Figure S7. Stat3 interacts with Hairy2 and FGFR4 through separate domains. (A) Overexpressed Hairy2-Flag but not Hes6-Flag, Hes2-Flag, or ESR10-Flag interacts with Stat3-HA in co-IP. (B) Overexpressed Hairy2-HA interacts with FGFR4-IC-Flag but not with FGFR1-3-IC-Flag. (C) Mapping of the domains required for Hairy2-Stat3 interaction. Note that only the Hairy2 deletion mutants containing the Orange domain interact with Stat3. (D) Mapping of the domains required for Hairy2-FGFR4 interaction. Note that the Hairy2 N-terminal domain is required for FGFR4-IC interaction. H and L are heavy and light chains respectively. (E) Schematic representation of the deletion mutants of Hairy2 used in (B) and (D). The interaction domains with FGFR4-IC and Stat3 are boxed in red.