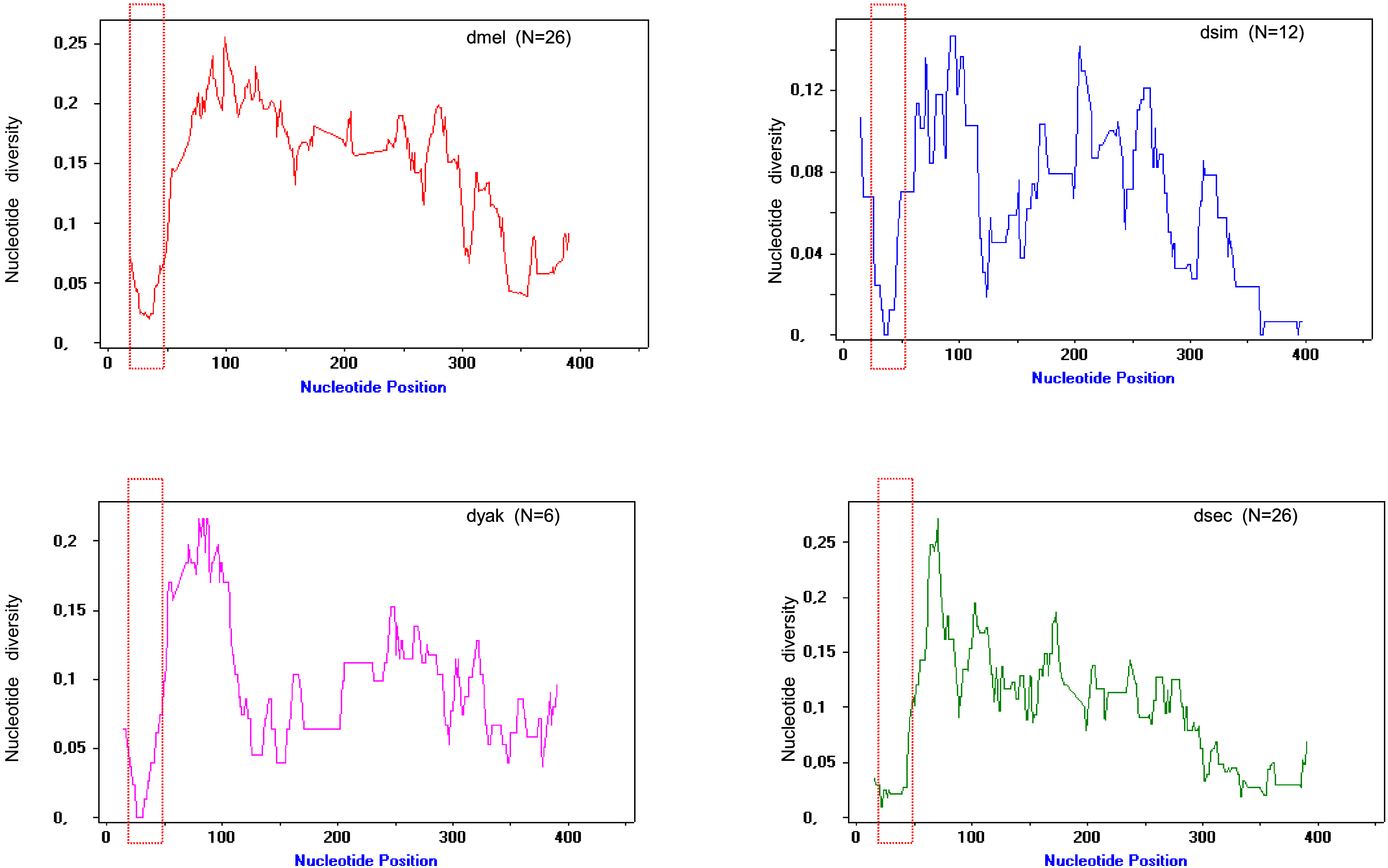

Figure S1. **Conservation of the 3' UTR sequence of *HeT-A* in different Drosophila species**. Sliding windows (window size=25 ntds, step=1ntd) showing the nucleotide diversity of the last 400 nucleotides of the *HeT-A* 3' UTR in different Drosophila species. The R2 region is labeled with a red rectangle and corresponds to the piRNA target HeT-A_pi1. Only sequences with homology within the last 500bp of the 3'UTR of the HeT-A 4R6268 copy (*D. melanogaster*) and longer than 350 ntds. were used (see supp. Table S2).