

Supplementary material for Ko, W-Y, R. David, and H. Akashi, (2003) “Molecular phylogeny of the *Drosophila melanogaster* species subgroup”, Journal of Molecular Evolution 57: 562-573

Supplementary material Table 1

Primers used for PCR Amplification and Sequencing

Gene	Name	Sequence (5'-3')	Note
<i>Adh/Adhr</i>	<i>Adh</i> 2235 +	GAAGGCAATCAATCCAAAGG	
	<i>Adh</i> 2274 -	GGGCTCAACATCCAACCA	
	<i>Adh</i> 2785 +	CTCATCCCACCCAGCCATCGTT	
	<i>Adh</i> 3248 -	CGCAATCCGCCACATAGCAGACAT	
	<i>Adhr</i> 3776 +	ATCCCCAGGCCATCGCTCAGT	
	<i>Adh</i> 2235	CCACCCTTATCCGCAATCCAT	
	<i>Adh</i> 2863 +	GAAACTGGACTTGGGCACCCTGGAG	
	<i>Adh</i> 2901 +	CCAAGCACTGGGACTCCGGCATCTAA	
	<i>Adhr</i> 3328 +	CATGACCAAGAACATAGCGGTGAGTG	
	<i>Adhr</i> 3253 -	CTCCGCAATCCGCCACATAGC	
	<i>Adh</i> 2313 -	TGACATCGTAGGGATAGAAGGTGAC	
	<i>Adh</i> 1932 +	GATCTTCCTATAAAATACGGGGC	
	<i>Adhr</i> 4587 -	TTCACACYCCATAGATGACCCATA	
	<i>Adhr</i> 4481 -	ATTTAATCTTGGTCCTCCTCA	
	<i>Adhr</i> 3488 -	CCGAATCTAAGCCGAAACTGAAAC	
	<i>Adhr</i> 2260 -	AAGCTGAAGACCGTCGACATCCTG	for <i>D. lutescens</i>
	<i>Adhr</i> 3470 -	AATCTGAAACATAAACTTGGTAGTAG	for <i>D. lutescens</i>
	<i>Adhr</i> 2680 -	CAGCGTGGTGCGGGTGATGC	for <i>D. lutescens</i>
	<i>Adhr</i> 4290 +	GGCCTTTCTAGAATATGGACAATC	for <i>D. lutescens</i>
	<i>Adhr</i> 3981 +	CGATAAACCCGAGCACCCAGATA	for <i>D. lutescens</i>
<i>Gld</i>	<i>Gld</i> 414 +	GCCTCAGCCTGCGATTGTTTGG	
	<i>Gld</i> 649 -	CCGCCGCAATGACAATGAAATC	
	<i>Gld</i> 1124 +	GCCCAGATACCCTCGATGTTTCT	
	<i>Gld</i> 1429 -	AGGYGGATTTRTACGGGAACTTG	
	<i>Gld</i> 1440 -	ACAACCACCGCTATCCTACGCCA	
	<i>Gld</i> 1455 +	TTCCCATAYAAAYCCACCTCTATC	
	<i>Gld</i> 1474 -	GAGAAGCCCAACTCCTCGCCG	
	<i>Gld</i> 1623 -	GGTGGCCGTGGTGTTCAGCAG	
	<i>Gld</i> 1637 +	CTGCATATCCTGCTGAACACCAC	
	<i>Gld</i> 1692 -	CGCATGCTGCCGAAATGGTCACTG	
	<i>Gld</i> 1972 +	TACTTGCTBTTCGRGATGGTCTCA	
	<i>Gld</i> 1978 -	ACATCCGAAATGCCAGTGCC	
	<i>Gld</i> 2423 +	GCAGAACACGGGACCGGAGAATCA	
	<i>Gld</i> 2425 +	GCAGAAAYACGGGTCCGGARAATCAC	
	<i>Gld</i> 2523 -	CCTGCGGCATTTATACTGGTGT	for <i>D. eugracilis</i>
	<i>Gld</i> 2607 +	GAAGGGCGCCTACCTGCTGAAG	

	<i>Gld</i> 2635 -	CAACGTCCACGTGCGCATCCAC	
<i>ry</i>	<i>ry</i> 2427 +	AGCTGCGSCTGTGCGGMACGA	
	<i>ry</i> 2506 -	TTCACCGCCAGGTGGCGTATCTTATTG	for <i>D. mimetica</i>
	<i>ry</i> 2805 +	CGAGGGMTACAAGACKTTTACCAAGGA	for <i>D. lutescens</i> and <i>D. eugracilis</i>
	<i>ry</i> 2831 +	TGCGGMATGGGCGAGAAG	
	<i>ry</i> 2877 -	GCTGCGCTCGAAGAGCTYGTTCATC	
	<i>ry</i> 3123 -	GTGGGATTGATSAGGTGCGGGTAGAG	
	<i>ry</i> 3307 +	CCGTGGATATGCTTYACTACTTTGCCG	
	<i>ry</i> 3335 +	GGCAAGCAGATCCGCAAC	
	<i>ry</i> 3481 -	GATAACATTCCTGCGATAGCCRGTTGAAGAA	
	<i>ry</i> 3781 +	TGGAGCGCGTGGCGGAGAG	
	<i>ry</i> 4067 -	GATAGCYTCACCGGTGGCTGTTTT	
	<i>ry</i> 4168 +	TTAGTACCAAGCCGCGTGCCAAG	for <i>D. eugracilis</i>
	<i>ry</i> 4336 +	GTGGGCGCCATAGCDGCCGATA	
	<i>ry</i> 4549 +	CGAATGGGCGGACAGGAGCACTTC	
	<i>ry</i> 4614 -	CTGAACCTCCGAGGGGTGTTGAGTGG	for <i>D. eugracilis</i>
	<i>ry</i> 4665 -	ACAGACGACACGRTGGGCAGGAAG	
	<i>ry</i> 4858 +	GGCATCCCTTCCTYTTCAA	
	<i>ry</i> 4908 -	CCGGCATTGTTGTAGCACTC	
	<i>ry</i> 4963 -	CAGATCCATGGACCAACCGGCATT	
	<i>ry</i> 5440 -	GTAGTGYGTATAGTCGCCWGTTTTGTAGAA	
	<i>ry</i> 5572 -	TTSCGCCAGCGATTCTCC	
	<i>ry</i> 5783 -	GTGGCCGTYTCCGAAATGTGAATCAG	
	<i>ry</i> 5955 +	GAGGCACCTGGRAGGAGTGGAT	
	<i>ry</i> 6004 +	CAGTCTCTCGGCCACYGGWTTCTA	
	<i>ry</i> 6038 -	TRTAGGTGCGRGCATTGGGATT	
	<i>ry</i> 6334 +	CCCGGGGAGTTYAATGTCAGC	
	<i>ry</i> 6447 -	AATGGCCTCCTTGATGG	for <i>D. lutescens</i> and <i>D. mimetica</i>
	<i>ry</i> 6553 -	CAATGTTCCACGGCGTAAATGAT	for <i>D. yakuba</i>

“+” or “-” in primer names indicate forward or reverse primer, respectively.

