Table S1. Bone marrow and spleen populations in 12 wk WT, dnRAG1, Eμ-TCL1, and DTG mice on $Cd1d^{+/+}$ or $Cd1d^{del/del}$ backgrounds

Source and Subset	WT $Cd1d^{+/+}$ (n=4)	dnRAG1 $Cd1d^{+/+}$ (n=4)	Eμ-TCL1 $Cd1d^{+/+}$ (n=4)	DTG $Cd1d^{+/+}$ (n=4)	WT $Cd1d^{del/del}$ (n=4)	dnRAG1 $Cd1d^{del/del}$ (n=4)	Eμ-TCL1 $Cd1d^{del/del}$ (n=4)	DTG $Cd1d^{del/del}$ (n=4)
Bone Marrow								
Total Cellularity (x10^5)	325±61	372±53	388±39	433±59	366±38	318±17	352±63	357±26
Total Lymphocytes (x10^5)	131±20	143±18	156±17	190±25	141±17	122±10	141±25	152±11
B220$^+$CD43$^+$IgM$^-$ [a]	2.7±0.2	2.8±0.3	3.3±0.8	3.0±0.6	2.4±0.6	1.9±0.4	2.2±0.5	2.2±0.5
B220$^+$CD43$^-$ [a]	42±3	44±5	56±3	54±4	48±8	31±3	57±13	42±3
Pre-B (IgM$^-$ IgD$^-$) [b]	23±2	24±3	30±0.5	34±1	26±4	19±2	29±7	28±3
Immature (IgM$^+$ IgD$^-$) [b]	7.2±0.8	6.9±1.6	8.4±0.4	7.7±0.1	8.4±1.3	5.2±0.6	9.3±2.4	6.3±1.1
Mature (IgM$^+$ IgD$^+$) [b]	11±1	7.2±0.7	16±2	8.4±0.8	12±3	5.3±0.4	17±4	5.6±0.4
Spleen								
Total Cellularity (x10^5)	470±52	524±48	465±91	950±138	479±52	514±84	360±70	865±136
Total Lymphocytes (x10^5)	306±33	341±35	320±71	644±98	317±32	334±54	237±47	623±107
CD19$^+$ [c]	116±15	143±7	117±17	413±65	102±16	150±19	84±18	417±72
B220^{hi}AA4.1$^+$ CD5$^-$ [d]	21±2	16±1	22±3	14±2	16±2	9.5±1.9*	12±3*	6.9±0.8*
T1 (IgM^{hi}CD23$^-$) [e]	9.8±1.1	9.9±1.0	12±2	9.7±1.3	8.0±0.9	6.0±1.3	6.8±1.9*	4.6±0.6*
T2 (IgM^{hi}CD23$^+$) [e]	5.6±0.3	1.8±0.1	5.0±0.8	0.84±0.15	4.1±0.7*	1.0±0.2	2.5±0.8*	0.38±0.07
T3 (IgM^{dim}CD23$^+$) [e]	2.6±0.3	0.89±0.08	2.3±0.3	0.46±0.05	1.9±0.2*	0.47±0.06	0.89±0.21*	0.21±0.03
B220^{hi}AA4.1$^-$ CD5$^-$ [d]	79±12	47±3	79±13	31±3	71±11	36±5	59±12	27±3
MZ (CD21^{hi}CD23$^-$) [f]	3.1±0.7	7.1±0.7	4.7±1.4	1.6±0.4	3.9±0.7	5.1±1.1	3.2±0.9	1.1±0.3
FM (CD21^{int}CD23^{int}) [f]	68±10	29±2	65±10	18±1	60±10	21±3	45±9	15±2
CD5$^+$ [d]	8.2±0.5	71±5	8.9±1.1	349±63	7.5±1.5	98±13	8.3±1.5	371±73
B220$^-$CD3$^+$ [c]	111±8	120±14	110±26	119±18	120±9	102±21	86±23	111±13
CD4$^+$ [g]	63±5	74±10	62±15	72±10	67±6	62±13	48±13	69±9
CD8$^+$ [g]	39±3	36±5	39±10	36±8	44±3	32±7	30±9	30±4
Total CD1d-tet$^+$ [g]	1.5±0.1	2.7±0.5	1.2±0.2	2.0±0.4	0.02*	0.02*	<0.01*	0.02*
NK1.1$^+$CD1d-tet$^+$ [h]	0.90±0.11	1.4±0.3	0.74±0.10	1.2±0.2	<0.01*	<0.01*	<0.01*	<0.01*
NK1.1$^-$CD1d-tet$^+$ [h]	0.62±0.11	1.2±0.2	0.46±0.12	0.84±0.14	<0.02*	<0.02*	<0.01*	<0.02*

[a] Total cells (x 10^5) calculated from Ly6C$^-$DX5$^-$CD4$^-$ cells within a lymphocyte gate.

[b] Total cells (x 10^5) calculated from gated B220$^+$CD43$^-$ cells.

[c] Total cells (x 10^5) calculated from gated lymphocytes.

[d] Total cells (x 10^5) calculated from gated CD19$^+$ cells.

[e] Total cells (x 10^5) calculated from gated B220^{hi}AA4.1$^+$CD5$^-$ cells.

[f] Total cells (x 10^5) calculated from gated B220^{hi}AA4.1$^-$ CD5$^-$ cells

[g] Total cells (x 10^5) calculated from gated B220$^-$ CD3$^+$ lymphocytes.

[h] Total cells (x 10^5) calculated from gated CD1d-tet$^+$ lymphocytes.

* $p < 0.05$ compared to similar $Cd1d^{+/+}$ counterpart (e.g. dnRAG1 $Cd1d^{del/del}$ vs dnRAG1 $Cd1d^{+/+}$).