

Supplementary Table 1. Sequencing statistics for each of the 10 libraries.

Sample	Percent Mapped	Total Reads (Num)	Number Mapped
Maternal A	1.90%	2300760	43714
Maternal B	2.80%	4643898	130029
Control 15	3.00%	4860444	145813
Control 4	9.50%	1852637	176001
Control 8	7.50%	4376978	328273
Control 9	8.00%	6503085	520247
Mutant 12	3.30%	4437113	146425
Mutant 16	2.20%	5015593	110343
Mutant 19	3.80%	3677796	139756
Mutant 5	6.50%	2718329	176691

Supplementary Table 2. Number of progeny resulting from each of 20 single-fly crosses between uninfected, wild-type males and either infected Mutant 5 line virgin females (Infected) or the same line, cleared of the *Wolbachia* infection (Uninfected).

Line	Infected			Uninfected		
	Male	Female	Total	Male	Female	Total
1	125	155	280	110	300	535
2	112	150	262	70	283	492
3	24	39	63	112	78	126
4	113	95	208	96	168	356
5	0	1	1	3	2	2
6	119	129	248	131	229	431
7	93	105	198	135	200	368
8	102	131	233	132	251	443
9	18	29	47	3	58	94
10	1	0	1	147	0	2
11	82	126	208	137	239	391
12	91	140	231	4	250	409
13	94	132	226	155	242	414
14	83	107	190	112	196	340
15	82	131	213	77	237	387
16	43	53	96	125	106	189
17	55	84	139	152	168	278
18	8	14	22	129	14	23
19	88	130	218	13	222	373
20	37	41	78	6	81	154