Figure S9  Net alignment of the whole genome assemblies from five Drosophila species against the *D. mojavensis* F element shows a single region (i.e. hotspot) where five of the six *D. melanogaster* wanderer genes are found. A similar hotspot on the *D. grimshawi* F element contains three of the four wanderer genes relative to *D. melanogaster* and one wanderer gene (yellow-h) relative to *D. mojavensis*. We have changed the color of the Net alignments to reflect the assignment of genomic scaffolds to Muller elements determined by previous studies (Schaeffer et al. 2008; Koerich et al. 2008).