

SUPPLEMENTARY MATERIAL

Supplementary Table S2.

Results of identification of mitogenomic assemblies by BLAST searching ‘bait’ sequences against corresponding *cox1* 5’, *cox1* 3’, *cytB* and *rrnL* sequences from new assemblies. In grey are indicated successful assembly identifications. Numbers in the bait columns denote the unique identification numbers for the assemblies with the best ‘hit’ to each bait. Total number of baits available and number of successful ‘hits’ per sample is shown. For unsuccessful assembly identifications the reason for failure is given.

* Conspecific samples CG343 and CG317 resulted in a single mitogenomic assembly.

SAMPLE	<i>cox1</i> 5' BAIT	<i>cox1</i> 3' BAIT	<i>cytB</i> BAIT	<i>rrnL</i> BAIT	TOTAL BAITS	TOTAL BAIT HITS	I.D. SUCCESS?	REASON FOR I.D. FAIL
CG031					1	0	n	No bait hits
CG052	181	181	181	181	4	4	y	
CG055	104	104	104	104	4	4	y	
CG069	180		180	180	3	3	y	
CG074	112	112	112	112	4	4	y	
CG205					3	0	n	No bait hits
CG206	91	91	42	457514	4	4	n	Short assemblies
CG210	156	156	156	156	4	4	y	
CG212	197		62	74	3	3	n	Short assemblies
CG213	7				3	1	n	Short assemblies
CG215					4	0	n	No bait hits
CG220	183				1	1	y	
CG221	114	114			2	2	y	
CG222	150	150		150	3	3	y	
CG223					1	0	n	No bait hits
CG224					2	0	n	No bait hits
CG225	4	4			2	2	n	Short assemblies
CG226			100-27		1	1	y	
CG227			89		1	1	y	
CG229	100-31	100-31	100-31		3	3	y	
CG230	251327	251327			3	2	n	Short assemblies
CG231					2	0	n	No bait hits
CG232	457690	457690	59	59	4	4	n	Short assemblies

CG235	459182		459182		2	2	y	
CG236	41				1	1	n	Short assemblies
CG237					3	0	n	No bait hits
CG238	173	173			2	2	y	
CG239					3	0	n	No bait hits
CG240	177	177			2	2	y	
CG241					3	0	n	No bait hits
CG242		154	154	154	3	3	y	
CG243					1	0	n	No bait hits
CG244					4	0	n	No bait hits
CG245					2	0	n	No bait hits
CG246					4	0	n	No bait hits
CG247	43	43	79		3	3	y	
CG248		100-14			1	1	y	
CG249					4	0	n	No bait hits
CG250					3	0	n	No bait hits
CG252		51	251254		3	2	n	Short assemblies
CG253	82	82		82	3	3	y	
CG254		5			1	1	n	Short assembly
CG255					1	0	n	No bait hits
CG257	176	176		176	3	3	y	
CG258	191	191	200		4	3	n	Short assemblies
CG259					1	0	n	No bait hits
CG260	100-665				2	1	n	Short assemblies
CG261					4	0	n	No bait hits
CG263					1	0	n	No bait hits
CG264					4	0	n	No bait hits
CG265					1	0	n	No bait hits
CG266					3	0	n	No bait hits
CG267			84		2	1	n	Short assemblies
CG268	100-2	100-2	100-2	100-2	4	4	y	
CG269	214	214		73	4	3	n	Short assemblies
CG270	100-337	100-337	459069		4	3	n	Short assemblies

CG271		44	44	44	3	3	y	
CG272	96	96	96	96	4	4	y	
CG274					4	0	n	No bait hits
CG275					3	0	n	No bait hits
CG276					4	0	n	No bait hits
CG277	201	201			4	2	n	Short assemblies
CG278	203	203	189		3	3	n	Short assemblies
CG279		41	60	457037	4	3	n	Short assemblies
CG280		31	94		3	2	n	Short assemblies
CG281		67	14		4	2	n	Short assemblies
CG282	130	130	130	130	4	4	y	
CG283		127		127	2	2	y	
CG284	100-26	100-26	100-26		3	3	y	
CG285	182	182			2	2	y	
CG286			13		3	1	n	Short assemblies
CG287					3	0	n	No bait hits
CG288	100-6		100-6		2	2	y	
CG289	120	120	458630	458630	4	4	y	
CG290					1	0	n	No bait hits
CG291					1	0	n	No bait hits
CG293	146		146		2	2	y	
CG295	145	145	145		3	3	y	
CG296	175	175			2	2	y	
CG297	153	153	153		3	3	y	
CG298	147	147	147		3	3	y	
CG299	25	25			4	2	n	Short assemblies
CG300	134B	134B	134B	134B	4	4	y	
CG301	113	113	113	113	4	4	y	
CG302					3	0	n	No bait hits
CG303					3	0	n	No bait hits
CG304			195	195	4	2	n	Short assemblies
CG305		148			1	1	y	
CG306		458889	458889	129	3	3	y	

CG307		142	142	142	3	3	y	
CG308					1	0	n	No bait hits
CG309	108	108	108	100-231	4	4	y	
CG310		34	40		4	2	n	Short assemblies
CG311	95	95	95		4	3	y	
CG312	144	144	144	144	4	4	y	
CG313				147	1	1	n	Ambiguous 16S hits
CG314				147	4	1	n	Ambiguous 16S hits
CG315	126	126	126	126	4	4	y	
CG316		50			3	1	n	Short assemblies
CG317		81	81	81	3	3	y	
CG318					3	0	n	No bait hits
CG319				165	1	1	y	
CG320					2	0	n	No bait hits
CG321			100-94		1	1	y	
CG322			123		1	1	y	
CG323			80	80	2	2	y	
CG324				110	1	1	y	
CG325	117	117	117		3	3	y	
CG326					2	0	n	No bait hits
CG327		206			4	1	n	Short assemblies
CG328			163	163	2	2	y	
CG329			246528		1	1	n	Short assemblies
CG330			100-25	100-25	2	2	y	
CG331	119	119	119	119	4	4	y	
CG332		100-28	100-28	100-28	3	3	y	
CG333			36		1	1	n	Short assembly
CG334					1	0	n	No bait hits
CG335			75		1	1	y	
CG336		160			1	1	y	
CG337					1	0	n	No bait hits
CG338			10		1	1	n	Short assembly
CG339		149	149	149	3	3	y	

CG340		141	141	141	3	3	y	
CG341		152	152		2	2	y	
CG342		162	162	162	3	3	y	
CG343		81	81		2	2	y*	
CG344			101	101	2	2	y	
CG346	161		161	161	3	3	y	
CG347		178	178		2	2	y	
CG348					3	0	n	No bait hits
CG349			168	168	2	2	y	
CG350		164	164	164	3	3	y	
CG351			56		2	1	y	
CG352			115	115	2	2	y	
CG353			457326		1	1	n	Short assemblies
CG354		139	139	139	3	3	y	
CG355		107	143	143	3	3	y	
CG412					1	0	n	No bait hits
CG414					3	0	n	No bait hits
CG415		102	185		2	2	y	
CG418					1	0	n	No bait hits
CG419			124	124	2	2	y	
CG420		172		172	2	2	y	
CG421					3	0	n	No bait hits
CG422		76	190	190	3	3	y	
CG423		137	137	137	3	3	y	
CG424		116	116		2	2	y	
CG425		151	151		2	2	y	
CG426		158	158		2	2	y	
CG427		210			3	1	n	Short assemblies
CG428			169	169	2	2	y	
CG429		118			1	1	y	
CG430		93			3	1	n	Short assemblies
CG431		109	109	109	3	3	y	
CG432			193	193	3	2	n	Short assemblies

CG434			157		1	1	y	
CG435		155	155		2	2	y	
CG436		77	77	77	3	3	y	
CG437		122	122	122	3	3	y	
CG438		136	136		2	2	y	
CG439			184	184	2	2	y	
CG440					1	0	n	No bait hits
CG441				159	1	1	y	
CG442		174	174		2	2	y	
CG443		457110	100-215	250606	3	3	n	Short assemblies
CG444				135	1	1	y	
CG445		170		170	2	2	y	
CG446					1	0	n	No bait hits
CG447	61			52	2	2	n	Non-weevil
CG448					2	0	n	No bait hits
LAP007	98	98	98		3	3	y	
N28	134A			134A	2	2	y	
T-Reu3834		140	140	140	3	3	y	