

References

1. **Beverley, S. M. & A. C. Wilson** 1984. Molecular evolution in *Drosophila* and the higher Diptera. II. A time scale for fly evolution. *Journal of Molecular Evolution* **21**: 1-13.
2. **Da Lage, J.-L., G. J. Kergoat, F. Maczkowiak, J.-F. Silvain, M.-L. Cariou & D. Lachaise** 2007. A phylogeny of Drosophilidae using the Amyrel gene: questioning the *Drosophila melanogaster* species group boundaries. *Journal of Zoological Systematics and Evolutionary Research* **45**(1): 47-63.
3. **Davis, T., J. Kurihara, E. Yoshino & D. Yamamoto** 2000. Genomic organisation of the neural sex determination gene fruitless (*fru*) in the Hawaiian species *Drosophila silvestris* and the conservation of the *fru* BTB protein-protein-binding domain throughout evolution. *Hereditas* **132**(1): 67-78.
4. **DeSalle, R.** 1992. The phylogenetic relationships of flies in the family Drosophilidae deduced from mtDNA sequences. *Molecular Phylogenetics and Evolution* **1**: 31-40.
5. **Gailey, D. A., S. K. Ho, S. Ohshima, J. H. Liu, M. Eyassu, M. A. Washington, D. Yamamoto & T. Davis** 2000. A phylogeny of the Drosophilidae using the sex-behaviour gene fruitless. *Hereditas* **133**(1): 81-83.
6. **Hu, Y. G. & M. J. Toda** 2001. Polyphyly of *Lordiphosa* and its relationships in Drosophilinae (Diptera: Drosophilidae). *Systematic Entomology* **26**(1): 15-31.
7. **Hu, Y.-G. & M. J. Toda** 2002. Cladistic analysis of the genus *Dichaetophora* Duda (Diptera: Drosophilidae) and a revised classification. *Insect Systematics and Evolution* **33**: 91-102.
8. **Kambysellis, M. P., K. F. Ho, E. M. Craddock, F. Piano, M. Parisi & J. Cohen** 1995. Pattern of ecological shifts in the diversification of Hawaiian *Drosophila* inferred from a molecular phylogeny. *Current Biology* **5**(10): 1129-1139.
9. **Katoh, T., K. Tamura & T. Aotsuka** 2000. Phylogenetic position of the subgenus *Lordiphosa* of the genus *Drosophila* (Diptera: Drosophilidae) inferred from alcohol dehydrogenase (*Adh*) gene sequences. *Journal of Molecular Evolution* **51**(2): 122-130.
10. **Kwiatowski, J. & F. J. Ayala** 1999. Phylogeny of *Drosophila* and related genera: conflict between molecular and anatomical analyses. *Molecular Phylogenetics and Evolution* **13**(2): 319-328.
11. **Kwiatowski, J., M. Krawczyk, M. Jaworski, D. Skarecky & F. J. Ayala** 1997. Erratic evolution of glycerol-3-phosphate dehydrogenase in *Drosophila*, *Chymomyza*, and *Ceratitis*. *Journal of Molecular Evolution* **44**(1): 9-22.
12. **Kwiatowski, J., D. Skarecky, K. Bailey & F. J. Ayala** 1994. Phylogeny of *Drosophila* and related genera inferred from the nucleotide sequence of the Cu,Zn Sod gene. *Journal of Molecular Evolution* **38**(5): 443-454.
13. **Pélandakis, M. & M. Solignac** 1993. Molecular phylogeny of *Drosophila* based on ribosomal RNA sequences. *Journal of Molecular Evolution* **37**(5): 525-543.
14. **Remsen, J. & R. DeSalle** 1998. Character congruence of multiple data partitions and the origin of the Hawaiian Drosophilidae. *Molecular Phylogenetics and Evolution* **9**(2): 225-235.
15. **Remsen, J. & P. O'Grady** 2002. Phylogeny of Drosophilinae (Diptera: Drosophilidae), with comments on combined analysis and character support. *Molecular Phylogenetics and Evolution* **24**(2): 249-264.
16. **Robe, L. J., V. L. S. Valente, M. Budnik & E. L. S. Loreto** 2005. Molecular phylogeny of the subgenus *Drosophila* (Diptera, Drosophilidae) with an emphasis on Neotropical species and groups: a nuclear versus mitochondrial gene approach. *Molecular Phylogenetics and Evolution* **36**(3): 623-640.
17. **Russo, C. A. M., N. Takezaki & M. Nei** 1995. Molecular phylogeny and divergence times of drosophilid species. *Molecular Biology and Evolution* **12**(3): 391-404.
18. **Tatarenkov, A., J. Kwiatowski, D. Skarecky, E. Barrio & F. J. Ayala** 1999. On the evolution of Dopa decarboxylase (*Ddc*) and *Drosophila* systematics. *Journal of Molecular Evolution* **48**(4): 445-462.
19. **Tatarenkov, A., M. Zurovcova & F. J. Ayala** 2001. *Ddc* and *amd* sequences resolve phylogenetic relationships of *Drosophila*. *Molecular Phylogenetics and Evolution* **20**(2): 321-325.
20. **Thomas, R. H. & J. A. Hunt** 1993. Phylogenetic relationships in *Drosophila*: a conflict between molecular and morphological data. *Molecular Biology and Evolution* **10**(2): 362-374.
21. **van der Linde, K., Bächli, G., Toda, M.J., Zhang, W.-X., Katoh, T., Hu, Y.-G., & Spicer G.S.** Resolving the paraphyletic status of the genus *Drosophila* while preserving the name of *Drosophila melanogaster* (submitted).
22. **van der Linde, K. & Houle, D.** A phylogeny for the genus *Drosophila* and related genera (submitted).