

TableS1: Song profile of WT, *Orco*⁺ and *Orco*²

line crossing	mean % Pulse			ANOVA	ttest result		
	WT	<i>Orco</i> ⁺	<i>Orco</i> ²		WT	<i>Orco</i> ⁺	<i>Orco</i> ²
0	39.77 ± 2.80	55.01 ± 7.53	61.45 ± 4.46	$p < 0.05$	B	A	A
1		60.03 ± 12.74	47.16 ± 0.57	NS			
2	51.68 ± 2.70	66.10 ± 4.65	56.50 ± 11.86	NS			
3	53.17 ± 4.62	68.06 ± 4.98	50.56 ± 6.30	NS			
4	56.05 ± 3.10	72.89 ± 3.60	45.50 ± 4.04	$p < 0.05$	B	A	C
5	66.09 ± 3.25	68.80 ± 5.92	54.29 ± 2.78	$p < 0.05$	A	A	B
6	66.18 ± 3.46	81.96 ± 5.20	53.95 ± 2.99	$p < 0.05$	B	A	C
7	71.39 ± 3.66	75.70 ± 3.90	53.87 ± 4.30	$p < 0.05$	A	A	B
8	73.19 ± 4.72	71.37 ± 3.10	53.40 ± 2.88	$p < 0.05$	A	A	B
9	74.33 ± 2.89	75.59 ± 2.23	53.82 ± 3.71	$p < 0.05$	A	A	B
10	74.46 ± 3.86	81.19 ± 9.26	57.37 ± 3.16	$p < 0.05$	A	A	B
11	90.37 ± 3.67	77.20 ± 7.30	53.95 ± 4.19	$p < 0.05$	A	A	B
12		85.58 ± 3.56	57.93 ± 11.28	NS			
13		87.45 ± 3.28	60.65 ± 5.42	$p < 0.05$		A	B
14			64.95 ± 4.07				