

Table of the *D. melanogaster* cytochrome P450 genes, their cytological locations and annotated Celera transcripts (CTs).

X	P450 CT gene	2L	P450 CT gene	2R	P450 CT gene	3L	P450 CT gene	3R	P450 CT gene
1B	Cyp4g1 13187	22F	Cyp309a1 28097 Cyp309a2 10919	42A	Cyp6w1 4868	62E	Cyp4d20 8030	85A1-10	Cyp313b1 27472
2D6-E1	Cyp4d1 12233, 12253 Cyp4d14 11900 Cyp4d2 11675 Cyp4ae1 30144	25D6	Cyp28d2 17788 Cyp28d1 30336	42D	Cyp6a2 11585	64A5	Cyp302a1 2045	86B6-C1	Cyp12e1 34465
10B8-C2	Cyp4g15 36755	25D6	Cyp4ac1 33591 Cyp4ac2 40069 Cyp4ac3 33590	43A1-2	Cyp9b1 14604 Cyp9b2 14594	66A5	Cyp316a1 15730 Cyp4d8 14135	87B4	Cyp313a5 28421 Cyp313a2 28413 Cyp313a3 28411
11A	Cyp28c1 5856	25F1	Cyp6a16 22353	44D	Cyp4ad1 6880 Cyp4e2 6686 Cyp4e1 6692	70E4-5	Cyp314a1 32843	87B-C	Cyp9f2 17908
11A	Cyp311a1 3715 Cyp318a1 31700	28B1-2	Cyp4d21 20878	44D	Cyp6a14 6361 Cyp6a15p 34554 Cyp6a13 7990	75C1-2	Cyp312a1 16459	87B-C	Cyp9f3p 39772
13A2-C1	Cyp4s3 26062	30C5-7	Cyp4e3 13600	44D	Cyp6a14 6361 Cyp6a15p 34554 Cyp6a13 7990	75D4-5	Cyp12c1 13666	87C	Cyp313a4 21009
17C	Cyp306a1 20454 Cyp18a1 20826 Cyp308a1 20468	34E4-5 35F6-12	Cyp28a5 25460 Cyp303a1 13756	45C	Cyp4p2 6078 Cyp4p1 30367 Cyp4p3 30369	76B4	Cyp305a1 25219	87D	Cyp304a1 22337
19E2-3	Cyp6v1 5576	36F	Cyp310a1 29164	47A	Cyp49a1 32039			88A-B	Cyp6d5 10252
19F4	Cyp6t1 4488	39C1-3	Cyp6t2p none	47E	Cyp12d1 26082			88C	Cyp313a1 11271
unmapped	Cyp307a2p none			48E12-F1	Cyp6g1 24751 Cyp6g2 25452 Cyp6t3 24763			91F1-13	Cyp12a4 18860 Cyp12a5 33912
				49B1-2	Cyp301a1 24987			94C	Cyp6d4 38889
				49D	Cyp9h1 33386			98A	Cyp6a18 33531
				51C	Cyp6a22 28781 Cyp6a17 28783 Cyp6a23 28787 Cyp6a19 28789 Cyp6a9 28793 Cyp6a20 28791 Cyp6a21 28795 Cyp6a8 28799			100B1-2	Cyp4c3 3417
				51C	Cyp317a1 31993				
				52D2	Cyp4aa1 20080				
				55F1-2	Cyp12b2 34952				
				58E	Cyp6d2 14177				
				60D13-16	Cyp9c1 12139				

Cytological locations of the P450 genes were determined from the known location of adjacent genes. When available, the localization data for individual P450 genes obtained by *in situ* hybridization were taken into account. A single location is given for clustered genes. Inversely, genes (or gene clusters) listed separately with the same location are not clustered. Only tandem groupings of two or more P450 genes in any orientation, not separated by other genes, were considered as clusters. All genes, including the individual genes in a cluster, are listed in the order of increasing cytology.
Table prepared by Boris Dunkov.