Appendix 2. Data obtained during maturation

Gene	Sia^{+}	Sia^{-}	Fold change
B-cell CLL/lymphoma 6	0.98	1.04	**-0.06**
CCAAT/enhancer binding protein (C/EBP), alpha	2.02	1.49	**0.53**
CCAAT/enhancer binding protein (C/EBP), beta	0.67	1.07	**-0.40**
CD14 molecule	1.23	1.06	**0.16**
CD1a molecule	6.28	0.86	**5.42**
CD1b molecule	2.05	0.75	**1.30**
CD1c molecule	1.61	0.53	**1.08**
CD1d molecule	1.23	1.50	**-0.27**
CD2 molecule	2.03	0.94	**1.09**
CD209 molecule	0.95	0.99	**-0.04**
CD28 molecule	1.15	1.05	**0.11**
CD4 molecule	0.78	0.97	**-0.19**
CD40 Ligand	1.91	1.29	**0.61**
CD40 molecule, TNF receptor superfamily member 5	0.76	0.89	**-0.13**
CD44 molecule (Indian blood group)	1.38	1.00	**0.38**
CD74 molecule, major histocompatibility complex, class II invariant chain	0.72	1.07	**-0.35**
CD80 molecule	-3.75	0.93	**-4.69**
CD86 molecule	0.65	0.90	**-0.26**
CD8a molecule	1.09	1.72	**-0.64**
Cell division cycle 42 (GTP binding protein, 25kDa)	0.88	1.07	**-0.20**
Chemokine (C-C motif) ligand 11	2.33	1.28	**1.06**
Chemokine (C-C motif) ligand 13	0.77	0.90	**-0.13**
Chemokine (C-C motif) ligand 16	0.91	1.09	**-0.18**
Chemokine (C-C motif) ligand 17	0.68	0.91	**-0.22**
Chemokine (C-C motif) ligand 19	-24.52	0.73	**-25.25**
Chemokine (C-C motif) ligand 2	-3.88	1.07	**-4.94**
Chemokine (C-C motif) ligand 21	0.65	0.82	**-0.17**
Chemokine (C-C motif) ligand 22	1.20	0.99	**0.21**
Chemokine (C-C motif) ligand 23	0.96	0.97	**-0.01**
Chemokine (C-C motif) ligand 24	0.85	0.78	**0.07**
Chemokine (C-C motif) ligand 3	0.54	1.05	**-0.51**
Chemokine (C-C motif) ligand 4	0.68	1.06	**-0.39**
Chemokine (C-C motif) ligand 5	-6.79	1.06	**-7.85**
Chemokine (C-C motif) ligand 7	-11.58	0.92	**-12.50**
Chemokine (C-C motif) ligand 8	-1.07	0.88	**-1.94**
Chemokine (C-C motif) receptor 1	0.66	1.04	**-0.38**
Chemokine (C-C motif) receptor 2	0.68	0.99	**-0.32**
Chemokine (C-C motif) receptor 3	1.44	1.05	**0.39**
Chemokine (C-C motif) receptor 4	-3.66	0.87	**-4.53**
Chemokine (C-C motif) receptor 5	0.96	1.15	**-0.19**
Chemokine (C-C motif) receptor 7	-2.80	1.02	**-3.82**
Chemokine (C-X-C motif) ligand 10	-60.58	0.93	**-61.51**
Chemokine (C-X-C motif) ligand 2	0.72	1.02	**-0.30**

Chemokine (C-X-C motif) ligand 3	1.75	1.20	**0.55**
Chemokine (C-X-C motif) ligand 5	-2.21	0.69	**-2.90**
Chemokine (C-X-C motif) ligand 6	0.83	1.05	**-0.22**
Chemokine (C-X-C motif) ligand 9	-3.44	1.14	**-4.59**
Chemokine (C-X-C motif) receptor 1	1.41	0.85	**0.56**
Chemokine (C-X-C motif) receptor 2	-2.66	1.03	**-3.70**
Chemokine (C-X-C motif) receptor 4	1.14	1.06	**0.08**
Chemokine(C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	-0.75	2.25	**-3.00**
Chemokine(C-X-C motif) ligand 12	0.98	1.13	**-0.15**
Colony stimulating factor 1	0.73	1.22	**-0.49**
Colony stimulating factor 1 receptor	0.76	0.93	**-0.17**
Colony stimulating factor 2 (granulocyte-macrophage)	1.29	0.99	**0.30**
Complement component 3	1.10	1.19	**-0.09**
Complement component 3a receptor 1	-4.77	1.54	**-6.31**
C-reactive protein, pentraxin-related	0.83	1.05	**-0.22**
C-type lectin domain family 4, member C	0.98	1.13	**-0.15**
Cyclin dependent kinase inhibitor 1A (p21, Cip1)	0.78	0.95	**-0.17**
Fas ligand (TNF superfamily, member 6)	0.73	1.33	**-0.60**
FBJ murine osteosarcoma viral oncogene homologue	1.29	1.08	**0.21**
Fc fragment of IgE, high affinity I, receptor for, alpha polypeptide	2.12	0.83	**1.29**
Fc fragment of IgE, low affinity II, receptor for, CD23	1.07	1.04	**0.03**
Fc fragment of IgG, high affinity Ia, receptor (CD64)	-6.77	1.42	**-8.19**
FMS-related tyrosine kinase 3	0.71	1.06	**-0.35**
FMS-related tyrosine kinase 3 ligand	-2.22	1.07	**-3.29**
Integrin, alpha M (complement component 3 receptor 3 subunit)	1.24	0.92	**0.33**
Integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)	0.99	1.02	**-0.03**
Intercellular adhesion molecule 1	0.54	0.83	**-0.30**
Intercellular adhesion molecule 2	-3.68	1.08	**-4.76**
interferon regulatory factor 7	-4.18	1.14	**-5.32**
interferon regulatory factor 8	0.67	0.92	**-0.25**
Interferon, gamma	0.91	2.73	**-1.82**
Interleukin 1 receptor accessory protein	1.61	1.14	**0.48**
Interleukin 1 receptor antagonist	0.95	1.10	**-0.15**
Interleukin 1 receptor, type 1	1.42	1.01	**0.40**
Interleukin 1, beta	1.33	0.96	**0.36**
Interleukin 1,alpha	1.11	0.64	**0.47**
Interleukin 10	-5.93	1.02	**-6.95**
Interleukin 10 receptor, beta	0.75	1.19	**-0.44**
Interleukin 12A	-4.64	2.36	**-7.00**
Interleukin 12B	5.25	0.86	**4.40**
Interleukin 15	0.90	0.96	**-0.06**
Interleukin 16	2.68	0.77	**1.91**
Interleukin 17A	0.83	1.05	**-0.22**
Interleukin 18 (Interferon-gamma-inducing factor)	0.67	1.06	**-0.39**
Interleukin 2	1.44	1.13	**0.31**
Interleukin 22	1.15	1.88	**-0.73**
Interleukin 23 receptor	-2.05	0.65	**-2.70**
Interleukin 23, alpha subunit p19	0.64	1.02	**-0.38**
Interleukin 5 (colont stimulating factor, eosinophil)	-2.25	1.62	**-3.88**

Interleukin 6 (Interferon, beta 2)	-2.99	0.76	**-3.75**
Interleukin 6 receptor	0.67	0.87	**-0.20**
Interleukin 8	1.39	1.27	**0.12**
Interleukin 9	-5.34	-2.68	**-2.66**
Kininogen 1	1.22	1.05	**0.17**
Low density lipoprotein-related protein 1 (alpha-2-macroglobin receptor)	1.76	1.17	**0.58**
Lymphocyte antigen 96	1.36	1.17	**0.19**
Lymphotoxin alpha (TNF superfamily, member 1)	-7.96	0.66	**-8.62**
Lymphotoxin beta (TNF superfamily, member 3)	0.80	0.97	**-0.16**
Macrophage migration inhibitory factor (glycosylation-inhibiting factor)	1.03	0.96	**0.07**
Major histocompatibility complex, class I, A	0.74	1.40	**-0.66**
Major histocompatibility complex, class II, DM alpha	0.84	1.02	**-0.18**
Major histocompatibility complex, class II, DP alpha 1	1.07	0.98	**0.08**
Myeloid differentiation primary response gene (88)	0.51	0.97	**-0.45**
Nitric oxide synthetase 2, inducible	0.83	1.45	**-0.61**
Nuclear factor of kappa light polypeptide gene enhancer in B-cells	0.52	0.96	**-0.44**
Nuclear receptor subfamily 3, group c, member 1	0.98	1.18	**-0.19**
Prostaglandin-endoperoxide synthetase 2	0.50	1.21	**-0.71**
protein tyrosine phosphatase, receptor type C	0.98	0.95	**0.03**
Ras-related C3 botulinum toxin substrate 1	0.85	1.11	**-0.25**
Receptor-interacting serine-threonine kinase 2	0.61	1.27	**-0.65**
Selectin E	0.83	1.05	**-0.22**
Signal transducer and activation of transcription 3 (acute-phase response factor)	0.64	0.90	**-0.26**
TAP binding protein (tapasin)	0.94	1.14	**-0.20**
Thrombospondin 1	2.08	1.76	**0.32**
Toll interacting protein	1.05	1.09	**-0.04**
Toll-interleukin 1 receptor (TIR) domain containing adaptor protein	0.97	1.07	**-0.10**
Toll-like receptor 1	0.78	1.13	**-0.35**
Toll-like receptor 2	0.76	1.05	**-0.29**
Toll-like receptor 3	1.04	1.01	**0.03**
Toll-like receptor 4	1.43	1.25	**0.18**
Toll-like receptor 5	1.11	1.73	**-0.62**
Toll-like receptor 6	1.57	0.95	**0.63**
Toll-like receptor 7	-3.35	1.03	**-4.39**
Toll-like receptor 9	0.77	1.48	**-0.71**
Transforming growth factor, beta 1	1.03	1.07	**-0.04**
Transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	-3.20	0.99	**-4.19**
Tumor necrosis factor	0.63	0.91	**-0.28**
Tumor necrosis factor (ligand) superfamily, member 11	-2.50	0.59	**-3.09**
Tumor necrosis factor (ligand) superfamily, member 14	0.82	1.14	**-0.32**
Vascular cell adhesion molecule	-3.22	-2.43	**-0.79**
V-erb-b2 erythroblastic leukemia viral oncogene homolog 2	0.68	0.89	**-0.21**
V-rel reticuloendotheliosis viral oncogene homolog A	0.85	1.10	**-0.25**
V-rel reticuloendotheliosis viral oncogene homolog B	0.67	1.06	**-0.39**
V-yes-1 Yamaguchi sarcoma viral related oncogene homolog	0.66	0.90	**-0.24**