

		Polymorphic sites																			Individuals							
Reference sequences	(GenBank accession nr.: X79547)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1						
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		5						
		2	2	3	3	4	4	4	8	9	9	0	0	0	0	1	1	3	4	5		5	6	6	8	0		
	(GenBank accession nr.: JN398377)	1	6	4	8	0	2	4	5	7	8	0	1	2	3	4	5	6	7	5	9	0	9	6	7	6	3	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
		1	2	3	3	3	3	4	8	9	9	9	9	0	1	1	1	3	4	4	5	6	6	8	0			
		8	3	1	5	7	9	1	2	4	5	7	8	9	0	1	2	3	4	2	6	7	6	3	4	3	0	
Haplotypes	Number of mares	G	T	C	A	A	C	T	G	A	T	G	T	C	T	G	A	A	T	C	A	A	T	G	A	A	T	
Ht1 _{D-loop}	12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ht2 _{D-loop}	4	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	C	.	.	.	.	.	.	.	.	.
Ht3 _{D-loop}	15	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	G	.	.	.	.	.	.	.	.	.
Ht4 _{D-loop}	22	.	.	T	.	.	.	.	A	.	.	.	T	C	A	.	.	.	G	.	.	.	.	.	.	.	.	.
Ht5 _{D-loop}	5	.	.	.	.	.	.	.	.	.	.	.	C	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ht6 _{D-loop}	47	.	.	.	.	.	.	.	A	.	.	C	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ht7 _{D-loop}	7	.	.	.	.	.	.	.	.	.	.	C	.	T	.	.	G	.	.	C	.	.	.	C	.	.	C	
Ht8 _{D-loop}	25	.	.	.	.	.	.	.	A	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ht9 _{D-loop}	8	.	.	.	.	.	.	.	A	.	.	.	.	.	.	.	.	G	.	A	.	.	.	.	.	.	.	.
Ht10 _{D-loop}	2	.	.	.	.	.	.	T	A	G	.	.	T	.	.	.	T	G	.	A	.	.	C	.	.	.	.
Ht11 _{D-loop}	11	.	C	.	.	G	.	.	A	.	.	.	T	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.
Ht12 _{D-loop}	2	.	.	.	.	.	.	.	A	.	.	C	T	C	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ht13 _{D-loop}	4	.	.	.	.	.	.	.	A	.	A	.	.	.	.	.	G	.	A	.	.	.	.	.	.	.	.	.
Ht14 _{D-loop}	1	.	.	.	.	.	C	.	.	.	.	T	.	.	.	T	G	.	.	G	.	.	.	.	.	.	.
Ht15 _{D-loop}	2	.	.	T	.	.	.	.	A	.	.	T	C	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.
Ht16 _{D-loop}	35	.	.	T	.	.	.	.	A	.	.	.	C	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.
Ht17 _{D-loop}	1	.	.	.	.	.	.	.	.	.	.	.	T	A	.	.	.	.	.	.	.	.	.	C	.	.	.	.
Ht18 _{D-loop}	1	.	.	.	.	.	.	.	A	.	A	C	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ht19 _{D-loop}	7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	.	A	.	.	.	.	.	.	.	.
Ht20 _{D-loop}	3	A	.	.	.	.	.	.	A	.	.	.	T	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.
Ht21 _{D-loop}	1	.	.	G	.	.	.	.	A	.	.	.	T	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.
Ht22 _{D-loop}	3	.	.	.	.	.	.	.	G	.	.	.	T	A	.	.	.	.	.	G	.	C	.	.	.	.	.	.
Ht23 _{D-loop}	10	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	C	.	.	C	.	.	.	.	.	.	.	.
Ht24 _{D-loop}	1	.	.	.	.	.	.	T	A	G	.	.	T	.	G	.	T	G	.	A	.	.	C	.	.	.	.	.
Ht25 _{D-loop}	7	.	.	.	.	.	.	.	.	A	.	.	.	.	.	.	.	G	.	A	.	.	.	.	.	.	.	.
Ht26 _{D-loop}	2	.	.	.	.	.	.	.	A	.	.	.	T	A	.	.	.	.	.	.	.	.	C	.	.	.	.	.
Ht27 _{D-loop}	1	.	.	.	.	T	.	.	G	.	.	T	.	.	.	T	G	.	A	.	.	C	.	.	.	.	.	.
Ht28 _{D-loop}	1	.	.	.	.	.	.	.	A	.	.	C	T	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ht29 _{D-loop}	1	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	C	G	.	C	.	.	.	.	.	.	.	.
Ht30 _{D-loop}	1	.	.	.	.	.	.	.	A	.	.	.	T	.	.	.	.	.	.	.	.	C	.	.	.	.	.	.
Ht31 _{D-loop}	1	.	.	T	.	.	.	.	A	.	.	.	T	C	.	.	.	G	.	.	.	.	C	.	.	.	.	.
Ht32 _{D-loop}	3	.	.	.	.	.	.	.	A	.	.	.	T	C	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Table S2: Variable site positions in 202 bp of mtDNA D-loop region of 32 Gidran haplotypes. New haplotypes are emphasized by gray colour.