

Supplementary Material

Are the *Culex pipiens* biotypes *pipiens*, *molestus* and their hybrids competent vectors of avian *Plasmodium*?

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Database used during the study.

Mosquito identity	Infection Head-Thorax	Infection Saliva	<i>Cx. pipiens</i> biotype	Bird identity	<i>Plasmodium</i> lineage	<i>Plasmodium</i> species
1	1	0	Pipiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
2	1	0	Pipiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
3	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
4	1	1	Molestus	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
5	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
6	0	0	Pipiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
7	0	0	Pipiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
8	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
9	0	0	Pipiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
10	0	0	Pipiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
11	0	0	Molestus	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
12	0	0	Pipiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
13	1	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
14	1	1	Pipiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
15	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>

16	1	0	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
17	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
18	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
19	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
20	1	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
21	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
22	0	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
23	0	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
24	1	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
25	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
26	1	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
27	1	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
28	1	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
29	1	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
30	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
31	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
32	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
33	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
34	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
35	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
36	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
37	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
38	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
39	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
40	0	0	Molestus	House sparrow 1	GRW11	<i>Plasmodium relictum</i>

41	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
42	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
43	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
44	0	0	Molestus	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
45	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
46	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
47	1	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
48	0	0	Molestus	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
49	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
50	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
51	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
52	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
53	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
54	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
55	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
56	0	0	Hybrids	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
57	0	0	Piapiens	House sparrow 1	GRW11	<i>Plasmodium relictum</i>
58	1	1	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
59	1	0	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
60	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
61	1	1	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
62	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
63	1	1	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
64	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
65	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>

66	0	0	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
67	0	0	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
68	1	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
69	1	0	Molestus	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
70	1	0	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
71	1	1	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
72	1	1	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
73	1	0	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
74	1	1	Piapiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
75	0	0	Hybrids	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>
76	0	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
77	1	0	Molestus	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
78	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
79	1	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
80	1	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
81	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
82	0	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
83	0	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
84	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
85	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
86	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
87	1	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
88	1	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
89	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
90	0	0	Piapiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>

91	1	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
92	0	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
93	1	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
94	1	0	Pipiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
95	1	NA	Pipiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
96	1	0	Hybrids	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
97	1	NA	Pipiens	House sparrow 3	SGS1	<i>Plasmodium relictum</i>
98	1	0	Pipiens	House sparrow 2	PADOM01	<i>Plasmodium cathemerium</i>