Additional File 5. One possible ancestral *Pokey* recombination graph.

The graph was constructed from 40 different *Pokey* sequences from members of the *Daphnia pulex* complex and shows 89 recombination events. Ovals at the bottom of the graph represent *Pokey* alleles. Ovals with a trifurcation represent putative recombination events. Colors represent species or hybrid state of isolates: red = *D. pulex*, light blue = *D. arenata*, grey = *D. tenebrosa*, black = European *D. pulex*, dark blue = European *D. pulicaria*, green = *D. pulicaria*, orange = putative *pulex-pulicaria* hybrids, purple = the isolate with *D. tenebrosa* mtDNA and a *D. pulex* nuclear genome. Red lines represent the evolutionary history of the Pokey allele TE3-MB-4_12.

