**Supplementary Table 2.** Number of monomers identified for the *1.688* satDNA 190 bp subfamily in nine of the 14 species with assembled genomes. We did not identify this subfamily in *D. melanogaster, D. eugracilis, D. biarmipes, D. takahashii* and *D. elegans*.

|  |  |
| --- | --- |
| Species | Number of 190 bp subfamily monomers identified |
| *D. simulans* | 10 |
| *D. sechellia* | 33 |
| *D. mauritiana* | 94 |
| *D. erecta* | 31 |
| *D. orena* | 13 |
| *D. yakuba* | 524 |
| *D. suzukii* | 228 |
| *D. ficusphila* | 95 |
| *D. rhopaloa* | 40 |