

**S12 Table. Mitochondrial haplotype and infection status of 158 samples screened**  
 Screening for mitochondrial type was either through direct sequencing or PCR-RFLP for a diagnostic SNP in the COI amplicon. Screening for infection status was either based on resequencing data (see S11 Fig) or by PCR amplification of the *Spiroplasma* GDP1 gene.

ID	Sex	wild/reared	latitude	longitude	K lineage SNP	Infection Status (GDP PCR)	PCR or Whole Genome Sequencing	COI Sequenced
SM16.S03	M	wild	-26.02	27.51	0	0	WGS	yes
SM16.S06	M	wild	-26.02	27.51	0	0	WGS	yes
SM16.S11	M	wild	-26.02	27.51	0	0	WGS	yes
SM16.S12	M	wild	-26.02	27.51	0	0	WGS	yes
SM16.S14	M	wild	-26.02	27.51	0	0	WGS	yes
SM16.S15	M	wild	-26.02	27.51	0	0	WGS	yes
SM17.S01	M	wild	-26.02	27.51	0	0	WGS	yes
SM17.H01	F	wild	-5.7175	-15.9249	0	0	PCR	no
SM17.H02	F	wild	-5.7175	-15.9249	0	0	PCR	no
SM17.H03	F	wild	-5.7175	-15.9249	0	0	PCR	no
SM17.H04	M	wild	-5.7175	-15.9249	0	0	PCR	no
DS06.A07	F	wild	-5.1	38.63	0	0	PCR	no
DS06.A12	F	wild	-5.1	38.63	0	0	PCR	no
DS06.A13	F	wild	-5.1	38.63	0	0	PCR	no
DS06.A14	F	wild	-5.1	38.63	0	0	PCR	no
DS06.A16	F	wild	-5.1	38.63	0	0	PCR	no
DS06.A17	F	wild	-5.1	38.63	0	0	PCR	no
DS06.A18	F	wild	-5.1	38.63	0	0	PCR	no
DS06.A19	F	wild	-5.1	38.63	0	0	PCR	no
RF.W001	F	wild	-3.33	40.02	0	0	WGS	yes
RF.W002	M	wild	-3.33	40.02	0	0	WGS	yes
SM15.W61	M	wild	-3.33	40.02	0	0	WGS	yes
SM15.W66	M	wild	-3.33	40.02	0	0	WGS	yes
SM15.W69	M	wild	-3.33	40.02	0	0	WGS	yes
SM15.W72	M	wild	-3.33	40.02	0	0	WGS	yes
SM15.W74	M	wild	-3.33	40.02	0	0	WGS	yes
SM16.W73	M	wild	-3.33	40.02	0	0	PCR	no
SM17.W01	F	wild	-3.33	40.02	0	0	PCR	no
SM17.R20	F	wild	-2.22	30.12	0	0	PCR	no
SM17.R21	M	wild	-2.22	30.12	0	0	PCR	no
SM17.R22	M	wild	-2.22	30.12	0	0	PCR	no

SM17.R23	F	wild	-2.22	30.12	1	1	PCR	yes
SM18.R009	M	wild	-2.22	30.12	1	0	PCR	no
SM18.R010	F	wild	-2.22	30.12	0	0	PCR	no
SM18.R011	F	wild	-2.22	30.12	0	0	PCR	no
SM18.R012	M	wild	-2.22	30.12	1	0	PCR	yes
SM18.M002	M	wild	-1.9	36.048	0	0	PCR	no
SM18.M003	F	wild	-1.9	36.048	0	0	PCR	no
RF.K001	F	wild	-1.39	36.82	1	1	WGS	yes
SM16.K567	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K570	F	wild	-1.39	36.82	1	1	WGS	yes
SM16.K571	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K577	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K580	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K583	F	wild	-1.39	36.82	1	1	PCR	no
SM16.K584	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K585	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K618	M	wild	-1.39	36.82	0	0	WGS & PCR	yes
SM16.K619	M	wild	-1.39	36.82	0	0	PCR	no
SM16.K620	M	wild	-1.39	36.82	1	0	WGS & PCR	yes
SM16.K622	M	wild	-1.39	36.82	0	0	WGS & PCR	yes
SM16.K624	M	wild	-1.39	36.82	1	1	PCR	no
SM16.K625	M	wild	-1.39	36.82	1	0	PCR	no
SM16.K626	M	wild	-1.39	36.82	0	0	WGS & PCR	yes
SM16.K627	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K628	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K630	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K631	F	wild	-1.39	36.82	1	1	WGS	yes
SM16.K633	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K634	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K641	F	wild	-1.39	36.82	1	1	WGS & PCR	yes
SM16.K700	F	wild	-1.39	36.82	1	1	PCR	no
ABRI.2018.3087	F	wild	-1.304	36.693	1	0	PCR	no
ABRI.2018.3088	M	wild	-1.304	36.693	1	1	PCR	no
ABRI.2018.3089	F	wild	-1.304	36.693	1	1	PCR	no
ABRI.2018.3090	F	wild	-1.304	36.693	0	0	PCR	yes
ABRI.2018.3091	F	wild	-1.304	36.693	1	1	PCR	no
ABRI.2018.3092	F	wild	-1.304	36.693	1	1	PCR	no
ABRI.2018.3093	F	wild	-1.304	36.693	1	1	PCR	yes
ABRI.2018.3094	F	wild	-1.304	36.693	1	0	PCR	yes

ABRI.2018.3095	F	wild	-1.304	36.693	1	0	PCR	no
ABRI.2018.3096	F	wild	-1.304	36.693	0	0	PCR	no
ABRI.2018.3097	F	wild	-1.304	36.693	1	1	PCR	no
ABRI.2018.3098	F	wild	-1.304	36.693	1	0	PCR	no
ABRI.2018.3099	F	wild	-1.304	36.693	1	1	PCR	no
ABRI.2018.3100	F	wild	-1.304	36.693	1	1	PCR	no
SM15.K01	F	wild	-1.304	36.693	0	0	PCR	yes
SM15.K02	M	wild	-1.304	36.693	0	0	PCR	yes
SM15.K03	F	wild	-1.304	36.693	0	0	PCR	yes
SM15.K04	M	wild	-1.304	36.693	0	0	PCR	yes
SM15.K05	F	wild	-1.304	36.693	0	0	PCR	yes
SM15.K06	M	wild	-1.304	36.693	0	0	PCR	no
SM15.K07	F	wild	-1.304	36.693	0	0	PCR	no
SM15.K08	M	wild	-1.304	36.693	0	0	PCR	no
SM15.K09	M	wild	-1.304	36.693	0	0	PCR	no
SM15.K10	M	wild	-1.304	36.693	0	0	PCR	no
SM15.K21	F	wild	-1.304	36.693	1	1	PCR	yes
SM16.L01	M	wild	0.302	36.908	0	0	PCR	no
SM16.L02	F	wild	0.302	36.908	1	1	PCR	yes
SM16.L03	F	wild	0.302	36.908	1	1	PCR	yes
SM16.L04	F	wild	0.302	36.908	0	0	PCR	no
SM16.L05	F	wild	0.302	36.908	1	1	PCR	no
SM16.L06	F	wild	0.302	36.908	0	0	PCR	no
SM16.L07	F	wild	0.302	36.908	1	1	PCR	no
SM16.L08	F	wild	0.302	36.908	1	1	PCR	no
SM16.L09	M	wild	0.302	36.908	0	0	PCR	yes
SM16.L10	M	wild	0.302	36.908	0	0	PCR	no
SM16.L11	F	wild	0.302	36.908	0	0	PCR	yes
SM16.L12	F	wild	0.302	36.908	0	0	PCR	no
SM16.L13	F	wild	0.302	36.908	0	0	PCR	no
SM16.L14	F	wild	0.302	36.908	0	0	PCR	no
SM16.L15	M	wild	0.302	36.908	0	0	PCR	no
SM16.L16	M	wild	0.302	36.908	0	0	PCR	no
SM16.L17	F	wild	0.302	36.908	0	0	PCR	no
SM16.L18	F	wild	0.302	36.908	0	0	PCR	no
SM16.L19	F	wild	0.302	36.908	0	0	PCR	no
SM16.L20	F	wild	0.302	36.908	0	0	PCR	no
SM16.L21	F	wild	0.302	36.908	0	0	PCR	no
SM16.L22	M	wild	0.302	36.908	0	0	PCR	yes

SM16.L23	M	wild	0.302	36.908	0	0	PCR	no
SM16.L24	M	wild	0.302	36.908	0	0	PCR	no
SM16.L25	M	wild	0.302	36.908	0	0	PCR	no
SM16.L26	M	wild	0.302	36.908	0	0	PCR	no
SM16.L27	M	wild	0.302	36.908	0	0	PCR	no
SM16.L28	M	wild	0.302	36.908	0	0	PCR	no
SM16.L29	F	wild	0.302	36.908	0	0	PCR	no
SM16.L30	F	wild	0.302	36.908	0	0	PCR	no
SM16.L31	M	wild	0.302	36.908	0	0	PCR	no
SM16.L32	F	wild	0.302	36.908	0	0	PCR	no
SM16.L33	F	wild	0.302	36.908	0	0	PCR	no
SM16.L34	F	wild	0.302	36.908	0	0	PCR	yes
SM16.L35	F	wild	0.302	36.908	0	0	PCR	no
SM16.L36	M	wild	0.302	36.908	0	0	PCR	no
SM16.L37	F	wild	0.302	36.908	0	0	PCR	no
SM16.L38	F	wild	0.302	36.908	0	0	PCR	no
SM16.L39	F	wild	0.302	36.908	0	0	PCR	no
SM16.L40	M	wild	0.302	36.908	0	0	PCR	no
SM16.L41	M	wild	0.302	36.908	0	0	PCR	no
SM16.L42	F	wild	0.302	36.908	0	0	PCR	no
SM16.M03	F	wild	0.302	36.908	0	0	PCR	no
SM16.N01	F	wild	6.24	8.97	0	0	WGS	yes
SM16.N04	F	wild	6.24	8.97	0	0	WGS & PCR	yes
SM16.N05	M	wild	6.24	8.97	0	0	WGS	yes
SM16.N06	M	wild	6.24	8.97	0	0	WGS	yes
SM16.N20	M	wild	6.24	8.97	0	0	WGS	yes
SM16.N37	M	wild	6.24	8.97	0	0	WGS	yes
DS98.324	F	wild	17.12	54.1	0	0	PCR	no
SM17.F01	F	wild	28.331	-13.923	0	0	PCR	no
SM17.F02	F	wild	28.331	-13.923	0	0	PCR	no
SM17.F03	F	wild	28.331	-13.923	0	0	PCR	no
SM17.F04	F	wild	28.331	-13.923	0	0	PCR	no
RV12.N314	U	wild	35.549	9.754	0	0	PCR	yes
RV12.N315	U	wild	35.549	9.754	0	0	PCR	no
RV12.N317	F	wild	35.549	9.754	0	0	WGS	yes
18MX101	F	reared	NA	NA	1	1	PCR	yes
18MX102	F	reared	NA	NA	1	1	PCR	no
FJ97.1011	F	reared	NA	NA	1	1	PCR	no
FJ97.1017	F	reared	NA	NA	1	1	PCR	no

FJ97.1026	F	reared	NA	NA	1	1	PCR	no
FJ97.1041	F	reared	NA	NA	1	1	PCR	yes
FJ97.1283	F	reared	NA	NA	0	0	PCR	yes
FJ97.1341	F	reared	NA	NA	0	0	PCR	no
FJ97.466	F	reared	NA	NA	1	1	PCR	no
FJ97.470	F	reared	NA	NA	1	1	PCR	no
FJ97.491	F	reared	NA	NA	1	1	PCR	yes
FJ97.633	F	reared	NA	NA	1	1	PCR	no
SM17.P01	F	reared	NA	NA	0	0	WGS	yes
SM17.X01	F	reared	NA	NA	1	0	WGS	yes

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