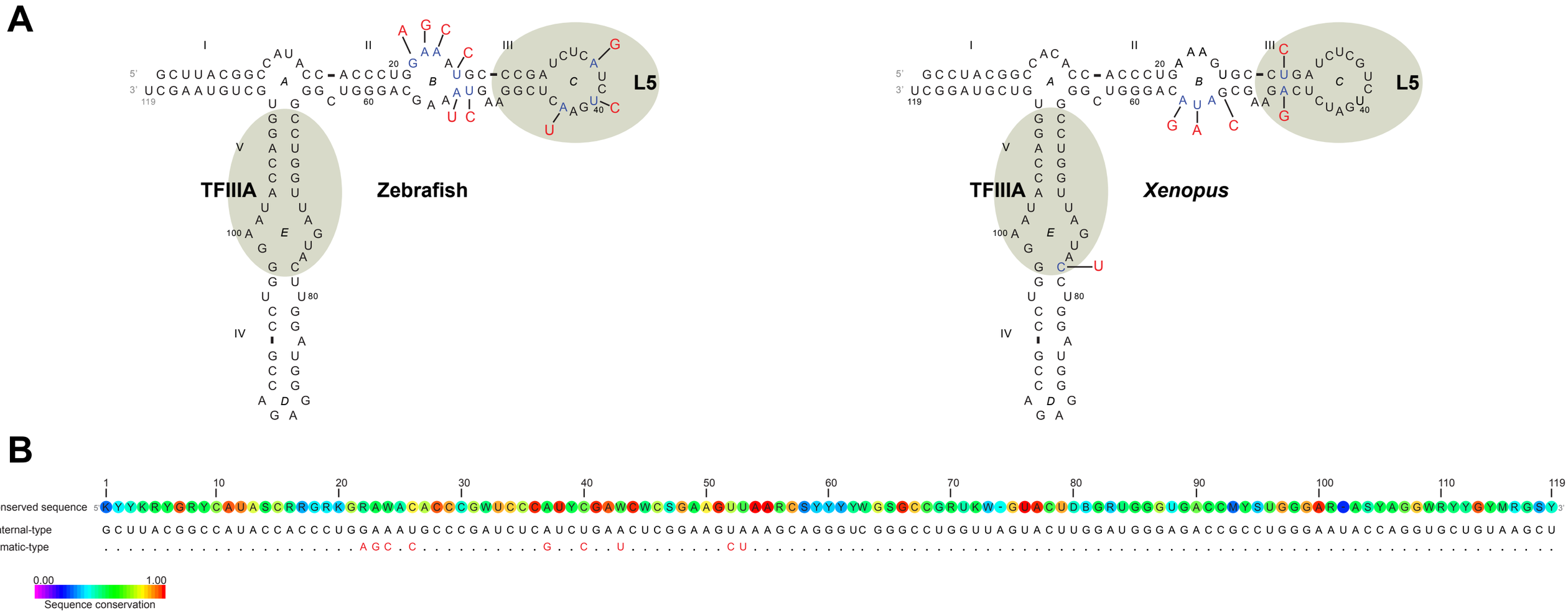

Supplemental Figure S6. Comparing the 5S rRNA types.

A: Somatic-specific nucleotide substitutions of zebrafish and *Xenopus laevis* 5S rRNA. The secondary structure of zebrafih and *X. laevis* maternal-type 5S rRNA is shown. Somatic-specific substitutions are colored in red. The binding sites for TFIIIA and L5 are in green. Hinge (*A*), loops (*B-E*) and helices (I-V) are also indicated.

B: Linking the sequence differences of the zebrafish maternal- and somatic-type sequences to the conservation of 5S rRNA sequence according to Rfam.

C: Comparison of the maternal and somatic-type sequences in different organisms.