

Additional file 3 — Synteny tables for *Drosophila*

Syntenic conservation of tRNAs: The table shows the percentage distribution of tRNA loci between pairs of species. Every field contains the portion of tRNAs of the species in the column, for which we could find a syntenic position in the row species.

	tRNA	Dmel	Dsec	Dsim	Dyak	Dere	Dana
D. melanogaster	304	-	0.78 236	0.73 222	0.64 197	0.59 180	0.54 163
D. sechellia	309	0.72 224	-	0.77 239	0.52 160	0.56 172	0.39 119
D. simulans	267	0.72 193	0.83 221	-	0.47 126	0.55 148	0.38 101
D. yakuba	375	0.55 207	0.43 161	0.36 134	-	0.41 152	0.42 156
D. erecta	284	0.67 190	0.67 190	0.61 173	0.52 149	-	0.48 137
D. ananassae	496	0.33 161	0.23 116	0.21 105	0.30 149	0.26 131	-
D. pseudoobscura	292	0.55 162	0.52 151	0.49 142	0.44 128	0.36 104	0.44 128
D. persimilis	298	0.49 146	0.42 126	0.38 114	0.48 142	0.43 128	0.50 150
D. willistoni	457	0.31 140	0.23 103	0.20 91	0.21 96	0.21 97	0.23 104
D. mojavensis	264	0.44 116	0.34 89	0.35 92	0.37 97	0.41 107	0.28 74
D. virilis	269	0.54 145	0.41 109	0.37 100	0.43 115	0.28 76	0.36 96
D. grimshawi	259	0.48 125	0.47 121	0.45 116	0.39 100	0.46 119	0.34 88

	tRNA	Dpse	Dper	Dwil	Dmoj	Dvir	Dgri
D. melanogaster	304	0.52 158	0.49 149	0.48 145	0.50 152	0.52 157	0.50 151
D. sechellia	309	0.43 132	0.39 122	0.31 96	0.39 122	0.37 113	0.43 133
D. simulans	267	0.48 129	0.37 98	0.32 85	0.43 115	0.35 94	0.45 119
D. yakuba	375	0.32 120	0.37 140	0.28 104	0.33 124	0.38 143	0.31 116
D. erecta	284	0.52 124	0.38 107	0.35 100	0.43 121	0.40 114	0.52 147
D. ananassae	496	0.22 109	0.30 149	0.18 88	0.21 102	0.22 111	0.20 100
D. pseudoobscura	292	-	0.61 178	0.32 94	0.42 123	0.41 120	0.43 125
D. persimilis	298	0.59 177	-	0.29 87	0.34 101	0.44 131	0.43 129
D. willistoni	457	0.20 91	0.17 77	-	0.18 80	0.16 74	0.18 81
D. mojavensis	264	0.38 101	0.31 83	0.29 76	-	0.36 94	0.45 119
D. virilis	269	0.41 109	0.38 103	0.29 77	0.35 95	-	0.51 138
D. grimshawi	259	0.39 100	0.37 96	0.30 77	0.41 107	0.51 132	-