

Table S1. The list of the selected down and up regulated genes in all groups.

A. plusNdT vs. bT			
Gene symbol	Gene name	Fold change	adj. p.val
ALAS2	5'-aminolevulinate synthase 2	11.61	<0.01
SNORA13	small nucleolar RNA, H/ACA box 13	10.36	<0.01
SNORA50C	small nucleolar RNA, H/ACA box 50C	10.06	<0.01
SNORD70	small nucleolar RNA, C/D box 70	9.08	<0.01
SNORA26	small nucleolar RNA, H/ACA box 26	8.93	<0.01
SNORA5A	small nucleolar RNA, H/ACA box 5A	8.38	<0.01
H2AC13	H2A clustered histone 13	8.03	<0.01
LOC105377884	uncharacterized LOC105377884	7.11	<0.01
SNORD121A	small nucleolar RNA, C/D box 121A	7.05	<0.01
SCARNA14	small Cajal body-specific RNA 14	6.26	<0.01
CFD	complement factor D	3.99	<0.01
CFP	complement factor properdin	3.12	<0.01
IFN-GAMMA	interferon gamma	2.3	<0.01
IL-1BETA	interleukin 1 beta	1.74	<0.01
CCL2	C-C motif chemokine ligand 2	1.41	<0.01
USP17L12	ubiquitin specific peptidase 17 like family member 12	-22.59	<0.01
USP17L17	ubiquitin specific peptidase 17 like family member 17	-24.04	<0.01
USP17L18	ubiquitin specific peptidase 17 like family member 18	-24.99	<0.01
USP17L20	ubiquitin specific peptidase 17 like family member 20	-25.35	<0.01
USP17L11	ubiquitin specific peptidase 17 like family member 11	-25.62	<0.01
USP17L25	ubiquitin specific peptidase 17 like family member 25	-25.71	<0.01
USP17L22	ubiquitin specific peptidase 17 like family member 22	-26.35	<0.01
USP17L6P	ubiquitin specific peptidase 17 like family member 6, pseudogene	-27.12	<0.01
USP17L5	ubiquitin specific peptidase 17 like family member 5	-30.68	<0.01
ZNF595	zinc finger protein 595	-46.52	<0.01
B. minusNdT vs. bT			
SERPING1	serpin family G member 1	5.45	<0.01
HP	haptoglobin	3.77	<0.01
SIGLEC14	sialic acid binding Ig like lectin 14	3.71	<0.01
CHI3L1	chitinase 3 like 1	3.63	<0.01
SCARNA5	small Cajal body-specific RNA 5	3.49	<0.01
IFI44	interferon induced protein 44	3.47	<0.01
IFI44L	interferon induced protein 44 like	3.41	<0.01
H2BC8	H2B clustered histone 8	3.26	<0.01
RSAD2	radical S-adenosyl methionine domain containing 2	3.19	<0.01
CRISP3	cysteine rich secretory protein 3	3.13	<0.01
TRGV3	T cell receptor gamma variable 3	-2.98	<0.01
CD22	CD22 molecule	-2.98	<0.01
CD79A	CD79a molecule	-3.23	<0.01
JCHAIN	joining chain of multimeric IgA and IgM	-3.29	<0.01
DEFA4	defensin alpha 4	-3.32	<0.01
IL18RAP	interleukin 18 receptor accessory protein	-3.39	<0.01
OLAH	oleoyl-ACP hydrolase	-3.98	<0.01
IL18R1	interleukin 18 receptor 1	-4.01	<0.01
PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	-4.97	<0.01
IL1R2	interleukin 1 receptor type 2	-5.76	<0.01
C. plusNdT vs. minusNdT			

ALAS2	5 ⁻ -aminolevulinate synthase 2	18.01	<0.01
SNORA13	small nucleolar RNA, H/ACA box 13	9.77	<0.01
SNORD70	small nucleolar RNA, C/D box 70	7.69	<0.01
TRGV3	T cell receptor gamma variable 3	7.65	<0.01
SNORA50C	small nucleolar RNA, H/ACA box 50C	7.64	<0.01
SNORA26	small nucleolar RNA, H/ACA box 26	7.63	<0.01
SNORA5A	small nucleolar RNA, H/ACA box 5A	7.16	<0.01
SNORD111	small nucleolar RNA, C/D box 111	6.12	<0.01
RNU5D-1	RNA, U5D small nuclear 1	6.10	<0.01
SNORD121A	small nucleolar RNA, C/D box 121A	5.92	<0.01
CFD	complement factor D	3.05	<0.01
IFN-GAMMA	interferon gamma	1.9	<0.01
CFP	complement factor properdin	1.77	<0.01
IL-1BETA	interleukin 1 beta	1.26	0.06
CCL2	C-C motif chemokine ligand 2	1.13	0.3
USP17L12	ubiquitin specific peptidase 17 like family member 12	-12.59	<0.01
USP17L25	ubiquitin specific peptidase 17 like family member 25	-13.71	<0.01
USP17L20	ubiquitin specific peptidase 17 like family member 20	-13.79	<0.01
LINC00965	long intergenic non-protein coding RNA 965	-13.80	<0.01
USP17L18	ubiquitin specific peptidase 17 like family member 18	-13.89	<0.01
USP17L22	ubiquitin specific peptidase 17 like family member 22	-13.98	<0.01
USP17L11	ubiquitin specific peptidase 17 like family member 11	-13.99	<0.01
USP17L6P	ubiquitin specific peptidase 17 like family member 6, pseudogene	-14.80	<0.01
USP17L5	ubiquitin specific peptidase 17 like family member 5	-15.99	<0.01
ZNF595	zinc finger protein 595	-31.57	<0.01