

Table S1. Number of nucleotide positions

Species	Gene	No. of sites ^a			Total
		nc (intron)	s	a	
<i>D. melanogaster</i>	<i>Or63a</i>	937 (616)	297	963	2197
	<i>Or65a</i>	1054 (236)	282	969	2305
	<i>Or65b</i>	219 (219)	276	942	1437
	<i>Or65c</i>	232 (232)	283	947	1462
	<i>Or67a</i>	1465 (190)	277	944	2686
	<i>Or67b</i>	1094 (517)	285	978	2357
	<i>Or67c</i>	1494 (174)	271	941	2706
	<i>Or69a</i>	1676 (210)	481	1622	3779
	Total	8171 (2394)	2452	8306	18928
<i>D. pseudoobscura</i>	<i>Or63a</i>	364 (364)	274	803	1444
	<i>Or65b1</i>	231 (231)	278	868	1379
	<i>Or65b2</i>	224 (224)	298	962	1484
	<i>Or65b4</i>	239 (160)	268	857	1364
	<i>Or65b5</i>	793 (228)	296	952	2041
	<i>Or67a</i>	182 (182)	297	966	1447
	<i>Or67b</i>	912 (486)	296	964	2172
	<i>Or67c</i>	1366 (188)	293	925	2584
	<i>Or69a</i>	3431 (206)	515	1642	5588
Total	7742 (2274)	2815	8939	19503	

nc, noncoding sites; s, synonymous sites; a, nonsynonymous sites. ^a

Excluding sites with alignment gaps.