**Aldh2 Attenuates Stem Cell Factor/Kit Dependent Signaling**

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**Figure S1.** Aldh2 deficiency does not alter FcεRI-mediated signaling in BMMC. (a) Changes in the phosphorylation of Syk and LAT at 0, 3, 7 and 15 min after activation with IgE/Ag of Aldh2+/+ or Aldh2−/− BMMCs, as indicated. BMMCs were sensitized with anti-DNP IgE (100 ng/mL) overnight, then washed and challenged with 100 ng/mL of Ag (DNP-HSA). Lysates were obtained and phosphorylation of Syk and LAT determined by Western blotting. The histograms below show the...
average fold changes in band intensities after normalization using β-actin as a loading control. (b) Changes in Syk tyrosine kinase phosphorylation in immunoprecipitates of Aldh2+/+ or Aldh2−/− BMMCs after stimulation with IgE/Ag for various times, as indicated. (c) Changes in the phosphorylation of PLCγ1, Akt, Jnk and Erk at 0, 3, 7 and 15 min after activation with IgE/Ag of Aldh2+/+ or Aldh2−/− BMMCs. Lysates were obtained and phosphorylation of Syk and LAT determined by Western blotting. The histograms below show the average fold changes in band intensities after normalization using β-actin as a loading control. Data are the mean ± SEM of 3 independent cultures. N.s., not significant.