Supplementary Figure 5

A

4HT i.p. injection of 4-HT (0.5 mg/ body/ every other day) FACS

B

Total cell counts (x 10^6)

BM  Thymus

C

Control  4-HT

HSC  c-Kit  Sca-1

CLP  c-Kit  Sca-1

ProB/ PreB  CD3/4/8

TN  CD43

D

Control  4-HT

CMP/GMP/MEP  CD34

FcR/III

GMP  MEP  CMP
Supplementary Figure 5. Two-week administration of 4-HT in C/EBPα-ER Tg mice

(A) Administration schedule of 4-HT. (B) Effect of 2 weeks of administration of 4-HT on absolute number of BMMNCs (femurs plus tibias) and thymocytes. (C) Two weeks of administration of 4-HT decreases hematopoietic stem cell and lymphoid progenitor cells (CLP, pre-B, TN cells) in C/EBPα-ER Tg mice. Percentages of each stem cell/progenitor fraction against parental population are shown in each figure. (D) Two weeks of administration of 4-HT does not induce significant changes in the CMP/GMP/MEP profile.