

[illegible]

Phylogenetic tree showing the relationships between Drosophila Or genes and human OR69 genes. The tree is rooted with DsOr19a1 and DsOr19a2. The scale bar represents 0.01 substitutions per site.

Key nodes and branches are labeled with bootstrap values. The tree shows several clusters of genes, including DsOr33, DsOr23, DsOr59, DsOr7, DsOr42, DsOr59c, DsOr42b, DsOr98a, DsOr22b, DsOr71a, DsOr94a, DsOr94b, DsOr46aA, DsOr46aB, DsOrco, DsOr83c, DsOr67d, DsOr85f, DsOr49a2, DsOr49a1, DsOr85d, DsOr85b, DsOr85c, DsOr67a1, DsOr67a3, DsOr67a4, DsOr67a5, DsOr67a2, DsOr92a, DsOr67c, DsOr88a, DsuzOR69aD, DsuzOR69aC, DmelOR69aA, DsuzOR69aA, DsuzOR69aE, DsuzOR69aB, DmelOR69aB, DsOr47b, DsOr65a, DsOr65c2, DsOr65c1, DsOr13a, DsOr22c, DsOr10a, DsOr24a, DsOr45b, DsOr1a, DsOr45a, DsOr82a, DsOR9a, DsOr47a, DsOr98b, DsOr63a, DsOr67b, DsOr35a, DsOr56a, DsOr43a, DsOr30a, DsOr49b, DsOr83a, and DsOr85e.