Supplementary Figure 6. Anti-GDNF corrected ENS hyperplasia of Sprouty2-deficient mice. Two-week-old WT and Sprouty2-/-(KO) pups were treated with control IgG or monoclonal anti-GDNF antibody (R&D Systems, MAB212) (0.125 mg X two times/week) until 4 weeks of age, then ENS was examined with whole mount anti-PGP9.5 immunostaining. The numbers of anti-PGP9.5-positive cells per plexus (a) in the esophagus and distal colon were calculated. (*P<0.005, n = 8) (three mice were used for each measurement). (b) Photographs of the esophagus and stomach from the treated WT and Sprouty2-/-(KO) mice.