

## Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: List of genes with significantly differential expression analyzed by RNA-seq. *Rag1*<sup>-/-</sup>*Rorc*<sup>gfp/+</sup> mice were treated with PBS or 1ug of 2-DR3 once and large intestinal LPLs were isolated 3 days later. Duplicates mRNA of FACS purified ILC3s (Lin<sup>-</sup>GFP<sup>+</sup>) cells was exacted and subjected to genome-wide analysis (RNA-seq). FPKM value in all detected genes in duplicate samples, genes with significant change in expression and genes with the expression significantly up or down for more than 1.5 fold were shown.