



**Figure S1** Mismatch distribution for each matriline of *R. oxycephalus*. The abscissa indicates the number of pairwise differences between compared sequences. The ordinate is the frequency for each value. Histograms are the observed frequencies of pairwise divergences among sequences and the line refers to the expectation under the model of population expansion. (a–d) Mismatch distribution for the matriline B1, B2, C1 and C2, respectively.