



Figure S1 Read Counts and Depth of Coverage by Chromosome

(Top) The number of reads mapped to the reference genome is shown for each *Drosophila* line. Contigs other than the 5 major chromosome arms (X, 2L, 2R, 3L, 3R) and chromosome 4 are grouped into the ‘other’ category. Unmapped reads constituted 8% of the total reads, on average. **(Bottom)** The average depth of coverage is shown for each line, for each of the 5 major chromosome arms (X, 2L, 2R, 3L, 3R) and chromosome 4, with most lines having average depth > 12 for most chromosomes.