BUSCO Assessment Results Complete (C) and single-copy (S) Complete (C) and duplicated (D) Missing (M) Fragmented (F) Mexican tetra C:4316 [S:4131, D:185], F:101, M:167, n:4584 Grass carp Common carp Zebrafish Electric Eel Stickleback Atlantic cod Channel catfish Croaker Spotted gar Tanaka's snailfish MHS Turquoise killifish C:4151 [S:4071, D:80], F:258, M:175, n:4584 Marine medaka Nile tilapia Salmon Bicolor damselfish Fugu Spotted pufferfish Platyfish YHS

S4 Fig. BUSCO completeness assessment of 21 teleost species. The genome completeness of 21 teleost species was estimated using BUSCO v3.03 against the Actinopterygii_odb9 database. YHS: Yap hadal snailfish, MHS: Mariana hadal snailfish.

40

ó

20

60

%BUSCOs

80

100