В С Α 10.0ns 5ns 20₇ ns diameter (mm) -9 -01 4 3 2 1 (b/bm) M8 /ds 0 0.0-0-Eos-null WΤ WT Eos-null WT Eos-null Ε D F * * 20-**5**. 5· * * BM LSK (10^4) -01 -02 SP LSK (10^3) **4**· 4 SP/BW (mg/g) 3-3. 2 2-1 0-0. 0 NS OVA NS OVA NS NS OVA NS OVA OVA OVA NS wт Eos-null Eos-null WT Eos-null WT G Η cell number (10^A3) 9 08 01 7 9 80-WT-NS WT-NS WT-OVA cell number (10^4) WT-OVA Eos-null NS Eos-null OVA 60-Eos-null NS 90 Eos-null OVA 00 40 8 20

0

GMP

MEP

CMP

0

LT

MPP

. ST

Supplementary Figure 3: Eos depletion rescues the HSC defect in *IL-5* Tg mice.

Supplementary Figure S3 Eos depletion rescues the HSC defect in *Il-5* Tg mice.

(A, B) Changes in the spleen appearances: long diameter (A) and spleen weight (B) compared with body weight. (C) Absolute total HSC numbers in the BM of Eos-null mice and their littermates. (D) Spleen weight compared with body weight of Eos-null mice and their littermates under OVA-treatment. (E, F) Absolute total LSK numbers in the BM (E) and SP (F) of Eos-null mice and littermates under OVA-treatment. (G, H) Absolute numbers of stem cells (G) and progenitor cells (H) in the BM of Eos-null and littermates under OVA-treatment. Data are shown as the means \pm SEM with 6 samples per group. ns: not significant; *p < 0.05 versus the respective controls.