



Fig. S1. Morphological development of liver in transgenic fish expressing *EGFP-kras^{V12}*. Comparison of liver morphogenesis between LiPan control [*Tg(fabp10:dsRFP; elaA:EGFP)*] zebrafish (A-D) and two representative cases of abnormal liver morphology distinguished by different degrees of liver enlargement/hyperplasia at the early stages (E-H and I-L) observed in the F₁/I *Tg(fabp10:EGFP-kras^{V12})* zebrafish. Note that there were no obvious differences between these two cases at the later stages. (A,E,I) 7 dpf (day post-fertilization); (B,F,J) 15 dpf; (C,G,K) 30 dpf; (D,H,L) 90 dpf. All big images are lateral view whereas all insets are ventral view.