

**SUPPLEMENTARY FIG. S4.** The dorsal fin morphology is consistent through phenotype stages between fish of differing genotypes. Leopard mutants  $(cx41.8^{t1})$  and albino mutant fish  $(slc45a2^{b4})$  were stage matched by SL to appropriate wildtype fish. Wildtype fish DP1–5 (**A**, **D**, **G**, **J**, **M**), leopard pigmented fish (**B**, **E**, **H**, **K**, **N**), and albino fish (**C**, **F**, **I**, **L**, **O**) show different development of pigment pattern.