

Table S2 Nucleotide Polymorphism in 18 Regions of the *D. pseudoobscura* Third Chromosome.

<i>Region</i> (Silent Sites)	<i>Sample</i>	<i>n</i>	<i>S</i>	$\theta \pm Sd$	<i>k</i>	$\pi \pm Sd$	<i>Tajima's D</i>
<b>pSTPP (353 bp)</b>	All	91	26	0.014 ± 0.004	3.519	0.010 ± 0.005	-0.945
	AR	23	14	0.011 ± 0.004	2.842	0.008 ± 0.004	-0.887
	PP	20	12	0.010 ± 0.004	3.321	0.009 ± 0.005	-0.065
	ST	21	11	0.009 ± 0.004	2.919	0.008 ± 0.005	-0.159
	CH	22	11	0.009 ± 0.004	3.108	0.009 ± 0.005	0.104
	TL	4	2	0.003 ± 0.002	1.000	0.003 ± 0.002	-0.710*
<b>en (302 bp)</b>	All	142	46	0.029 ± 0.008	3.603	0.012 ± 0.006	-1.728*
	AR	50	27	0.020 ± 0.007	2.830	0.009 ± 0.005	-1.748*
	PP	25	8	0.007 ± 0.003	1.740	0.006 ± 0.003	-0.567
	ST	27	18	0.015 ± 0.006	2.621	0.009 ± 0.005	-1.544
	CH	32	15	0.012 ± 0.005	4.763	0.016 ± 0.008	0.927
	TL	7	9	0.012 ± 0.007	3.428	0.011 ± 0.007	-0.355
<b>pHYSC/pSCTL (193 bp)</b>	All	93	27	0.027 ± 0.008	5.200	0.027 ± 0.013	-0.051
	AR	23	6	0.008 ± 0.004	0.885	0.005 ± 0.003	-1.394
	PP	19	15	0.022 ± 0.009	4.971	0.026 ± 0.013	0.592
	ST	23	11	0.015 ± 0.007	1.375	0.007 ± 0.005	-1.843*
	CH	23	12	0.017 ± 0.007	2.300	0.012 ± 0.007	-1.014
	TL	4	11	0.031 ± 0.018	5.500	0.028 ± 0.017	-0.837
<b>exu 1 (176 bp)</b>	All	144	17	0.018 ± 0.006	1.312	0.007 ± 0.005	-1.546
	AR	53	8	0.010 ± 0.004	1.066	0.006 ± 0.004	-1.067
	PP	26	3	0.004 ± 0.003	0.671	0.004 ± 0.003	-0.359
	ST	25	5	0.008 ± 0.004	1.319	0.008 ± 0.005	-0.011

	CH	32	5	$0.007 \pm 0.004$	1.402	$0.008 \pm 0.005$	0.347
	TL	7	2	$0.005 \pm 0.004$	0.762	$0.004 \pm 0.004$	-0.274
<b>pSTAR (440 bp)</b>	All	90	83	$0.037 \pm 0.010$	9.559	$0.022 \pm 0.010$	-1.374
	AR	24	35	$0.021 \pm 0.008$	8.221	$0.019 \pm 0.009$	-0.468
	PP	19	31	$0.020 \pm 0.008$	8.795	$0.020 \pm 0.010$	-0.033
	ST	22	45	$0.028 \pm 0.010$	9.918	$0.023 \pm 0.011$	-0.772
	CH	20	41	$0.026 \pm 0.010$	10.147	$0.023 \pm 0.011$	-0.487
	TL	4	10	$0.012 \pm 0.007$	5.167	$0.012 \pm 0.007$	-0.527
<b>pHYST 484 bp)</b>	All	90	59	$0.024 \pm 0.007$	8.854	$0.018 \pm 0.009$	-0.776
	AR	23	29	$0.016 \pm 0.006$	7.154	$0.015 \pm 0.007$	-0.340
	PP	19	33	$0.019 \pm 0.007$	10.443	$0.022 \pm 0.010$	0.423
	ST	19	10	$0.006 \pm 0.003$	3.846	$0.008 \pm 0.004$	1.221
	CH	24	23	$0.013 \pm 0.005$	5.594	$0.012 \pm 0.006$	-0.339
	TL	4	21	$0.024 \pm 0.013$	10.501	$0.022 \pm 0.013$	-0.854
<b>dSTPP (523 bp)</b>	All	90	43	$0.016 \pm 0.005$	7.918	$0.015 \pm 0.007$	-0.210
	AR	24	21	$0.011 \pm 0.004$	3.896	$0.007 \pm 0.004$	-1.125
	PP	19	4	$0.002 \pm 0.001$	0.926	$0.002 \pm 0.001$	-0.562
	ST	19	7	$0.004 \pm 0.002$	1.109	$0.002 \pm 0.001$	-1.490
	CH	22	22	$0.012 \pm 0.004$	5.104	$0.010 \pm 0.005$	-0.578
	TL	4	0	$0.000 \pm 0.000$	0.000	$0.000 \pm 0.000$	
<b>dSCTL (374 bp)</b>	All	92	47	$0.025 \pm 0.007$	8.242	$0.022 \pm 0.010$	-0.341
	AR	22	11	$0.008 \pm 0.004$	2.649	$0.007 \pm 0.004$	-0.423
	PP	19	17	$0.013 \pm 0.005$	4.749	$0.013 \pm 0.006$	-0.090
	ST	22	9	$0.007 \pm 0.003$	2.009	$0.005 \pm 0.003$	-0.624
	CH	23	22	$0.016 \pm 0.006$	4.893	$0.013 \pm 0.007$	-0.665

	TL	4	8	$0.012 \pm 0.007$	5.000	$0.013 \pm 0.008$	1.442
<b><i>eve</i> (146 bp)</b>	All	142	24	$0.031 \pm 0.010$	3.337	$0.023 \pm 0.012$	-0.659
	AR	51	6	$0.009 \pm 0.004$	1.471	$0.010 \pm 0.006$	0.261
	PP	26	10	$0.018 \pm 0.008$	3.441	$0.024 \pm 0.012$	1.025
	ST	26	2	$0.004 \pm 0.003$	0.224	$0.002 \pm 0.002$	-1.226
	CH	31	17	$0.029 \pm 0.011$	3.015	$0.021 \pm 0.011$	-0.991
	TL	7	0	$0.000 \pm 0.000$	0.000	$0.000 \pm 0.000$	
<b><i>Mef 2</i> (315 bp)</b>	All	125	43	$0.026 \pm 0.007$	5.122	$0.016 \pm 0.008$	-1.095
	AR	40	10	$0.007 \pm 0.003$	1.654	$0.005 \pm 0.003$	-0.884
	PP	26	12	$0.010 \pm 0.004$	2.718	$0.009 \pm 0.005$	-0.457
	ST	24	10	$0.009 \pm 0.004$	1.166	$0.004 \pm 0.002$	-1.884*
	CH	27	17	$0.014 \pm 0.005$	3.534	$0.011 \pm 0.006$	-0.695
	TL	7	12	$0.016 \pm 0.008$	3.808	$0.012 \pm 0.007$	-1.212
<b><i>Amy 1</i> (363 bp)</b>	All	142	51	$0.027 \pm 0.007$	5.369	$0.015 \pm 0.007$	-1.284
	AR	50	20	$0.012 \pm 0.004$	3.082	$0.008 \pm 0.004$	-0.988
	PP	25	3	$0.002 \pm 0.001$	0.661	$0.002 \pm 0.001$	-0.417
	ST	27	13	$0.009 \pm 0.004$	2.323	$0.006 \pm 0.004$	-1.051
	CH	32	11	$0.008 \pm 0.003$	1.942	$0.005 \pm 0.003$	-0.917
	TL	7	13	$0.015 \pm 0.007$	5.046	$0.014 \pm 0.008$	-0.268
<b>pSCCH (326 bp)</b>	All	86	29	$0.018 \pm 0.005$	5.026	$0.015 \pm 0.008$	-0.398
	AR	21	7	$0.006 \pm 0.003$	0.981	$0.003 \pm 0.002$	-1.607
	PP	20	8	$0.007 \pm 0.003$	3.747	$0.011 \pm 0.006$	2.230*
	ST	21	5	$0.004 \pm 0.002$	0.476	$0.001 \pm 0.001$	-1.982*
	CH	19	8	$0.007 \pm 0.003$	3.275	$0.010 \pm 0.005$	1.474
	TL	4	0	$0.000 \pm 0.000$	0.000	$0.000 \pm 0.000$	

<b>dSTAR(vg) (309 bp)</b>	All	143	95	0.058 ± 0.015	17.799	0.058 ± 0.026	0.119
	AR	52	20	0.014 ± 0.005	3.319	0.011 ± 0.006	-0.793
	PP	23	27	0.024 ± 0.009	7.858	0.025 ± 0.012	0.280
	ST	28	25	0.021 ± 0.008	7.818	0.025 ± 0.012	0.782
	CH	31	43	0.035 ± 0.012	5.040	0.016 ± 0.008	-1.956*
	TL	7	33	0.044 ± 0.021	11.097	0.036 ± 0.019	-1.008
<b>dSCCH (85 bp)</b>	All	90	8	0.019 ± 0.008	1.417	0.017 ± 0.010	-0.251
	AR	22	4	0.013 ± 0.007	1.389	0.016 ± 0.010	0.747
	PP	20	1	0.003 ± 0.003	0.101	0.001 ± 0.002	-1.158
	ST	22	1	0.003 ± 0.003	0.369	0.004 ± 0.004	0.600
	CH	21	2	0.007 ± 0.005	0.560	0.007 ± 0.006	0.017
	TL	4	2	0.013 ± 0.010	1.338	0.016 ± 0.012	1.929*
<b>F6 (428 bp)</b>	All	126	57	0.025 ± 0.007	6.463	0.015 ± 0.007	-1.210
	AR	45	31	0.017 ± 0.005	3.663	0.009 ± 0.004	-1.638
	PP	24	24	0.015 ± 0.006	4.598	0.011 ± 0.005	-1.055
	ST	25	16	0.010 ± 0.004	3.367	0.008 ± 0.004	-0.725
	CH	24	22	0.014 ± 0.005	4.533	0.011 ± 0.005	-0.848
	TL	7	5	0.005 ± 0.003	2.571	0.006 ± 0.004	1.287
<b>dHYSC (323 bp)</b>	All	87	39	0.024 ± 0.007	4.421	0.014 ± 0.007	-1.359
	AR	24	11	0.009 ± 0.004	3.094	0.010 ± 0.005	0.171
	PP	19	11	0.010 ± 0.004	2.795	0.009 ± 0.005	-0.402
	ST	21	10	0.009 ± 0.004	3.248	0.010 ± 0.005	0.582
	CH	18	12	0.011 ± 0.005	2.497	0.008 ± 0.004	-1.050
	TL	4	7	0.012 ± 0.007	3.500	0.011 ± 0.007	-0.817

<b>dHYST (641 bp)</b>	All	94	54	0.016 ± 0.005	8.600	0.013 ± 0.006	-0.596
	AR	24	27	0.011 ± 0.004	9.115	0.014 ± 0.007	0.975
	PP	19	30	0.013 ± 0.005	10.256	0.016 ± 0.008	0.773
	ST	23	18	0.008 ± 0.003	4.593	0.007 ± 0.004	-0.212
	CH	23	36	0.015 ± 0.005	7.125	0.011 ± 0.005	-1.037
	TL	4	0	0.000 ± 0.000	0.000	0.000 ± 0.000	
<b>EcR (127 bp)</b>	All	142	21	0.031 ± 0.010	1.532	0.012 ± 0.007	-1.669*
	AR	51	16	0.028 ± 0.010	1.793	0.014 ± 0.008	-1.530
	PP	25	6	0.012 ± 0.006	1.073	0.008 ± 0.006	-0.971
	ST	26	4	0.008 ± 0.005	1.323	0.010 ± 0.007	0.700
	CH	32	8	0.016 ± 0.007	1.573	0.012 ± 0.008	-0.623
	TL	7	2	0.006 ± 0.005	0.572	0.004 ± 0.004	-1.234

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*n*, sample size; *S*, number of segregating sites;  $\theta \pm \text{sd}$ , nucleotide heterozygosity per site based on the number of segregating sites with its standard deviation (WATTERSON 1975);  $\pi \pm \text{sd}$ , nucleotide heterozygosity per site based on the number of pairwise differences with its standard deviation assuming no recombination (TAJIMA 1983); Tajima's (1989) *D*, a test of the frequency spectrum's departure from expectations of the neutral theory where values of Tajima's *D* marked with an asterisk have a probability less than 0.05.