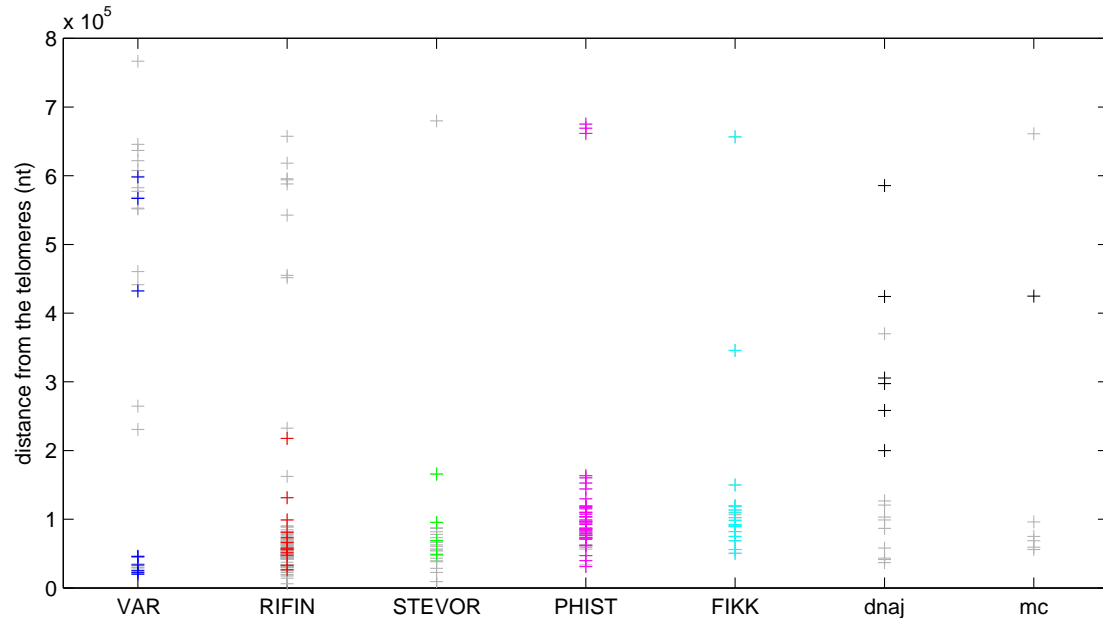


Distance from the telomeres of members from different multigene families



Illustrated is the distance of members of *Plasmodium* multigene families from the telomeres. Family members that showed significant regulation levels in the circular PCA analysis of the *P. falciparum* HB3 transcriptome are displayed in color. Plotted in gray are the positions of the gene family members that did not enter the circular PCA analysis due to a signal-to-noise threshold [see also Additional data file 8]. Most members of *var*, *rifin*, *stevor*, Pfmc-2TM (*mc*), DnaJ-domain, and PHIST-domain proteins are located within the first $\sim 200,000$ subtelomeric nucleotides. Please note that this span approximately corresponds to our analysis of gene loci showing early upregulation (e.g., as shown in figures 5, 6, and 7). Distances are given in 10^5 nucleotides.