

Cluster number	Description
<b>Intestine-related</b>	
2	Small-intestine-related
3	Paneth cell-related
9	Low in some Paneth cells
10	Small and large intestine-related
15	Large intestine-related
17	Small and large intestine-related
18	Low in some Paneth cells
25	Low in some Paneth cells
34	Low in some Paneth cells
36	Intestine-related
40	Low in some Paneth cells
49	Intestine-related
55	Intestinal chemosensory- and neuroendocrine cell-related
57	High in colonic villi
59	Large intestine-related
62	Low in some Paneth cells
65	FAE- and Peyer's patch M cell-related
70	Intestine-related
71	High in caecum
74	Large intestine-related
80	Paneth cell-related
84	Intestine-related
88	Low in some Paneth cells
89	Low in some Paneth cells
90	Low in some Paneth cells
95	Intestine-related
98	Paneth cell-related
101	Intestine-related
105	Low in Paneth cells
111	Large intestine and NALT-related
116	Intestine-related
117	High in some Paneth cells
118	Paneth cell-related
119	Low in some Paneth cells
121	Large intestine-related
124	Intestine-related
134	Intestine-related
140	Intestine-related
145	Intestine-related
146	High in colonic IEC
148	Intestine-related
150	Low in Paneth cells
151	Intestine-related
156	Low in Paneth cells
166	Large intestine-related
170	Paneth cell-related
181	Small intestine-related
182	Intestine-related

187	Intestine-related
189	Intestine-related
192	Intestine-related
193	Intestine-related
197	Small intestine-related
203	Intestine-related
204	Low in Paneth cells
211	Intestine-related
219	Intestine-related
229	High in Paneth cells
231	Intestine-related
232	Intestine-related
242	Small intestine epithelium
245	Intestine-related
248	High in colon IEC
253	Intestine-related
276	Intestine-related
286	Intestine-related
294	High in Paneth cells and NH cells
301	Intestine-related
304	Intestine-related
306	Intestine-related
310	Small intestine-related
312	High in IEC
313	Large intestine-related
317	Intestine-related
322	Anitmicrobial peptides
328	Intestine-related
333	Intestine-related
335	Small intestine-related
338	Intestine-related
346	Intestine and NALT-related

#### **Bone marrow progenitor-related**

14	High in bone marrow
127	High in bone marrow progenitors
139	High in MEP
255	High in bone marrow progenitors and mast cells

#### **Classical DC and plasmacytoid DC-related**

45	Plasmacytoid DC-related
61	High in CD8+ DC
163	High in CD8a+ cDC
168	High in classical DC
186	High in classical DC and plasmacytoid DC
194	High in plasmacytoid DC and B cells
258	High in plasmacytoid DC
259	High in classical DC

#### **Granulocyte-related**

23	Mast cell-related
27	Mast cell-related
35	High in some granulocytes
39	Mast cell-related
42	NK cell-related
43	Granulocyte-related
83	High in NK cells, T cells and B cells
108	High in NK cells
110	High in NK cells and lymphocytes
123	High in granulocytes
125	High in mast cells and BAF3 cells
175	Mast cells and phagocyte-related
183	High in NK cells and T cells
184	High in NK cells, T cells and B cells
272	High in mast cells and phagocytes
290	High in mast cells and NH cells
326	High in mast cells

### **Phagocytes**

11	Phagocyte-related
24	Phagocyte-related
32	Phagocyte-related
72	Phagocyte-related/ antigen processing
81	Phagocyte-related
82	Proteolysis-related
120	Phagocyte-related
126	High in osteoclasts
132	Phagocyte-related
138	Phagocyte-related
154	Phagocyte-related
160	Phagocyte-related
175	Mast cells and phagocyte-related
185	Phagocyte-related
207	Phagocyte-related
210	Phagocyte-related
243	Phagocyte-related
272	High in mast cells and phagocytes
273	Phagocyte-related
278	High in phagocytes
282	High in microglia
284	Phagocyte-related
324	Phagocyte-related
340	Phagocyte-related

### **T cells and B cells**

22	B cell-related
31	T cell-related
41	High in BAF3 interleukin 3-dependent pro-B cell line
48	Thymocyte-related
56	High in B cells

73	High in B and T cells
83	High in NK cells, T cells and B cells
104	T cell-related
106	Immunoglobulin-related
143	High in T cells and B cells
183	High in NK cells and T cells
184	High in NK cells, T cells and B cells
194	High in plasmacytoid DC and B cells
238	High in B cells
265	High in T cells and NH cells
320	High in B cells and NH cells
343	CD8+ T cells-related
344	Regulatory T cells-related

#### **MHC class II**

144	MHC class II
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#### **Haematopoietic cells**

58	High in haematopoietic cells
75	High in haematopoietic cells
85	High in haematopoietic cells
99	High in haematopoietic cells
128	High in all haematopoietic cells
149	High in NK cells, cDC, T cells, B cells and NH cells
161	High in haematopoietic cells
169	High in NK cell, cDC, T cells and B cells
303	High in NK cells, T cells, LTi cells and NH cells
327	High in haematopoietic cells

#### **FDC**

28	High in Peyer's patch FDC
109	High in FL-Y cells
153	High in Peyer's patches FDC
159	High in Peyer's patches FDC
318	High in Peyer's patches FDC
323	High in astrocytes and Peyer's patches FDC

#### **Lymphatic endothelial cells**

29	Lymphatic endothelium-related
38	Lymphatic endothelium-related
173	High in endothelial cells
348	High in lymphatic endothelial cells and NH cells

#### **Lymphoid tissue inducer cells**

78	Lymphoid tissue inducer cell-related
303	High in NK cells, T cells, LTi cells and NH cells

#### **Natural helper cells**

20	Natural helper cell-related
149	High in NK cells, cDC, T cells, B cells and NH cells

265	High in T cells and NH cells
279	High in NH cells and min6 cells
303	High in NK cells, T cells, LTi cells and NH cells
320	High in B cells and NH cells
348	High in lymphatic endothelial cells and NH cells

#### **Mesenchymal cells/Extracellular matrix-related**

1	Astrocyte-related
4	High in MIN-6-Pancreatic beta cell, insulin secreting
7	High in Neuro2A cells
8	High in differentiating osteoblasts
12	High in Bruce 4 embryonic stem cells
13	Mesenchyme-related/extracellular matrix
26	High in Min 6 & Neuro2A cells
33	High in Min6, astrocytes & Neuro2A cells
37	High in MIMCD3 renal inner medullary epithelial cell
46	Chondrocyte & osteoblast-related
51	Extracellular matrix-related
60	High in NIH3T3 embryonic fibroblasts & C2C12 myoblasts
64	Extracellular matrix-related
67	Chondrocyte and osteoblast-related
68	High in NIH3T3 embryonic fibroblasts
69	Osteoblast-related
92	Mesenchyme-related
94	High in astrocytes & Neuro2A cells
100	High in astrocytes & NALT
107	High in 3T3L1 cells
122	High in astrocytes and osteoblasts
141	High in min6 cells and NALT
155	Mesenchyme-related/extracellular matrix
158	High in 10T12 cells
165	Mesenchyme-related/extracellular matrix
171	High in 10T12 and 3T3L1 cells
180	High in Bruce4 cells
191	High in Bruce4 and min6 cells
196	Mesenchyme-related/extracellular matrix
209	High in osteoblasts, NIH3T3 and min6 cells
213	Mesenchyme-related/extracellular matrix
220	Extracellular matrix
246	High in mesenchymal cells
247	High in astrocytes
256	Mesenchyme-related/extracellular matrix
257	Mesenchyme-related/extracellular matrix
279	High in NH cells and min6 cells
297	Mesenchyme-related/extracellular matrix
300	High in MS1, min6 and neuro2A cells
315	High in osteoblasts
316	High in 10T12 cells and astrocytes
323	High in astrocytes and Peyer's patches FDC
325	Mesenchyme-related/extracellular matrix

329	Mesenchyme-related/extracellular matrix
332	Mesenchyme-related/extracellular matrix
336	Mesenchyme-related/extracellular matrix
341	Mesenchyme-related/extracellular matrix
349	High in Bruce4 cells

### **Lymphoid tissues**

5	High in NALT
63	Lymph node-related
96	High in NALT
100	High in astrocytes & NALT
112	High in NALT
141	High in min6 cells and NALT
152	Low in NALT
270	High in spleen

### **House keeping genes**

6	House keeping-cell cycle
16	House keeping-Ribosomal
19	House keeping-cell cycle
21	House keeping-cell cycle
50	House keeping-mitochondrion
54	House keeping-nucleus
66	House keeping-cell cycle
76	House keeping-cell cycle
77	House keeping-nucleus
79	House keeping-mitochondrion
87	House keeping-cell cycle
91	House keeping
97	House keeping-transcription
115	House keeping-cell cycle
131	House keeping-transcription
133	House keeping-transcription
147	House keeping
157	House keeping-transcription
164	House keeping-nucleus
172	House keeping-transcription
177	House keeping
188	House keeping
195	House keeping
201	House keeping-nucleus
202	House keeping
205	House keeping-transcription
212	House keeping-cell cycle
216	House keeping-ribosomal
217	House keeping
222	House keeping-nucleus
224	House keeping-transcription
226	House keeping
234	House keeping-cell cycle

237	House keeping
261	House keeping
266	House keeping-cell cycle
268	House keeping-cell cycle
285	House keeping-cell cycle
287	House keeping
289	House keeping
293	House keeping
296	House keeping
311	House keeping-cell cycle
321	House keeping
334	House keeping
339	House keeping

**Affymetrix control probe sets**

86	Affymetrix control probe sets
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**Uncertain**

30	Uncertain
44	Low in many
47	Low in many
52	Uncertain
53	Uncertain
93	Uncertain
102	Uncertain
103	Uncertain
113	Uncertain
114	Uncertain
129	Uncertain
130	Uncertain
135	Uncertain
136	Uncertain
137	Uncertain
142	Low in many
162	Uncertain
167	Uncertain
174	Uncertain-low in many
176	Uncertain-low in many
178	Uncertain-low in many
179	Uncertain-low in many
182	Uncertain
190	Uncertain-low in many
198	Uncertain-low in many
199	Uncertain
200	Uncertain
206	Uncertain-low in many
208	Uncertain-low in many
214	Uncertain-low in many
215	Uncertain
218	Uncertain

221	Uncertain
223	Uncertain
225	Uncertain
227	Uncertain-low in many
228	Uncertain
230	Uncertain
233	Uncertain-low in many
235	Uncertain
236	Uncertain-low in many
239	Uncertain-low in many
240	Uncertain-low in many
241	Uncertain-low in many
244	Uncertain-low in many
249	Uncertain-low in many
250	Uncertain
251	Uncertain
252	Uncertain-low in many
254	Uncertain-low in many
260	Uncertain-low in many
262	Uncertain
263	Uncertain
264	Uncertain
267	Uncertain-low in many
269	Uncertain-low in many
271	Uncertain
274	Uncertain
275	Uncertain
277	Uncertain
280	Uncertain
281	Uncertain
283	Uncertain-low in many
288	Uncertain-low in many
291	Uncertain-low in many
292	Uncertain-low in many
295	Uncertain
298	Uncertain
299	Uncertain
302	Uncertain-low in many
305	Uncertain
307	Uncertain
308	Uncertain-low in many
309	Uncertain-low in many
314	Uncertain
319	Uncertain
330	Uncertain
331	Uncertain-low in many
337	Uncertain
342	Uncertain-low in many
345	Uncertain
347	Uncertain-low in many