



Overlapping Gene Lists

0e+00	N.S.	4e-128	N.S.	1e-141	6e-06	1e-79	2e-09	6e-41	3e-10	1e-140	3e-07	1e-25	2e-12	3e-38	6e-09	2e-02	2e-15	3e-13	2e-03	Induced- 1-day post-mating <i>tud</i> /+ female with a germline mated to Berlin male
N.S.	0e+00	N.S.	3e-81	N.S.	1e-94	N.S.	1e-91	1e-02	9e-14	3e-29	6e-06	4e-04	2e-09	3e-04	1e-06	7e-03	4e-08	3e-08	8e-16	Repressed- 1-day post-mating <i>tud</i> /+ female with a germline mated to Berlin male
4e-128	N.S.	0e+00	N.S.	7e-56	4e-07	3e-50	2e-17	8e-19	4e-16	2e-87	4e-09	6e-24	3e-13	6e-20	2e-16	N.S.	6e-14	9e-07	1e-04	Induced- 1-day post-mating <i>tud</i> /+ female with no germline mated to Berlin male
N.S.	3e-81	N.S.	2e-277	5e-02	6e-40	N.S.	6e-45	1e-03	4e-11	N.S.	7e-19	2e-03	9e-11	N.S.	4e-06	4e-04	1e-03	7e-10	7e-05	Repressed- 1-day post-mating <i>tud</i> /+ female with no germline mated to Berlin male
1e-141	N.S.	7e-56	5e-02	0e+00	N.S.	1e-209	N.S.	1e-25	7e-08	4e-100	4e-04	2e-31	2e-02	5e-40	4e-03	4e-06	7e-18	2e-13	6e-09	Induced- 1-day post-mating Berlin female mated to <i>tud</i> /+ male with a germline
6e-06	1e-94	4e-07	6e-40	N.S.	0e+00	N.S.	2e-292	2e-08	1e-07	5e-44	3e-09	3e-03	6e-18	2e-09	4e-11	N.S.	7e-09	N.S.	1e-12	Repressed- 1-day post-mating Berlin female mated to <i>tud</i> /+ male with a germline
1e-79	N.S.	3e-50	N.S.	1e-209	N.S.	0e+00	N.S.	3e-19	2e-10	7e-57	1e-13	2e-38	2e-02	1e-37	3e-03	4e-04	3e-17	1e-08	1e-12	Induced- 1-day post-mating Berlin female mated to <i>tud</i> /+ male with no germline
2e-09	1e-91	2e-17	6e-45	N.S.	2e-292	N.S.	0e+00	3e-05	2e-07	7e-32	5e-07	N.S.	2e-16	N.S.	8e-11	N.S.	4e-02	2e-03	1e-08	Repressed- 1-day post-mating Berlin female mated to <i>tud</i> /+ male with no germline
6e-41	1e-02	8e-19	1e-03	1e-25	2e-08	3e-19	3e-05	0e+00	N.S.	2e-129	N.S.	8e-118	N.S.	6e-80	N.S.	6e-08	1e-03	1e-09	1e-05	Induced- 3-day post-mating <i>tud</i> /+ female with a germline mated to Berlin male
3e-10	9e-14	4e-16	4e-11	7e-08	1e-07	2e-10	2e-07	N.S.	0e+00	N.S.	1e-181	N.S.	6e-123	N.S.	5e-111	5e-02	3e-02	N.S.	4e-03	Repressed- 3-day post-mating <i>tud</i> /+ female with a germline mated to Berlin male
1e-140	3e-29	2e-87	N.S.	4e-100	5e-44	7e-57	7e-32	2e-129	N.S.	0e+00	N.S.	7e-74	N.S.	1e-135	N.S.	N.S.	1e-53	3e-07	3e-26	Induced- 3-day post-mating <i>tud</i> /+ female with no germline mated to Berlin male
3e-07	6e-06	4e-09	7e-19	4e-04	3e-09	1e-13	5e-07	N.S.	1e-181	N.S.	0e+00	N.S.	6e-74	N.S.	6e-118	1e-02	N.S.	N.S.	N.S.	Repressed- 3-day post-mating <i>tud</i> /+ female with no germline mated to Berlin male
1e-25	4e-04	6e-24	2e-03	2e-31	3e-03	2e-38	N.S.	8e-118	N.S.	7e-74	N.S.	0e+00	N.S.	1e-117	N.S.	9e-04	4e-04	5e-06	2e-05	Induced- 3-day post-mating Berlin female mated to <i>tud</i> /+ male with a germline
2e-12	2e-09	3e-13	9e-11	2e-02	6e-18	2e-02	2e-16	N.S.	6e-123	N.S.	6e-74	N.S.	0e+00	N.S.	9e-119	1e-03	N.S.	N.S.	3e-03	Repressed- 3-day post-mating Berlin female mated to <i>tud</i> /+ male with a germline
3e-38	3e-04	6e-20	N.S.	5e-40	2e-09	1e-37	N.S.	6e-80	N.S.	1e-135	N.S.	1e-117	N.S.	0e+00	N.S.	3e-03	1e-19	5e-05	4e-12	Induced- 3-day post-mating Berlin female mated to <i>tud</i> /+ male with no germline
6e-09	1e-06	2e-16	4e-06	4e-03	4e-11	3e-03	8e-11	N.S.	5e-111	N.S.	6e-118	N.S.	9e-119	N.S.	0e+00	7e-06	N.S.	N.S.	1e-03	Repressed- 3-day post-mating Berlin female mated to <i>tud</i> /+ male with no germline
2e-02	7e-03	N.S.	4e-04	4e-06	N.S.	4e-04	N.S.	6e-08	5e-02	N.S.	1e-02	9e-04	1e-03	3e-03	7e-06	1e-78	N.S.	6e-10	N.S.	Induced- 1-day post-mating CS female mated to DJ-GFP male
2e-15	4e-08	6e-14	1e-03	7e-18	7e-09	3e-17	4e-02	1e-03	3e-02	1e-53	N.S.	4e-04	N.S.	1e-19	N.S.	N.S.	3e-214	N.S.	1e-29	Repressed- 1-day post-mating CS female mated to DJ-GFP male
3e-13	3e-08	9e-07	7e-10	2e-13	N.S.	1e-08	2e-03	1e-09	N.S.	3e-07	N.S.	5e-06	N.S.	5e-05	N.S.	6e-10	N.S.	7e-101	N.S.	Induced- 3-day post-mating CS female mated to DJ-GFP male
2e-03	8e-16	1e-04	7e-05	6e-09	1e-12	1e-12	1e-08	1e-05	4e-03	3e-26	N.S.	2e-05	3e-03	4e-12	1e-03	N.S.	1e-29	N.S.	3e-197	Repressed- 3-day post-mating CS female mated to DJ-GFP male
Induced- 1-day post-mating <i>tud</i> /+ female with a germline mated to Berlin male	Repressed- 1-day post-mating <i>tud</i> /+ female with a germline mated to Berlin male	Induced- 1-day post-mating <i>tud</i> /+ female with no germline mated to Berlin male	Repressed- 1-day post-mating <i>tud</i> /+ female with no germline mated to Berlin male	Induced- 1-day post-mating Berlin female mated to <i>tud</i> /+ male with a germline	Repressed- 1-day post-mating Berlin female mated to <i>tud</i> /+ male with a germline	Induced- 1-day post-mating Berlin female mated to <i>tud</i> /+ male with no germline	Repressed- 1-day post-mating Berlin female mated to <i>tud</i> /+ male with no germline	Induced- 3-day post-mating <i>tud</i> /+ female with a germline mated to Berlin male	Repressed- 3-day post-mating <i>tud</i> /+ female with a germline mated to Berlin male	Induced- 3-day post-mating <i>tud</i> /+ female with no germline mated to Berlin male	Repressed- 3-day post-mating <i>tud</i> /+ female with no germline mated to Berlin male	Induced- 3-day post-mating Berlin female mated to <i>tud</i> /+ male with a germline	Repressed- 3-day post-mating Berlin female mated to <i>tud</i> /+ male with a germline	Induced- 3-day post-mating Berlin female mated to <i>tud</i> /+ male with no germline	Repressed- 3-day post-mating Berlin female mated to <i>tud</i> /+ male with no germline	Induced- 1-day post-mating CS female mated to DJ-GFP male	Repressed- 1-day post-mating CS female mated to DJ-GFP male	Induced- 3-day post-mating CS female mated to DJ-GFP male	Repressed- 3-day post-mating CS female mated to DJ-GFP male	

Figure S5: Gene list overlap. Examination of gene list overlaps was performed in R using the package GeneOverlap. A heatmap matrix was generated which displays the *P*-value calculated using a Fisher's exact test of each overlap, and the Jaccard Similarity Index by color, where darker colors indicates more similarity. We examined the genes that were induced and repressed in the conditions presented in this study, as well as the genes induced and repressed at 1- and 3- days post-mating in Dalton *et al.* CS indicates wild-type Canton S.