S2 Fig: Homozygous loss of atrx does not affect hematopoietic stem/progenitor cell development. (A) Whole-mount in situ hybridization for c-myb at 36 hpf and 5 dpf in wildtype (WT), atrx+/− heterozygous fish and atrx−/− homozygous mutants as indicated. Boxes outline the AGM region at 36 hpf and the CHT region at 5 dpf, and are magnified in the right panels. c-myb signal intensities at 36 hpf (B) and 5 dpf (C) in fish with different atrx backgrounds were calculated. Horizontal bars indicate the means ± SEM, which were compared with the two-tailed unpaired t-test; ns = not significant. (D) Erythroid progenitors development visualized by GFP in the Tg(gata1:GFP) transgenic line with wildtype (WT) or atrx−/− background at 12 dpf. AGM = aorta-gonad-mesonephros; CHT = caudal hematopoietic tissue; H = heart; KM = kidney marrow; hpf = hours post fertilization; dpf = days post fertilization.