



**SUPPLEMENTARY FIG. S3.** The anal fin morphology is consistent through phenotype stages between fish of differing genotypes. Leopard mutants (*cx41.8<sup>l1</sup>*) and albino mutant fish (*slc45a2<sup>b4</sup>*) were stage matched by SL to appropriate wildtype fish. Wildtype fish AP1–5 (**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.