

SUPPLEMENTARY MATERIAL

Supplementary Figure 1. A. Representative examples of flow cytometry analysis (left panel) and frequencies of ILC subset (middle panel) and ILC2 cKit^{high} and cKit^{low} (right panel) among lymphocytes in HDs and mastocytosis patients (n = 6). B. Representative examples (left panel) and frequencies (right panel) of Th subsets among lymphocytes in HDs and mastocytosis patients (n = 6). C. Representative example of flow cytometry analysis of ILC2 producing type-2 cytokines. D. Quantification of type-2 cytokines in serum. E. IL-9R expression assessed by RNA-seq on ILC1, ILC2 and ILCP. F. IL-9R expression assessed by flow cytometry analysis in cKit^{high} and cKit^{low} ILC2. G. Quantification of type-2 cytokines in cell culture supernatants of ILC2 treated or not with IL-33, VEGF, IL-1 β and PGD2 (n = 3). H. Representative examples of flow cytometry analysis of Treg in HDs and mastocytosis patients. Data are shown as mean \pm SEM and were analysed by Mann-Whitney (* p < 0.05; ** p < 0.01).

