

Supplementary Table 1 Average female lethality values corresponding to Figure 1. Cross results are presented in the order as depicted in Figure 1, with the exception of Canton S-B, which is not present in the figure. All values are averaged between 2 replicates for each cross.

Cross to	Avg % Female Lethality	Avg % Female Offspring	Avg % Male Offspring
Canton S-B	84.7981	13.1910	86.8090
911H	96.9835	2.9279	97.0721
153H	96.9379	2.9707	97.0293
195H	96.4179	3.4559	96.5441
843	93.8445	5.7416	94.2584
399H	93.4917	6.1052	93.8948
884H	92.8151	6.6575	93.3425
338	92.1719	7.1922	92.8078
377	91.7481	7.6108	92.3892
280	91.6765	7.6697	92.3303
441	91.3337	7.9393	92.0607
359	89.9189	9.1557	90.8443
882H	89.5436	9.4666	90.5334
392	89.4439	9.5268	90.4732
355	89.4128	9.5628	90.4372
88H	88.9011	9.8800	90.1200
237	88.5602	10.1503	89.8497
356	87.6106	10.9530	89.0470
853	87.4526	10.9937	89.0063
892	87.3930	10.4864	89.5136
109	86.8450	11.6090	88.3910
440	86.0161	12.2683	87.7317
49	85.7528	12.4600	87.5400
223	85.7507	12.1387	87.8613
395	85.6046	12.5749	87.4251
158	85.5714	12.5307	87.4693
177	85.3141	12.7920	87.2080
335	85.3041	12.7095	87.2905
405	85.2989	12.6474	87.3526
563	84.5564	13.2851	86.7149
85	84.1747	13.6349	86.3651
357	83.3209	14.2185	85.7815
897	83.1468	14.1446	85.8554
374	83.1280	14.2954	85.7046
761	82.5348	14.8628	85.1372
907	82.4243	14.9454	85.0546
301	82.1644	15.0211	84.9789
373	81.7688	15.0370	84.9630
517	81.5162	15.3923	84.6077
427	80.5312	16.2949	83.7051
913	80.4473	15.9697	84.0303
855	79.9389	16.7055	83.2945
802	79.7594	16.8262	83.1738

439	79.6792	16.7249	83.2751
443	78.9925	17.3603	82.6397
100	78.5568	17.6479	82.3521
894	78.4040	17.7351	82.2649
774	77.9954	17.2531	82.7469
229	77.7937	18.1571	81.8429
900	77.7118	18.2228	81.7772
589	77.6773	18.0573	81.9427
129	77.6144	18.2243	81.7757
38	77.4296	18.4097	81.5903
310	76.6865	18.8930	81.1070
59	75.4313	19.6429	80.3571
358	75.3701	19.7596	80.2404
385	74.7571	20.1057	79.8943
535	74.2709	19.8489	80.1511
360	74.2377	20.4778	79.5222
386	73.7442	20.7655	79.2345
890	73.5883	20.7844	79.2156
530	73.1425	21.0517	78.9483
787	72.9437	21.2433	78.7567
852	72.9221	21.2701	78.7299
75	72.9173	20.2027	79.7973
336	72.5978	21.5007	78.4993
861	72.4776	21.5699	78.4301
491	72.2343	21.0836	78.9164
627	72.2222	20.4904	79.5096
45	72.2162	21.7014	78.2986
375	71.9401	21.9090	78.0910
383	71.6786	21.8869	78.1131
181	71.5758	22.0550	77.9450
256	71.5386	22.1420	77.8580
397	71.4031	22.1818	77.8182
93	71.3106	21.8650	78.1350
796	71.1330	22.3980	77.6020
406	71.0915	20.9881	79.0119
714	70.9040	22.4548	77.5452
707	70.7386	22.5892	77.4108
887	70.3666	22.8349	77.1651
208	68.8419	23.3723	76.6277
879	68.5739	23.9068	76.0932
857	68.3710	24.0272	75.9728
804	67.7837	24.3651	75.6349
738	67.5777	23.9058	76.0942
502	67.4200	24.5688	75.4312
340	67.0341	24.6761	75.3239
176	67.0064	24.5946	75.4054
850	66.9772	24.7154	75.2846
361	66.6237	24.4228	75.5772
42	66.2052	25.2584	74.7416

426	65.8825	25.4267	74.5733
303	65.8404	25.2305	74.7695
48	65.7561	25.4487	74.5513
379	65.5761	25.5885	74.4115
712	65.4859	25.2926	74.7074
821	65.2120	25.7598	74.2402
31	64.8693	25.6966	74.3034
309	64.8123	26.0022	73.9978
732	64.7205	26.0091	73.9909
513	64.5517	25.2448	74.7552
371	63.6461	26.5518	73.4482
319	63.2784	26.5978	73.4022
69	63.1824	25.8406	74.1594
161	63.1067	26.8454	73.1546
737	63.0605	26.9707	73.0293
217	61.8118	27.6349	72.3651
91	61.6732	27.4832	72.5168
57	60.3518	28.2507	71.7493
228	59.9934	28.4649	71.5351
32	59.0817	28.8253	71.1747
370	58.8639	28.9678	71.0322
820	58.2792	29.3033	70.6967
805	58.1720	28.4688	71.5312
595	58.1289	28.8670	71.1330
551	57.9151	29.4378	70.5622
721	57.6721	29.4951	70.5049
716	57.2752	29.3580	70.6420
765	57.1260	29.7565	70.2435
101	56.8910	30.0978	69.9022
73	56.6893	29.8706	70.1294
320	56.6202	30.2542	69.7458
354	56.4912	29.9658	70.0342
26	56.2294	30.4017	69.5983
348	55.7059	30.6514	69.3486
189	54.9663	31.0433	68.9567
105	54.2837	31.2770	68.7230
748	54.1106	31.3550	68.6450
786	53.9334	31.5291	68.4709
642	53.8003	31.5305	68.4695
849	53.4198	31.5188	68.4812
409	53.3247	30.8982	69.1018
908	52.5760	32.1621	67.8379
380	51.0647	32.8022	67.1978
584	50.9987	32.8307	67.1693
318	50.8340	32.9364	67.0636
324	50.2776	33.1097	66.8903
508	49.1912	33.3863	66.6137
233	48.5049	33.9873	66.0127
705	48.3155	34.0552	65.9448

822	48.1203	34.0793	65.9207
808	48.1016	32.6481	67.3519
315	47.9892	34.0619	65.9381
381	47.7143	34.1111	65.8889
307	47.6742	34.3496	65.6504
391	47.6405	34.1777	65.8223
505	47.2252	34.4673	65.5327
859	47.0940	34.4167	65.5833
783	47.0378	34.5487	65.4513
703	46.5008	34.0116	65.9884
630	46.4117	34.8693	65.1307
239	46.0267	35.0525	64.9475
235	45.7967	34.6189	65.3811
776	45.7539	34.8622	65.1378
149	45.6329	35.1381	64.8619
528	45.6163	35.2132	64.7868
287	44.5704	35.6155	64.3845
138	44.2665	35.5102	64.4898
227	44.2460	35.6853	64.3147
790	44.0816	35.8405	64.1595
332	43.9126	35.7944	64.2056
41L	42.2815	36.5814	63.4186
730	42.2499	36.5925	63.4075
596	42.1393	36.6316	63.3684
321	42.1289	36.6571	63.3429
559	42.1039	36.6374	63.3626
142	41.2785	36.9570	63.0430
21	41.0165	37.0435	62.9565
832	40.9591	37.0758	62.9242
304	40.8488	36.5845	63.4155
136L	40.4382	36.4176	63.5824
639	39.2962	37.4430	62.5570
555	39.1217	37.8129	62.1871
801	38.6659	37.3726	62.6274
306	37.5495	38.1374	61.8626
365L	36.9323	38.6744	61.3256
28	36.1847	38.9546	61.0454
40	35.6801	39.1227	60.8773
461	35.5144	39.0628	60.9372
799	35.4582	39.1881	60.8119
437	35.3753	39.2442	60.7558
486	34.4668	38.8899	61.1101
531	32.7224	40.1008	59.8992
566	32.3163	40.3140	59.6860
390	32.0460	40.4498	59.5502
362	31.1725	40.4374	59.5626
810	30.8949	40.8469	59.1531
634	29.7147	41.1041	58.8959
367	28.6812	41.5105	58.4895

727	25.8929	41.9739	58.0261
317L	25.2413	42.7781	57.2219
83	24.9133	42.4582	57.5418
646L	23.6888	43.2614	56.7386
313	23.4044	43.2852	56.7148
819	23.0382	43.4859	56.5141
837	22.9684	43.3910	56.6090
757	22.0818	43.7345	56.2655
352L	20.4073	44.1789	55.8211
350L	18.1322	44.9329	55.0671
382	14.4231	47.3646	52.6354
492L	10.9428	47.0541	52.9459