



Additional Figure 2. Statistical test to define tandemly and dispersed duplicated genes. (a, b) The probability to find the same distribution of TDGs present in the *D. melanogaster* genome in 10,000 randomly reshuffled genomes, plotted against distance in the same chromosome in intervening genes (i-genes). There is high statistical support ($p < 0,01$) to define as tandems those genes that are separated by up to 19 intervening genes (black line). This value is of 9 intervening genes when only the most divergent ($dS > 4$) relations are used (red line). (b) is an enlargement of (a) for values of 0 to 30 intervening genes and p-values of 0 to 0.3. The dotted line indicates a p-value of 0,01.