

Supplementary Files

Accompanying are text files containing the different *Drosophila melanogaster* gene sets used in this study, names as Ensembl Gene Id (CGs). Files are numbered and correspond to:

1. All duplicated genes.
2. All non-duplicated genes.
3. Duplicated genes arranged in tandem (TDGs).
- 3a. Duplicated genes arranged in tandem (TDGs) with dS values between 0 and 2.
- 3b. Duplicated genes arranged in tandem (TDGs) with dS values between 2 and 4.
- 3c. Duplicated genes arranged in tandem (TDGs) with dS values higher than 4.
4. Duplicated genes that are dispersed (=not arranged in tandem, non-TDGs).
5. Duplicated genes arranged in tandem that are conserved between *D. melanogaster* and *A. gambiae* (cons TDGs).
- 5a. As above, but with genes organized in groups of duplicates.
6. Duplicated genes arranged in tandem that are not conserved between *D. melanogaster* and *A. gambiae* (cons TDGs).
- 6a. As above, but with genes organized in groups of duplicates.
7. Groups of dispersed duplicated genes that are conserved between *D. melanogaster* and *A. gambiae* (non cons TDGs).
8. Groups of genes that are conserved between *D. melanogaster* and *A. gambiae*, are located in regions of synteny between both species, and are separated by 10 or less not conserved genes. TDGs have been removed from this set.