850928	Negative	Negative	Patient 3
Louse 2	Clade D	KJ850923	Negative	Negative	
Louse 1	Clade D	KJ850919	Negative	Negative	Patient 4
Louse 2	Clade D	KJ850919	Negative	Negative	
Louse 3	Clade D	KJ850919	Negative	Negative	Patient 5
Louse 4	Clade D	KJ850919	Negative	Negative	
Louse 5	Clade D	KJ850919	Negative	Negative	Patient 5
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 6
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 6
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade D	KJ850919	Negative	Negative	Patient 7
Louse 1	Clade A	KJ850927	Negative	Negative	
Louse 2	Clade D	KJ850928	Negative	Negative	Patient 7
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 8
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade D	KJ850919	Negative	Negative	Patient 8
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 9
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade D	KJ850919	Negative	Negative	Patient 9
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 10
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade A	KJ850927	Negative	Negative	Patient 10
Louse 5	Clade D	KJ850919	Negative	Negative	
Louse 6	Clade D	KJ850919	Negative	Negative	Patient 11
Louse 7	Clade D	KJ850919	Negative	Negative	
Louse 1	Clade A	KJ850927	Negative	Negative	Patient 11
Louse 2	Clade D	KJ850919	Negative	Negative	
Louse 1	Clade D	KJ850919	Negative	Negative	Patient 12
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 13
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 14
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 14
Louse 3	Clade A	KJ850927	Negative	Negative	
Louse 1	Clade D	KJ850919	Negative	Negative	Patient 15
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 16
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade D	KJ850919	Negative	Negative	Patient 17
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	Patient 17
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade D	KJ850919	Negative	Negative	Patient 18
Louse 5	Clade D	KJ850919	Negative	Negative	
Louse 1	Clade A	KJ850927	Negative	Negative	Patient 18
Louse 2	Clade A	KJ850927	Negative	Negative	
Louse 3	Clade A	KJ850927	Negative	Negative	Patient 19
Louse 1	Clade A	KJ850927	Negative	Negative	
Louse 2	Clade D	KJ850921	Negative	Negative	Patient 19
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 2	Clade D	KJ850924	Negative	Negative	Patient 20
Louse 1	Clade D	KJ850919	Negative	Negative	
Louse 1	Clade D	KJ850919	Negative	Negative	Patient 21
Louse 2	Clade D	KJ850919	Negative	Negative	
Louse 1	Clade D	KJ850919	Negative	Negative	Patient 22
Louse 2	Clade D	KJ850919	Negative	Negative	
Louse 3	Clade D	KJ850919	Negative	Negative	Patient 22
Louse 4	Clade A	KJ850927	Negative	Negative	
Louse 5	Clade A	KJ850927	Negative	Negative	

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Lice	Mitochondrial clade	Haplotype (access no)	Looking for pathogens by PCR		Patients
			<i>B. quintana</i>	<i>Y. pestis</i>	
Louse 1	Clade D	KJ850919	Negative	Negative	Patient 23
Louse 2	Clade D	KJ850919	Negative	Negative	
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade D	KJ850919	Negative	Negative	Patient 24
Louse 1	Clade D	KJ850917	Negative	Negative	
Louse 2	Clade A	KJ850927	Negative	Negative	
Louse 3	Clade D	KJ850919	Negative	Negative	Patient 25
Louse 1	Clade D	KJ850918	Negative	Negative	
Louse 2	Clade A	KJ850926	Negative	Negative	
Louse 3	Clade A	KJ850926	Negative	Negative	Patient 26
Louse 4	Clade D	KJ850918	Negative	Negative	
Louse 5	Clade A	KJ850926	Negative	Positive	
Louse 6	Clade D	KJ850918	Negative	Negative	Patient 27
Louse 7	Clade A	KJ850926	Negative	Negative	
Louse 8	Clade D	KJ850918	Negative	Negative	
Louse 9	Clade D	KJ850918	Negative	Negative	Patient 28
Louse 10	Clade A	KJ850926	Negative	Negative	
Louse 11	Clade D	KJ850918	Negative	Negative	
Louse 12	Clade D	KJ850918	Positive	Negative	Patient 29
Louse 1	Clade A	KJ850927	Negative	Negative	
Louse 2	Clade D	KJ850919	Negative	Negative	
Louse 3	Clade D	KJ850919	Negative	Negative	Patient 30
Louse 1	Clade A	KJ850927	Negative	Negative	
Louse 2	Clade A	KJ850927	Negative	Negative	
Louse 3	Clade D	KJ850919	Negative	Negative	Patient 31
Louse 4	Clade A	KJ850927	Negative	Negative	
Louse 5	Clade A	KJ850927	Negative	Negative	
Louse 6	Clade A	KJ850927	Negative	Negative	Patient 32
Louse 7	Clade D	KJ850919	Negative	Negative	
Louse 8	Clade A	KJ850927	Negative	Negative	
Louse 9	Clade A	KJ850927	Negative	Negative	Patient 33
Louse 10	Clade A	KJ850927	Negative	Negative	
Louse 11	Clade A	KJ850927	Negative	Negative	
Louse 12	Clade D	KJ850919	Negative	Negative	Patient 34
Louse 13	Clade D	KJ850919	Negative	Negative	
Louse 14	Clade D	KJ850919	Negative	Negative	
Louse 15	Clade D	KJ850919	Negative	Negative	Patient 35
Louse 16	Clade A	KJ850927	Negative	Negative	
Louse 17	Clade A	KJ850927	Negative	Negative	
Louse 18	Clade A	KJ850927	Negative	Negative	Patient 36
Louse 19	Clade A	KJ850927	Negative	Negative	
Louse 1	Clade D	KJ850919	Positive	Negative	
Louse 2	Clade D	KJ850919	Positive	Negative	Patient 37
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade D	KJ850919	Positive	Positive	
Louse 5	Clade A	KJ850927	Positive	Negative	Patient 38
Louse 6	Clade A	KJ850927	Positive	Negative	
Louse 7	Clade A	KJ850927	Positive	Negative	
Louse 8	Clade A	KJ850927	Positive	Negative	Patient 39
Louse 9	Clade A	KJ850927	Positive	Negative	
Louse 10	Clade D	KJ850919	Negative	Negative	
Louse 11	Clade D	KJ850923	Negative	Negative	Patient 40
Louse 1	Clade D	KJ850923	Negative	Negative	
Louse 1	Clade A	KJ850927	Positive	Positive	
Louse 1	Clade A	KJ850927	Positive	Negative	Patient 41
Louse 2	Clade A	KJ850927	Positive	Negative	
Louse 1	Clade D	KJ850919	Positive	Negative	
Louse 2	Clade A	KJ850927	Positive	Negative	Patient 42
Louse 3	Clade D	KJ850919	Positive	Negative	
Louse 4	Clade D	KJ850919	Positive	Negative	
Louse 5	Clade A	KJ850927	Positive	Negative	Patient 43
Louse 6	Clade D	KJ850919	Positive	Negative	
Louse 7	Clade D	KJ850919	Positive	Negative	
Louse 8	Clade D	KJ850919	Positive	Negative	Patient 44
Louse 9	Clade D	KJ850919	Positive	Negative	
Louse 10	Clade D	KJ850919	Positive	Negative	
Louse 11	Clade D	KJ850919	Positive	Negative	Patient 45
Louse 12	Clade D	KJ850919	Positive	Negative	
Louse 13	Clade D	KJ850919	Positive	Negative	

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SUPPLEMENTAL TABLE 1  
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Lice	Mitochondrial clade	Haplotype (access no)	Looking for pathogens by PCR		Patients
			<i>B. quintana</i>	<i>Y. pestis</i>	
Louse 14	Clade D	KJ850919	Positive	Negative	
Louse 15	Clade D	KJ850919	Positive	Negative	
Louse 16	Clade D	KJ850919	Positive	Negative	
Louse 17	Clade D	KJ850919	Positive	Negative	
Louse 18	Clade D	KJ850919	Positive	Negative	
Louse 19	Clade D	KJ850919	Positive	Negative	
Louse 20	Clade D	KJ850919	Positive	Negative	
Louse 21	Clade D	KJ850919	Positive	Negative	
Louse 22	Clade D	KJ850919	Positive	Negative	
Louse 23	Clade D	KJ850919	Positive	Negative	
Louse 24	Clade D	KJ850919	Positive	Negative	
Louse 25	Clade D	KJ850919	Positive	Negative	
Louse 26	Clade D	KJ850919	Positive	Negative	
Louse 27	Clade D	KJ850919	Positive	Negative	
Louse 28	Clade D	KJ850919	Positive	Negative	
Louse 29	Clade D	KJ850919	Positive	Negative	
Louse 30	Clade D	KJ850919	Positive	Negative	
Louse 31	Clade D	KJ850919	Positive	Negative	
Louse 32	Clade D	KJ850919	Positive	Negative	
Louse 1	Clade A	KJ850927	Positive	Negative	Patient 34
Louse 2	Clade A	KJ850927	Positive	Negative	
Louse 3	Clade A	KJ850927	Negative	Negative	
Louse 4	Clade A	KJ850927	Positive	Negative	
Louse 5	Clade A	KJ850927	Negative	Negative	
Louse 6	Clade A	KJ850927	Negative	Negative	
Louse 1	Clade D	KJ850928	Negative	Negative	Patient 35
Louse 2	Clade D	KJ850923	Negative	Negative	
Louse 3	Clade D	KJ850923	Negative	Negative	
Louse 1	Clade D	KJ850919	Negative	Negative	Patient 36
Louse 2	Clade D	KJ850919	Positive	Negative	
Louse 3	Clade D	KJ850919	Negative	Negative	
Louse 4	Clade D	KJ850919	Positive	Negative	
Louse 5	Clade D	KJ850919	Negative	Negative	
Louse 6	Clade D	KJ850919	Negative	Negative	
Louse 1	Clade D	KJ850925	Negative	Negative	Patient 37
Louse 2	Clade D	KJ850923	Negative	Negative	
Louse 3	Clade D	KJ850923	Negative	Negative	
Louse 4	Clade D	KJ850916	Negative	Negative	
Louse 5	Clade A	KJ850926	Negative	Negative	