

Cluster001\_Astrocyte-related (561 nodes)

2,087.2  
1,977.4  
1,867.5  
1,757.7  
1,647.8  
1,538  
1,428.1  
1,318.2  
1,208.4  
1,098.5  
988.7  
878.8  
769  
659.1  
549.3  
439.4  
329.6  
219.7  
109.9  
0



30-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Spleen GSM258671 CELL  
 115-Spleen GSM258670 CELL  
 114-Spleen GSM258669 CELL  
 113-Neuro2a GSM241898 CELL  
 112-Neuro2a GSM241897 CELL  
 111-Astrocytes GSM241896 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258665 CELL  
 105-Bruce4 GSM258664 CELL  
 104-C2C12 GSM258663 CELL  
 103-C2C12 GSM258662 CELL  
 102-NH3T3 GSM258730 CELL  
 101-NH3T3 GSM258729 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-T cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L-Y-RMLND C003001 CELL  
 79-L-Y-RMLND C003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM258705 CELL  
 60-MM-LPS-7h GSM258705 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Ismacryoid-DC GSM258650 CELL  
 52-Ismacryoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258712 CELL  
 39-Granulocytes GSM258667 CELL  
 38-Granulocytes GSM258667 CELL  
 37-GMP GSM258666 CELL  
 36-GMP GSM258665 CELL  
 35-GMP GSM258664 CELL  
 34-MEMP GSM258872 CELL  
 33-MEMP GSM258872 CELL  
 32-MEMP GSM258872 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258770 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM318590 CELL  
 20-Colon-Crypt GSM480375 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-Gf GSM349880 CELL  
 16-Colon-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE RMPYEP001001 CELL  
 10-FAE RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-w-M-cells GSM190794 CELL  
 05-CT-w-M-cells GSM190793 CELL  
 04-CT-y-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL







Cluster0003\_Paneth cell-related (472 nodes)

282.5  
267.7  
252.8  
237.9  
223  
208.2  
193.3  
178.4  
163.6  
148.7  
133.8  
119  
104.1  
89.2  
74.3  
59.5  
44.6  
29.7  
14.9  
0



30-NALT	GSM289411	CELL
139-NALT	GSM289410	CELL
138-NALT	GSM289409	CELL
137-NALT	GSM289408	CELL
136-Color-d9	GSM1988104	CELL
135-Color-d9	GSM1988103	CELL
134-Color-d4	GSM1988102	CELL
133-Color-d4	GSM1988101	CELL
132-Intestine-large	GSM258676	CELL
131-Intestine-large	GSM258675	CELL
130-Intestine-large	GSM258674	CELL
129-Intestine-small	GSM258673	CELL
128-Intestine-small	GSM258672	CELL
127-Lymph-nodes	GSM258671	CELL
126-Spleen	GSM258670	CELL
125-Spleen	GSM258669	CELL
124-Neuro2a	GSM241898	CELL
123-Neuro2a	GSM241897	CELL
122-Astrocytes	GSM241896	CELL
121-mimb	GSM258726	CELL
120-mimb	GSM258725	CELL
119-mimb	GSM258724	CELL
118-MIMCD3	GSM258723	CELL
117-MIMCD3	GSM258722	CELL
116-Bruce4	GSM258690	CELL
115-Bruce4	GSM258689	CELL
114-C2C12	GSM258688	CELL
113-C2C12	GSM258687	CELL
112-NH3T3	GSM258730	CELL
111-NH3T3	GSM258729	CELL
110-3T3-L1	GSM258610	CELL
109-3T3-L1	GSM258609	CELL
108-10T12	GSM258632	CELL
107-10T12	GSM258631	CELL
106-Osteoblast-d21	GSM258740	CELL
105-Osteoblast-d21	GSM258739	CELL
104-Osteoblast-d14	GSM258738	CELL
103-Osteoblast-d14	GSM258737	CELL
102-Osteoblast-d5	GSM258742	CELL
101-Osteoblast-d5	GSM258741	CELL
100-Chondrocytes	GSM266741	CELL
99-Chondrocytes	GSM266740	CELL
98-Nat Helper cell	GSM465594	CELL
97-Nat Helper cell	GSM465593	CELL
96-LT cell	GSM465596	CELL
95-MS-1	GSM234692	CELL
94-Lymph-endo-cells	GSM143704	CELL
93-Lymph-endo-cells	GSM481977	CELL
92-Lymph-endo-cells	GSM481978	CELL
91-Lymph-endo-cells	GSM481979	CELL
90-Lymph-endo-cells	GSM481976	CELL
89-Lymph-endo-cells	GSM481977	CELL
88-Lymph-endo-cells	GSM481978	CELL
87-Lymph-endo-cells	GSM481979	CELL
86-Lymph-endo-cells	GSM481976	CELL
85-Lymph-endo-cells	GSM481977	CELL
84-Lymph-endo-cells	GSM481978	CELL
83-Lymph-endo-cells	GSM481979	CELL
82-Lymph-endo-cells	GSM481976	CELL
81-Lymph-endo-cells	GSM481977	CELL
80-Lymph-endo-cells	GSM481978	CELL
79-Lymph-endo-cells	GSM481979	CELL
78-Lymph-endo-cells	GSM481976	CELL
77-Lymph-endo-cells	GSM481977	CELL
76-Lymph-endo-cells	GSM481978	CELL
75-Lymph-endo-cells	GSM481979	CELL
74-Lymph-endo-cells	GSM481976	CELL
73-Lymph-endo-cells	GSM481977	CELL
72-Lymph-endo-cells	GSM481978	CELL
71-Lymph-endo-cells	GSM481979	CELL
70-Lymph-endo-cells	GSM481976	CELL
69-Lymph-endo-cells	GSM481977	CELL
68-Lymph-endo-cells	GSM481978	CELL
67-Lymph-endo-cells	GSM481979	CELL
66-Lymph-endo-cells	GSM481976	CELL
65-Lymph-endo-cells	GSM481977	CELL
64-Lymph-endo-cells	GSM481978	CELL
63-Lymph-endo-cells	GSM481979	CELL
62-Lymph-endo-cells	GSM481976	CELL
61-Lymph-endo-cells	GSM481977	CELL
60-Lymph-endo-cells	GSM481978	CELL
59-Lymph-endo-cells	GSM481979	CELL
58-Lymph-endo-cells	GSM481976	CELL
57-Lymph-endo-cells	GSM481977	CELL
56-Lymph-endo-cells	GSM481978	CELL
55-Lymph-endo-cells	GSM481979	CELL
54-Lymph-endo-cells	GSM481976	CELL
53-Lymph-endo-cells	GSM481977	CELL
52-Lymph-endo-cells	GSM481978	CELL
51-Lymph-endo-cells	GSM481979	CELL
50-Lymph-endo-cells	GSM481976	CELL
49-Lymph-endo-cells	GSM481977	CELL
48-Lymph-endo-cells	GSM481978	CELL
47-Lymph-endo-cells	GSM481979	CELL
46-Lymph-endo-cells	GSM481976	CELL
45-Lymph-endo-cells	GSM481977	CELL
44-Lymph-endo-cells	GSM481978	CELL
43-Lymph-endo-cells	GSM481979	CELL
42-Lymph-endo-cells	GSM481976	CELL
41-Lymph-endo-cells	GSM481977	CELL
40-Lymph-endo-cells	GSM481978	CELL
39-Lymph-endo-cells	GSM481979	CELL
38-Lymph-endo-cells	GSM481976	CELL
37-Lymph-endo-cells	GSM481977	CELL
36-Lymph-endo-cells	GSM481978	CELL
35-Lymph-endo-cells	GSM481979	CELL
34-Lymph-endo-cells	GSM481976	CELL
33-Lymph-endo-cells	GSM481977	CELL
32-Lymph-endo-cells	GSM481978	CELL
31-Lymph-endo-cells	GSM481979	CELL
30-Lymph-endo-cells	GSM481976	CELL
29-Lymph-endo-cells	GSM481977	CELL
28-Lymph-endo-cells	GSM481978	CELL
27-Lymph-endo-cells	GSM481979	CELL
26-Lymph-endo-cells	GSM481976	CELL
25-Lymph-endo-cells	GSM481977	CELL
24-Lymph-endo-cells	GSM481978	CELL
23-Lymph-endo-cells	GSM481979	CELL
22-Lymph-endo-cells	GSM481976	CELL
21-Lymph-endo-cells	GSM481977	CELL
20-Lymph-endo-cells	GSM481978	CELL
19-Lymph-endo-cells	GSM481979	CELL
18-Lymph-endo-cells	GSM481976	CELL
17-Lymph-endo-cells	GSM481977	CELL
16-Lymph-endo-cells	GSM481978	CELL
15-Lymph-endo-cells	GSM481979	CELL
14-Lymph-endo-cells	GSM481976	CELL
13-Lymph-endo-cells	GSM481977	CELL
12-Lymph-endo-cells	GSM481978	CELL
11-Lymph-endo-cells	GSM481979	CELL
10-Lymph-endo-cells	GSM481976	CELL
9-Lymph-endo-cells	GSM481977	CELL
8-Lymph-endo-cells	GSM481978	CELL
7-Lymph-endo-cells	GSM481979	CELL
6-Lymph-endo-cells	GSM481976	CELL
5-Lymph-endo-cells	GSM481977	CELL
4-Lymph-endo-cells	GSM481978	CELL
3-Lymph-endo-cells	GSM481979	CELL
2-Lymph-endo-cells	GSM481976	CELL
1-Lymph-endo-cells	GSM481977	CELL



Cluster0004\_High in MIN-6-Pancreatic beta cell, insulin secreting (410 nodes)

1,841.5  
1,744.6  
1,647.7  
1,550.8  
1,453.8  
1,356.9  
1,260  
1,163.1  
1,066.1  
969.2  
872.3  
775.4  
678.5  
581.5  
484.6  
387.7  
290.8  
193.8  
96.9  
0



30	NALT	GSM2899411	CEL
29	NALT	GSM2899410	CEL
28	NALT	GSM2899409	CEL
27	NALT	GSM2899408	CEL
26	Colon-d9	GSM1988104	CEL
25	Colon-d9	GSM1988103	CEL
24	Colon-d9	GSM1988102	CEL
23	Colon-d4	GSM1988101	CEL
22	Colon-d4	GSM1988100	CEL
21	Intestine-large	GSM258676	CEL
20	Intestine-large	GSM258675	CEL
19	Intestine-small	GSM258674	CEL
18	Intestine-small	GSM258673	CEL
17	Lymph-nodes	GSM258672	CEL
16	Spleen	GSM258671	CEL
15	Spleen	GSM258670	CEL
14	Neuro2a	GSM258669	CEL
13	Neuro2a	GSM258668	CEL
12	Astrocytes	GSM2418998	CEL
11	ming	GSM258667	CEL
10	ming	GSM258666	CEL
09	ming	GSM258665	CEL
08	MIMCD3	GSM258664	CEL
07	MIMCD3	GSM258663	CEL
06	Bruce4	GSM258662	CEL
05	Bruce4	GSM258661	CEL
04	C2C12	GSM258660	CEL
03	C2C12	GSM258659	CEL
02	NH3T3	GSM258658	CEL
01	NH3T3	GSM258657	CEL
00	3T3-L1	GSM258656	CEL
99	3T3-L1	GSM258655	CEL
98	10T12	GSM258654	CEL
97	10T12	GSM258653	CEL
96	Osteoblast-d21	GSM258652	CEL
95	Osteoblast-d14	GSM258651	CEL
94	Osteoblast-d14	GSM258650	CEL
93	Osteoblast-d14	GSM258649	CEL
92	Osteoblast-d5	GSM258648	CEL
91	Osteoblast-d5	GSM258647	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	T cell	GSM465592	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endc-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481976	CEL
81	PP-FDC	GSM481975	CEL
80	E-L	RMLNDC002001	CEL
79	E-L	RMLNDC002001	CEL
78	Follicular-Bcells	GSM258654	CEL
77	Follicular-Bcells	GSM258653	CEL
76	MZ-Bcell	GSM258652	CEL
75	MZ-Bcell	GSM258651	CEL
74	BAF3	GSM258650	CEL
73	BAF3	GSM258649	CEL
72	Tregs	GSM258648	CEL
71	T-cells-CD8+	GSM258647	CEL
70	T-cells-CD8+	GSM258646	CEL
69	T-cells-CD4+	GSM258645	CEL
68	T-cells-CD4+	GSM258644	CEL
67	T-cells-CD4+	GSM258643	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258642	CEL
64	Microglia	GSM258641	CEL
63	Microglia	GSM258640	CEL
62	MM-LPS-7h	GSM258639	CEL
61	MM-LPS-7h	GSM258638	CEL
60	MM-LPS-6h	GSM258637	CEL
59	MM-LPS-6h	GSM258636	CEL
58	MM-LPS-6h	GSM258635	CEL
57	MM-LPS-6h	GSM258634	CEL
56	MM-LPS-6h	GSM258633	CEL
55	MM-LPS-6h	GSM258632	CEL
54	MM-LPS-6h	GSM258631	CEL
53	MM-LPS-6h	GSM258630	CEL
52	MM-LPS-6h	GSM258629	CEL
51	MM-LPS-6h	GSM258628	CEL
50	CD8a-DC	GSM258627	CEL
49	CD8a-DC	GSM258626	CEL
48	CD8a+DC	GSM258625	CEL
47	NK-cells	GSM258624	CEL
46	NK-cells	GSM258623	CEL
45	Mast-cells-IgE+Ad	GSM258622	CEL
44	Mast-cells-IgE+Ad	GSM258621	CEL
43	Mast-cells-IgE	GSM258620	CEL
42	Mast-cells-IgE	GSM258619	CEL
41	Mast-cells-IgE	GSM258618	CEL
40	Granulocytes	GSM258617	CEL
39	Granulocytes	GSM258616	CEL
38	GMP	GSM258615	CEL
37	GMP	GSM258614	CEL
36	GMP	GSM258613	CEL
35	GMP	GSM258612	CEL
34	GMP	GSM258611	CEL
33	GMP	GSM258610	CEL
32	GMP	GSM258609	CEL
31	MEP	GSM258608	CEL
30	MEP	GSM258607	CEL
29	MEP	GSM258606	CEL
28	MEP	GSM258605	CEL
27	MEP	GSM258604	CEL
26	MEP	GSM258603	CEL
25	MEP	GSM258602	CEL
24	MEP	GSM258601	CEL
23	MEP	GSM258600	CEL
22	MEP	GSM258599	CEL
21	MEP	GSM258598	CEL
20	MEP	GSM258597	CEL
19	MEP	GSM258596	CEL
18	MEP	GSM258595	CEL
17	MEP	GSM258594	CEL
16	MEP	GSM258593	CEL
15	MEP	GSM258592	CEL
14	MEP	GSM258591	CEL
13	MEP	GSM258590	CEL
12	MEP	GSM258589	CEL
11	MEP	GSM258588	CEL
10	MEP	GSM258587	CEL
09	MEP	GSM258586	CEL
08	MEP	GSM258585	CEL
07	MEP	GSM258584	CEL
06	MEP	GSM258583	CEL
05	MEP	GSM258582	CEL
04	MEP	GSM258581	CEL
03	MEP	GSM258580	CEL
02	MEP	GSM258579	CEL
01	MEP	GSM258578	CEL
00	MEP	GSM258577	CEL
99	MEP	GSM258576	CEL
98	MEP	GSM258575	CEL
97	MEP	GSM258574	CEL
96	MEP	GSM258573	CEL
95	MEP	GSM258572	CEL
94	MEP	GSM258571	CEL
93	MEP	GSM258570	CEL
92	MEP	GSM258569	CEL
91	MEP	GSM258568	CEL
90	MEP	GSM258567	CEL
89	MEP	GSM258566	CEL
88	MEP	GSM258565	CEL
87	MEP	GSM258564	CEL
86	MEP	GSM258563	CEL
85	MEP	GSM258562	CEL
84	MEP	GSM258561	CEL
83	MEP	GSM258560	CEL
82	MEP	GSM258559	CEL
81	MEP	GSM258558	CEL
80	MEP	GSM258557	CEL
79	MEP	GSM258556	CEL
78	MEP	GSM258555	CEL
77	MEP	GSM258554	CEL
76	MEP	GSM258553	CEL
75	MEP	GSM258552	CEL
74	MEP	GSM258551	CEL
73	MEP	GSM258550	CEL
72	MEP	GSM258549	CEL
71	MEP	GSM258548	CEL
70	MEP	GSM258547	CEL
69	MEP	GSM258546	CEL
68	MEP	GSM258545	CEL
67	MEP	GSM258544	CEL
66	MEP	GSM258543	CEL
65	MEP	GSM258542	CEL
64	MEP	GSM258541	CEL
63	MEP	GSM258540	CEL
62	MEP	GSM258539	CEL
61	MEP	GSM258538	CEL
60	MEP	GSM258537	CEL
59	MEP	GSM258536	CEL
58	MEP	GSM258535	CEL
57	MEP	GSM258534	CEL
56	MEP	GSM258533	CEL
55	MEP	GSM258532	CEL
54	MEP	GSM258531	CEL
53	MEP	GSM258530	CEL
52	MEP	GSM258529	CEL
51	MEP	GSM258528	CEL
50	MEP	GSM258527	CEL
49	MEP	GSM258526	CEL
48	MEP	GSM258525	CEL
47	MEP	GSM258524	CEL
46	MEP	GSM258523	CEL
45	MEP	GSM258522	CEL
44	MEP	GSM258521	CEL
43	MEP	GSM258520	CEL
42	MEP	GSM258519	CEL
41	MEP	GSM258518	CEL
40	MEP	GSM258517	CEL
39	MEP	GSM258516	CEL
38	MEP	GSM258515	CEL
37	MEP	GSM258514	CEL
36	MEP	GSM258513	CEL
35	MEP	GSM258512	CEL
34	MEP	GSM258511	CEL
33	MEP	GSM258510	CEL
32	MEP	GSM258509	CEL
31	MEP	GSM258508	CEL
30	MEP	GSM258507	CEL
29	MEP	GSM258506	CEL
28	MEP	GSM258505	CEL
27	MEP	GSM258504	CEL
26	MEP	GSM258503	CEL
25	MEP	GSM258502	CEL
24	MEP	GSM258501	CEL
23	MEP	GSM258500	CEL
22	MEP	GSM258499	CEL
21	MEP	GSM258498	CEL
20	MEP	GSM258497	CEL
19	MEP	GSM258496	CEL
18	MEP	GSM258495	CEL
17	MEP	GSM258494	CEL
16	MEP	GSM258493	CEL
15	MEP	GSM258492	CEL
14	MEP	GSM258491	CEL
13	MEP	GSM258490	CEL
12	MEP	GSM258489	CEL
11	MEP	GSM258488	CEL
10	MEP	GSM258487	CEL
09	MEP	GSM258486	CEL
08	MEP	GSM258485	CEL
07	MEP	GSM258484	CEL
06	MEP	GSM258483	CEL
05	MEP	GSM258482	CEL
04	MEP	GSM258481	CEL
03	MEP	GSM258480	CEL
02	MEP	GSM258479	CEL
01	MEP	GSM258478	CEL
00	MEP	GSM258477	CEL
99	MEP	GSM258476	CEL
98	MEP	GSM258475	CEL
97	MEP	GSM258474	CEL
96	MEP	GSM258473	CEL
95	MEP	GSM258472	CEL
94	MEP	GSM258471	CEL
93	MEP	GSM258470	CEL
92	MEP	GSM258469	CEL
91	MEP	GSM258468	CEL
90	MEP	GSM258467	CEL
89	MEP	GSM258466	CEL
88	MEP	GSM258465	CEL
87	MEP	GSM258464	CEL
86	MEP	GSM258463	CEL
85	MEP	GSM258462	CEL
84	MEP	GSM258461	CEL
83	MEP	GSM258460	CEL
82	MEP	GSM258459	CEL
81	MEP	GSM258458	CEL
80	MEP	GSM258457	CEL
79	MEP	GSM258456	CEL
78	MEP	GSM258455	CEL
77	MEP	GSM258454	CEL
76	MEP	GSM258453	CEL
75	MEP	GSM258452	CEL
74	MEP	GSM258451	CEL
73	MEP	GSM258450	CEL
72	MEP	GSM258449	CEL
71	MEP	GSM258448	CEL
70	MEP	GSM258447	CEL
69	MEP	GSM258446	CEL
68	MEP	GSM258445	CEL
67	MEP	GSM258444	CEL
66	MEP	GSM258443	CEL
65	MEP	GSM258442	CEL
64	MEP	GSM258441	CEL
63	MEP	GSM258440	CEL
62	MEP	GSM258439	CEL
61	MEP	GSM258438	CEL
60	MEP	GSM258437	CEL
59	MEP	GSM258436	CEL
58	MEP	GSM258435	CEL
57	MEP	GSM258434	CEL
56	MEP	GSM258433	CEL
55	MEP	GSM258432	CEL
54	MEP	GSM258431	CEL
53	MEP	GSM258430	CEL
52	MEP	GSM258429	CEL
51	MEP	GSM258428	CEL
50	MEP	GSM258427	CEL
49	MEP	GSM258426	CEL
48	MEP	GSM258425	CEL
47	MEP	GSM258424	CEL
46	MEP	GSM258423	CEL
45	MEP	GSM258422	CEL
44	MEP	GSM258421	CEL
43	MEP	GSM258420	CEL
42	MEP	GSM258419	CEL
41	MEP	GSM258418	CEL
40	MEP	GSM258417	CEL
39	MEP	GSM258416	CEL
38	MEP	GSM258415	CEL
37	MEP	GSM258414	CEL
36	MEP	GSM258413	CEL
35	MEP	GSM258412	CEL
34	MEP	GSM258411	CEL
33	MEP	GSM258410	CEL
32	MEP	GSM258409	CEL
31	MEP	GSM258408	CEL
30	MEP	GSM258407	CEL
29	MEP	GSM258406	CEL
28	MEP	GSM258405	CEL
27	MEP	GSM258404	CEL
26	MEP	GSM258403	CEL
25	MEP	GSM258402	CEL
24	MEP	GSM258401	CEL
23	MEP	GSM258400	CEL
22	MEP	GSM258399	CEL
21	MEP	GSM258398	CEL
20	MEP	GSM258397	CEL
19	MEP	GSM258396	CEL
18	MEP	GSM258395	CEL
17	MEP	GSM258394	CEL
16	MEP	GSM258393	CEL
15	MEP	GSM258392	CEL
14	MEP	GSM258391	CEL
13	MEP	GSM258390	CEL
12	MEP	GSM258389	CEL
11	MEP	GSM258388	



Cluster005\_High in NALT (350 nodes)

2,918.9  
2,765.2  
2,611.6  
2,458  
2,304.4  
2,150.7  
1,997.1  
1,843.5  
1,689.9  
1,536.2  
1,382.6  
1,229  
1,075.4  
921.7  
768.1  
614.5  
460.9  
307.2  
153.6  
0

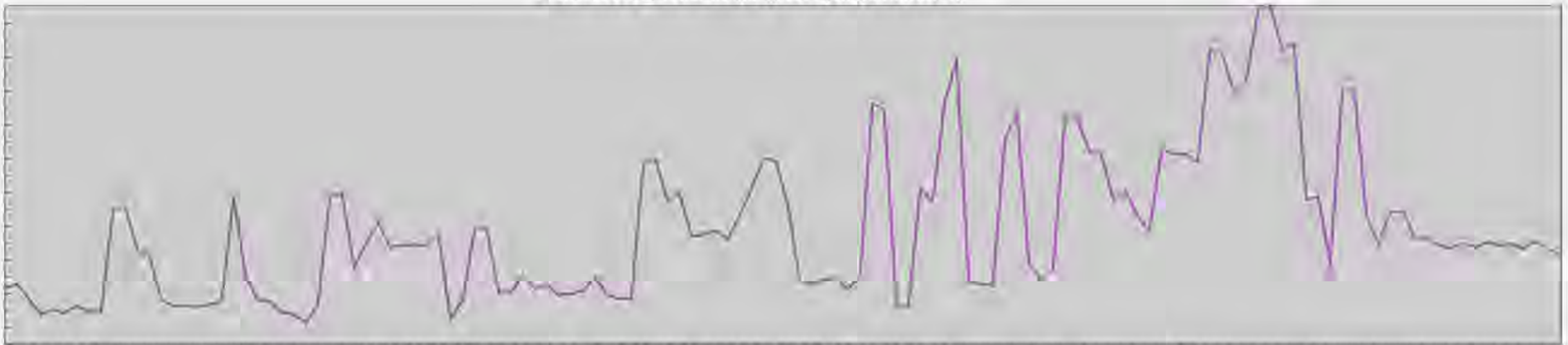


30- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 128- NALT GSM289409 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258674 CELL  
 118- Intestine-small GSM258673 CELL  
 117- Lymph-nodes GSM258672 CELL  
 116- Spleen GSM258671 CELL  
 115- Spleen GSM258670 CELL  
 114- Neuro2a GSM258669 CELL  
 113- Astrocytes GSM241898 CELL  
 110- mimb GSM2586725 CELL  
 109- mimb GSM2586724 CELL  
 108- MIMCD3 GSM2586723 CELL  
 107- MIMCD3 GSM2586722 CELL  
 106- Bruce4 GSM2586721 CELL  
 105- Bruce4 GSM2586720 CELL  
 104- C2C12 GSM2586719 CELL  
 103- C2C12 GSM2586718 CELL  
 102- NIH3T3 GSM2586717 CELL  
 101- NIH3T3 GSM2586716 CELL  
 100- 3T3-L1 GSM2586715 CELL  
 99- 3T3-L1 GSM2586714 CELL  
 98- 10T1/2 GSM2586713 CELL  
 97- 10T1/2 GSM2586712 CELL  
 96- Osteoblast-d21 GSM2586711 CELL  
 95- Osteoblast-d21 GSM2586710 CELL  
 94- Osteoblast-d14 GSM2586709 CELL  
 93- Osteoblast-d14 GSM2586708 CELL  
 92- Osteoblast-d5 GSM2586707 CELL  
 91- Osteoblast-d5 GSM2586706 CELL  
 90- Chondrocytes GSM2586705 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- T cell GSM465592 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- P-FDC GSM481977 CELL  
 82- P-FDC GSM481976 CELL  
 81- P-FDC GSM481975 CELL  
 80- F-LY RMLNDCC003001 CELL  
 79- F-LY RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258663 CELL  
 76- MZ-Bcell GSM258662 CELL  
 75- MZ-Bcell GSM258661 CELL  
 74- BAF3 GSM258660 CELL  
 73- BAF3 GSM258659 CELL  
 72- Tregs GSM258658 CELL  
 71- Tregs GSM258657 CELL  
 70- T-cells-CD8+ GSM258656 CELL  
 69- T-cells-CD8+ GSM258655 CELL  
 68- T-cells-CD4+ GSM258654 CELL  
 67- T-cells-CD4+ GSM258653 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258652 CELL  
 64- Microglia GSM258651 CELL  
 63- Microglia GSM258650 CELL  
 62- MM-LPS-7h GSM258649 CELL  
 61- MM-LPS-7h GSM258648 CELL  
 60- MM-LPS-6h GSM258647 CELL  
 59- MM-LPS-6h GSM258646 CELL  
 58- MM-LPS-6h GSM258645 CELL  
 57- MM-LPS-6h GSM258644 CELL  
 56- MM-LPS-6h GSM258643 CELL  
 55- MM-LPS-6h GSM258642 CELL  
 54- MM-LPS-6h GSM258641 CELL  
 53- MM-LPS-6h GSM258640 CELL  
 52- MM-LPS-6h GSM258639 CELL  
 51- MM-LPS-6h GSM258638 CELL  
 50- CD8a-DC GSM258637 CELL  
 49- CD8a-DC GSM258636 CELL  
 48- CD8a+DC GSM258635 CELL  
 47- NK-cells GSM258634 CELL  
 46- NK-cells GSM258633 CELL  
 45- Mast-cells-IgE+Ad GSM258632 CELL  
 44- Mast-cells-IgE+Ad GSM258631 CELL  
 43- Mast-cells-IgE GSM258630 CELL  
 42- Mast-cells-IgE GSM258629 CELL  
 41- Mast-cells-IgE GSM258628 CELL  
 40- Mast-cells-IgE GSM258627 CELL  
 39- Granulocytes GSM258626 CELL  
 38- Granulocytes GSM258625 CELL  
 37- GMP GSM258624 CELL  
 36- GMP GSM258623 CELL  
 35- GMP GSM258622 CELL  
 34- MEMP GSM258621 CELL  
 33- MEMP GSM258620 CELL  
 32- MEMP GSM258619 CELL  
 31- HESC GSM258618 CELL  
 30- HESC GSM258617 CELL  
 29- Bone marrow GSM258616 CELL  
 28- Bone marrow GSM258615 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116356 CELL  
 25- Paneth-cells GSM116355 CELL  
 24- Paneth-cells GSM116354 CELL  
 23- Paneth-cells GSM116353 CELL  
 22- Paneth-cells GSM116352 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002901 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE RMPYEP002001 CELL  
 10- FAE RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-w-M-cells GSM190794 CELL  
 05- CT-y-M-cells GSM190793 CELL  
 04- CT-y-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0006\_House keeping-cell cycle (244 nodes)

2,030.7  
1,923.8  
1,817  
1,710.1  
1,603.2  
1,496.3  
1,389.4  
1,282.6  
1,175.7  
1,068.8  
961.9  
855  
748.2  
641.3  
534.4  
427.5  
320.6  
213.8  
106.9  
0



130- NALT GSM289411.CEL  
129- NALT GSM289410.CEL  
128- NALT GSM289409.CEL  
127- NALT GSM289408.CEL  
126- Colon-d9 GSM1988105.CEL  
125- Colon-d9 GSM1988104.CEL  
124- Colon-d9 GSM1988103.CEL  
123- Colon-d4 GSM1988102.CEL  
122- Colon-d4 GSM1988101.CEL  
121- Intestine-large GSM258676.CEL  
120- Intestine-large GSM258675.CEL  
119- Intestine-small GSM258678.CEL  
118- Intestine-small GSM258692.CEL  
117- Lymph-nodes GSM258691.CEL  
116- Lymph-nodes GSM258726.CEL  
115- Spleen GSM258768.CEL  
114- Spleen GSM258767.CEL  
113- Neuro2a GSM258728.CEL  
112- Neuro2a GSM258727.CEL  
111- Astrocytes GSM241898.CEL  
110- mimg GSM258725.CEL  
109- mimg GSM258724.CEL  
108- MIMCD3 GSM258723.CEL  
107- MIMCD3 GSM258722.CEL  
106- Bruce4 GSM258656.CEL  
105- Bruce4 GSM258655.CEL  
104- C2C12 GSM258690.CEL  
103- C2C12 GSM258629.CEL  
102- NIH3T3 GSM258730.CEL  
101- NIH3T3 GSM258729.CEL  
99- 3T3-L1 GSM258610.CEL  
98- 10T12 GSM258609.CEL  
97- 10T12 GSM258631.CEL  
96- Osteoblast-d21 GSM258740.CEL  
95- Osteoblast-d21 GSM258739.CEL  
94- Osteoblast-d14 GSM258738.CEL  
93- Osteoblast-d14 GSM258737.CEL  
92- Osteoblast-d5 GSM258742.CEL  
91- Osteoblast-d5 GSM258741.CEL  
90- Chondrocytes GSM266741.CEL  
89- Chondrocytes GSM266740.CEL  
88- Nat Helper cell GSM465594.CEL  
87- Nat Helper cell GSM465593.CEL  
86- T cell GSM465596.CEL  
85- MS-1 GSM234692.CEL  
84- Lymph-endo-cells GSM143704.CEL  
83- PP-FDC GSM481977.CEL  
82- PP-FDC GSM481978.CEL  
81- PP-FDC GSM481976.CEL  
80- FLY RMLNDCC003001.CEL  
79- FLY RMLNDCC003001.CEL  
78- Follicular-Bcells GSM258664.CEL  
77- Follicular-Bcells GSM258663.CEL  
76- MZ-Bcell GSM258622.CEL  
75- MZ-Bcell GSM258621.CEL  
74- BAF3 GSM258620.CEL  
73- BAF3 GSM258619.CEL  
72- Tregs GSM258778.CEL  
71- Tregs GSM258777.CEL  
70- T-cells-CD8+ GSM258776.CEL  
69- T-cells-CD8+ GSM258775.CEL  
68- T-cells-CD4+ GSM258774.CEL  
67- T-cells-CD4+ GSM258773.CEL  
66- Thymocyte-DN GSM465595.CEL  
65- Osteoclasts GSM258744.CEL  
64- Microglia GSM258721.CEL  
63- Microglia GSM258721.CEL  
62- PMM-LPS-7h GSM258706.CEL  
61- PMM-LPS-7h GSM258705.CEL  
60- PMM-LPS-6h GSM258702.CEL  
59- PMM-LPS-6h GSM258701.CEL  
58- BMM-LPS-6h GSM258699.CEL  
57- BMM-LPS-6h GSM258699.CEL  
56- BMM-LPS-6h GSM258699.CEL  
55- BMM-LPS-6h GSM258699.CEL  
54- BMM-LPS-6h GSM258699.CEL  
53- Plasmacytoid-DC GSM258650.CEL  
52- Plasmacytoid-DC GSM258649.CEL  
51- CD8a-DC GSM258648.CEL  
50- CD8a-DC GSM258647.CEL  
49- CD8a+DC GSM258646.CEL  
48- CD8a+DC GSM258645.CEL  
47- NK-cells GSM258732.CEL  
46- NK-cells GSM258731.CEL  
45- Mast-cells-IgE+Ad GSM258718.CEL  
44- Mast-cells-IgE+Ad GSM258717.CEL  
43- Mast-cells-IgE GSM258714.CEL  
42- Mast-cells-IgE GSM258713.CEL  
41- Mast-cells GSM258712.CEL  
40- Granulocytes GSM258668.CEL  
39- Granulocytes GSM258667.CEL  
38- GMP GSM258666.CEL  
37- GMP GSM258665.CEL  
36- GMP GSM258664.CEL  
35- CMP GSM258642.CEL  
34- CMP GSM258641.CEL  
33- MIEP GSM258720.CEL  
32- MIEP GSM258719.CEL  
31- H9C GSM258770.CEL  
30- H9C GSM258770.CEL  
29- Bone marrow GSM258628.CEL  
28- Bone marrow GSM258627.CEL  
27- Paneth-cells-GF GSM116358.CEL  
26- Paneth-cells-GF-1 GSM116357.CEL  
25- Paneth-cells GSM116350.CEL  
24- Paneth-cells GSM116359.CEL  
23- Paneth-cells GSM318589.CEL  
22- Paneth-cells GSM318590.CEL  
21- Colon-Crypt GSM480375.CEL  
20- Colon-Crypt GSM480374.CEL  
19- Colon-Vill GSM480363.CEL  
18- Colon-Vill GSM480362.CEL  
17- Colon-IEC-GF GSM349880.CEL  
16- Colon-IEC-GF GSM350375.CEL  
15- Ileum-IEC-GF GSM350376.CEL  
14- Ileum-IEC GSM350371.CEL  
13- Small-intestine-epithelium RMINEP002901.CEL  
12- Small-intestine-epithelium RMINEP001001.CEL  
11- FAE RMPYEP002001.CEL  
10- FAE RMPYEP001001.CEL  
09- Ileum-IEC GSM190797.CEL  
08- Ileum-IEC GSM190796.CEL  
07- Ileum-IEC GSM190795.CEL  
06- CT-v-M-cells GSM190794.CEL  
05- CT-v-M-cells GSM190793.CEL  
04- CT-v-M-cells GSM190792.CEL  
03- PP-M-cells GSM190791.CEL  
02- PP-M-cells GSM190790.CEL  
01- PP-M-cells GSM190789.CEL



Cluster007\_High in Neuro2A cells (238 nodes)

906.6  
858.8  
811.1  
763.4  
715.7  
668  
620.3  
572.6  
524.8  
477.1  
429.4  
381.7  
334  
286.3  
238.6  
190.9  
143.1  
95.4  
47.7  
0

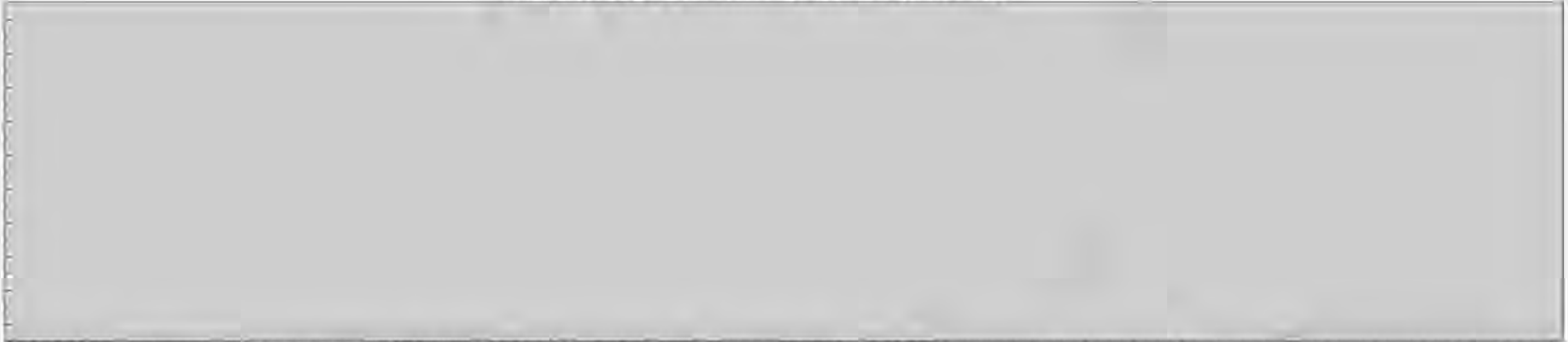


30	NALT	GSM289411	CELL
139	NALT	GSM289410	CELL
138	NALT	GSM289409	CELL
137	NALT	GSM289408	CELL
136	Colon-d9	GSM1988104	CELL
135	Colon-d9	GSM1988103	CELL
134	Colon-d4	GSM1988102	CELL
133	Colon-d4	GSM1988101	CELL
132	Colon-d4	GSM1988100	CELL
131	Intestine-large	GSM258676	CELL
130	Intestine-large	GSM258675	CELL
129	Intestine-small	GSM258674	CELL
118	Intestine-small	GSM258673	CELL
117	Lymph-nodes	GSM258672	CELL
116	Spleen	GSM258671	CELL
115	Spleen	GSM258670	CELL
114	Neuro2a	GSM258669	CELL
113	Neuro2a	GSM258668	CELL
112	Neuro2a	GSM258667	CELL
111	Astrocytes	GSM241898	CELL
110	mim6	GSM258726	CELL
109	mim6	GSM258725	CELL
108	MIMCD3	GSM258724	CELL
107	MIMCD3	GSM258723	CELL
106	Bruce4	GSM258666	CELL
105	Bruce4	GSM258665	CELL
104	C2C12	GSM258664	CELL
103	C2C12	GSM258663	CELL
102	NH3T3	GSM258730	CELL
101	NH3T3	GSM258729	CELL
100	3T3-L1	GSM258610	CELL
99	3T3-L1	GSM258609	CELL
98	10T12	GSM258632	CELL
97	10T12	GSM258631	CELL
96	Osteoblast-d21	GSM258740	CELL
95	Osteoblast-d21	GSM258739	CELL
94	Osteoblast-d14	GSM258738	CELL
93	Osteoblast-d14	GSM258737	CELL
92	Osteoblast-d5	GSM258742	CELL
91	Osteoblast-d5	GSM258741	CELL
90	Chondrocytes	GSM266741	CELL
89	Chondrocytes	GSM266740	CELL
88	Nat Helper cell	GSM465594	CELL
87	Nat Helper cell	GSM465593	CELL
86	Tt cell	GSM465596	CELL
85	MS-1	GSM234692	CELL
84	Lymph-endc-cells	GSM143704	CELL
83	PP-FDC	GSM481977	CELL
82	PP-FDC	GSM481978	CELL
81	PP-FDC	GSM481976	CELL
80	E-LY	RMLNDC003001	CELL
79	E-LY	RMLNDC003001	CELL
78	Follicular-Bcells	GSM258664	CELL
77	Follicular-Bcells	GSM258663	CELL
76	MZ-Bcell	GSM258622	CELL
75	MZ-Bcell	GSM258621	CELL
74	BAF3	GSM258620	CELL
73	BAF3	GSM258619	CELL
72	Tregs	GSM258778	CELL
71	T-cells-CD8+	GSM258777	CELL
70	T-cells-CD8+	GSM258776	CELL
69	T-cells-CD4+	GSM258774	CELL
68	T-cells-CD4+	GSM258773	CELL
67	T-cells-CD4+	GSM258744	CELL
66	Thymocyte-DN	GSM465595	CELL
65	Osteoclasts	GSM258743	CELL
64	Microglia	GSM258721	CELL
63	Microglia	GSM258721	CELL
62	MM-LPS-7h	GSM258706	CELL
61	MM-LPS-7h	GSM258705	CELL
60	MM-LPS-6h	GSM258702	CELL
59	MM-LPS-6h	GSM258701	CELL
58	MM-LPS-6h	GSM258699	CELL
57	MM-LPS-6h	GSM258699	CELL
56	MM-LPS-6h	GSM258694	CELL
55	MM-LPS-6h	GSM258694	CELL
54	MM-LPS-6h	GSM258694	CELL
53	MM-LPS-6h	GSM258694	CELL
52	MM-LPS-6h	GSM258694	CELL
51	MM-LPS-6h	GSM258694	CELL
50	CD8a-DC	GSM258647	CELL
49	CD8a-DC	GSM258647	CELL
48	CD8a+DC	GSM258646	CELL
47	NK-cells	GSM258732	CELL
46	NK-cells	GSM258731	CELL
45	Mast-cells-IgE+Ad	GSM258718	CELL
44	Mast-cells-IgE+Ad	GSM258717	CELL
43	Mast-cells-IgE	GSM258714	CELL
42	Mast-cells-IgE	GSM258713	CELL
41	Mast-cells	GSM258712	CELL
40	Granulocytes	GSM258667	CELL
39	Granulocytes	GSM258667	CELL
38	GMP	GSM258666	CELL
37	GMP	GSM258665	CELL
36	GMP	GSM258664	CELL
35	GMP	GSM258664	CELL
34	GMP	GSM258672	CELL
33	GMP	GSM258672	CELL
32	GMP	GSM258672	CELL
31	MEP	GSM258770	CELL
30	MEP	GSM258770	CELL
29	HS-C	GSM258770	CELL
28	Bone marrow	GSM258628	CELL
27	paneth-cells-GF	GSM116358	CELL
26	paneth-cells-GF	GSM116357	CELL
25	paneth-cells	GSM116350	CELL
24	paneth-cells	GSM116359	CELL
23	paneth-cells	GSM318589	CELL
22	paneth-cells	GSM318590	CELL
21	Colon-Crypt	GSM480375	cel
20	Colon-Crypt	GSM480374	cel
19	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480362	cel
17	Colon-IEC-GF	GSM349880	CEL
16	Colon-IEC-GF	GSM350375	CEL
15	ileum-IEC	GSM350376	CEL
14	ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002901	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE-RMPYEP001001	CEL	
10	FAE-RMPYEP001001	CEL	
09	ileum-IEC	GSM190797	CEL
08	ileum-IEC	GSM190796	CEL
07	ileum-IEC	GSM190795	CEL
06	CT-w-M-cells	GSM190794	CEL
05	CT-w-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0008\_High in differentiating osteoblasts (236 nodes)

2,445.8  
2,317.1  
2,188.4  
2,059.6  
1,930.9  
1,802.2  
1,673.5  
1,544.7  
1,416  
1,287.3  
1,158.6  
1,029.8  
901.1  
772.4  
643.6  
514.9  
386.2  
257.5  
128.7  
0

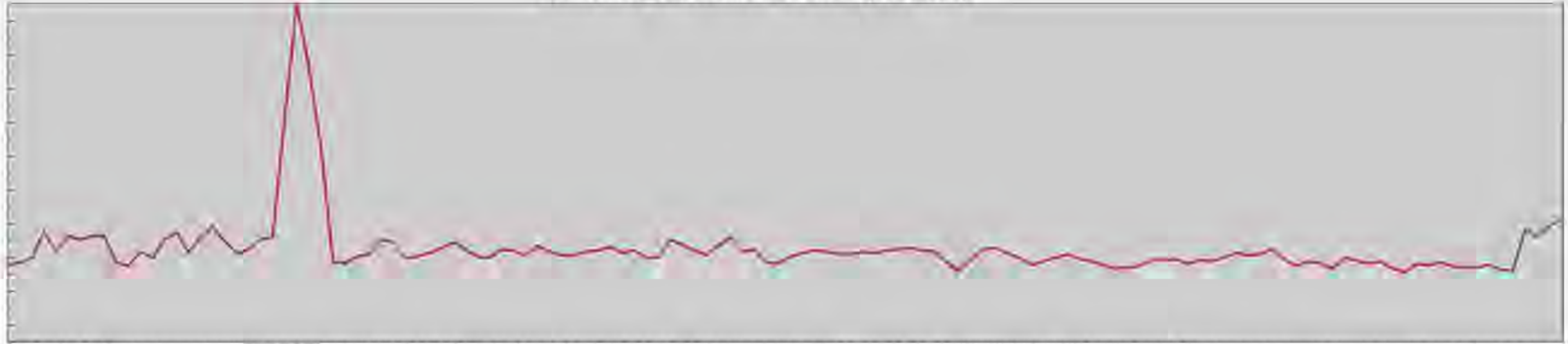


30-NAT GSM289411 CELL  
 29-NAT GSM289410 CELL  
 28-NAT GSM289409 CELL  
 27-NAT GSM289408 CELL  
 26-Color-d9 GSM1988105 CELL  
 25-Color-d9 GSM1988104 CELL  
 24-Color-d9 GSM1988103 CELL  
 23-Color-d4 GSM1988102 CELL  
 22-Color-d4 GSM1988101 CELL  
 21-Intestine-large GSM258676 CELL  
 20-Intestine-large GSM258675 CELL  
 19-Intestine-small GSM258674 CELL  
 18-Intestine-small GSM258673 CELL  
 17-Lymph-nodes GSM258672 CELL  
 16-Spleen GSM258671 CELL  
 15-Spleen GSM258670 CELL  
 14-Neuro2a GSM258669 CELL  
 13-Astrocytes GSM241898 CELL  
 12-mimb GSM258667 CELL  
 11-mimb GSM258666 CELL  
 10-MIMCD3 GSM258665 CELL  
 09-MIMCD3 GSM258664 CELL  
 08-Bruce4 GSM258663 CELL  
 07-Bruce4 GSM258662 CELL  
 06-C2C12 GSM258661 CELL  
 05-NH3T3 GSM258660 CELL  
 04-NH3T3 GSM258659 CELL  
 03-3T3-L1 GSM258658 CELL  
 02-3T3-L1 GSM258657 CELL  
 01-3T3-L1 GSM258656 CELL  
 99-10T12 GSM258655 CELL  
 98-10T12 GSM258654 CELL  
 97-Osteoblast-d21 GSM258653 CELL  
 96-Osteoblast-d21 GSM258652 CELL  
 95-Osteoblast-d14 GSM258651 CELL  
 94-Osteoblast-d14 GSM258650 CELL  
 93-Osteoblast-d5 GSM258649 CELL  
 92-Osteoblast-d5 GSM258648 CELL  
 91-Chondrocytes GSM258647 CELL  
 90-Chondrocytes GSM258646 CELL  
 89-Nat Helper cell GSM465594 CELL  
 88-Nat Helper cell GSM465593 CELL  
 87-LT cell GSM465592 CELL  
 86-MS-1 GSM234692 CELL  
 85-Lymph-endo-cells GSM143704 CELL  
 84-Lymph-endo-cells GSM481977 CELL  
 83-Lymph-endo-cells GSM481978 CELL  
 82-Lymph-endo-cells GSM481979 CELL  
 81-Lymph-endo-cells GSM481980 CELL  
 80-Lymph-endo-cells GSM481981 CELL  
 79-Lymph-endo-cells GSM481982 CELL  
 78-Lymph-endo-cells GSM481983 CELL  
 77-Lymph-endo-cells GSM481984 CELL  
 76-Lymph-endo-cells GSM481985 CELL  
 75-Lymph-endo-cells GSM481986 CELL  
 74-Lymph-endo-cells GSM481987 CELL  
 73-Lymph-endo-cells GSM481988 CELL  
 72-Lymph-endo-cells GSM481989 CELL  
 71-Lymph-endo-cells GSM481990 CELL  
 70-Lymph-endo-cells GSM481991 CELL  
 69-Lymph-endo-cells GSM481992 CELL  
 68-Lymph-endo-cells GSM481993 CELL  
 67-Lymph-endo-cells GSM481994 CELL  
 66-Lymph-endo-cells GSM481995 CELL  
 65-Lymph-endo-cells GSM481996 CELL  
 64-Lymph-endo-cells GSM481997 CELL  
 63-Lymph-endo-cells GSM481998 CELL  
 62-Lymph-endo-cells GSM481999 CELL  
 61-Lymph-endo-cells GSM482000 CELL  
 60-Lymph-endo-cells GSM482001 CELL  
 59-Lymph-endo-cells GSM482002 CELL  
 58-Lymph-endo-cells GSM482003 CELL  
 57-Lymph-endo-cells GSM482004 CELL  
 56-Lymph-endo-cells GSM482005 CELL  
 55-Lymph-endo-cells GSM482006 CELL  
 54-Lymph-endo-cells GSM482007 CELL  
 53-Lymph-endo-cells GSM482008 CELL  
 52-Lymph-endo-cells GSM482009 CELL  
 51-Lymph-endo-cells GSM482010 CELL  
 50-Lymph-endo-cells GSM482011 CELL  
 49-Lymph-endo-cells GSM482012 CELL  
 48-Lymph-endo-cells GSM482013 CELL  
 47-Lymph-endo-cells GSM482014 CELL  
 46-Lymph-endo-cells GSM482015 CELL  
 45-Lymph-endo-cells GSM482016 CELL  
 44-Lymph-endo-cells GSM482017 CELL  
 43-Lymph-endo-cells GSM482018 CELL  
 42-Lymph-endo-cells GSM482019 CELL  
 41-Lymph-endo-cells GSM482020 CELL  
 40-Lymph-endo-cells GSM482021 CELL  
 39-Lymph-endo-cells GSM482022 CELL  
 38-Lymph-endo-cells GSM482023 CELL  
 37-Lymph-endo-cells GSM482024 CELL  
 36-Lymph-endo-cells GSM482025 CELL  
 35-Lymph-endo-cells GSM482026 CELL  
 34-Lymph-endo-cells GSM482027 CELL  
 33-Lymph-endo-cells GSM482028 CELL  
 32-Lymph-endo-cells GSM482029 CELL  
 31-Lymph-endo-cells GSM482030 CELL  
 30-Lymph-endo-cells GSM482031 CELL  
 29-Lymph-endo-cells GSM482032 CELL  
 28-Lymph-endo-cells GSM482033 CELL  
 27-Lymph-endo-cells GSM482034 CELL  
 26-Lymph-endo-cells GSM482035 CELL  
 25-Lymph-endo-cells GSM482036 CELL  
 24-Lymph-endo-cells GSM482037 CELL  
 23-Lymph-endo-cells GSM482038 CELL  
 22-Lymph-endo-cells GSM482039 CELL  
 21-Lymph-endo-cells GSM482040 CELL  
 20-Lymph-endo-cells GSM482041 CELL  
 19-Lymph-endo-cells GSM482042 CELL  
 18-Lymph-endo-cells GSM482043 CELL  
 17-Lymph-endo-cells GSM482044 CELL  
 16-Lymph-endo-cells GSM482045 CELL  
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 14-Lymph-endo-cells GSM482047 CELL  
 13-Lymph-endo-cells GSM482048 CELL  
 12-Lymph-endo-cells GSM482049 CELL  
 11-Lymph-endo-cells GSM482050 CELL  
 10-Lymph-endo-cells GSM482051 CELL  
 9-Lymph-endo-cells GSM482052 CELL  
 8-Lymph-endo-cells GSM482053 CELL  
 7-Lymph-endo-cells GSM482054 CELL  
 6-Lymph-endo-cells GSM482055 CELL  
 5-Lymph-endo-cells GSM482056 CELL  
 4-Lymph-endo-cells GSM482057 CELL  
 3-Lymph-endo-cells GSM482058 CELL  
 2-Lymph-endo-cells GSM482059 CELL  
 1-Lymph-endo-cells GSM482060 CELL



Cluster0009\_Low in some Paneth cells (224 nodes)

115.9  
109.8  
103.7  
97.6  
91.5  
85.4  
79.3  
73.2  
67.1  
61  
54.9  
48.8  
42.7  
36.6  
30.5  
24.4  
18.3  
12.2  
6.1  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-paneth-cells-GF-1 GSM116357.CEL  
125-paneth-cells GSM116350.CEL  
124-paneth-cells GSM116359.CEL  
123-paneth-cells GSM318589.CEL  
122-paneth-cells GSM318590.CEL  
121-paneth-cells GSM480375.CEL  
120-paneth-cells GSM480374.CEL  
119-paneth-cells-GF GSM116358.CEL  
118-paneth-cells-GF GSM116357.CEL  
117-paneth-cells-GF GSM116357.CEL  
116-paneth-cells-GF GSM116357.CEL  
115-paneth-cells-GF GSM116357.CEL  
114-paneth-cells-GF GSM116357.CEL  
113-paneth-cells-GF GSM116357.CEL  
112-paneth-cells-GF GSM116357.CEL  
111-paneth-cells-GF GSM116357.CEL  
110-paneth-cells-GF GSM116357.CEL  
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84-paneth-cells-GF GSM116357.CEL  
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42-paneth-cells-GF GSM116357.CEL  
41-paneth-cells-GF GSM116357.CEL  
40-paneth-cells-GF GSM116357.CEL  
39-paneth-cells-GF GSM116357.CEL  
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28-paneth-cells-GF GSM116357.CEL  
27-paneth-cells-GF GSM116357.CEL  
26-paneth-cells-GF GSM116357.CEL  
25-paneth-cells-GF GSM116357.CEL  
24-paneth-cells-GF GSM116357.CEL  
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19-paneth-cells-GF GSM116357.CEL  
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17-paneth-cells-GF GSM116357.CEL  
16-paneth-cells-GF GSM116357.CEL  
15-paneth-cells-GF GSM116357.CEL  
14-paneth-cells-GF GSM116357.CEL  
13-paneth-cells-GF GSM116357.CEL  
12-paneth-cells-GF GSM116357.CEL  
11-paneth-cells-GF GSM116357.CEL  
10-paneth-cells-GF GSM116357.CEL  
09-paneth-cells-GF GSM116357.CEL  
08-paneth-cells-GF GSM116357.CEL  
07-paneth-cells-GF GSM116357.CEL  
06-paneth-cells-GF GSM116357.CEL  
05-paneth-cells-GF GSM116357.CEL  
04-paneth-cells-GF GSM116357.CEL  
03-paneth-cells-GF GSM116357.CEL  
02-paneth-cells-GF GSM116357.CEL  
01-paneth-cells-GF GSM116357.CEL



Cluster0010\_Small and large intestine-related (220 nodes)

2,708.6  
2,566  
2,423.6  
2,280.9  
2,138.4  
1,995.8  
1,853.2  
1,710.7  
1,568.1  
1,425.6  
1,283  
1,140.5  
997.9  
855.3  
712.8  
570.2  
427.7  
285.1  
142.6  
0

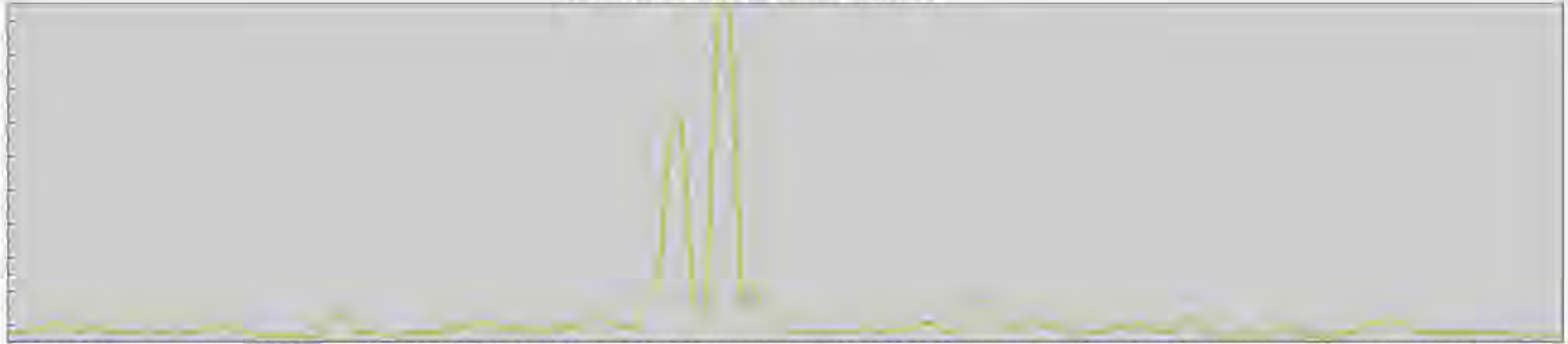


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988104 CELL  
124-Color-d9 GSM1988103 CELL  
123-Color-d4 GSM1988102 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Lymph-nodes GSM258671 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258766 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258739 CELL  
101-NH3T3 GSM258738 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-F-L-Y RMLNDCC003001 CELL  
79-F-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Microglia GSM258727 CELL  
63-Microglia GSM258727 CELL  
62-MM-LPS-7h GSM258706 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258705 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258701 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-Plasmacytoid-DC GSM258650 CELL  
54-Plasmacytoid-DC GSM258649 CELL  
53-CD8a-DC GSM258647 CELL  
52-CD8a-DC GSM258647 CELL  
51-CD8a+DC GSM258646 CELL  
50-CD8a+DC GSM258646 CELL  
49-NK-cells GSM258732 CELL  
48-NK-cells GSM258731 CELL  
47-Mast-cells-IgE+Ad GSM258719 CELL  
46-Mast-cells-IgE+Ad GSM258717 CELL  
45-Mast-cells-IgE GSM258714 CELL  
44-Mast-cells-IgE GSM258713 CELL  
43-Mast-cells-IgE GSM258712 CELL  
42-Mast-cells-IgE GSM258712 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258667 CELL  
39-Granulocytes GSM258666 CELL  
38-GMP GSM258665 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258642 CELL  
35-GMP GSM258642 CELL  
34-MEP GSM258720 CELL  
33-MEP GSM258719 CELL  
32-MEP GSM258719 CELL  
31-HSC GSM258770 CELL  
30-HSC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-Color-Crypt GSM480375 CELL  
20-Color-Crypt GSM480374 CELL  
19-Color-Vill GSM480363 CELL  
18-Color-Vill GSM480362 CELL  
17-Color-IEC-GE GSM349880 CELL  
16-Color-IEC-GE GSM350375 CELL  
15-Ileum-IEC GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE RMPYEP002001 CELL  
10-FAE RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-PP-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0011\_Phagocyte-related (212 nodes)

4,629.4  
4,385.7  
4,142.1  
3,898.4  
3,654.8  
3,411.1  
3,167.5  
2,923.8  
2,680.2  
2,436.6  
2,192.9  
1,949.2  
1,705.6  
1,461.9  
1,218.3  
974.6  
731  
487.3  
243.7  
0

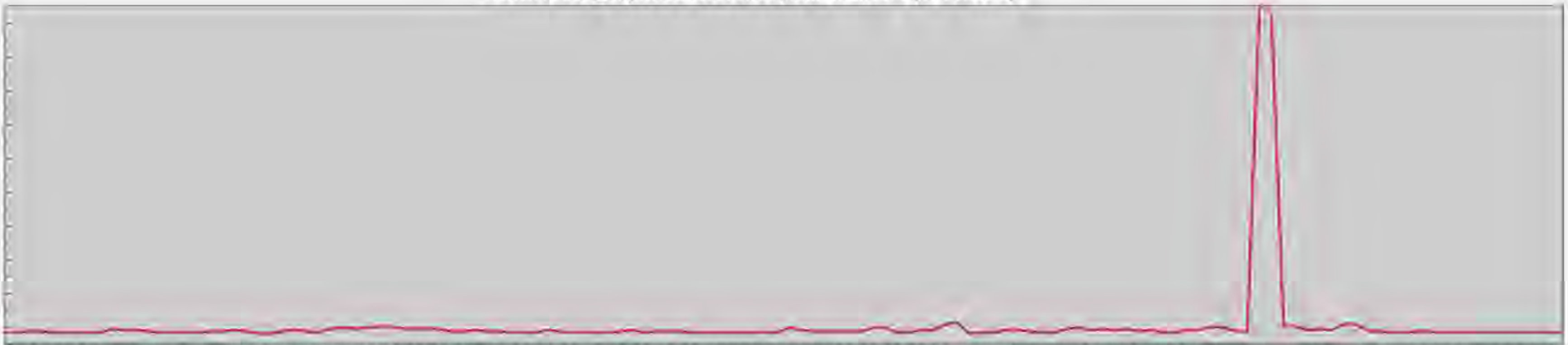


130- NALT GSM2899411 CELL  
 129- NALT GSM2899410 CELL  
 128- NALT GSM2899409 CELL  
 127- NALT GSM2899408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258674 CELL  
 118- Intestine-small GSM258673 CELL  
 117- Lymph-nodes GSM258672 CELL  
 116- Lymph-nodes GSM258671 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258766 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258727 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258726 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258724 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258665 CELL  
 105- Bruce4 GSM258664 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258689 CELL  
 102- NIH3T3 GSM258739 CELL  
 101- NIH3T3 GSM258738 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T1/2 GSM258632 CELL  
 97- 10T1/2 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Chondrocytes GSM266740 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- T cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- P-FDC GSM481977 CELL  
 82- P-FDC GSM481978 CELL  
 81- P-FDC GSM481976 CELL  
 80- F-L Y RMLNDCC003001 CELL  
 79- F-L Y RMLNDCC003001 CELL  
 78- Follicular-B-cells GSM258664 CELL  
 77- Follicular-B-cells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258627 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258774 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- T-cells-CD4+ GSM258744 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- MM-LPS-7h GSM258706 CELL  
 61- MM-LPS-7h GSM258706 CELL  
 60- MM-LPS-6h GSM258702 CELL  
 59- MM-LPS-6h GSM258701 CELL  
 58- MM-LPS-6h GSM258699 CELL  
 57- MM-LPS-6h GSM258699 CELL  
 56- MM-LPS-6h GSM258694 CELL  
 55- MM-LPS-6h GSM258694 CELL  
 54- MM-LPS-6h GSM258694 CELL  
 53- Plasmacytoid-DC GSM258650 CELL  
 52- Plasmacytoid-DC GSM258649 CELL  
 51- CD8a-DC GSM258648 CELL  
 50- CD8a-DC GSM258647 CELL  
 49- CD8a+DC GSM258646 CELL  
 48- CD8a+DC GSM258646 CELL  
 47- NK-cells GSM258732 CELL  
 46- NK-cells GSM258731 CELL  
 45- Mast-cells-IgE+Ad GSM258719 CELL  
 44- Mast-cells-IgE+Ad GSM258717 CELL  
 43- Mast-cells-IgE GSM258714 CELL  
 42- Mast-cells-IgE GSM258713 CELL  
 41- Mast-cells GSM258712 CELL  
 40- Granulocytes GSM258667 CELL  
 39- Granulocytes GSM258667 CELL  
 38- GMP GSM258666 CELL  
 37- GMP GSM258665 CELL  
 36- GMP GSM258665 CELL  
 35- CMP GSM258642 CELL  
 34- CMP GSM258642 CELL  
 33- MIEP GSM258720 CELL  
 32- MIEP GSM258719 CELL  
 31- HESC GSM258770 CELL  
 30- HESC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116358 CELL  
 26- Paneth-cells-GF-1 GSM116357 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002001 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE RMPYEP002001 CELL  
 10- FAE RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- PP-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0012\_High in Bruce 4 embryonic stem cells (202 nodes)

1,153.2  
1,092.5  
1,031.8  
971.1  
910.4  
849.7  
789.1  
728.4  
667.7  
607  
546.3  
485.6  
424.9  
364.2  
303.5  
242.8  
182.1  
121.4  
60.7  
0



30-NALT GSM289411 CELL  
29-NALT GSM289410 CELL  
28-NALT GSM289409 CELL  
27-NALT GSM289408 CELL  
26-NALT GSM289407 CELL  
25-NALT GSM289406 CELL  
24-NALT GSM289405 CELL  
23-NALT GSM289404 CELL  
22-NALT GSM289403 CELL  
21-NALT GSM289402 CELL  
20-NALT GSM289401 CELL  
19-NALT GSM289400 CELL  
18-NALT GSM289399 CELL  
17-NALT GSM289398 CELL  
16-NALT GSM289397 CELL  
15-NALT GSM289396 CELL  
14-NALT GSM289395 CELL  
13-NALT GSM289394 CELL  
12-NALT GSM289393 CELL  
11-NALT GSM289392 CELL  
10-NALT GSM289391 CELL  
9-NALT GSM289390 CELL  
8-NALT GSM289389 CELL  
7-NALT GSM289388 CELL  
6-NALT GSM289387 CELL  
5-NALT GSM289386 CELL  
4-NALT GSM289385 CELL  
3-NALT GSM289384 CELL  
2-NALT GSM289383 CELL  
1-NALT GSM289382 CELL  
0-NALT GSM289381 CELL  
30-NALT GSM289380 CELL  
29-NALT GSM289379 CELL  
28-NALT GSM289378 CELL  
27-NALT GSM289377 CELL  
26-NALT GSM289376 CELL  
25-NALT GSM289375 CELL  
24-NALT GSM289374 CELL  
23-NALT GSM289373 CELL  
22-NALT GSM289372 CELL  
21-NALT GSM289371 CELL  
20-NALT GSM289370 CELL  
19-NALT GSM289369 CELL  
18-NALT GSM289368 CELL  
17-NALT GSM289367 CELL  
16-NALT GSM289366 CELL  
15-NALT GSM289365 CELL  
14-NALT GSM289364 CELL  
13-NALT GSM289363 CELL  
12-NALT GSM289362 CELL  
11-NALT GSM289361 CELL  
10-NALT GSM289360 CELL  
9-NALT GSM289359 CELL  
8-NALT GSM289358 CELL  
7-NALT GSM289357 CELL  
6-NALT GSM289356 CELL  
5-NALT GSM289355 CELL  
4-NALT GSM289354 CELL  
3-NALT GSM289353 CELL  
2-NALT GSM289352 CELL  
1-NALT GSM289351 CELL  
0-NALT GSM289350 CELL  
30-NALT GSM289349 CELL  
29-NALT GSM289348 CELL  
28-NALT GSM289347 CELL  
27-NALT GSM289346 CELL  
26-NALT GSM289345 CELL  
25-NALT GSM289344 CELL  
24-NALT GSM289343 CELL  
23-NALT GSM289342 CELL  
22-NALT GSM289341 CELL  
21-NALT GSM289340 CELL  
20-NALT GSM289339 CELL  
19-NALT GSM289338 CELL  
18-NALT GSM289337 CELL  
17-NALT GSM289336 CELL  
16-NALT GSM289335 CELL  
15-NALT GSM289334 CELL  
14-NALT GSM289333 CELL  
13-NALT GSM289332 CELL  
12-NALT GSM289331 CELL  
11-NALT GSM289330 CELL  
10-NALT GSM289329 CELL  
9-NALT GSM289328 CELL  
8-NALT GSM289327 CELL  
7-NALT GSM289326 CELL  
6-NALT GSM289325 CELL  
5-NALT GSM289324 CELL  
4-NALT GSM289323 CELL  
3-NALT GSM289322 CELL  
2-NALT GSM289321 CELL  
1-NALT GSM289320 CELL  
0-NALT GSM289319 CELL  
30-NALT GSM289318 CELL  
29-NALT GSM289317 CELL  
28-NALT GSM289316 CELL  
27-NALT GSM289315 CELL  
26-NALT GSM289314 CELL  
25-NALT GSM289313 CELL  
24-NALT GSM289312 CELL  
23-NALT GSM289311 CELL  
22-NALT GSM289310 CELL  
21-NALT GSM289309 CELL  
20-NALT GSM289308 CELL  
19-NALT GSM289307 CELL  
18-NALT GSM289306 CELL  
17-NALT GSM289305 CELL  
16-NALT GSM289304 CELL  
15-NALT GSM289303 CELL  
14-NALT GSM289302 CELL  
13-NALT GSM289301 CELL  
12-NALT GSM289300 CELL  
11-NALT GSM289299 CELL  
10-NALT GSM289298 CELL  
9-NALT GSM289297 CELL  
8-NALT GSM289296 CELL  
7-NALT GSM289295 CELL  
6-NALT GSM289294 CELL  
5-NALT GSM289293 CELL  
4-NALT GSM289292 CELL  
3-NALT GSM289291 CELL  
2-NALT GSM289290 CELL  
1-NALT GSM289289 CELL  
0-NALT GSM289288 CELL



Cluster0013\_Mesenchyme-related/extracellular matrix (181 nodes)

3,757.6  
 3,559.8  
 3,362  
 3,164.3  
 2,966.6  
 2,768.7  
 2,571  
 2,373.2  
 2,175.4  
 1,977.7  
 1,779.9  
 1,582.1  
 1,384.4  
 1,186.6  
 988.8  
 791.1  
 593.3  
 395.5  
 197.8  
 0



130-NALT GSM289411.CELL  
 129-NALT GSM289410.CELL  
 128-NALT GSM289409.CELL  
 127-NALT GSM289408.CELL  
 126-Colon-d9 GSM1988105.CELL  
 125-Colon-d9 GSM1988104.CELL  
 124-Colon-d9 GSM1988103.CELL  
 123-Colon-d4 GSM1988102.CELL  
 122-Colon-d4 GSM1988101.CELL  
 121-Intestine-large GSM258676.CELL  
 120-Intestine-large GSM258675.CELL  
 119-Intestine-small GSM258678.CELL  
 118-Intestine-small GSM258692.CELL  
 117-Lymph-nodes GSM258691.CELL  
 116-Lymph-nodes GSM258768.CELL  
 115-Spleen GSM258767.CELL  
 114-Spleen GSM258766.CELL  
 113-Neuro2a GSM258728.CELL  
 112-Neuro2a GSM258727.CELL  
 111-Astrocytes GSM241898.CELL  
 110-mim6 GSM258726.CELL  
 109-mim6 GSM258725.CELL  
 108-MIMCD3 GSM258724.CELL  
 107-MIMCD3 GSM258723.CELL  
 106-Bruce4 GSM258656.CELL  
 105-Bruce4 GSM258655.CELL  
 104-C2C12 GSM258690.CELL  
 103-C2C12 GSM258689.CELL  
 102-NH3T3 GSM258739.CELL  
 101-NH3T3 GSM258738.CELL  
 100-3T3-L1 GSM258610.CELL  
 99-3T3-L1 GSM258609.CELL  
 98-10T12 GSM258632.CELL  
 97-10T12 GSM258631.CELL  
 96-Osteoblast-d21 GSM258740.CELL  
 95-Osteoblast-d21 GSM258739.CELL  
 94-Osteoblast-d14 GSM258738.CELL  
 93-Osteoblast-d14 GSM258737.CELL  
 92-Osteoblast-d5 GSM258742.CELL  
 91-Osteoblast-d5 GSM258741.CELL  
 90-Chondrocytes GSM266741.CELL  
 89-Chondrocytes GSM266740.CELL  
 88-Nat Helper cell GSM465594.CELL  
 87-Nat Helper cell GSM465593.CELL  
 86-TT cell GSM465596.CELL  
 85-MS-1 GSM234692.CELL  
 84-Lymph-endo-cells GSM143704.CELL  
 83-PP-FDC GSM481977.CELL  
 82-PP-FDC GSM481978.CELL  
 81-PP-FDC GSM481976.CELL  
 80-LY-RMLNDCC003001.CELL  
 79-LY-RMLNDCC003001.CELL  
 78-Follicular-Bcells GSM258664.CELL  
 77-Follicular-Bcells GSM258663.CELL  
 76-MZ-Bcell GSM258627.CELL  
 75-MZ-Bcell GSM258621.CELL  
 74-BAF3 GSM258620.CELL  
 73-BAF3 GSM258619.CELL  
 72-Tregs GSM258778.CELL  
 71-Tregs GSM258777.CELL  
 70-T-cells-CD8+ GSM258776.CELL  
 69-T-cells-CD8+ GSM258775.CELL  
 68-T-cells-CD4+ GSM258774.CELL  
 67-T-cells-CD4+ GSM258773.CELL  
 66-Thymocyte-DN GSM465595.CELL  
 65-Osteoclasts GSM258744.CELL  
 64-Osteoclasts GSM258743.CELL  
 63-Microglia GSM258721.CELL  
 62-Microglia GSM258721.CELL  
 61-PM-M-PS-7h GSM258706.CELL  
 60-PM-M-PS-7h GSM258705.CELL  
 59-PM-M-PS-6h GSM258702.CELL  
 58-PM-M-PS-6h GSM258701.CELL  
 57-BMM-LPS-6h GSM258699.CELL  
 56-BMM-LPS-6h GSM258699.CELL  
 55-BMM-LPS-6h GSM258694.CELL  
 54-BMM-LPS-6h GSM258694.CELL  
 53-Plasmacytoid-DC GSM258650.CELL  
 52-CD8a-DC GSM258649.CELL  
 51-CD8a-DC GSM258647.CELL  
 50-CD8a-DC GSM258647.CELL  
 49-CD8a+DC GSM258646.CELL  
 48-CD8a+DC GSM258646.CELL  
 47-NK-cells GSM258732.CELL  
 46-NK-cells GSM258731.CELL  
 45-Mast-cells-IgE+Ad GSM258718.CELL  
 44-Mast-cells-IgE+Ad GSM258717.CELL  
 43-Mast-cells-IgE GSM258714.CELL  
 42-Mast-cells-IgE GSM258713.CELL  
 41-Mast-cells GSM258712.CELL  
 40-Granulocytes GSM258668.CELL  
 39-Granulocytes GSM258667.CELL  
 38-GMP GSM258666.CELL  
 37-GMP GSM258666.CELL  
 36-GMP GSM258665.CELL  
 35-GMP GSM258664.CELL  
 34-MEP GSM2588720.CELL  
 33-MEP GSM2588719.CELL  
 32-MEP GSM2588719.CELL  
 31-HSC GSM2588770.CELL  
 30-HSC GSM2588769.CELL  
 29-Bone marrow GSM258828.CELL  
 28-Bone marrow GSM258827.CELL  
 27-paneth-cells-GE GSM116357.CELL  
 26-paneth-cells-GE GSM116357.CELL  
 25-paneth-cells GSM116350.CELL  
 24-paneth-cells GSM116359.CELL  
 23-paneth-cells GSM318589.CELL  
 22-paneth-cells GSM318590.CELL  
 21-Colon-Crypt GSM480375.CELL  
 20-Colon-Crypt GSM480374.CELL  
 19-Colon-Vill GSM480363.CELL  
 18-Colon-Vill GSM480362.CELL  
 17-Colon-IEC-GE GSM349880.CELL  
 16-Colon-IEC-GE GSM350375.CELL  
 15-Ileum-IEC GSM350371.CELL  
 14-Ileum-IEC GSM350371.CELL  
 13-Small-intestine-epithelium RMINEP002001.CELL  
 12-Small-intestine-epithelium RMINEP001001.CELL  
 11-FAE-RMPYEP001001.CELL  
 10-FAE-RMPYEP001001.CELL  
 09-Ileum-IEC GSM190797.CELL  
 08-Ileum-IEC GSM190796.CELL  
 07-Ileum-IEC GSM190795.CELL  
 06-CT-v-M-cells GSM190794.CELL  
 05-CT-v-M-cells GSM190793.CELL  
 04-PP-M-cells GSM190792.CELL  
 03-PP-M-cells GSM190791.CELL  
 02-PP-M-cells GSM190790.CELL  
 01-PP-M-cells GSM190789.CELL



Cluster0014\_High in bone marrow (180 nodes)

3,967.4  
3,758.6  
3,549.8  
3,340.9  
3,132.1  
2,923.3  
2,714.5  
2,505.7  
2,296.9  
2,088.1  
1,879.3  
1,670.5  
1,461.7  
1,252.9  
1,044  
835.2  
626.4  
417.8  
208.8  
0



30-NALT GSM289411 CEL  
 129-NALT GSM289410 CEL  
 128-NALT GSM289409 CEL  
 127-NALT GSM289408 CEL  
 126-Color-d9 GSM1988105 CEL  
 125-Color-d9 GSM1988104 CEL  
 124-Color-d9 GSM1988103 CEL  
 123-Color-d4 GSM1988102 CEL  
 122-Color-d4 GSM1988101 CEL  
 121-Intestine-large GSM258676 CEL  
 120-Intestine-large GSM258675 CEL  
 119-Intestine-small GSM258674 CEL  
 118-Intestine-small GSM258673 CEL  
 117-Lymph-nodes GSM258672 CEL  
 116-Spleen GSM258671 CEL  
 115-Spleen GSM258670 CEL  
 114-Spleen GSM258669 CEL  
 113-Neuro2a GSM241898 CEL  
 112-Neuro2a GSM241897 CEL  
 111-Astrocytes GSM241896 CEL  
 110-mimb GSM258726 CEL  
 109-mimb GSM258725 CEL  
 108-MIMCD3 GSM258724 CEL  
 107-MIMCD3 GSM258723 CEL  
 106-Bruce4 GSM258656 CEL  
 105-Bruce4 GSM258655 CEL  
 104-C2C12 GSM258654 CEL  
 103-C2C12 GSM258653 CEL  
 102-NH3T3 GSM258739 CEL  
 101-NH3T3 GSM258738 CEL  
 100-3T3-L1 GSM258610 CEL  
 99-3T3-L1 GSM258609 CEL  
 98-10T12 GSM258632 CEL  
 97-10T12 GSM258631 CEL  
 96-Osteoblast-d21 GSM258740 CEL  
 95-Osteoblast-d21 GSM258739 CEL  
 94-Osteoblast-d14 GSM258738 CEL  
 93-Osteoblast-d14 GSM258737 CEL  
 92-Osteoblast-d5 GSM258742 CEL  
 91-Osteoblast-d5 GSM258741 CEL  
 90-Chondrocytes GSM266741 CEL  
 89-Chondrocytes GSM266740 CEL  
 88-Nat Helper cell GSM465594 CEL  
 87-Nat Helper cell GSM465593 CEL  
 86-TT cell GSM465596 CEL  
 85-MS-1 GSM234692 CEL  
 84-Lymph-endo-cells GSM143704 CEL  
 83-PP-FDC GSM481977 CEL  
 82-PP-FDC GSM481978 CEL  
 81-PP-FDC GSM481976 CEL  
 80-LY RMLNDCC003001 CEL  
 79-LY RMLNDCC003001 CEL  
 78-Follicular-Bcells GSM258664 CEL  
 77-Follicular-Bcells GSM258663 CEL  
 76-MZ-Bcell GSM258627 CEL  
 75-MZ-Bcell GSM258627 CEL  
 74-BAF3 GSM258620 CEL  
 73-BAF3 GSM258619 CEL  
 72-Tregs GSM258778 CEL  
 71-Tregs GSM258777 CEL  
 70-T-cells-CD8+ GSM258776 CEL  
 69-T-cells-CD8+ GSM258774 CEL  
 68-T-cells-CD4+ GSM258773 CEL  
 67-T-cells-CD4+ GSM258773 CEL  
 66-Thymocyte-DN GSM465595 CEL  
 65-Osteoclasts GSM258743 CEL  
 64-Osteoclasts GSM258743 CEL  
 63-Microglia GSM258721 CEL  
 62-Microglia GSM258721 CEL  
 61-MM-LPS-7h GSM268706 CEL  
 60-MM-LPS-7h GSM268705 CEL  
 59-MM-LPS-6h GSM258702 CEL  
 58-MM-LPS-6h GSM258702 CEL  
 57-MM-LPS-6h GSM258699 CEL  
 56-MM-LPS-6h GSM258699 CEL  
 55-MM-LPS-6h GSM258694 CEL  
 54-MM-LPS-6h GSM258694 CEL  
 53-Ismacryoid-DC GSM258650 CEL  
 52-Ismacryoid-DC GSM258649 CEL  
 51-CD8a-DC GSM258647 CEL  
 50-CD8a-DC GSM258647 CEL  
 49-CD8a+DC GSM258646 CEL  
 48-CD8a+DC GSM258646 CEL  
 47-NK-cells GSM258732 CEL  
 46-NK-cells GSM258732 CEL  
 45-Mast-cells-IgE+Ad GSM258718 CEL  
 44-Mast-cells-IgE+Ad GSM258717 CEL  
 43-Mast-cells-IgE GSM258714 CEL  
 42-Mast-cells-IgE GSM258713 CEL  
 41-Mast-cells GSM258712 CEL  
 40-Granulocytes GSM258712 CEL  
 39-Granulocytes GSM258667 CEL  
 38-MP GSM258666 CEL  
 37-MP GSM258665 CEL  
 36-MP GSM258665 CEL  
 35-MP GSM258642 CEL  
 34-MP GSM258642 CEL  
 33-MEP GSM258770 CEL  
 32-MEP GSM258770 CEL  
 31-HESC GSM258770 CEL  
 30-HESC GSM258770 CEL  
 29-Bone marrow GSM258628 CEL  
 28-Bone marrow GSM258627 CEL  
 27-paneth-cells-GE GSM116358 CEL  
 26-paneth-cells-GE GSM116357 CEL  
 25-paneth-cells GSM116350 CEL  
 24-paneth-cells GSM116359 CEL  
 23-paneth-cells GSM318589 CEL  
 22-paneth-cells GSM318590 CEL  
 21-paneth-cells GSM480375 cel  
 20-Colon-Crypt GSM480374 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-Gf GSM349880 CEL  
 16-Colon-IEC-Gf GSM350375 CEL  
 15-Ileum-IEC-Gf GSM350376 CEL  
 14-Ileum-IEC GSM350371 CEL  
 13-Small-intestine-epithelium RMINEP002901 CEL  
 12-Small-intestine-epithelium RMINEP001001 CEL  
 11-FAE-RMPYEP001001 CEL  
 10-FAE-RMPYEP001001 CEL  
 09-Ileum-IEC GSM190797 CEL  
 08-Ileum-IEC GSM190796 CEL  
 07-Ileum-IEC GSM190795 CEL  
 06-CT-w-M-cells GSM190794 CEL  
 05-CT-y-M-cells GSM190793 CEL  
 04-PP-M-cells GSM190792 CEL  
 03-PP-M-cells GSM190791 CEL  
 02-PP-M-cells GSM190790 CEL  
 01-PP-M-cells GSM190789 CEL



Cluster0015\_Large intestine-related (171 nodes)

3,298.3  
3,134.7  
2,951.1  
2,777.5  
2,604  
2,430.4  
2,256.8  
2,083.2  
1,909.6  
1,738  
1,562.4  
1,388.8  
1,215.2  
1,041.6  
868  
694.4  
520.8  
347.2  
173.6  
0



01-PP-M-cells	GSM190789	CEL
02-PP-M-cells	GSM190790	CEL
03-PP-M-cells	GSM190791	CEL
04-CT-Y-M-cells	GSM190792	CEL
05-CT-Y-M-cells	GSM190793	CEL
06-CT-W-M-cells	GSM190794	CEL
07-Ileum-IEC	GSM190795	CEL
08-Ileum-IEC	GSM190796	CEL
09-Ileum-IEC	GSM190797	CEL
10-FAE-RMP	GSM190798	CEL
11-FAE-RMP	GSM190799	CEL
12-Small-intestine-epithelium	RMINEP001001	CEL
13-Small-intestine-epithelium	RMINEP002001	CEL
14-Ileum-IEC	GSM350371	CEL
15-Ileum-IEC	GSM350375	CEL
16-Color-Vill	GSM480362	cel
18-Color-Vill	GSM480363	cel
19-Color-Vill	GSM480364	cel
20-Color-Crypt	GSM480374	cel
21-Color-Crypt	GSM480375	cel
22-Paneth-cells	GSM318590	CEL
23-Paneth-cells	GSM318589	CEL
24-Paneth-cells	GSM116359	CEL
25-Paneth-cells	GSM116350	CEL
26-Paneth-cells	GSM116357	CEL
27-Paneth-cells	GSM116358	CEL
28-Bone marrow	GSM258627	CEL
29-Bone marrow	GSM258628	CEL
30-NALT	GSM289411	CEL
31-NALT	GSM289410	CEL
32-NALT	GSM289409	CEL
33-NALT	GSM289408	CEL
34-Color-d9	GSM198810	CEL
35-Color-d9	GSM198810	CEL
36-Color-d4	GSM198810	CEL
37-Color-d4	GSM198810	CEL
38-Color-d4	GSM198810	CEL
39-Color-d4	GSM198810	CEL
40-Intestine-large	GSM258675	CEL
41-Intestine-large	GSM258677	CEL
42-Intestine-small	GSM258678	CEL
43-Intestine-small	GSM258679	CEL
44-Lymph-nodes	GSM258680	CEL
45-Spleen	GSM258676	CEL
46-Spleen	GSM258677	CEL
47-Neuro2a	GSM258678	CEL
48-Neuro2a	GSM258679	CEL
49-Astrocytes	GSM241898	CEL
50-ming	GSM258672	CEL
51-ming	GSM258673	CEL
52-ming	GSM258674	CEL
53-MIMCD3	GSM258675	CEL
54-MIMCD3	GSM258676	CEL
55-MIMCD3	GSM258677	CEL
56-MIMCD3	GSM258678	CEL
57-MIMCD3	GSM258679	CEL
58-Bruc4	GSM258680	CEL
59-Bruc4	GSM258681	CEL
60-Bruc4	GSM258682	CEL
61-Bruc4	GSM258683	CEL
62-Bruc4	GSM258684	CEL
63-Bruc4	GSM258685	CEL
64-Bruc4	GSM258686	CEL
65-Bruc4	GSM258687	CEL
66-Bruc4	GSM258688	CEL
67-Bruc4	GSM258689	CEL
68-Bruc4	GSM258690	CEL
69-Bruc4	GSM258691	CEL
70-Bruc4	GSM258692	CEL
71-Bruc4	GSM258693	CEL
72-Bruc4	GSM258694	CEL
73-Bruc4	GSM258695	CEL
74-Bruc4	GSM258696	CEL
75-Bruc4	GSM258697	CEL
76-Bruc4	GSM258698	CEL
77-Bruc4	GSM258699	CEL
78-Bruc4	GSM258700	CEL
79-Bruc4	GSM258701	CEL
80-Bruc4	GSM258702	CEL
81-Bruc4	GSM258703	CEL
82-Bruc4	GSM258704	CEL
83-Bruc4	GSM258705	CEL
84-Bruc4	GSM258706	CEL
85-Bruc4	GSM258707	CEL
86-Bruc4	GSM258708	CEL
87-Bruc4	GSM258709	CEL
88-Bruc4	GSM258710	CEL
89-Bruc4	GSM258711	CEL
90-Bruc4	GSM258712	CEL
91-Bruc4	GSM258713	CEL
92-Bruc4	GSM258714	CEL
93-Bruc4	GSM258715	CEL
94-Bruc4	GSM258716	CEL
95-Bruc4	GSM258717	CEL
96-Bruc4	GSM258718	CEL
97-Bruc4	GSM258719	CEL
98-Bruc4	GSM258720	CEL
99-Bruc4	GSM258721	CEL
100-Bruc4	GSM258722	CEL
101-Bruc4	GSM258723	CEL
102-Bruc4	GSM258724	CEL
103-Bruc4	GSM258725	CEL
104-Bruc4	GSM258726	CEL
105-Bruc4	GSM258727	CEL
106-Bruc4	GSM258728	CEL
107-Bruc4	GSM258729	CEL
108-Bruc4	GSM258730	CEL
109-Bruc4	GSM258731	CEL
110-Bruc4	GSM258732	CEL
111-Bruc4	GSM258733	CEL
112-Bruc4	GSM258734	CEL
113-Bruc4	GSM258735	CEL
114-Bruc4	GSM258736	CEL
115-Bruc4	GSM258737	CEL
116-Bruc4	GSM258738	CEL
117-Bruc4	GSM258739	CEL
118-Bruc4	GSM258740	CEL
119-Bruc4	GSM258741	CEL
120-Bruc4	GSM258742	CEL
121-Bruc4	GSM258743	CEL
122-Bruc4	GSM258744	CEL
123-Bruc4	GSM258745	CEL
124-Bruc4	GSM258746	CEL
125-Bruc4	GSM258747	CEL
126-Bruc4	GSM258748	CEL
127-Bruc4	GSM258749	CEL
128-Bruc4	GSM258750	CEL
129-Bruc4	GSM258751	CEL
130-Bruc4	GSM258752	CEL
131-Bruc4	GSM258753	CEL
132-Bruc4	GSM258754	CEL
133-Bruc4	GSM258755	CEL
134-Bruc4	GSM258756	CEL
135-Bruc4	GSM258757	CEL
136-Bruc4	GSM258758	CEL
137-Bruc4	GSM258759	CEL
138-Bruc4	GSM258760	CEL
139-Bruc4	GSM258761	CEL
140-Bruc4	GSM258762	CEL
141-Bruc4	GSM258763	CEL
142-Bruc4	GSM258764	CEL
143-Bruc4	GSM258765	CEL
144-Bruc4	GSM258766	CEL
145-Bruc4	GSM258767	CEL
146-Bruc4	GSM258768	CEL
147-Bruc4	GSM258769	CEL
148-Bruc4	GSM258770	CEL
149-Bruc4	GSM258771	CEL
150-Bruc4	GSM258772	CEL
151-Bruc4	GSM258773	CEL
152-Bruc4	GSM258774	CEL
153-Bruc4	GSM258775	CEL
154-Bruc4	GSM258776	CEL
155-Bruc4	GSM258777	CEL
156-Bruc4	GSM258778	CEL
157-Bruc4	GSM258779	CEL
158-Bruc4	GSM258780	CEL
159-Bruc4	GSM258781	CEL
160-Bruc4	GSM258782	CEL
161-Bruc4	GSM258783	CEL
162-Bruc4	GSM258784	CEL
163-Bruc4	GSM258785	CEL
164-Bruc4	GSM258786	CEL
165-Bruc4	GSM258787	CEL
166-Bruc4	GSM258788	CEL
167-Bruc4	GSM258789	CEL
168-Bruc4	GSM258790	CEL
169-Bruc4	GSM258791	CEL
170-Bruc4	GSM258792	CEL
171-Bruc4	GSM258793	CEL



Cluster0016\_House keeping-Ribosomal (170 nodes)

12,441.1  
11,786.3  
11,131.5  
10,476.7  
9,821.9  
9,167.1  
8,512.3  
7,857.5  
7,202.7  
6,547.9  
5,893.2  
5,238.4  
4,583.6  
3,928.8  
3,274  
2,619.2  
1,964.4  
1,309.6  
654.8  
0

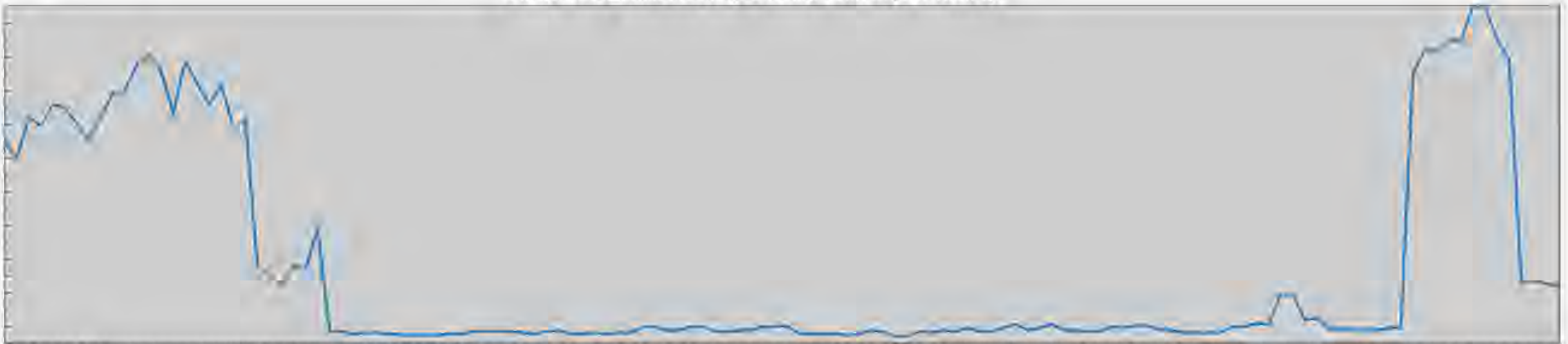


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258768.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
99-3T3-L1 GSM258610.CEL  
98-10T12 GSM258609.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481976.CEL  
81-PP-FDC GSM481976.CEL  
80-FLY RMLNDC003001.CEL  
79-FLY RMLNDC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-LPS-7h GSM258706.CEL  
60-PM-M-LPS-7h GSM258705.CEL  
59-PM-M-LPS-7d GSM258702.CEL  
58-PM-M-LPS-6h GSM258701.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258720.CEL  
33-MEP GSM258719.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF-1 GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116350.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318589.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Color-IEC-GF GSM349880.CEL  
16-Color-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350375.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0017\_Small and large intestine-related (157 nodes)

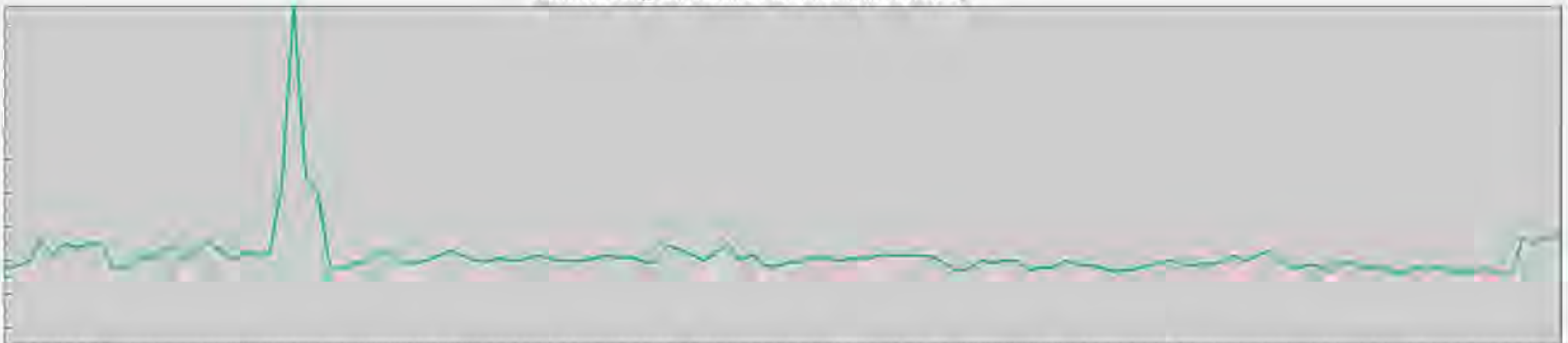
3,695.7  
3,501.2  
3,306.6  
3,112.1  
2,917.6  
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2,528.6  
2,334.1  
2,139.6  
1,945.1  
1,750.6  
1,556.1  
1,361.6  
1,167.1  
872.5  
778  
583.5  
389  
194.5  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258677.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258665.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-D-LY RMLNDCC003001.CEL  
79-E-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258743.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM268706.CEL  
60-PM-M-PS-7h GSM268706.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258702.CEL  
57-BMM-LPS-6h GSM268699.CEL  
56-BMM-LPS-6h GSM268699.CEL  
55-BMM-LPS-6h GSM268699.CEL  
54-BMM-LPS-6h GSM268699.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-CD8a-DC GSM258649.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP001001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0018\_Low in some Paneth cells (152 nodes)



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-v-M-cells	GSM190792	CEL
05	CT-v-M-cells	GSM190793	CEL
06	CT-v-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Paneth-cells	GSM116359	CEL
29	Bone marrow	GSM258627	CEL
30	HSC	GSM258770	CEL
31	HSC	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	GMP	GSM258642	CEL
36	GMP	GSM258643	CEL
37	GMP	GSM258644	CEL
38	GMP	GSM258645	CEL
39	Granulocytes	GSM258667	CEL
40	Mast-cells	GSM258712	CEL
41	Mast-cells	GSM258713	CEL
42	Mast-cells	GSM258714	CEL
43	Mast-cells	GSM258715	CEL
44	Mast-cells	GSM258716	CEL
45	Mast-cells	GSM258717	CEL
46	NK-cells	GSM258731	CEL
47	NK-cells	GSM258732	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a+DC	GSM258648	CEL
51	CD8a+DC	GSM258649	CEL
52	CD8a+DC	GSM258650	CEL
53	CD8a+DC	GSM258651	CEL
54	CD8a+DC	GSM258652	CEL
55	CD8a+DC	GSM258653	CEL
56	CD8a+DC	GSM258654	CEL
57	CD8a+DC	GSM258655	CEL
58	CD8a+DC	GSM258656	CEL
59	CD8a+DC	GSM258657	CEL
60	CD8a+DC	GSM258658	CEL
61	CD8a+DC	GSM258659	CEL
62	CD8a+DC	GSM258660	CEL
63	Microglia	GSM258721	CEL
64	Microglia	GSM258722	CEL
65	Osteoclasts	GSM258743	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258774	CEL
69	T-cells-CD8+	GSM258775	CEL
70	T-cells-CD8+	GSM258776	CEL
71	Tregs	GSM258777	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258619	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258621	CEL
76	MZ-Bcell	GSM258622	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258665	CEL
79	F-LY	RMLNDC002001	CEL
80	PP-FDC	GSM481976	CEL
81	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
83	PP-FDC	GSM481979	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	Tt cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM266741	CEL
90	Chondrocytes	GSM266742	CEL
91	Osteoblast-d5	GSM258741	CEL
92	Osteoblast-d5	GSM258742	CEL
93	Osteoblast-d14	GSM258737	CEL
94	Osteoblast-d14	GSM258738	CEL
95	Osteoblast-d21	GSM258739	CEL
96	Osteoblast-d21	GSM258740	CEL
97	OT12	GSM258631	CEL
98	OT12	GSM258632	CEL
99	3T3-L1	GSM258609	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258729	CEL
102	NH3T3	GSM258730	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258630	CEL
105	Bruce4	GSM258666	CEL
106	Bruce4	GSM258667	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258724	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258726	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258727	CEL
113	Spleen	GSM258767	CEL
114	Spleen	GSM258768	CEL
115	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258692	CEL
117	Lymph-nodes	GSM258693	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-small	GSM258678	CEL
120	Intestine-large	GSM258675	CEL
121	Intestine-large	GSM258676	CEL
122	Colon-d4	GSM198810	CEL
123	Colon-d4	GSM198811	CEL
124	Colon-d9	GSM198810	CEL
125	Colon-d9	GSM198811	CEL
126	Colon-d9	GSM198812	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL







Cluster0020\_Natural helper cell-related (151 nodes)

1,928.4  
1,826.9  
1,725.4  
1,623.9  
1,522.4  
1,420.9  
1,319.4  
1,218  
1,116.5  
1,015  
913.5  
812  
710.5  
609  
507.5  
406  
304.5  
203  
101.5  
0

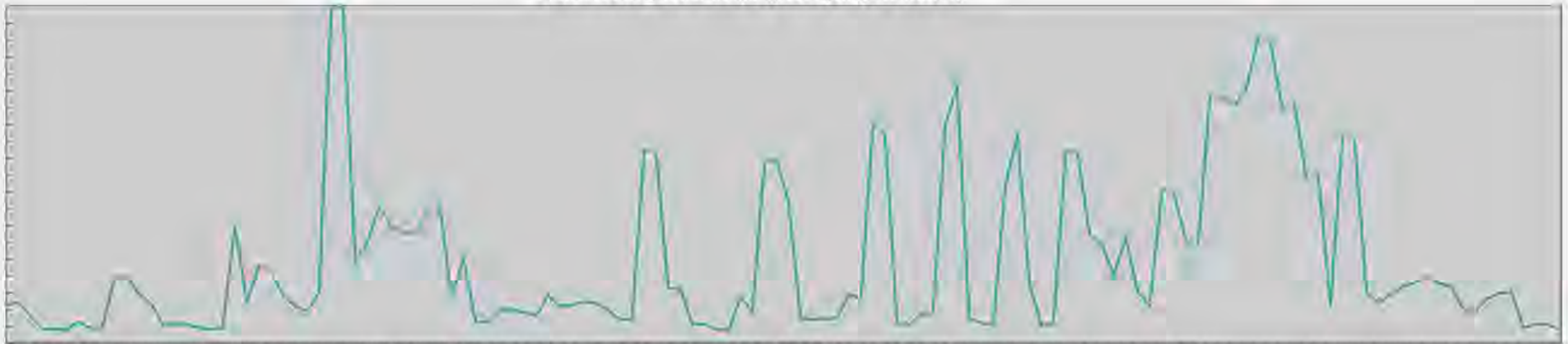


01-PP-M-cells	GSM190789	CELL
02-PP-M-cells	GSM190790	CELL
03-PP-M-cells	GSM190791	CELL
04-CT-Y-M-cells	GSM190792	CELL
05-CT-Y-M-cells	GSM190793	CELL
06-CT-W-M-cells	GSM190794	CELL
07-Ileum-IEC	GSM190795	CELL
08-Ileum-IEC	GSM190796	CELL
09-Ileum-IEC	GSM190797	CELL
10-FAE-RMP	GSM190798	CELL
11-FAE-RMP	GSM190799	CELL
12-Small-intestine-epithelium	RMINEP001001	CELL
13-Small-intestine-epithelium	RMINEP002001	CELL
14-Ileum-IEC	GSM350371	CELL
15-Ileum-IEC	GSM350375	CELL
16-Colon-VIII	GSM480362	cel
17-Colon-VIII	GSM480363	cel
18-Colon-VIII	GSM480364	cel
19-Colon-VIII	GSM480365	cel
20-Colon-Crypt	GSM480374	cel
21-Colon-Crypt	GSM480375	cel
22-Paneth-cells	GSM318590	CELL
23-Paneth-cells	GSM318589	CELL
24-Paneth-cells	GSM116359	CELL
25-Paneth-cells	GSM116350	CELL
26-Paneth-cells	GSM116357	CELL
27-Paneth-cells	GSM116358	CELL
28-Bone marrow	GSM258627	CELL
29-Bone marrow	GSM258628	CELL
30-NALT	GSM289411	CELL
31-NALT	GSM289410	CELL
32-NALT	GSM289409	CELL
33-NALT	GSM289408	CELL
34-Color-d9	GSM198810	CELL
35-Color-d9	GSM198811	CELL
36-Color-d9	GSM198812	CELL
37-Color-d4	GSM198813	CELL
38-Color-d4	GSM198814	CELL
39-Color-d4	GSM198815	CELL
40-Color-d4	GSM198816	CELL
41-Intestine-large	GSM258676	CELL
42-Intestine-large	GSM258675	CELL
43-Intestine-small	GSM258677	CELL
44-Intestine-small	GSM258678	CELL
45-Lymph-nodes	GSM258679	CELL
46-Spleen	GSM258680	CELL
47-Spleen	GSM258681	CELL
48-Neuro2a	GSM241898	CELL
49-Neuro2a	GSM241899	CELL
50-Astrocytes	GSM241900	CELL
51-mimb	GSM258726	CELL
52-mimb	GSM258727	CELL
53-MIMCD3	GSM258728	CELL
54-MIMCD3	GSM258729	CELL
55-MIMCD3	GSM258730	CELL
56-MIMCD3	GSM258731	CELL
57-Brice4	GSM258732	CELL
58-Brice4	GSM258733	CELL
59-Brice4	GSM258734	CELL
60-Brice4	GSM258735	CELL
61-NH3T3	GSM258736	CELL
62-NH3T3	GSM258737	CELL
63-NH3T3	GSM258738	CELL
64-NH3T3	GSM258739	CELL
65-3T3-L1	GSM258610	CELL
66-3T3-L1	GSM258609	CELL
67-10T12	GSM258632	CELL
68-10T12	GSM258631	CELL
69-Osteoblast-d21	GSM258740	CELL
70-Osteoblast-d21	GSM258739	CELL
71-Osteoblast-d14	GSM258738	CELL
72-Osteoblast-d14	GSM258737	CELL
73-Osteoblast-d5	GSM258742	CELL
74-Osteoblast-d5	GSM258741	CELL
75-Chondrocytes	GSM266741	CELL
76-Chondrocytes	GSM266740	CELL
77-Nat Helper cell	GSM465594	CELL
78-Nat Helper cell	GSM465593	CELL
79-LT cell	GSM465596	CELL
80-MS-1	GSM234692	CELL
81-Lymph-endo-cells	GSM143704	CELL
82-Lymph-endo-cells	GSM481977	CELL
83-Lymph-endo-cells	GSM481978	CELL
84-Lymph-endo-cells	GSM481979	CELL
85-Lymph-endo-cells	GSM481976	CELL
86-Lymph-endo-cells	GSM481977	CELL
87-Lymph-endo-cells	GSM481978	CELL
88-Lymph-endo-cells	GSM481979	CELL
89-Lymph-endo-cells	GSM481976	CELL
90-Lymph-endo-cells	GSM481977	CELL
91-Lymph-endo-cells	GSM481978	CELL
92-Lymph-endo-cells	GSM481979	CELL
93-Lymph-endo-cells	GSM481976	CELL
94-Lymph-endo-cells	GSM481977	CELL
95-Lymph-endo-cells	GSM481978	CELL
96-Lymph-endo-cells	GSM481979	CELL
97-Lymph-endo-cells	GSM481976	CELL
98-Lymph-endo-cells	GSM481977	CELL
99-Lymph-endo-cells	GSM481978	CELL
100-Lymph-endo-cells	GSM481979	CELL
101-Lymph-endo-cells	GSM481976	CELL
102-Lymph-endo-cells	GSM481977	CELL
103-Lymph-endo-cells	GSM481978	CELL
104-Lymph-endo-cells	GSM481979	CELL
105-Lymph-endo-cells	GSM481976	CELL
106-Lymph-endo-cells	GSM481977	CELL
107-Lymph-endo-cells	GSM481978	CELL
108-Lymph-endo-cells	GSM481979	CELL
109-Lymph-endo-cells	GSM481976	CELL
110-Lymph-endo-cells	GSM481977	CELL
111-Lymph-endo-cells	GSM481978	CELL
112-Lymph-endo-cells	GSM481979	CELL
113-Lymph-endo-cells	GSM481976	CELL
114-Lymph-endo-cells	GSM481977	CELL
115-Lymph-endo-cells	GSM481978	CELL
116-Lymph-endo-cells	GSM481979	CELL
117-Lymph-endo-cells	GSM481976	CELL
118-Lymph-endo-cells	GSM481977	CELL
119-Lymph-endo-cells	GSM481978	CELL
120-Lymph-endo-cells	GSM481979	CELL
121-Lymph-endo-cells	GSM481976	CELL
122-Lymph-endo-cells	GSM481977	CELL
123-Lymph-endo-cells	GSM481978	CELL
124-Lymph-endo-cells	GSM481979	CELL
125-Lymph-endo-cells	GSM481976	CELL
126-Lymph-endo-cells	GSM481977	CELL
127-Lymph-endo-cells	GSM481978	CELL
128-Lymph-endo-cells	GSM481979	CELL
129-Lymph-endo-cells	GSM481976	CELL
130-Lymph-endo-cells	GSM481977	CELL
131-Lymph-endo-cells	GSM481978	CELL
132-Lymph-endo-cells	GSM481979	CELL
133-Lymph-endo-cells	GSM481976	CELL
134-Lymph-endo-cells	GSM481977	CELL
135-Lymph-endo-cells	GSM481978	CELL
136-Lymph-endo-cells	GSM481979	CELL
137-Lymph-endo-cells	GSM481976	CELL
138-Lymph-endo-cells	GSM481977	CELL
139-Lymph-endo-cells	GSM481978	CELL
140-Lymph-endo-cells	GSM481979	CELL
141-Lymph-endo-cells	GSM481976	CELL
142-Lymph-endo-cells	GSM481977	CELL
143-Lymph-endo-cells	GSM481978	CELL
144-Lymph-endo-cells	GSM481979	CELL
145-Lymph-endo-cells	GSM481976	CELL
146-Lymph-endo-cells	GSM481977	CELL
147-Lymph-endo-cells	GSM481978	CELL
148-Lymph-endo-cells	GSM481979	CELL
149-Lymph-endo-cells	GSM481976	CELL
150-Lymph-endo-cells	GSM481977	CELL
151-Lymph-endo-cells	GSM481978	CELL



Cluster0021\_House keeping-cell cycle (146 nodes)

1,173.5  
1,111.8  
1,050  
988.2  
926.5  
864.7  
802.9  
741.2  
679.4  
617.6  
555.9  
494.1  
432.4  
370.6  
308.8  
247.1  
185.3  
123.5  
61.8  
0

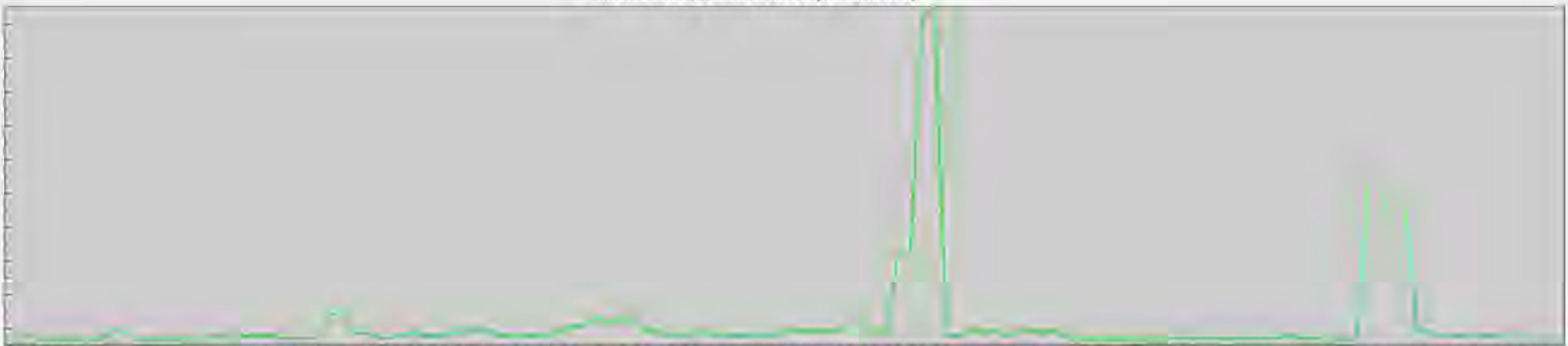


01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-v-M-cells\_GSM190792.CEL  
05-CT-v-M-cells\_GSM190793.CEL  
06-CT-v-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYE\_P001001.CEL  
11-FAE-RMPYE\_P002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Colon-IEC-Gf\_GSM350375.CEL  
16-Colon-Vill-GSM480362.CEL  
17-Colon-Vill-GSM480363.CEL  
18-Colon-Vill-GSM480364.CEL  
19-Colon-Crypt\_GSM480374.CEL  
20-Colon-Crypt\_GSM480375.CEL  
21-Paneth-cells\_GSM480375.CEL  
22-Paneth-cells\_GSM318589.CEL  
23-Paneth-cells\_GSM318590.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116359.CEL  
26-Paneth-cells-Gf-1-GSM116357.CEL  
27-Paneth-cells-Gf-1-GSM116357.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258770.CEL  
32-MEP-GSM258770.CEL  
33-MEP-GSM258770.CEL  
34-MEP-GSM258770.CEL  
35-MEP-GSM258770.CEL  
36-MEP-GSM258770.CEL  
37-MEP-GSM258770.CEL  
38-Granulocytes\_GSM258667.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Mast-cells\_GSM258711.CEL  
41-Mast-cells\_GSM258711.CEL  
42-Mast-cells-Gf-GSM258713.CEL  
43-Mast-cells-Gf-GSM258713.CEL  
44-Mast-cells-Gf+Ad-GSM258718.CEL  
45-Mast-cells-Gf+Ad-GSM258718.CEL  
46-NK-cells\_GSM258731.CEL  
47-NK-cells\_GSM258731.CEL  
48-CD8a+DC\_GSM258645.CEL  
49-CD8a+DC\_GSM258645.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
52-Plasmacytoid-DC\_GSM258649.CEL  
53-Plasmacytoid-DC\_GSM258649.CEL  
54-BMM-GSM258694.CEL  
55-BMM-GSM258694.CEL  
56-BMM-LPS-Gf-GSM258699.CEL  
57-BMM-LPS-Gf-GSM258699.CEL  
58-PMM-LPS-Gf-GSM258702.CEL  
59-PMM-LPS-Gf-GSM258702.CEL  
60-PMM-LPS-Gf-GSM258705.CEL  
61-PMM-LPS-Gf-GSM258705.CEL  
62-Microglia\_GSM258721.CEL  
63-Microglia\_GSM258721.CEL  
64-Osteoclasts\_GSM258743.CEL  
65-Osteoclasts\_GSM258743.CEL  
66-Thymocyte-DN\_GSM465595.CEL  
67-T-cells-CD4+GSM258773.CEL  
68-T-cells-CD4+GSM258773.CEL  
69-T-cells-CD8+GSM258776.CEL  
70-T-cells-CD8+GSM258776.CEL  
71-Tregs\_GSM258778.CEL  
72-Tregs\_GSM258778.CEL  
73-BAF3\_GSM258619.CEL  
74-BAF3\_GSM258620.CEL  
75-MZ-Bcell\_GSM258622.CEL  
76-MZ-Bcell\_GSM258622.CEL  
77-Follicular-Bcells\_GSM258664.CEL  
78-Follicular-Bcells\_GSM258664.CEL  
79-FLY-RMLNDC002001.CEL  
80-FLY-RMLNDC003001.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481976.CEL  
83-PP-FDC\_GSM481977.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LTcell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465594.CEL  
89-Chondrocytes\_GSM266741.CEL  
90-Chondrocytes\_GSM266741.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258742.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d14\_GSM258738.CEL  
95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258739.CEL  
97-10T12\_GSM258631.CEL  
98-10T12\_GSM258631.CEL  
99-3T3-L1\_GSM258609.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258729.CEL  
102-NH3T3\_GSM258730.CEL  
103-C2C12\_GSM258629.CEL  
104-C2C12\_GSM258630.CEL  
105-Bruce4\_GSM258656.CEL  
106-Bruce4\_GSM258656.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258767.CEL  
115-Spleen\_GSM258768.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258692.CEL  
119-Intestine-small\_GSM258692.CEL  
120-Intestine-large\_GSM258675.CEL  
121-Intestine-large\_GSM258676.CEL  
122-Colon-d4\_GSM198101.CEL  
123-Colon-d4\_GSM198101.CEL  
124-Colon-d9\_GSM198103.CEL  
125-Colon-d9\_GSM198103.CEL  
126-Colon-d9\_GSM198104.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289409.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL  
131-NALT\_GSM289411.CEL  
132-NALT\_GSM289410.CEL  
133-NALT\_GSM289408.CEL  
134-Colon-d9\_GSM198104.CEL  
135-Colon-d9\_GSM198103.CEL  
136-Colon-d4\_GSM198101.CEL  
137-Colon-d4\_GSM198101.CEL  
138-Intestine-large\_GSM258675.CEL  
139-Intestine-large\_GSM258675.CEL  
140-Intestine-small\_GSM258692.CEL  
141-Intestine-small\_GSM258692.CEL  
142-Lymph-nodes\_GSM258691.CEL  
143-Lymph-nodes\_GSM258691.CEL  
144-Spleen\_GSM258767.CEL  
145-Spleen\_GSM258767.CEL  
146-Spleen\_GSM258768.CEL



Cluster0022\_B cell-related (145 nodes)

3,037.6  
2,877.7  
2,717.9  
2,558  
2,398.1  
2,238.2  
2,078.4  
1,918.5  
1,758.6  
1,598.7  
1,438.9  
1,279  
1,119.1  
959.2  
799.4  
639.5  
479.6  
319.7  
159.9  
0

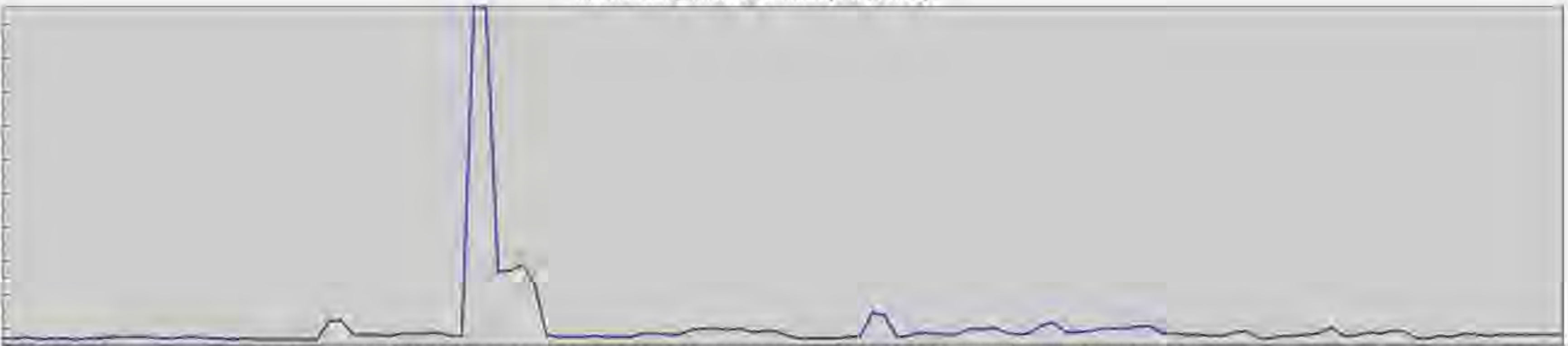


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-CD9 GSM1988105 CELL  
125-CD9 GSM1988104 CELL  
124-CD9 GSM1988103 CELL  
123-CD9 GSM1988102 CELL  
122-CD9 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Spleen GSM258671 CELL  
115-Spleen GSM258670 CELL  
114-Neuro2a GSM258669 CELL  
113-Neuro2a GSM258668 CELL  
112-Astrocytes GSM241898 CELL  
111-Astrocytes GSM241897 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258665 CELL  
105-Bruce4 GSM258664 CELL  
104-C2C12 GSM258663 CELL  
103-C2C12 GSM258662 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-L Y RMLNDCC003001 CELL  
79-L Y RMLNDCC003001 CELL  
78-Follicular-B-cells GSM258664 CELL  
77-Follicular-B-cells GSM258663 CELL  
76-MZ-Bcell GSM258622 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258772 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258744 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258705 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258701 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Iasmacryoid-DC GSM258650 CELL  
52-Iasmacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258645 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258718 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258664 CELL  
35-GMP GSM258642 CELL  
34-MPEP GSM258641 CELL  
33-MPEP GSM258640 CELL  
32-MPEP GSM258770 CELL  
31-HESC GSM258770 CELL  
30-Bone marrow GSM258628 CELL  
29-Bone marrow GSM258627 CELL  
28-Paneth-cells-GF GSM116358 CELL  
27-Paneth-cells-GF GSM116357 CELL  
26-Paneth-cells-GF GSM116350 CELL  
25-Paneth-cells GSM116350 CELL  
24-Paneth-cells GSM116359 CELL  
23-Paneth-cells GSM318589 CELL  
22-Paneth-cells GSM318590 CELL  
21-Colon-Crypt GSM480375 CELL  
20-Colon-Crypt GSM480374 CELL  
19-Colon-Vill GSM480363 CELL  
18-Colon-Vill GSM480362 CELL  
17-Colon-IEC-GF GSM349880 CELL  
16-Colon-IEC-GF GSM350375 CELL  
15-Ileum-IEC-GF GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002001 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-CT-v-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0023\_Mast cell-related (142 nodes)

2,960.5  
2,804.7  
2,648.9  
2,493  
2,337.2  
2,181.4  
2,025.6  
1,869.8  
1,714  
1,558.2  
1,402.3  
1,246.5  
1,090.7  
934.9  
779.1  
623.3  
467.4  
311.8  
155.8  
0



30-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258670 CELL  
 114-Spleen GSM258669 CELL  
 113-Neuro2a GSM241898 CELL  
 112-Neuro2a GSM241897 CELL  
 111-Astrocytes GSM241896 CELL  
 110-mimb GSM2586725 CELL  
 109-mimb GSM2586724 CELL  
 108-MIMCD3 GSM2586723 CELL  
 107-MIMCD3 GSM2586722 CELL  
 106-Bruce4 GSM2586721 CELL  
 105-Bruce4 GSM2586720 CELL  
 104-C2C12 GSM2586719 CELL  
 103-C2C12 GSM2586718 CELL  
 102-NH3T3 GSM2586717 CELL  
 101-NH3T3 GSM2586716 CELL  
 100-3T3-L1 GSM2586715 CELL  
 99-3T3-L1 GSM2586714 CELL  
 98-10T12 GSM2586713 CELL  
 97-10T12 GSM2586712 CELL  
 96-Osteoblast-d21 GSM2586711 CELL  
 95-Osteoblast-d21 GSM2586710 CELL  
 94-Osteoblast-d14 GSM2586709 CELL  
 93-Osteoblast-d14 GSM2586708 CELL  
 92-Osteoblast-d5 GSM2586707 CELL  
 91-Osteoblast-d5 GSM2586706 CELL  
 90-Chondrocytes GSM2586705 CELL  
 89-Chondrocytes GSM2586704 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-T cell GSM465592 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481976 CELL  
 81-P-FDC GSM481975 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258662 CELL  
 75-MZ-Bcell GSM258661 CELL  
 74-BAF3 GSM258660 CELL  
 73-BAF3 GSM258659 CELL  
 72-Tregs GSM258658 CELL  
 71-Tregs GSM258657 CELL  
 70-T-cells-CD8+ GSM258656 CELL  
 69-T-cells-CD8+ GSM258655 CELL  
 68-T-cells-CD4+ GSM258654 CELL  
 67-T-cells-CD4+ GSM258653 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258652 CELL  
 64-Osteoclasts GSM258651 CELL  
 63-Microglia GSM258650 CELL  
 62-Microglia GSM258649 CELL  
 61-MM-PS-7h GSM258648 CELL  
 60-MM-PS-7h GSM258647 CELL  
 59-MM-PS-6h GSM258646 CELL  
 58-MM-PS-6h GSM258645 CELL  
 57-MM-LPS-6h GSM258644 CELL  
 56-MM-LPS-6h GSM258643 CELL  
 55-MM-LPS-6h GSM258642 CELL  
 54-MM-LPS-6h GSM258641 CELL  
 53-MM-LPS-6h GSM258640 CELL  
 52-MM-LPS-6h GSM258639 CELL  
 51-Plasmacytoid-DC GSM258638 CELL  
 50-CD8a-DC GSM258637 CELL  
 49-CD8a-DC GSM258636 CELL  
 48-CD8a+DC GSM258635 CELL  
 47-NK-cells GSM258634 CELL  
 46-NK-cells GSM258633 CELL  
 45-Mast-cells-IgE+Ad GSM258632 CELL  
 44-Mast-cells-IgE+Ad GSM258631 CELL  
 43-Mast-cells-IgE GSM258630 CELL  
 42-Mast-cells-IgE GSM258629 CELL  
 41-Mast-cells-IgE GSM258628 CELL  
 40-Granulocytes GSM258627 CELL  
 39-Granulocytes GSM258626 CELL  
 38-MMP GSM258625 CELL  
 37-MMP GSM258624 CELL  
 36-MMP GSM258623 CELL  
 35-MMP GSM258622 CELL  
 34-MMP GSM258621 CELL  
 33-MMP GSM258620 CELL  
 32-MMP GSM258619 CELL  
 31-MMP GSM258618 CELL  
 30-Bone marrow GSM258617 CELL  
 29-Bone marrow GSM258616 CELL  
 28-Paneth-cells-GF-1 GSM116357 CELL  
 27-Paneth-cells-GF-1 GSM116356 CELL  
 26-Paneth-cells-GF-1 GSM116355 CELL  
 25-Paneth-cells-GF-1 GSM116354 CELL  
 24-Paneth-cells-GF-1 GSM116353 CELL  
 23-Paneth-cells-GF-1 GSM116352 CELL  
 22-Paneth-cells-GF-1 GSM116351 CELL  
 21-Color-Crypt GSM480375 CELL  
 20-Color-Crypt GSM480374 CELL  
 19-Color-Vill GSM480363 CELL  
 18-Color-Vill GSM480362 CELL  
 17-Color-IEC-GF GSM349880 CELL  
 16-Color-IEC-GF GSM350375 CELL  
 15-Ileum-IEC-GF GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002901 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-w-M-cells GSM190794 CELL  
 5-CT-w-M-cells GSM190793 CELL  
 4-CT-y-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0024\_Phagocyte-related (116 nodes)

4,145.4  
3,927.2  
3,709  
3,490.8  
3,272.7  
3,054.5  
2,836.3  
2,618.1  
2,399.9  
2,181.8  
1,963.6  
1,745.4  
1,527.2  
1,309.1  
1,090.9  
872.7  
654.5  
436.4  
218.2  
0



01- PP-M-cells GSM190789.CEL  
 02- PP-M-cells GSM190790.CEL  
 03- PP-M-cells GSM190791.CEL  
 04- CT-v-M-cells GSM190792.CEL  
 05- CT-v-M-cells GSM190793.CEL  
 06- CT-v-M-cells GSM190794.CEL  
 07- Ileum-IEC GSM190795.CEL  
 08- Ileum-IEC GSM190796.CEL  
 09- Ileum-IEC GSM190797.CEL  
 10- FAE-RMPyE001001.CEL  
 11- FAE-RMPyE002001.CEL  
 12- Small-intestine-epithelium\_RMINEP001001.CEL  
 13- Small-intestine-epithelium\_RMINEP002001.CEL  
 14- Ileum-IEC GSM350371.CEL  
 15- Ileum-IEC GSM350375.CEL  
 16- Colon-IEC-Gf GSM349880.CEL  
 17- Colon-IEC-Gf GSM350375.CEL  
 18- Colon-Vill GSM480362.CEL  
 19- Colon-Vill GSM480363.CEL  
 20- Colon-Crypt GSM480374.CEL  
 21- Colon-Crypt GSM480375.CEL  
 22- Paneth-cells GSM318589.CEL  
 23- Paneth-cells GSM318590.CEL  
 24- Paneth-cells GSM116359.CEL  
 25- Paneth-cells GSM116359.CEL  
 26- Paneth-cells-Gf GSM116357.CEL  
 27- Paneth-cells-Gf GSM116358.CEL  
 28- Bone marrow GSM258627.CEL  
 29- Bone marrow GSM258627.CEL  
 30- HSC GSM258770.CEL  
 31- HSC GSM258770.CEL  
 32- MIEP GSM258770.CEL  
 33- MIEP GSM258770.CEL  
 34- MIEP GSM258770.CEL  
 35- CMP GSM258642.CEL  
 36- CMP GSM258642.CEL  
 37- GMP GSM258665.CEL  
 38- GMP GSM258665.CEL  
 39- Granulocytes GSM258667.CEL  
 40- Mast-cells GSM258712.CEL  
 41- Mast-cells GSM258712.CEL  
 42- Mast-cells-Gf GSM258713.CEL  
 43- Mast-cells-Gf GSM258713.CEL  
 44- Mast-cells-Gf+Ad GSM258718.CEL  
 45- Mast-cells-Gf+Ad GSM258718.CEL  
 46- NK-cells GSM258731.CEL  
 47- NK-cells GSM258731.CEL  
 48- CD8a+DC GSM258646.CEL  
 49- CD8a+DC GSM258646.CEL  
 50- CD8a-DC GSM258647.CEL  
 51- CD8a-DC GSM258647.CEL  
 52- Plasmacytoid-DC GSM258650.CEL  
 53- Plasmacytoid-DC GSM258650.CEL  
 54- BMM-GSM258694.CEL  
 55- BMM-GSM258694.CEL  
 56- BMM-LPS-Gn GSM258700.CEL  
 57- BMM-LPS-Gn GSM258700.CEL  
 58- P-MM-LPS-7h GSM268706.CEL  
 59- P-MM-LPS-7h GSM268706.CEL  
 60- P-MM-LPS-7h GSM268706.CEL  
 61- P-MM-LPS-7h GSM268706.CEL  
 62- Microglia GSM258721.CEL  
 63- Microglia GSM258721.CEL  
 64- Osteoclasts GSM258743.CEL  
 65- Osteoclasts GSM258743.CEL  
 66- Thymocyte-DN GSM465595.CEL  
 67- T-cells-CD4+ GSM258773.CEL  
 68- T-cells-CD4+ GSM258773.CEL  
 69- T-cells-CD8+ GSM258776.CEL  
 70- T-cells-CD8+ GSM258776.CEL  
 71- Tregs GSM258778.CEL  
 72- Tregs GSM258778.CEL  
 73- BAF3 GSM258619.CEL  
 74- BAF3 GSM258620.CEL  
 75- MZ-Bcell GSM258621.CEL  
 76- MZ-Bcell GSM258621.CEL  
 77- Follicular-Bcells GSM258664.CEL  
 78- Follicular-Bcells GSM258664.CEL  
 79- E-L-Y-RMLNDC002001.CEL  
 80- E-L-Y-RMLNDC003001.CEL  
 81- PP-FDC GSM481976.CEL  
 82- PP-FDC GSM481976.CEL  
 83- PP-FDC GSM481977.CEL  
 84- Lymph-endo-cells GSM143704.CEL  
 85- MS-1 GSM234692.CEL  
 86- Tt cell GSM465596.CEL  
 87- Nat Helper cell GSM465593.CEL  
 88- Nat Helper cell GSM465594.CEL  
 89- Chondrocytes GSM266741.CEL  
 90- Chondrocytes GSM266741.CEL  
 91- Osteoblast-d5 GSM258741.CEL  
 92- Osteoblast-d5 GSM258742.CEL  
 93- Osteoblast-d14 GSM258737.CEL  
 94- Osteoblast-d14 GSM258738.CEL  
 95- Osteoblast-d21 GSM258739.CEL  
 96- Osteoblast-d21 GSM258739.CEL  
 97- OT12 GSM258631.CEL  
 98- OT12 GSM258631.CEL  
 99- 3T3-L1 GSM258609.CEL  
 100- 3T3-L1 GSM258610.CEL  
 101- NH3T3 GSM258739.CEL  
 102- NH3T3 GSM258739.CEL  
 103- C2C12 GSM258629.CEL  
 104- C2C12 GSM258630.CEL  
 105- Bruce4 GSM258656.CEL  
 106- Bruce4 GSM258656.CEL  
 107- MIMCD3 GSM258723.CEL  
 108- MIMCD3 GSM258723.CEL  
 109- mimb GSM258725.CEL  
 110- mimb GSM258725.CEL  
 111- Astrocytes GSM241898.CEL  
 112- Astrocytes GSM241898.CEL  
 113- Spleen GSM258767.CEL  
 114- Spleen GSM258767.CEL  
 115- Spleen GSM258768.CEL  
 116- Lymph-nodes GSM258691.CEL  
 117- Lymph-nodes GSM258691.CEL  
 118- Intestine-small GSM258679.CEL  
 119- Intestine-small GSM258679.CEL  
 120- Intestine-large GSM258675.CEL  
 121- Intestine-large GSM258675.CEL  
 122- Colon-d4 GSM198101.CEL  
 123- Colon-d4 GSM198101.CEL  
 124- Colon-d9 GSM198103.CEL  
 125- Colon-d9 GSM198103.CEL  
 126- NALT GSM289408.CEL  
 127- NALT GSM289408.CEL  
 128- NALT GSM289410.CEL  
 129- NALT GSM289411.CEL  
 130- NALT GSM289411.CEL



Cluster0025\_Low in some Paneth cells (110 nodes)



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-v-M-cells	GSM190792	CEL
05	CT-v-M-cells	GSM190793	CEL
06	CT-v-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-IEC	GSM349880	CEL
17	Colon-IEC	GSM349880	CEL
18	Colon-Vill	GSM480362	cel
19	Colon-Vill	GSM480363	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116357	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258627	CEL
30	HS-C	GSM258770	CEL
31	HS-C	GSM258770	CEL
32	MIEP	GSM258770	CEL
33	MIEP	GSM258770	CEL
34	CMP	GSM258642	CEL
35	CMP	GSM258642	CEL
36	GMP	GSM258665	CEL
37	GMP	GSM258665	CEL
38	GMP	GSM258665	CEL
39	Granulocytes	GSM258667	CEL
40	Mast-cells	GSM258712	CEL
41	Mast-cells	GSM258712	CEL
42	Mast-cells	GSM258713	CEL
43	Mast-cells	GSM258713	CEL
44	Mast-cells	GSM258714	CEL
45	Mast-cells	GSM258714	CEL
46	NK-cells	GSM258731	CEL
47	NK-cells	GSM258731	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258646	CEL
50	CD8a-DC	GSM258647	CEL
51	CD8a-DC	GSM258647	CEL
52	CD8a-DC	GSM258647	CEL
53	Plasmacytoid-DC	GSM258650	CEL
54	Plasmacytoid-DC	GSM258650	CEL
55	BM-LPS-6h	GSM258694	CEL
56	BM-LPS-6h	GSM258694	CEL
57	BM-LPS-6h	GSM258700	CEL
58	BM-LPS-7h	GSM258702	CEL
59	BM-LPS-7h	GSM258702	CEL
60	BM-LPS-7h	GSM258706	CEL
61	BM-LPS-7h	GSM258706	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
64	Osteoclasts	GSM258743	CEL
65	Osteoclasts	GSM258743	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258773	CEL
69	T-cells-CD8+	GSM258774	CEL
70	T-cells-CD8+	GSM258774	CEL
71	Tregs	GSM258778	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258619	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258621	CEL
76	MZ-Bcell	GSM258621	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258664	CEL
79	F-LY-RMLNDC002001	CEL	
80	F-LY-RMLNDC003001	CEL	
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481978	CEL
83	PP-FDC	GSM481978	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	Tt cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM258741	CEL
90	Osteoblast-d5	GSM258741	CEL
91	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d14	GSM258737	CEL
93	Osteoblast-d14	GSM258737	CEL
94	Osteoblast-d21	GSM258738	CEL
95	Osteoblast-d21	GSM258738	CEL
96	Osteoblast-d21	GSM258631	CEL
97	OT12	GSM258632	CEL
98	OT12	GSM258632	CEL
99	3T3-L1	GSM258609	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258630	CEL
105	Bruce4	GSM258656	CEL
106	Bruce4	GSM258656	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258723	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258725	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258728	CEL
113	Spleen	GSM258767	CEL
114	Spleen	GSM258767	CEL
115	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258691	CEL
117	Lymph-nodes	GSM258676	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-small	GSM258677	CEL
120	Intestine-large	GSM258678	CEL
121	Intestine-large	GSM258678	CEL
122	Intestine-large	GSM258679	CEL
123	Colon-d4	GSM198810	CEL
124	Colon-d4	GSM198810	CEL
125	Colon-d9	GSM198810	CEL
126	Colon-d9	GSM198810	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL



Cluster0026\_High in Min 6 & Neuro2A cells (98 nodes)

635.1  
801.7  
568.2  
534.8  
501.4  
468  
434.5  
401.1  
367.7  
334.3  
300.8  
267.4  
234  
200.6  
167.1  
133.7  
100.3  
66.9  
33.4  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Colon-IEC	GSM350375	CEL
16	Colon-Vill	GSM480362	cel
17	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116361	CEL
27	Paneth-cells	GSM116362	CEL
28	Paneth-cells	GSM116363	CEL
29	Bone marrow	GSM258677	CEL
30	HI-SC	GSM258770	CEL
31	HI-SC	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	MEP	GSM258775	CEL
36	MEP	GSM258776	CEL
37	MEP	GSM258777	CEL
38	MEP	GSM258778	CEL
39	Granulocytes	GSM258779	CEL
40	Mast-cells	GSM258780	CEL
41	Mast-cells	GSM258781	CEL
42	Mast-cells	GSM258782	CEL
43	Mast-cells	GSM258783	CEL
44	Mast-cells	GSM258784	CEL
45	Mast-cells	GSM258785	CEL
46	NK-cells	GSM258786	CEL
47	NK-cells	GSM258787	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a+DC	GSM258648	CEL
51	CD8a+DC	GSM258649	CEL
52	CD8a+DC	GSM258650	CEL
53	CD8a+DC	GSM258651	CEL
54	CD8a+DC	GSM258652	CEL
55	CD8a+DC	GSM258653	CEL
56	CD8a+DC	GSM258654	CEL
57	CD8a+DC	GSM258655	CEL
58	CD8a+DC	GSM258656	CEL
59	CD8a+DC	GSM258657	CEL
60	CD8a+DC	GSM258658	CEL
61	CD8a+DC	GSM258659	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258722	CEL
64	Microglia	GSM258723	CEL
65	Osteoclasts	GSM258743	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258774	CEL
69	T-cells-CD8+	GSM258775	CEL
70	T-cells-CD8+	GSM258776	CEL
71	Tregs	GSM258777	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258619	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258621	CEL
76	MZ-Bcell	GSM258622	CEL
77	Follicular-B-cells	GSM258664	CEL
78	Follicular-B-cells	GSM258665	CEL
79	F-LY-RMLND	C002001	CEL
80	F-LY-RMLND	C003001	CEL
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481977	CEL
83	PP-FDC	GSM481978	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	TI cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM266741	CEL
90	Osteoblast-d5	GSM258741	CEL
91	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d14	GSM258737	CEL
93	Osteoblast-d14	GSM258738	CEL
94	Osteoblast-d21	GSM258739	CEL
95	Osteoblast-d21	GSM258740	CEL
96	Osteoblast-d21	GSM258741	CEL
97	OT12	GSM258631	CEL
98	OT12	GSM258632	CEL
99	OT12	GSM258633	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258730	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258630	CEL
105	Bruce4	GSM258656	CEL
106	Bruce4	GSM258657	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258724	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258726	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258727	CEL
113	Spleen	GSM258767	CEL
114	Spleen	GSM258768	CEL
115	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258692	CEL
117	Lymph-nodes	GSM258693	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-large	GSM258678	CEL
120	Intestine-large	GSM258679	CEL
121	Intestine-large	GSM258676	CEL
122	Intestine-large	GSM258675	CEL
123	Colon-d4	GSM198810	CEL
124	Colon-d4	GSM198811	CEL
125	Colon-d9	GSM198812	CEL
126	Colon-d9	GSM198813	CEL
127	Colon-d9	GSM198814	CEL
128	NALT	GSM289408	CEL
129	NALT	GSM289409	CEL
130	NALT	GSM289410	CEL
131	NALT	GSM289411	CEL



Cluster0027\_Mast cell-related (B6 nodes)

1,630.7  
1,544.9  
1,459  
1,373.2  
1,287.4  
1,201.6  
1,115.7  
1,029.9  
944.1  
858.3  
772.4  
686.6  
600.8  
515  
429.1  
343.3  
257.5  
171.7  
85.8  
0

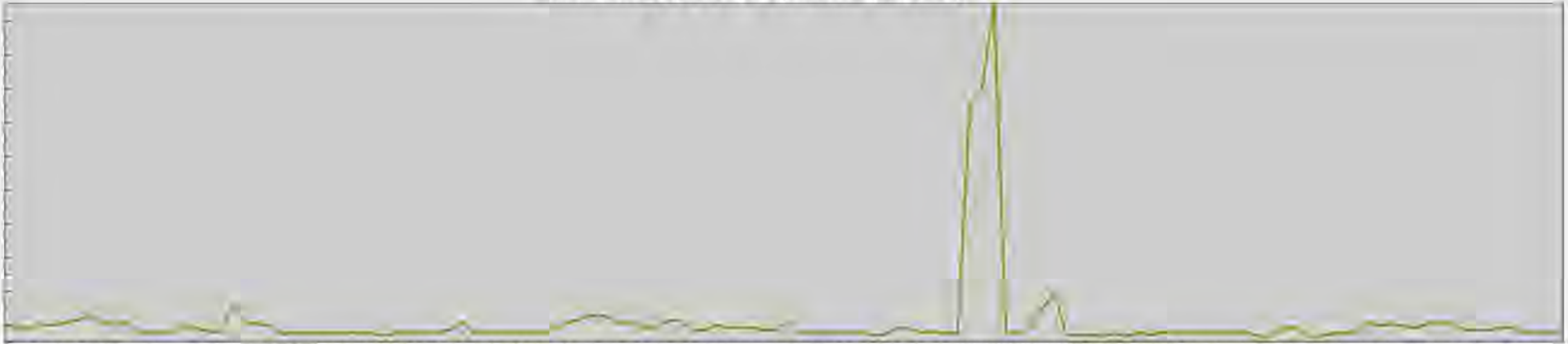


30-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988104 CELL  
124-Color-d9 GSM1988103 CELL  
123-Color-d4 GSM1988102 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Spleen GSM258671 CELL  
115-Spleen GSM258670 CELL  
114-Neuro2a GSM258669 CELL  
113-Neuro2a GSM258668 CELL  
112-Astrocytes GSM241898 CELL  
111-mimb GSM258667 CELL  
110-mimb GSM258666 CELL  
109-mimb GSM258665 CELL  
108-MIMCD3 GSM258664 CELL  
107-MIMCD3 GSM258663 CELL  
106-Bruce4 GSM258662 CELL  
105-Bruce4 GSM258661 CELL  
104-C2C12 GSM258660 CELL  
103-C2C12 GSM258659 CELL  
102-NH3T3 GSM258658 CELL  
101-NH3T3 GSM258657 CELL  
100-3T3-L1 GSM258656 CELL  
99-3T3-L1 GSM258655 CELL  
98-10T12 GSM258654 CELL  
97-10T12 GSM258653 CELL  
96-Osteoblast-d21 GSM258652 CELL  
95-Osteoblast-d21 GSM258651 CELL  
94-Osteoblast-d14 GSM258650 CELL  
93-Osteoblast-d14 GSM258649 CELL  
92-Osteoblast-d5 GSM258648 CELL  
91-Osteoblast-d5 GSM258647 CELL  
90-Chondrocytes GSM258646 CELL  
89-Chondrocytes GSM258645 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-T cell GSM465592 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endc-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481976 CELL  
81-P-FDC GSM481975 CELL  
80-L-Y-RMLNDCC003001 CELL  
79-L-Y-RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258662 CELL  
75-MZ-Bcell GSM258661 CELL  
74-BAF3 GSM258660 CELL  
73-BAF3 GSM258659 CELL  
72-Tregs GSM258658 CELL  
71-Tregs GSM258657 CELL  
70-T-cells-CD8+ GSM258656 CELL  
69-T-cells-CD8+ GSM258655 CELL  
68-T-cells-CD4+ GSM258654 CELL  
67-T-cells-CD4+ GSM258653 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258652 CELL  
64-Osteoclasts GSM258651 CELL  
63-Microglia GSM258650 CELL  
62-Microglia GSM258649 CELL  
61-MM-PS-7h GSM258648 CELL  
60-MM-PS-7h GSM258647 CELL  
59-MM-PS-6h GSM258646 CELL  
58-MM-PS-6h GSM258645 CELL  
57-MM-LPS-6h GSM258644 CELL  
56-MM-LPS-6h GSM258643 CELL  
55-MM-LPS-6h GSM258642 CELL  
54-MM-LPS-6h GSM258641 CELL  
53-Plasmacytoid-DC GSM258640 CELL  
52-Plasmacytoid-DC GSM258639 CELL  
51-CD8a-DC GSM258638 CELL  
50-CD8a-DC GSM258637 CELL  
49-CD8a+DC GSM258636 CELL  
48-CD8a+DC GSM258635 CELL  
47-NK-cells GSM258634 CELL  
46-NK-cells GSM258633 CELL  
45-Mast-cells-IdE+Ad GSM258632 CELL  
44-Mast-cells-IdE+Ad GSM258631 CELL  
43-Mast-cells-IdE GSM258630 CELL  
42-Mast-cells-IdE GSM258629 CELL  
41-Mast-cells GSM258628 CELL  
40-Granulocytes GSM258627 CELL  
39-Granulocytes GSM258626 CELL  
38-MP GSM258625 CELL  
37-MP GSM258624 CELL  
36-MP GSM258623 CELL  
35-MP GSM258622 CELL  
34-MEP GSM258621 CELL  
33-MEP GSM258620 CELL  
32-HESC GSM258619 CELL  
31-HESC GSM258618 CELL  
30-Bone marrow GSM258617 CELL  
29-Bone marrow GSM258616 CELL  
28-paneth-cells-GE GSM116358 CELL  
27-paneth-cells-GE GSM116357 CELL  
26-paneth-cells-GE GSM116356 CELL  
25-paneth-cells GSM116355 CELL  
24-paneth-cells GSM116354 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM318591 CELL  
20-Colon-Crypt GSM480375 CELL  
19-Colon-Crypt GSM480374 CELL  
18-Colon-Vill GSM480363 CELL  
17-Colon-Vill GSM480362 CELL  
16-Colon-IEC-GE GSM349880 CELL  
15-Colon-IEC-GE GSM350375 CELL  
14-Ileum-IEC GSM350376 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-w-cells GSM190794 CELL  
05-CT-w-cells GSM190793 CELL  
04-CT-y-w-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0028\_High in Peyer's patch FDC (85 nodes)

2,295.6  
2,174.7  
2,063.9  
1,933.1  
1,812.3  
1,691.5  
1,570.6  
1,449.8  
1,329  
1,208.2  
1,087.4  
966.6  
845.7  
724.9  
604.1  
483.3  
362.5  
241.6  
120.8  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-v-M-cells	GSM190792	CEL
05	CT-v-M-cells	GSM190793	CEL
06	CT-v-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small intestine-epithelium	RMINEP001001	CEL
13	Small intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Colon-IEC	GSM350375	CEL
16	Colon-Vill	GSM480362	cel
17	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	HS	GSM258770	CEL
31	HS	GSM258771	CEL
32	HS	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	MEP	GSM258775	CEL
36	GMP	GSM258665	CEL
37	GMP	GSM258666	CEL
38	GMP	GSM258667	CEL
39	Granulocytes	GSM258668	CEL
40	Granulocytes	GSM258771	CEL
41	Mast-cells	GSM258772	CEL
42	Mast-cells	GSM258773	CEL
43	Mast-cells	GSM258774	CEL
44	Mast-cells	GSM258775	CEL
45	Mast-cells	GSM258776	CEL
46	NK-cells	GSM258777	CEL
47	NK-cells	GSM258778	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a+DC	GSM258648	CEL
51	CD8a+DC	GSM258649	CEL
52	CD8a+DC	GSM258650	CEL
53	CD8a+DC	GSM258651	CEL
54	CD8a+DC	GSM258652	CEL
55	CD8a+DC	GSM258653	CEL
56	CD8a+DC	GSM258654	CEL
57	CD8a+DC	GSM258655	CEL
58	CD8a+DC	GSM258656	CEL
59	CD8a+DC	GSM258657	CEL
60	CD8a+DC	GSM258658	CEL
61	CD8a+DC	GSM258659	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258722	CEL
64	Microglia	GSM258723	CEL
65	Osteoclasts	GSM258743	CEL
66	Osteoclasts	GSM258744	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258774	CEL
69	T-cells-CD8+	GSM258775	CEL
70	T-cells-CD8+	GSM258776	CEL
71	Tregs	GSM258777	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258620	CEL
74	BAF3	GSM258621	CEL
75	MZ-Bcell	GSM258622	CEL
76	MZ-Bcell	GSM258623	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258665	CEL
79	F-LY	RMLNDC002001	CEL
80	F-LY	RMLNDC003001	CEL
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481977	CEL
83	PP-FDC	GSM481978	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	Nat Helper cell	GSM465593	CEL
87	Nat Helper cell	GSM465594	CEL
88	Chondrocytes	GSM258741	CEL
89	Chondrocytes	GSM258742	CEL
90	Osteoblast-d5	GSM258741	CEL
91	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d14	GSM258737	CEL
93	Osteoblast-d14	GSM258738	CEL
94	Osteoblast-d21	GSM258739	CEL
95	Osteoblast-d21	GSM258740	CEL
96	Osteoblast-d21	GSM258631	CEL
97	OT12	GSM258632	CEL
98	OT12	GSM258633	CEL
99	3T3-L1	GSM258609	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258740	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258630	CEL
105	Bruce4	GSM258656	CEL
106	Bruce4	GSM258657	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258724	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258726	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258727	CEL
113	Spleen	GSM258728	CEL
114	Spleen	GSM258729	CEL
115	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258692	CEL
117	Lymph-nodes	GSM258693	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-small	GSM258678	CEL
120	Intestine-large	GSM258679	CEL
121	Intestine-large	GSM258680	CEL
122	Intestine-large	GSM258681	CEL
123	Colon-d4	GSM198810	CEL
124	Colon-d4	GSM198811	CEL
125	Colon-d9	GSM198812	CEL
126	Colon-d9	GSM198813	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL



Cluster0029\_Lymphatic endothelium-related (82 nodes)

1,662.7  
1,565.7  
1,478.8  
1,391.8  
1,304.8  
1,217.8  
1,130.8  
1,043.8  
958.8  
869.9  
782.9  
695.9  
608.9  
521.9  
434.9  
347.9  
261  
174  
87  
0

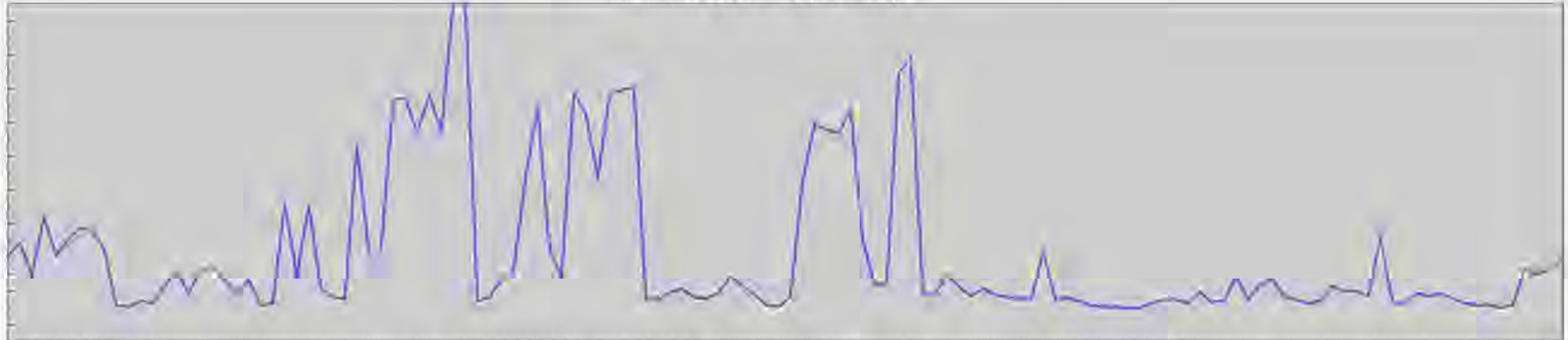


30-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Spleen GSM258671 CELL  
 115-Spleen GSM258670 CELL  
 114-Neuro2a GSM258669 CELL  
 113-Neuro2a GSM241898 CELL  
 111-Astrocytes GSM241897 CELL  
 110-mimb GSM2586725 CELL  
 109-mimb GSM2586724 CELL  
 108-MIMCD3 GSM2586723 CELL  
 107-MIMCD3 GSM2586722 CELL  
 106-Bruce4 GSM2586721 CELL  
 105-Bruce4 GSM2586720 CELL  
 104-C2C12 GSM2586719 CELL  
 103-C2C12 GSM2586718 CELL  
 102-NH3T3 GSM2586717 CELL  
 101-NH3T3 GSM2586716 CELL  
 100-3T3-L1 GSM2586715 CELL  
 99-3T3-L1 GSM2586714 CELL  
 98-10T12 GSM2586713 CELL  
 97-10T12 GSM2586712 CELL  
 96-Osteoblast-d21 GSM2586711 CELL  
 95-Osteoblast-d21 GSM2586710 CELL  
 94-Osteoblast-d14 GSM2586709 CELL  
 93-Osteoblast-d14 GSM2586708 CELL  
 92-Osteoblast-d5 GSM2586707 CELL  
 91-Osteoblast-d5 GSM2586706 CELL  
 90-Chondrocytes GSM2586705 CELL  
 88-Chondrocytes GSM2586704 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-Nat Helper cell GSM465592 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-PP-FDC GSM481977 CELL  
 82-PP-FDC GSM481976 CELL  
 81-PP-FDC GSM481975 CELL  
 80-L-Y-RMLNDCC003001 CELL  
 79-L-Y-RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258662 CELL  
 75-MZ-Bcell GSM258661 CELL  
 74-BAF3 GSM258660 CELL  
 73-BAF3 GSM258659 CELL  
 72-Tregs GSM258658 CELL  
 71-Tregs GSM258657 CELL  
 70-T-cells-CD8+ GSM258656 CELL  
 69-T-cells-CD8+ GSM258655 CELL  
 68-T-cells-CD4+ GSM258654 CELL  
 67-T-cells-CD4+ GSM258653 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258652 CELL  
 64-Osteoclasts GSM258651 CELL  
 63-Microglia GSM258650 CELL  
 62-Microglia GSM258649 CELL  
 61-MM-LPS-7h GSM258648 CELL  
 60-MM-LPS-7h GSM258647 CELL  
 59-MM-LPS-6h GSM258646 CELL  
 58-MM-LPS-6h GSM258645 CELL  
 57-MM-LPS-6h GSM258644 CELL  
 56-MM-LPS-6h GSM258643 CELL  
 55-MM-LPS-6h GSM258642 CELL  
 54-MM-LPS-6h GSM258641 CELL  
 53-MM-LPS-6h GSM258640 CELL  
 52-MM-LPS-6h GSM258639 CELL  
 51-Plasmacytoid-DC GSM258638 CELL  
 50-CD8a-DC GSM258637 CELL  
 49-CD8a-DC GSM258636 CELL  
 48-CD8a+DC GSM258635 CELL  
 47-NK-cells GSM258634 CELL  
 46-NK-cells GSM258633 CELL  
 45-Mast-cells-IgE+Ad GSM258632 CELL  
 44-Mast-cells-IgE+Ad GSM258631 CELL  
 43-Mast-cells-IgE GSM258630 CELL  
 42-Mast-cells-IgE GSM258629 CELL  
 41-Mast-cells-IgE GSM258628 CELL  
 40-Granulocytes GSM258627 CELL  
 39-Granulocytes GSM258626 CELL  
 38-MP GSM258625 CELL  
 37-MP GSM258624 CELL  
 36-MP GSM258623 CELL  
 35-MP GSM258622 CELL  
 34-MEP GSM258621 CELL  
 33-MEP GSM258620 CELL  
 32-HESC GSM258619 CELL  
 31-HESC GSM258618 CELL  
 29-Bone marrow GSM258617 CELL  
 28-Bone marrow GSM258616 CELL  
 27-paneth-cells-GF-1 GSM116357 CELL  
 26-paneth-cells-GF-1 GSM116356 CELL  
 25-paneth-cells-GF-1 GSM116355 CELL  
 24-paneth-cells-GF-1 GSM116354 CELL  
 23-paneth-cells-GF-1 GSM116353 CELL  
 22-paneth-cells-GF-1 GSM116352 CELL  
 21-paneth-cells-GF-1 GSM116351 CELL  
 20-Colon-Crypt GSM480374 CELL  
 19-Colon-Vill GSM480373 CELL  
 18-Colon-Vill GSM480372 CELL  
 17-Colon-IEC-GF GSM349880 CELL  
 16-Colon-IEC-GF GSM350375 CELL  
 15-Ileum-IEC-GF GSM350376 CELL  
 14-Ileum-IEC GSM350377 CELL  
 13-Small-intestine-epithelium RMINEP002901 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-w-M-cells GSM190794 CELL  
 5-CT-w-M-cells GSM190793 CELL  
 4-CT-y-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0030\_Uncertain (81 nodes)

696.8  
660.1  
623.4  
586.8  
550.1  
513.4  
478.7  
440.1  
403.4  
366.7  
330.1  
293.4  
256.7  
220  
183.4  
146.7  
110  
73.3  
36.7  
0



130- NALT GSM289411.CEL  
129- NALT GSM289410.CEL  
128- NALT GSM289409.CEL  
127- NALT GSM289408.CEL  
126- Colon-d9 GSM1988105.CEL  
125- Colon-d9 GSM1988104.CEL  
124- Colon-d9 GSM1988103.CEL  
123- Colon-d4 GSM1988102.CEL  
122- Colon-d4 GSM1988101.CEL  
121- Intestine-large GSM258676.CEL  
120- Intestine-large GSM258675.CEL  
119- Intestine-small GSM258678.CEL  
118- Intestine-small GSM258692.CEL  
117- Lymph-nodes GSM258691.CEL  
116- Lymph-nodes GSM258726.CEL  
115- Spleen GSM258768.CEL  
114- Spleen GSM258767.CEL  
113- Neuro2a GSM258728.CEL  
112- Neuro2a GSM258727.CEL  
111- Astrocytes GSM241898.CEL  
110- mimg GSM258726.CEL  
109- mimg GSM258725.CEL  
108- MIMCD3 GSM258724.CEL  
107- MIMCD3 GSM258723.CEL  
106- Bruce4 GSM258656.CEL  
105- Bruce4 GSM258655.CEL  
104- C2C12 GSM258690.CEL  
103- C2C12 GSM258689.CEL  
102- NIH3T3 GSM258739.CEL  
101- NIH3T3 GSM258739.CEL  
100- 3T3-L1 GSM258610.CEL  
99- 3T3-L1 GSM258609.CEL  
98- 10T1/2 GSM258631.CEL  
97- 10T1/2 GSM258631.CEL  
96- Osteoblast-d21 GSM258740.CEL  
95- Osteoblast-d21 GSM258739.CEL  
94- Osteoblast-d14 GSM258738.CEL  
93- Osteoblast-d14 GSM258737.CEL  
92- Osteoblast-d5 GSM258742.CEL  
91- Osteoblast-d5 GSM258741.CEL  
90- Chondrocytes GSM266741.CEL  
89- Chondrocytes GSM266740.CEL  
88- Nat Helper cell GSM465594.CEL  
87- Nat Helper cell GSM465593.CEL  
86- T cell GSM465596.CEL  
85- MS-1 GSM234692.CEL  
84- Lymph-endc-cells GSM143704.CEL  
83- PP-FDC GSM481977.CEL  
82- PP-FDC GSM481978.CEL  
81- PP-FDC GSM481976.CEL  
80- FLY RMLNDCC003001.CEL  
79- FLY RMLNDCC003001.CEL  
78- Follicular-Bcells GSM258664.CEL  
77- Follicular-Bcells GSM258663.CEL  
76- MZ-Bcell GSM258621.CEL  
75- MZ-Bcell GSM258621.CEL  
74- BAF3 GSM258620.CEL  
73- BAF3 GSM258619.CEL  
72- Tregs GSM258778.CEL  
71- Tregs GSM258777.CEL  
70- T-cells-CD8+ GSM258776.CEL  
69- T-cells-CD8+ GSM258774.CEL  
68- T-cells-CD4+ GSM258773.CEL  
67- T-cells-CD4+ GSM258744.CEL  
66- Thymocyte-DN GSM465595.CEL  
65- Osteoclasts GSM258743.CEL  
64- Microglia GSM258721.CEL  
63- Microglia GSM258721.CEL  
62- MM-PS-7h GSM258706.CEL  
61- MM-PS-7h GSM258706.CEL  
60- MM-PS-6h GSM258702.CEL  
59- MM-PS-6h GSM258702.CEL  
58- BMM-LPS-6h GSM258699.CEL  
57- BMM-LPS-6h GSM258699.CEL  
56- BMM-LPS-6h GSM258694.CEL  
55- BMM-LPS-6h GSM258694.CEL  
54- BMM-LPS-6h GSM258694.CEL  
53- BMM-LPS-6h GSM258694.CEL  
52- BMM-LPS-6h GSM258694.CEL  
51- BMM-LPS-6h GSM258694.CEL  
50- CD8a-DC GSM258647.CEL  
49- CD8a-DC GSM258647.CEL  
48- CD8a+DC GSM258646.CEL  
47- NK-cells GSM258732.CEL  
46- NK-cells GSM258731.CEL  
45- Mast-cells-IgE+Ad GSM258718.CEL  
44- Mast-cells-IgE+Ad GSM258717.CEL  
43- Mast-cells-IgE GSM258714.CEL  
42- Mast-cells-IgE GSM258713.CEL  
41- Mast-cells GSM258712.CEL  
40- Mast-cells GSM258711.CEL  
39- Granulocytes GSM258667.CEL  
38- Granulocytes GSM258667.CEL  
37- GMP GSM258666.CEL  
36- GMP GSM258666.CEL  
35- GMP GSM258664.CEL  
34- GMP GSM258664.CEL  
33- MIEP GSM258720.CEL  
32- MIEP GSM258719.CEL  
31- HSC GSM258770.CEL  
30- HSC GSM258769.CEL  
29- Bone marrow GSM258628.CEL  
28- Bone marrow GSM258627.CEL  
27- paneth-cells-GE GSM116358.CEL  
26- paneth-cells-GE GSM116357.CEL  
25- paneth-cells GSM116350.CEL  
24- paneth-cells GSM116359.CEL  
23- paneth-cells GSM318589.CEL  
22- paneth-cells GSM318590.CEL  
21- Colon-Crypt GSM480375.CEL  
20- Colon-Crypt GSM480374.CEL  
19- Colon-Vill GSM480363.CEL  
18- Colon-Vill GSM480362.CEL  
17- Colon-IEC-GE GSM349880.CEL  
16- Colon-IEC-GE GSM350375.CEL  
15- Ileum-IEC GSM350376.CEL  
14- Ileum-IEC GSM350371.CEL  
13- Small-intestine-epithelium RMINEP002901.CEL  
12- Small-intestine-epithelium RMINEP001001.CEL  
11- FAE RMPYEP002001.CEL  
10- FAE RMPYEP001001.CEL  
09- Ileum-IEC GSM190797.CEL  
08- Ileum-IEC GSM190796.CEL  
07- Ileum-IEC GSM190795.CEL  
06- CT-v-M-cells GSM190794.CEL  
05- CT-v-M-cells GSM190793.CEL  
04- CT-v-M-cells GSM190792.CEL  
03- PP-M-cells GSM190791.CEL  
02- PP-M-cells GSM190790.CEL  
01- PP-M-cells GSM190789.CEL



Cluster0031\_T cell-related (79 nodes)

966.7  
915.8  
864.9  
814  
763.2  
712.9  
661.4  
610.5  
559.6  
508.8  
457.9  
407  
356.1  
305.3  
254.4  
203.5  
152.6  
101.8  
50.9  
0



130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Spleen GSM258671 CELL  
 115-Spleen GSM258670 CELL  
 114-Neuro2a GSM258669 CELL  
 113-Neuro2a GSM258668 CELL  
 112-Astrocytes GSM241898 CELL  
 111-mimb GSM2586725 CELL  
 110-mimb GSM2586724 CELL  
 109-mimb GSM2586723 CELL  
 108-MIMCD3 GSM2586722 CELL  
 107-MIMCD3 GSM2586721 CELL  
 106-Bruce4 GSM2586720 CELL  
 105-Bruce4 GSM2586719 CELL  
 104-C2C12 GSM2586718 CELL  
 103-C2C12 GSM2586717 CELL  
 102-NH3T3 GSM2586716 CELL  
 101-NH3T3 GSM2586715 CELL  
 100-3T3-L1 GSM2586714 CELL  
 99-3T3-L1 GSM2586713 CELL  
 98-10T12 GSM2586712 CELL  
 97-10T12 GSM2586711 CELL  
 96-Osteoblast-d21 GSM2586710 CELL  
 95-Osteoblast-d14 GSM2586709 CELL  
 94-Osteoblast-d14 GSM2586708 CELL  
 93-Osteoblast-d14 GSM2586707 CELL  
 92-Osteoblast-d5 GSM2586706 CELL  
 91-Osteoblast-d5 GSM2586705 CELL  
 90-Chondrocytes GSM2586704 CELL  
 89-Chondrocytes GSM2586703 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-T cell GSM465592 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endc-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481976 CELL  
 81-P-FDC GSM481975 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258662 CELL  
 75-MZ-Bcell GSM258661 CELL  
 74-BAF3 GSM258660 CELL  
 73-BAF3 GSM258659 CELL  
 72-Tregs GSM258658 CELL  
 71-Tregs GSM258657 CELL  
 70-T-cells-CD8+ GSM258656 CELL  
 69-T-cells-CD8+ GSM258655 CELL  
 68-T-cells-CD4+ GSM258654 CELL  
 67-T-cells-CD4+ GSM258653 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258652 CELL  
 64-Osteoclasts GSM258651 CELL  
 63-Microglia GSM258650 CELL  
 62-Microglia GSM258649 CELL  
 61-MM-LPS-7h GSM258648 CELL  
 60-MM-LPS-7h GSM258647 CELL  
 59-MM-LPS-6h GSM258646 CELL  
 58-MM-LPS-6h GSM258645 CELL  
 57-MM-LPS-6h GSM258644 CELL  
 56-MM-LPS-6h GSM258643 CELL  
 55-MM-LPS-6h GSM258642 CELL  
 54-MM-LPS-6h GSM258641 CELL  
 53-MM-LPS-6h GSM258640 CELL  
 52-Plasmacytoid-DC GSM258639 CELL  
 51-Plasmacytoid-DC GSM258638 CELL  
 50-CD8a-DC GSM258637 CELL  
 49-CD8a-DC GSM258636 CELL  
 48-CD8a+DC GSM258635 CELL  
 47-NK-cells GSM258634 CELL  
 46-NK-cells GSM258633 CELL  
 45-Mast-cells-IgE+Ad GSM258632 CELL  
 44-Mast-cells-IgE+Ad GSM258631 CELL  
 43-Mast-cells-IgE GSM258630 CELL  
 42-Mast-cells-IgE GSM258629 CELL  
 41-Mast-cells-IgE GSM258628 CELL  
 40-Granulocytes GSM258627 CELL  
 39-Granulocytes GSM258626 CELL  
 38-GMP GSM258625 CELL  
 37-GMP GSM258624 CELL  
 36-GMP GSM258623 CELL  
 35-GMP GSM258622 CELL  
 34-MIEP GSM258621 CELL  
 33-MIEP GSM258620 CELL  
 32-MIEP GSM258619 CELL  
 31-HESC GSM258618 CELL  
 30-HESC GSM258617 CELL  
 29-Bone marrow GSM258616 CELL  
 28-Bone marrow GSM258615 CELL  
 27-paneth-cells-GF-1 GSM116357 CELL  
 26-paneth-cells-GF-1 GSM116356 CELL  
 25-paneth-cells-GF-1 GSM116355 CELL  
 24-paneth-cells-GF-1 GSM116354 CELL  
 23-paneth-cells-GF-1 GSM116353 CELL  
 22-paneth-cells-GF-1 GSM116352 CELL  
 21-paneth-cells-GF-1 GSM116351 CELL  
 20-Colon-Crypt GSM480374 CELL  
 19-Colon-Vill GSM480373 CELL  
 18-Colon-Vill GSM480372 CELL  
 17-Colon-IEC-Gf GSM349880 CELL  
 16-Colon-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350377 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE RMPYEP002001 CELL  
 10-FAE RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-w-M-cells GSM190794 CELL  
 05-CT-y-M-cells GSM190793 CELL  
 04-PP-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0032\_Phagocyte-related (75 nodes)

4,588.6  
4,347.1  
4,105.6  
3,864.1  
3,622.6  
3,381.1  
3,139.6  
2,898.1  
2,656.5  
2,415  
2,173.6  
1,932  
1,690.5  
1,449  
1,207.5  
966  
724.5  
483  
241.5  
0

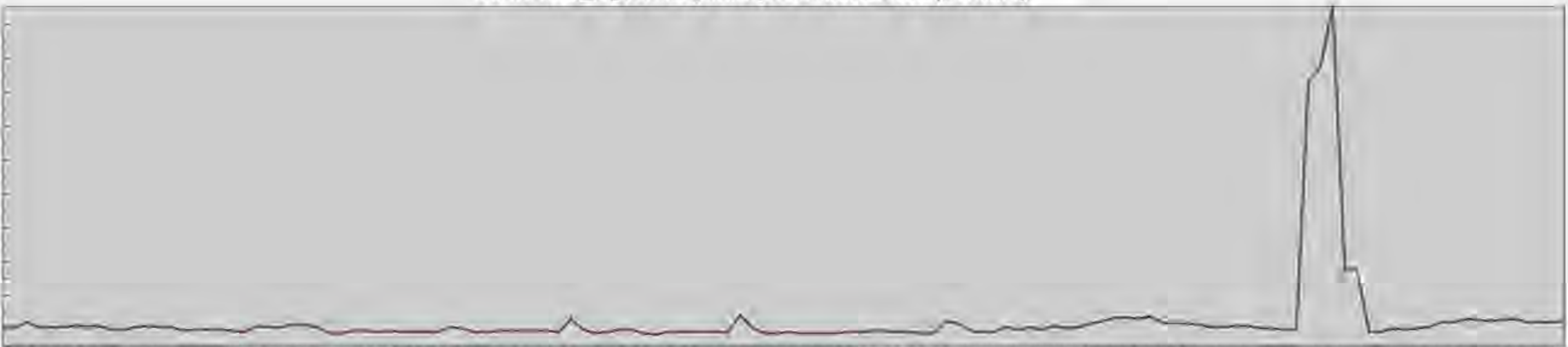


01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-y-M-cells	GSM190792	CEL
05	CT-y-M-cells	GSM190793	CEL
06	CT-w-M-cells	GSM190794	CEL
07	Ileum-EC	GSM190795	CEL
08	Ileum-EC	GSM190796	CEL
09	Ileum-EC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small intestine-epithelium	RMINEP001001	CEL
13	Small intestine-epithelium	RMINEP002001	CEL
14	Ileum-EC	GSM350371	CEL
15	Ileum-EC	GSM350375	CEL
16	Colon-EC	GSM349880	CEL
17	Colon-EC	GSM350375	CEL
18	Colon-Vill	GSM480362	cel
19	Colon-Vill	GSM480363	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116359	CEL
27	Paneth-cells	GSM116357	CEL
28	Paneth-cells	GSM116357	CEL
29	Bone marrow	GSM258627	CEL
30	HS	GSM258770	CEL
31	HS	GSM258770	CEL
32	MIEP	GSM258770	CEL
33	MIEP	GSM258770	CEL
34	MIEP	GSM258770	CEL
35	CMP	GSM258642	CEL
36	CMP	GSM258642	CEL
37	CMP	GSM258665	CEL
38	CMP	GSM258665	CEL
39	Granulocytes	GSM258667	CEL
40	Mast-cells	GSM258712	CEL
41	Mast-cells	GSM258712	CEL
42	Mast-cells	GSM258712	CEL
43	Mast-cells	GSM258712	CEL
44	Mast-cells	GSM258712	CEL
45	Mast-cells	GSM258712	CEL
46	NK-cells	GSM258732	CEL
47	NK-cells	GSM258732	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258646	CEL
50	CD8a-DC	GSM258647	CEL
51	CD8a-DC	GSM258647	CEL
52	CD8a-DC	GSM258647	CEL
53	Plasmacytoid-DC	GSM258650	CEL
54	Plasmacytoid-DC	GSM258650	CEL
55	BM-M-PS-6h	GSM258694	CEL
56	BM-M-PS-6h	GSM258694	CEL
57	BM-M-PS-6h	GSM258700	CEL
58	BM-M-PS-7h	GSM258702	CEL
59	BM-M-PS-7h	GSM258702	CEL
60	BM-M-PS-7h	GSM258706	CEL
61	BM-M-PS-7h	GSM258706	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
64	Osteoclasts	GSM258743	CEL
65	Osteoclasts	GSM258743	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258773	CEL
69	T-cells-CD8+	GSM258774	CEL
70	T-cells-CD8+	GSM258774	CEL
71	Tregs	GSM258778	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258620	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258622	CEL
76	MZ-Bcell	GSM258622	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258664	CEL
79	F-LY-RMLND	GSM258664	CEL
80	F-LY-RMLND	GSM258664	CEL
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481976	CEL
83	PP-FDC	GSM481977	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	NaT-Helper cell	GSM465593	CEL
87	NaT-Helper cell	GSM465593	CEL
88	Chondrocytes	GSM258741	CEL
89	Chondrocytes	GSM258741	CEL
90	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d14	GSM258737	CEL
93	Osteoblast-d14	GSM258737	CEL
94	Osteoblast-d21	GSM258738	CEL
95	Osteoblast-d21	GSM258738	CEL
96	Osteoblast-d21	GSM258631	CEL
97	OT12	GSM258632	CEL
98	OT12	GSM258632	CEL
99	3T3-L1	GSM258610	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258629	CEL
105	Bruce4	GSM258656	CEL
106	Bruce4	GSM258656	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258723	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258725	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258728	CEL
113	Spleen	GSM258767	CEL
114	Spleen	GSM258767	CEL
115	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258691	CEL
117	Lymph-nodes	GSM258691	CEL
118	Intestine-small	GSM258678	CEL
119	Intestine-small	GSM258678	CEL
120	Intestine-large	GSM258675	CEL
121	Intestine-large	GSM258675	CEL
122	Intestine-large	GSM258677	CEL
123	Colon-d4	GSM198810	CEL
124	Colon-d4	GSM198810	CEL
125	Colon-d9	GSM198810	CEL
126	Colon-d9	GSM198810	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL



Cluster0033\_High in Min6, astrocytes & Neuro2A cells (74 nodes)

707.9  
670.7  
633.4  
596.1  
558.9  
521.8  
484.4  
447.1  
409.8  
372.6  
335.3  
298.1  
260.8  
223.6  
186.3  
149  
111.8  
74.5  
37.3  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-y-M-cells	GSM190792	CEL
05	CT-y-M-cells	GSM190793	CEL
06	CT-w-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small intestine-epithelium	RMINEP001001	CEL
13	Small intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-VIII	GSM480365	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116361	CEL
27	Paneth-cells	GSM116362	CEL
28	Paneth-cells	GSM116363	CEL
29	Bone marrow	GSM258627	CEL
30	HSC	GSM258628	CEL
31	HSC	GSM258629	CEL
32	MEP	GSM258630	CEL
33	MEP	GSM258631	CEL
34	MEP	GSM258632	CEL
35	MEP	GSM258633	CEL
36	MEP	GSM258634	CEL
37	MEP	GSM258635	CEL
38	MEP	GSM258636	CEL
39	Granulocytes	GSM258637	CEL
40	Granulocytes	GSM258638	CEL
41	Mast-cells	GSM258639	CEL
42	Mast-cells	GSM258640	CEL
43	Mast-cells	GSM258641	CEL
44	Mast-cells	GSM258642	CEL
45	Mast-cells	GSM258643	CEL
46	NK-cells	GSM258644	CEL
47	NK-cells	GSM258645	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a+DC	GSM258648	CEL
51	CD8a+DC	GSM258649	CEL
52	CD8a+DC	GSM258650	CEL
53	CD8a+DC	GSM258651	CEL
54	CD8a+DC	GSM258652	CEL
55	CD8a+DC	GSM258653	CEL
56	CD8a+DC	GSM258654	CEL
57	CD8a+DC	GSM258655	CEL
58	CD8a+DC	GSM258656	CEL
59	CD8a+DC	GSM258657	CEL
60	CD8a+DC	GSM258658	CEL
61	CD8a+DC	GSM258659	CEL
62	Microglia	GSM258660	CEL
63	Microglia	GSM258661	CEL
64	Microglia	GSM258662	CEL
65	Microglia	GSM258663	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258664	CEL
68	T-cells-CD4+	GSM258665	CEL
69	T-cells-CD4+	GSM258666	CEL
70	T-cells-CD4+	GSM258667	CEL
71	T-cells-CD4+	GSM258668	CEL
72	T-cells-CD4+	GSM258669	CEL
73	Tregs	GSM258670	CEL
74	Tregs	GSM258671	CEL
75	Tregs	GSM258672	CEL
76	Tregs	GSM258673	CEL
77	Tregs	GSM258674	CEL
78	Tregs	GSM258675	CEL
79	Tregs	GSM258676	CEL
80	Tregs	GSM258677	CEL
81	Tregs	GSM258678	CEL
82	Tregs	GSM258679	CEL
83	Tregs	GSM258680	CEL
84	Tregs	GSM258681	CEL
85	Tregs	GSM258682	CEL
86	Tregs	GSM258683	CEL
87	Tregs	GSM258684	CEL
88	Tregs	GSM258685	CEL
89	Tregs	GSM258686	CEL
90	Tregs	GSM258687	CEL
91	Tregs	GSM258688	CEL
92	Tregs	GSM258689	CEL
93	Tregs	GSM258690	CEL
94	Tregs	GSM258691	CEL
95	Tregs	GSM258692	CEL
96	Tregs	GSM258693	CEL
97	Tregs	GSM258694	CEL
98	Tregs	GSM258695	CEL
99	Tregs	GSM258696	CEL
100	Tregs	GSM258697	CEL
101	Tregs	GSM258698	CEL
102	Tregs	GSM258699	CEL
103	Tregs	GSM258700	CEL
104	Tregs	GSM258701	CEL
105	Tregs	GSM258702	CEL
106	Tregs	GSM258703	CEL
107	Tregs	GSM258704	CEL
108	Tregs	GSM258705	CEL
109	Tregs	GSM258706	CEL
110	Tregs	GSM258707	CEL
111	Tregs	GSM258708	CEL
112	Tregs	GSM258709	CEL
113	Tregs	GSM258710	CEL
114	Tregs	GSM258711	CEL
115	Tregs	GSM258712	CEL
116	Tregs	GSM258713	CEL
117	Tregs	GSM258714	CEL
118	Tregs	GSM258715	CEL
119	Tregs	GSM258716	CEL
120	Tregs	GSM258717	CEL
121	Tregs	GSM258718	CEL
122	Tregs	GSM258719	CEL
123	Tregs	GSM258720	CEL
124	Tregs	GSM258721	CEL
125	Tregs	GSM258722	CEL
126	Tregs	GSM258723	CEL
127	Tregs	GSM258724	CEL
128	Tregs	GSM258725	CEL
129	Tregs	GSM258726	CEL
130	Tregs	GSM258727	CEL



Cluster0034\_Low in some Paneth cells (67 nodes)

489.6  
463.8  
438.1  
412.3  
386.5  
360.8  
335  
309.2  
283.5  
257.7  
231.9  
206.1  
180.4  
154.6  
128.8  
103.1  
77.3  
51.5  
25.8  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-Y-M-cells\_GSM190792.CEL  
 05-CT-Y-M-cells\_GSM190793.CEL  
 06-CT-W-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM350375.CEL  
 17-Colon-IEC-Gf\_GSM349880.CEL  
 18-Colon-Vill\_GSM480362.CEL  
 19-Colon-Vill\_GSM480363.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116350.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1-GSM116357.CEL  
 27-Paneth-cells-Gf-1-GSM116357.CEL  
 28-Paneth-cells-Gf-1-GSM116357.CEL  
 29-Bone marrow\_GSM258628.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-CMP\_GSM258864.CEL  
 36-CMP\_GSM258864.CEL  
 37-GMP\_GSM258866.CEL  
 38-GMP\_GSM258866.CEL  
 39-Granulocytes\_GSM258866.CEL  
 40-Mast-cells\_GSM258771.CEL  
 41-Mast-cells\_GSM258771.CEL  
 42-Mast-cells-IdU-GSM258771.CEL  
 43-Mast-cells-IdU-GSM258771.CEL  
 44-Mast-cells-IdU+Ad-GSM258771.CEL  
 45-Mast-cells-IdU+Ad-GSM258771.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258731.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-CD8a-DC\_GSM258647.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258700.CEL  
 57-BMM-LPS-6h\_GSM258700.CEL  
 58-BMM-LPS-7h\_GSM258702.CEL  
 59-BMM-LPS-7h\_GSM258702.CEL  
 60-PP-7h\_GSM258706.CEL  
 61-PP-7h\_GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258773.CEL  
 69-T-cells-CD8+GSM258776.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258620.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258621.CEL  
 76-MZ-Bcell\_GSM258621.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-E-L-Y-RMLNDC002001.CEL  
 80-E-L-Y-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-Tt cell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258741.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258737.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258730.CEL  
 102-NH3T3\_GSM258730.CEL  
 103-C2C12\_GSM258862.CEL  
 104-C2C12\_GSM258862.CEL  
 105-Bruce4\_GSM258866.CEL  
 106-Bruce4\_GSM258866.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Neuro2a\_GSM258728.CEL  
 116-Neuro2a\_GSM258728.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Lymph-nodes\_GSM258691.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258677.CEL  
 121-Intestine-large\_GSM258676.CEL  
 122-Intestine-large\_GSM258675.CEL  
 123-Colon-d4\_GSM198810.CEL  
 124-Colon-d4\_GSM198810.CEL  
 125-Colon-d9\_GSM198810.CEL  
 126-Colon-d9\_GSM198810.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0035\_High in some granulocytes (66 nodes)

2,485.7  
2,354.9  
2,224  
2,093.2  
1,962.4  
1,831.6  
1,700.7  
1,569.9  
1,439.1  
1,308.3  
1,177.4  
1,046.6  
915.8  
785  
654.1  
523.3  
392.5  
261.7  
130.8  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-CD9 GSM1988105 CELL  
125-CD9 GSM1988104 CELL  
124-CD9 GSM1988103 CELL  
123-CD9 GSM1988102 CELL  
122-CD9 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Lymph-nodes GSM258671 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258766 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258665 CELL  
105-Bruce4 GSM258664 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T1/2 GSM258632 CELL  
97-10T1/2 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481978 CELL  
81-PP-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-PM-M-PS-7h GSM258706 CELL  
60-PM-M-PS-7h GSM258706 CELL  
59-PM-M-PS-7h GSM258702 CELL  
58-PM-M-PS-6h GSM258700 CELL  
57-PM-M-PS-6h GSM258699 CELL  
56-PM-M-PS-6h GSM258699 CELL  
55-PM-M-PS-6h GSM258699 CELL  
54-PM-M-PS-6h GSM258699 CELL  
53-PM-M-PS-6h GSM258699 CELL  
52-PM-M-PS-6h GSM258699 CELL  
51-PM-M-PS-6h GSM258699 CELL  
50-PM-M-PS-6h GSM258699 CELL  
49-PM-M-PS-6h GSM258699 CELL  
48-PM-M-PS-6h GSM258699 CELL  
47-PM-M-PS-6h GSM258699 CELL  
46-NK-cells GSM258732 CELL  
45-NK-cells GSM258732 CELL  
44-Mast-cells-IgE+Ad GSM258719 CELL  
43-Mast-cells-IgE+Ad GSM258719 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells-IgE GSM258713 CELL  
40-Mast-cells-IgE GSM258713 CELL  
39-Granulocytes GSM258667 CELL  
38-Granulocytes GSM258667 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258666 CELL  
35-GMP GSM258666 CELL  
34-GMP GSM258666 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258720 CELL  
31-MEP GSM258720 CELL  
30-HSC GSM258770 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GF GSM116358 CELL  
26-paneth-cells-GF GSM116357 CELL  
25-paneth-cells-GF GSM116350 CELL  
24-paneth-cells-GF GSM116350 CELL  
23-paneth-cells-GF GSM116350 CELL  
22-paneth-cells-GF GSM116350 CELL  
21-paneth-cells-GF GSM116350 CELL  
20-Colon-Crypt GSM480374 CELL  
19-Colon-Vill GSM480363 CELL  
18-Colon-Vill GSM480362 CELL  
17-Colon-IEC-GF GSM349880 CELL  
16-Colon-IEC-GF GSM350375 CELL  
15-Ileum-IEC-GF GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002001 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
9-Ileum-IEC GSM190797 CELL  
8-Ileum-IEC GSM190796 CELL  
7-Ileum-IEC GSM190795 CELL  
6-CT-v-M-cells GSM190794 CELL  
5-CT-v-M-cells GSM190793 CELL  
4-CT-v-M-cells GSM190792 CELL  
3-PP-M-cells GSM190791 CELL  
2-PP-M-cells GSM190790 CELL  
1-PP-M-cells GSM190789 CELL

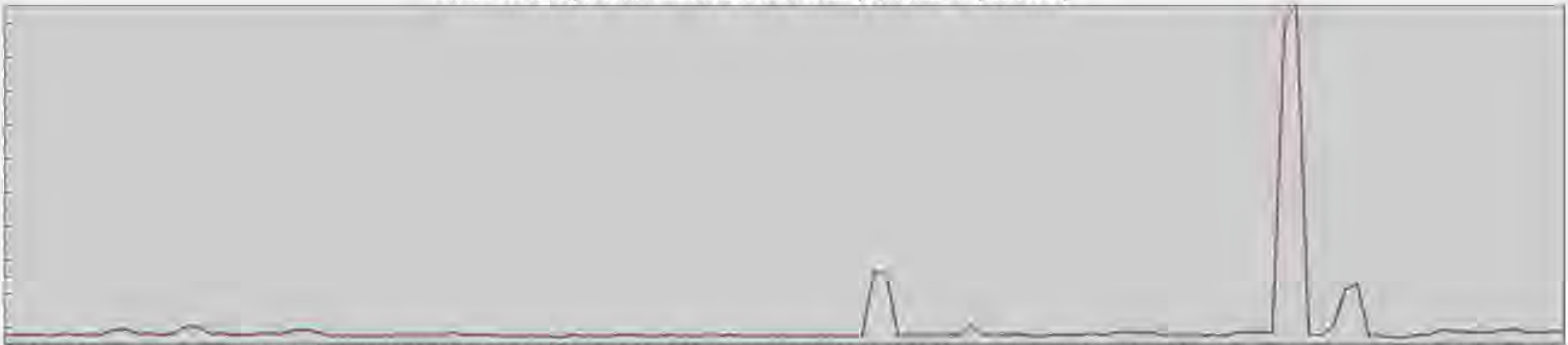






Cluster0037\_High in MIMCD3 renal inner medullary epithelial cell (65 nodes)

1,284.4  
1,216.8  
1,148.2  
1,081.6  
1,014  
946.4  
878.8  
811.2  
743.6  
676  
608.4  
540.8  
473.2  
405.6  
338  
270.4  
202.8  
135.2  
67.6  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small intestine-epithelium	RMINEP001001	CEL
13	Small intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Colon-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116361	CEL
27	Paneth-cells	GSM116362	CEL
28	Paneth-cells	GSM116363	CEL
29	Bone marrow	GSM258877	CEL
30	NALT	GSM289411	CEL
31	NALT	GSM289410	CEL
32	NALT	GSM289409	CEL
33	NALT	GSM289408	CEL
34	Colon-d9	GSM198810	CEL
35	Colon-d9	GSM198811	CEL
36	Colon-d9	GSM198812	CEL
37	Colon-d4	GSM198813	CEL
38	Colon-d4	GSM198814	CEL
39	Colon-d4	GSM198815	CEL
40	Intestine-large	GSM258676	CEL
41	Intestine-large	GSM258677	CEL
42	Intestine-large	GSM258678	CEL
43	Intestine-small	GSM258679	CEL
44	Intestine-small	GSM258680	CEL
45	Lymph-nodes	GSM258681	CEL
46	Lymph-nodes	GSM258682	CEL
47	Spleen	GSM258683	CEL
48	Spleen	GSM258684	CEL
49	Neuro2a	GSM241898	CEL
50	Neuro2a	GSM241899	CEL
51	Astrocytes	GSM241900	CEL
52	mim6	GSM258726	CEL
53	mim6	GSM258727	CEL
54	mim6	GSM258728	CEL
55	MIMCD3	GSM258729	CEL
56	MIMCD3	GSM258730	CEL
57	MIMCD3	GSM258731	CEL
58	Bruc4	GSM258732	CEL
59	Bruc4	GSM258733	CEL
60	Bruc4	GSM258734	CEL
61	Bruc4	GSM258735	CEL
62	C2C12	GSM258736	CEL
63	C2C12	GSM258737	CEL
64	C2C12	GSM258738	CEL
65	C2C12	GSM258739	CEL
66	NH3T3	GSM258740	CEL
67	NH3T3	GSM258741	CEL
68	NH3T3	GSM258742	CEL
69	NH3T3	GSM258743	CEL
70	3T3-L1	GSM258744	CEL
71	3T3-L1	GSM258745	CEL
72	3T3-L1	GSM258746	CEL
73	3T3-L1	GSM258747	CEL
74	10T1/2	GSM258748	CEL
75	10T1/2	GSM258749	CEL
76	Osteoblast-d21	GSM258750	CEL
77	Osteoblast-d21	GSM258751	CEL
78	Osteoblast-d14	GSM258752	CEL
79	Osteoblast-d14	GSM258753	CEL
80	Osteoblast-d5	GSM258754	CEL
81	Osteoblast-d5	GSM258755	CEL
82	Chondrocytes	GSM258756	CEL
83	Chondrocytes	GSM258757	CEL
84	Chondrocytes	GSM258758	CEL
85	Chondrocytes	GSM258759	CEL
86	Nat Helper cell	GSM465593	CEL
87	Nat Helper cell	GSM465594	CEL
88	Nat Helper cell	GSM465595	CEL
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90	MS-1	GSM234693	CEL
91	MS-1	GSM234694	CEL
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93	MS-1	GSM234696	CEL
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101	MS-1	GSM234704	CEL
102	MS-1	GSM234705	CEL
103	MS-1	GSM234706	CEL
104	MS-1	GSM234707	CEL
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125	MS-1	GSM234728	CEL
126	MS-1	GSM234729	CEL
127	MS-1	GSM234730	CEL
128	MS-1	GSM234731	CEL
129	MS-1	GSM234732	CEL
130	MS-1	GSM234733	CEL



Cluster0038\_Lymphatic endothelium-related (65 nodes)

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2,253.9  
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1,856.2  
1,723.6  
1,591  
1,458.4  
1,325.8  
1,193.3  
1,060.7  
928.1  
795.5  
662.9  
530.3  
397.8  
265.2  
132.6  
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29	NALT	GSM2899410	CEL
28	NALT	GSM2899409	CEL
27	NALT	GSM2899408	CEL
26	Colon-d9	GSM1988104	CEL
25	Colon-d9	GSM1988103	CEL
24	Colon-d9	GSM1988102	CEL
23	Colon-d4	GSM1988101	CEL
22	Colon-d4	GSM1988100	CEL
21	Intestine-large	GSM258676	CEL
20	Intestine-large	GSM258675	CEL
19	Intestine-small	GSM258678	CEL
18	Intestine-small	GSM258677	CEL
17	Lymph-nodes	GSM258691	CEL
16	Spleen	GSM258768	CEL
15	Spleen	GSM258767	CEL
14	Neuro2a	GSM258728	CEL
13	Neuro2a	GSM258727	CEL
12	Astrocytes	GSM241898	CEL
11	ming	GSM258726	CEL
10	ming	GSM258725	CEL
09	ming	GSM258724	CEL
08	MIMCD3	GSM258723	CEL
07	MIMCD3	GSM258722	CEL
06	Bruce4	GSM258690	CEL
05	Bruce4	GSM258689	CEL
04	C2C12	GSM258688	CEL
03	C2C12	GSM258687	CEL
02	NH3T3	GSM258730	CEL
01	NH3T3	GSM258729	CEL
99	3T3-L1	GSM258610	CEL
98	3T3-L1	GSM258609	CEL
97	10T12	GSM258632	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat_Helper cell	GSM465594	CEL
87	Nat_Helper cell	GSM465593	CEL
86	T cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	E-L	RMLNDC003001	CEL
79	E-L	RMLNDC003001	CEL
78	Follicular-B cells	GSM258654	CEL
77	Follicular-B cells	GSM258653	CEL
76	MZ-B cell	GSM258622	CEL
75	MZ-B cell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	Tregs	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD8+	GSM258775	CEL
68	T-cells-CD4+	GSM258774	CEL
67	T-cells-CD4+	GSM258773	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258743	CEL
64	Microglia	GSM258721	CEL
63	Microglia	GSM258720	CEL
62	PS-7h	GSM258705	CEL
61	PS-7h	GSM258704	CEL
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Cluster0039\_Mast cell-related (64 nodes)

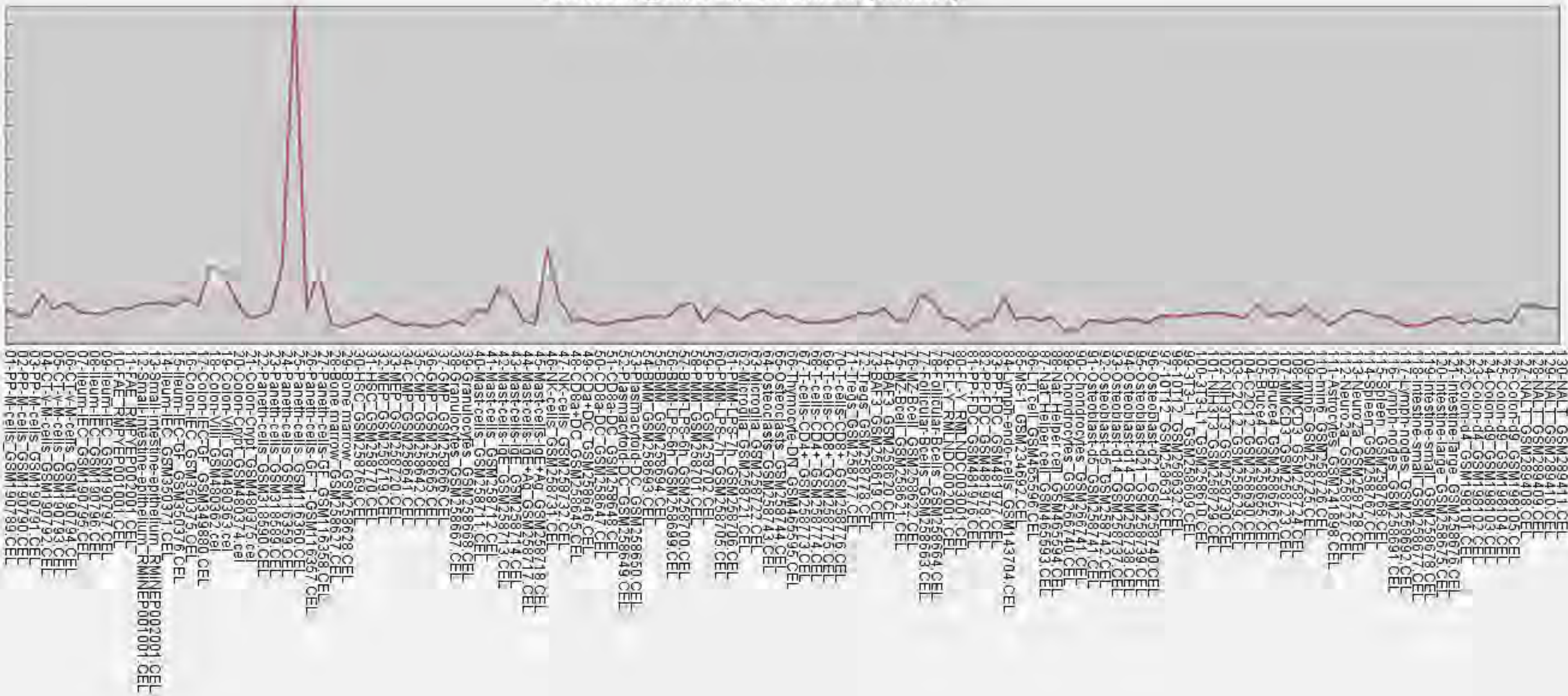
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2,259.7  
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1,694.8  
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847.4  
564.9  
282.5  
0



30-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Spleen GSM258671 CELL  
 115-Spleen GSM258670 CELL  
 114-Spleen GSM258669 CELL  
 113-Neuro2a GSM241898 CELL  
 112-Neuro2a GSM241897 CELL  
 111-Astrocytes GSM241896 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258665 CELL  
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 104-C2C12 GSM258663 CELL  
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 102-NH3T3 GSM258739 CELL  
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 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-M8-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258773 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM268706 CELL  
 60-MM-LPS-7h GSM268706 CELL  
 59-MM-LPS-6h GSM268700 CELL  
 58-MM-LPS-6h GSM268699 CELL  
 57-MM-LPS-6h GSM268699 CELL  
 56-MM-LPS-6h GSM268699 CELL  
 55-MM-LPS-6h GSM268699 CELL  
 54-MM-LPS-6h GSM268699 CELL  
 53-Ismacryoid-DC GSM258650 CELL  
 52-Ismacryoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IdU+Ad GSM258719 CELL  
 44-Mast-cells-IdU+Ad GSM258717 CELL  
 43-Mast-cells-IdU GSM258714 CELL  
 42-Mast-cells-IdU GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258712 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-GMP GSM258664 CELL  
 34-MPEP GSM258770 CELL  
 33-MPEP GSM258770 CELL  
 32-MPEP GSM258770 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258770 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM480375 CELL  
 20-Colon-Crypt GSM480374 CELL  
 19-Colon-Vill GSM480363 CELL  
 18-Colon-Vill GSM480362 CELL  
 17-Colon-IEC-Gf GSM349880 CELL  
 16-Colon-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002901 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP002001 CELL  
 10-FAE-RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-w-M-cells GSM190794 CELL  
 05-CT-y-M-cells GSM190793 CELL  
 04-PP-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



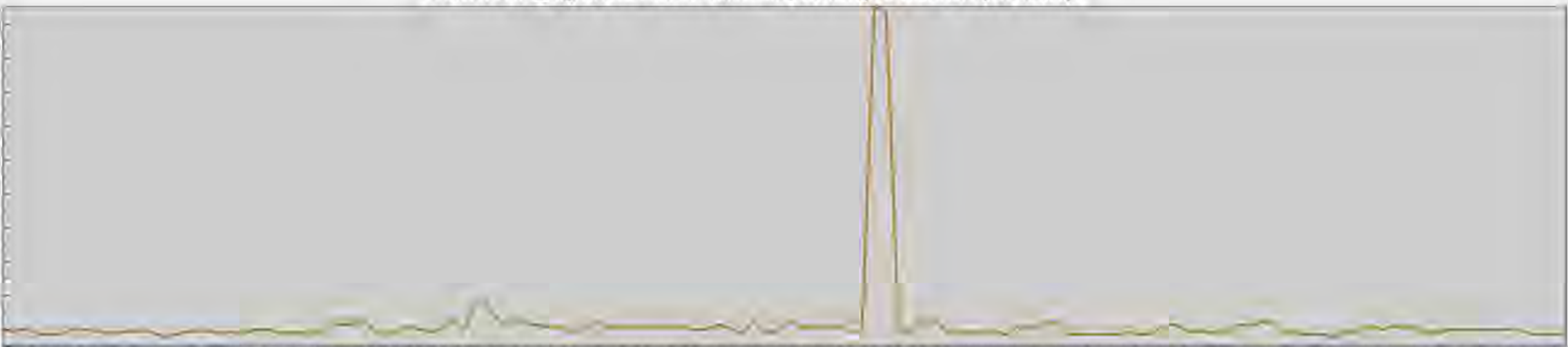
Cluster0040\_Low in some Paneth cells (62 nodes)





Cluster0041\_High in BAF3 interleukin 3-dependent pro-B cell line (58 nodes)

1,423.8  
1,348.9  
1,274  
1,199  
1,124.1  
1,049.1  
974.2  
899.3  
824.3  
749.4  
674.4  
599.5  
524.6  
449.6  
374.7  
299.8  
224.8  
149.9  
74.9  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-V-M-cells\_GSM190792.CEL  
 05-CT-V-M-cells\_GSM190793.CEL  
 06-CT-V-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116350.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116358.CEL  
 28-Paneth-cells-Gf-1\_GSM116359.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258771.CEL  
 32-MEP\_GSM258772.CEL  
 33-MEP\_GSM258773.CEL  
 34-MEP\_GSM258774.CEL  
 35-MEP\_GSM258775.CEL  
 36-MEP\_GSM258776.CEL  
 37-MEP\_GSM258777.CEL  
 38-MEP\_GSM258778.CEL  
 39-Granulocytes\_GSM258779.CEL  
 40-Mast-cells\_GSM258780.CEL  
 41-Mast-cells-Gf\_GSM258781.CEL  
 42-Mast-cells-Gf\_GSM258782.CEL  
 43-Mast-cells-Gf\_GSM258783.CEL  
 44-Mast-cells-Gf\_GSM258784.CEL  
 45-Mast-cells-Gf\_GSM258785.CEL  
 46-NK-cells\_GSM258786.CEL  
 47-NK-cells\_GSM258787.CEL  
 48-CD8a+DC\_GSM258788.CEL  
 49-CD8a+DC\_GSM258789.CEL  
 50-CD8a+DC\_GSM258790.CEL  
 51-CD8a+DC\_GSM258791.CEL  
 52-CD8a+DC\_GSM258792.CEL  
 53-CD8a+DC\_GSM258793.CEL  
 54-CD8a+DC\_GSM258794.CEL  
 55-CD8a+DC\_GSM258795.CEL  
 56-CD8a+DC\_GSM258796.CEL  
 57-CD8a+DC\_GSM258797.CEL  
 58-CD8a+DC\_GSM258798.CEL  
 59-CD8a+DC\_GSM258799.CEL  
 60-CD8a+DC\_GSM258800.CEL  
 61-CD8a+DC\_GSM258801.CEL  
 62-Microglia\_GSM258802.CEL  
 63-Microglia\_GSM258803.CEL  
 64-Microglia\_GSM258804.CEL  
 65-Microglia\_GSM258805.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-Thymocyte-DN\_GSM465596.CEL  
 68-Osteoclasts\_GSM258743.CEL  
 69-Osteoclasts\_GSM258744.CEL  
 70-Tregs\_GSM258778.CEL  
 71-Tregs\_GSM258779.CEL  
 72-Tregs\_GSM258780.CEL  
 73-Tregs\_GSM258781.CEL  
 74-Tregs\_GSM258782.CEL  
 75-Tregs\_GSM258783.CEL  
 76-Tregs\_GSM258784.CEL  
 77-Tregs\_GSM258785.CEL  
 78-Tregs\_GSM258786.CEL  
 79-Tregs\_GSM258787.CEL  
 80-Tregs\_GSM258788.CEL  
 81-Tregs\_GSM258789.CEL  
 82-Tregs\_GSM258790.CEL  
 83-Tregs\_GSM258791.CEL  
 84-Tregs\_GSM258792.CEL  
 85-Tregs\_GSM258793.CEL  
 86-Tregs\_GSM258794.CEL  
 87-Tregs\_GSM258795.CEL  
 88-Tregs\_GSM258796.CEL  
 89-Tregs\_GSM258797.CEL  
 90-Tregs\_GSM258798.CEL  
 91-Tregs\_GSM258799.CEL  
 92-Tregs\_GSM258800.CEL  
 93-Tregs\_GSM258801.CEL  
 94-Tregs\_GSM258802.CEL  
 95-Tregs\_GSM258803.CEL  
 96-Tregs\_GSM258804.CEL  
 97-Tregs\_GSM258805.CEL  
 98-Tregs\_GSM258806.CEL  
 99-Tregs\_GSM258807.CEL  
 100-Tregs\_GSM258808.CEL  
 101-Tregs\_GSM258809.CEL  
 102-Tregs\_GSM258810.CEL  
 103-Tregs\_GSM258811.CEL  
 104-Tregs\_GSM258812.CEL  
 105-Tregs\_GSM258813.CEL  
 106-Tregs\_GSM258814.CEL  
 107-Tregs\_GSM258815.CEL  
 108-Tregs\_GSM258816.CEL  
 109-Tregs\_GSM258817.CEL  
 110-Tregs\_GSM258818.CEL  
 111-Tregs\_GSM258819.CEL  
 112-Tregs\_GSM258820.CEL  
 113-Tregs\_GSM258821.CEL  
 114-Tregs\_GSM258822.CEL  
 115-Tregs\_GSM258823.CEL  
 116-Tregs\_GSM258824.CEL  
 117-Tregs\_GSM258825.CEL  
 118-Tregs\_GSM258826.CEL  
 119-Tregs\_GSM258827.CEL  
 120-Tregs\_GSM258828.CEL  
 121-Tregs\_GSM258829.CEL  
 122-Tregs\_GSM258830.CEL  
 123-Tregs\_GSM258831.CEL  
 124-Tregs\_GSM258832.CEL  
 125-Tregs\_GSM258833.CEL  
 126-Tregs\_GSM258834.CEL  
 127-Tregs\_GSM258835.CEL  
 128-Tregs\_GSM258836.CEL  
 129-Tregs\_GSM258837.CEL  
 130-Tregs\_GSM258838.CEL  
 131-Tregs\_GSM258839.CEL  
 132-Tregs\_GSM258840.CEL  
 133-Tregs\_GSM258841.CEL  
 134-Tregs\_GSM258842.CEL  
 135-Tregs\_GSM258843.CEL  
 136-Tregs\_GSM258844.CEL  
 137-Tregs\_GSM258845.CEL  
 138-Tregs\_GSM258846.CEL  
 139-Tregs\_GSM258847.CEL  
 140-Tregs\_GSM258848.CEL  
 141-Tregs\_GSM258849.CEL  
 142-Tregs\_GSM258850.CEL  
 143-Tregs\_GSM258851.CEL  
 144-Tregs\_GSM258852.CEL  
 145-Tregs\_GSM258853.CEL  
 146-Tregs\_GSM258854.CEL  
 147-Tregs\_GSM258855.CEL  
 148-Tregs\_GSM258856.CEL  
 149-Tregs\_GSM258857.CEL  
 150-Tregs\_GSM258858.CEL  
 151-Tregs\_GSM258859.CEL  
 152-Tregs\_GSM258860.CEL  
 153-Tregs\_GSM258861.CEL  
 154-Tregs\_GSM258862.CEL  
 155-Tregs\_GSM258863.CEL  
 156-Tregs\_GSM258864.CEL  
 157-Tregs\_GSM258865.CEL  
 158-Tregs\_GSM258866.CEL  
 159-Tregs\_GSM258867.CEL  
 160-Tregs\_GSM258868.CEL  
 161-Tregs\_GSM258869.CEL  
 162-Tregs\_GSM258870.CEL  
 163-Tregs\_GSM258871.CEL  
 164-Tregs\_GSM258872.CEL  
 165-Tregs\_GSM258873.CEL  
 166-Tregs\_GSM258874.CEL  
 167-Tregs\_GSM258875.CEL  
 168-Tregs\_GSM258876.CEL  
 169-Tregs\_GSM258877.CEL  
 170-Tregs\_GSM258878.CEL  
 171-Tregs\_GSM258879.CEL  
 172-Tregs\_GSM258880.CEL  
 173-Tregs\_GSM258881.CEL  
 174-Tregs\_GSM258882.CEL  
 175-Tregs\_GSM258883.CEL  
 176-Tregs\_GSM258884.CEL  
 177-Tregs\_GSM258885.CEL  
 178-Tregs\_GSM258886.CEL  
 179-Tregs\_GSM258887.CEL  
 180-Tregs\_GSM258888.CEL  
 181-Tregs\_GSM258889.CEL  
 182-Tregs\_GSM258890.CEL  
 183-Tregs\_GSM258891.CEL  
 184-Tregs\_GSM258892.CEL  
 185-Tregs\_GSM258893.CEL  
 186-Tregs\_GSM258894.CEL  
 187-Tregs\_GSM258895.CEL  
 188-Tregs\_GSM258896.CEL  
 189-Tregs\_GSM258897.CEL  
 190-Tregs\_GSM258898.CEL  
 191-Tregs\_GSM258899.CEL  
 192-Tregs\_GSM258900.CEL  
 193-Tregs\_GSM258901.CEL  
 194-Tregs\_GSM258902.CEL  
 195-Tregs\_GSM258903.CEL  
 196-Tregs\_GSM258904.CEL  
 197-Tregs\_GSM258905.CEL  
 198-Tregs\_GSM258906.CEL  
 199-Tregs\_GSM258907.CEL  
 200-Tregs\_GSM258908.CEL



Cluster0042\_NK cell-related (57 nodes)

3,637.6  
3,351.4  
3,165.2  
2,979  
2,792.6  
2,606.7  
2,420.5  
2,234.3  
2,048.1  
1,861.9  
1,675.7  
1,489.5  
1,303.3  
1,117.1  
930.9  
744.8  
558.6  
372.4  
186.2  
0



30	NALT	GSM2899411	CEL
29	NALT	GSM2899410	CEL
28	NALT	GSM2899409	CEL
27	NALT	GSM2899408	CEL
26	Color-d9	GSM1988104	CEL
25	Color-d9	GSM1988103	CEL
24	Color-d9	GSM1988102	CEL
23	Color-d4	GSM1988101	CEL
22	Color-d4	GSM1988100	CEL
21	Intestine-large	GSM258676	CEL
20	Intestine-large	GSM258675	CEL
19	Intestine-small	GSM258674	CEL
18	Intestine-small	GSM258673	CEL
17	Lymph-nodes	GSM258672	CEL
16	Spleen	GSM258671	CEL
15	Spleen	GSM258670	CEL
14	Neuro2a	GSM258669	CEL
13	Neuro2a	GSM258668	CEL
12	Astrocytes	GSM2418998	CEL
11	ming	GSM258667	CEL
10	ming	GSM258666	CEL
09	ming	GSM258665	CEL
08	MIMCD3	GSM258664	CEL
07	MIMCD3	GSM258663	CEL
06	Bruce4	GSM258662	CEL
05	Bruce4	GSM258661	CEL
04	C2C12	GSM258660	CEL
03	C2C12	GSM258659	CEL
02	NH3T3	GSM258658	CEL
01	NH3T3	GSM258657	CEL
100	3T3-L1	GSM258656	CEL
99	3T3-L1	GSM258655	CEL
98	10T12	GSM258654	CEL
97	10T12	GSM258653	CEL
96	Osteoblast-d21	GSM258652	CEL
95	Osteoblast-d14	GSM258651	CEL
94	Osteoblast-d14	GSM258650	CEL
93	Osteoblast-d5	GSM258649	CEL
92	Osteoblast-d5	GSM258648	CEL
91	Chondrocytes	GSM258647	CEL
90	Chondrocytes	GSM258646	CEL
89	Nat Helper cell	GSM465594	CEL
88	Nat Helper cell	GSM465593	CEL
87	LT cell	GSM465592	CEL
86	MS-1	GSM234692	CEL
85	Lymph-endo-cells	GSM143704	CEL
84	PP-FDC	GSM481977	CEL
83	PP-FDC	GSM481978	CEL
82	PP-FDC	GSM481979	CEL
81	PP-FDC	GSM481976	CEL
80	E-L	RMLNDC003001	CEL
79	E-L	RMLNDC003001	CEL
78	Follicular-B-cells	GSM258654	CEL
77	Follicular-B-cells	GSM258653	CEL
76	MZ-Bcell	GSM258652	CEL
75	MZ-Bcell	GSM258651	CEL
74	BAF3	GSM258650	CEL
73	BAF3	GSM258649	CEL
72	Tregs	GSM258648	CEL
71	T-cells-CD8+	GSM258647	CEL
70	T-cells-CD8+	GSM258646	CEL
69	T-cells-CD4+	GSM258645	CEL
68	T-cells-CD4+	GSM258644	CEL
67	T-cells-CD4+	GSM258643	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258642	CEL
64	Microglia	GSM258641	CEL
63	Microglia	GSM258640	CEL
62	Microglia	GSM258639	CEL
61	MM-LPS-7h	GSM258638	CEL
60	MM-LPS-7h	GSM258637	CEL
59	MM-LPS-6h	GSM258636	CEL
58	MM-LPS-6h	GSM258635	CEL
57	MM-LPS-6h	GSM258634	CEL
56	MM-LPS-6h	GSM258633	CEL
55	MM-LPS-6h	GSM258632	CEL
54	MM-LPS-6h	GSM258631	CEL
53	MM-LPS-6h	GSM258630	CEL
52	MM-LPS-6h	GSM258629	CEL
51	MM-LPS-6h	GSM258628	CEL
50	CD8a-DC	GSM258627	CEL
49	CD8a-DC	GSM258626	CEL
48	CD8a+DC	GSM258625	CEL
47	NK-cells	GSM258624	CEL
46	NK-cells	GSM258623	CEL
45	Mast-cells-IgE+Ad	GSM258622	CEL
44	Mast-cells-IgE+Ad	GSM258621	CEL
43	Mast-cells-IgE	GSM258620	CEL
42	Mast-cells-IgE	GSM258619	CEL
41	Mast-cells	GSM258618	CEL
40	Granulocytes	GSM258617	CEL
39	Granulocytes	GSM258616	CEL
38	GMP	GSM258615	CEL
37	GMP	GSM258614	CEL
36	GMP	GSM258613	CEL
35	GMP	GSM258612	CEL
34	GMP	GSM258611	CEL
33	GMP	GSM258610	CEL
32	MEP	GSM258609	CEL
31	MEP	GSM258608	CEL
30	MEP	GSM258607	CEL
29	MEP	GSM258606	CEL
28	Bone marrow	GSM258605	CEL
27	paneth-cells-GE	GSM116357	CEL
26	paneth-cells-GE	GSM116356	CEL
25	paneth-cells	GSM116355	CEL
24	paneth-cells	GSM116354	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	ileum-IEC	GSM350376	CEL
14	ileum-IEC	GSM350377	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP001001	CEL
10	FAE	RMPYEP001001	CEL
09	ileum-IEC	GSM190797	CEL
08	ileum-IEC	GSM190796	CEL
07	ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	CT-v-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0043\_Granulocyte-related (57 nodes)

745.8  
706.6  
667.3  
628.1  
588.8  
549.6  
510.3  
471.1  
431.8  
392.5  
353.3  
314  
274.8  
235.5  
196.3  
157  
117.8  
78.5  
39.3  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-Y-M-cells\_GSM190792.CEL  
 05-CT-Y-M-cells\_GSM190793.CEL  
 06-CT-W-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-RMPYEP001001.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116350.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116358.CEL  
 28-Paneth-cells-Gf-1\_GSM116357.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-NALT\_GSM289411.CEL  
 31-NALT\_GSM289410.CEL  
 32-NALT\_GSM289409.CEL  
 33-NALT\_GSM289408.CEL  
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 38-Colon-d4\_GSM1988101.CEL  
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 40-Intestine-large\_GSM258675.CEL  
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 73-Chondrocytes\_GSM258740.CEL  
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 94-T-cells-CD8+GSM258775.CEL  
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 200-MM-LPS-6h\_GSM258699.CEL



Cluster0044\_Low in many (55 nodes)

109.5  
103.7  
98  
92.2  
86.4  
80.7  
74.9  
69.2  
63.4  
57.6  
51.9  
46.1  
40.3  
34.6  
28.8  
23.1  
17.3  
11.5  
5.8  
0



130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-Colon-d9 GSM1988105 CEL  
125-Colon-d9 GSM1988104 CEL  
124-Colon-d9 GSM1988103 CEL  
123-Colon-d4 GSM1988102 CEL  
122-Colon-d4 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258678 CEL  
118-Intestine-small GSM258679 CEL  
117-Lymph-nodes GSM258691 CEL  
116-Lymph-nodes GSM258726 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258656 CEL  
105-Bruce4 GSM258656 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258629 CEL  
102-NH3T3 GSM258739 CEL  
101-NH3T3 GSM258739 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-PP-FDC GSM481977 CEL  
82-PP-FDC GSM481978 CEL  
81-PP-FDC GSM481976 CEL  
80-L-Y RMLNDC003001 CEL  
79-L-Y RMLNDC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258622 CEL  
75-MZ-Bcell GSM258621 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258773 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Microglia GSM258721 CEL  
63-Microglia GSM258721 CEL  
62-MM-LPS-7h GSM268706 CEL  
61-MM-LPS-7h GSM268706 CEL  
60-MM-LPS-6h GSM258702 CEL  
59-MM-LPS-6h GSM258702 CEL  
58-MM-LPS-6h GSM258699 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258694 CEL  
55-MM-LPS-6h GSM258694 CEL  
54-Plasmacytoid-DC GSM258650 CEL  
53-Plasmacytoid-DC GSM258649 CEL  
52-CD8a-DC GSM258647 CEL  
51-CD8a-DC GSM258647 CEL  
50-CD8a+DC GSM258646 CEL  
49-CD8a+DC GSM258646 CEL  
48-NK-cells GSM258732 CEL  
47-NK-cells GSM258731 CEL  
46-Mast-cells-IgE+Ad GSM258719 CEL  
45-Mast-cells-IgE+Ad GSM258717 CEL  
44-Mast-cells-IgE GSM258714 CEL  
43-Mast-cells-IgE GSM258713 CEL  
42-Mast-cells-IgE GSM258712 CEL  
41-Mast-cells-IgE GSM258712 CEL  
40-Granulocytes GSM258668 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258666 CEL  
36-GMP GSM258666 CEL  
35-GMP GSM258666 CEL  
34-MEP GSM258642 CEL  
33-MEP GSM258642 CEL  
32-MEP GSM258720 CEL  
31-MEP GSM258720 CEL  
30-HSC GSM258770 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GF-1 GSM116357 CEL  
26-paneth-cells-GF-1 GSM116357 CEL  
25-paneth-cells-GF-1 GSM116357 CEL  
24-paneth-cells-GF-1 GSM116359 CEL  
23-paneth-cells-GF-1 GSM116359 CEL  
22-paneth-cells-GF-1 GSM116359 CEL  
21-Colon-Crypt GSM480375 cel  
20-Colon-Crypt GSM480374 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-GF GSM349880 CEL  
16-Colon-IEC-GF GSM350375 CEL  
15-Ileum-IEC-GF GSM350376 CEL  
14-Ileum-IEC GSM350371 CEL  
13-Small-intestine-epithelium RMINEP002001 CEL  
12-Small-intestine-epithelium RMINEP001001 CEL  
11-FAE-RMPYEP002001 CEL  
10-FAE-RMPYEP001001 CEL  
09-Ileum-IEC GSM190797 CEL  
08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-v-M-cells GSM190794 CEL  
05-CT-v-M-cells GSM190793 CEL  
04-CT-v-M-cells GSM190792 CEL  
03-PP-M-cells GSM190791 CEL  
02-PP-M-cells GSM190790 CEL  
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Cluster0045\_Plasmatyoid DC-related (54 nodes)

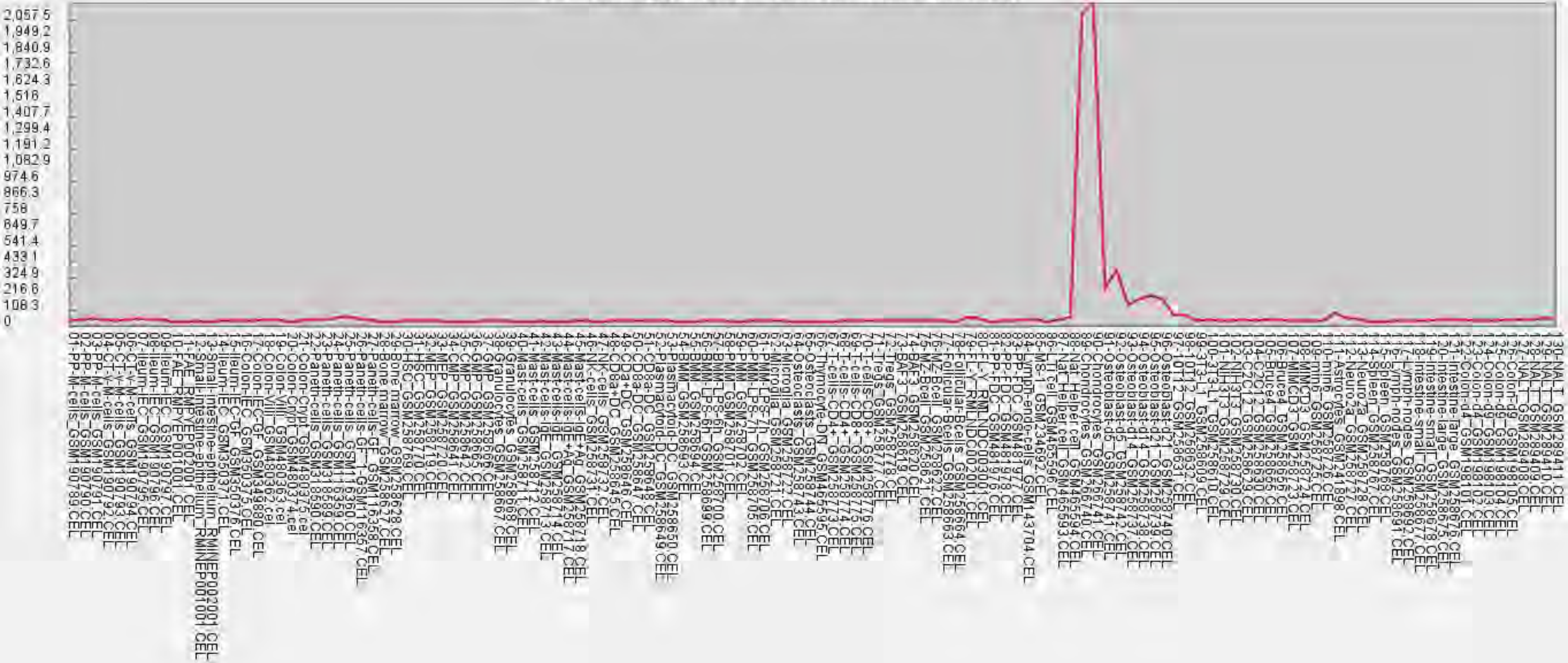
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653.2  
609.6  
566.1  
522.5  
479  
435.4  
391.9  
348.4  
304.8  
261.3  
217.7  
174.2  
130.6  
87.1  
43.5  
0



30	NALT	GSM289411	CELL
129	NALT	GSM289410	CELL
128	NALT	GSM289409	CELL
127	NALT	GSM289408	CELL
126	Colon-d9	GSM1988105	CELL
125	Colon-d9	GSM1988104	CELL
124	Colon-d9	GSM1988103	CELL
123	Colon-d4	GSM1988102	CELL
122	Colon-d4	GSM1988101	CELL
121	Intestine-large	GSM258676	CELL
120	Intestine-large	GSM258675	CELL
119	Intestine-small	GSM258678	CELL
118	Intestine-small	GSM258679	CELL
117	Lymph-nodes	GSM258691	CELL
116	Spleen	GSM258766	CELL
115	Spleen	GSM258767	CELL
114	Spleen	GSM258768	CELL
113	Neuro2a	GSM258728	CELL
112	Neuro2a	GSM258729	CELL
111	Astrocytes	GSM241898	CELL
110	mim6	GSM258726	CELL
109	mim6	GSM258725	CELL
108	MIMCD3	GSM258724	CELL
107	MIMCD3	GSM258723	CELL
106	Bruce4	GSM258656	CELL
105	Bruce4	GSM258655	CELL
104	C2C12	GSM258690	CELL
103	C2C12	GSM258689	CELL
102	NH3T3	GSM258730	CELL
101	NH3T3	GSM258729	CELL
100	3T3-L1	GSM258610	CELL
99	3T3-L1	GSM258609	CELL
98	10T12	GSM258632	CELL
97	10T12	GSM258631	CELL
96	Osteoblast-d21	GSM258740	CELL
95	Osteoblast-d14	GSM258738	CELL
94	Osteoblast-d14	GSM258737	CELL
93	Osteoblast-d5	GSM258742	CELL
92	Osteoblast-d5	GSM258741	CELL
91	Chondrocytes	GSM266741	CELL
90	Chondrocytes	GSM266740	CELL
89	Nat Helper cell	GSM465594	CELL
88	Nat Helper cell	GSM465593	CELL
87	Tt cell	GSM465596	CELL
86	MS-1	GSM234692	CELL
85	Lymph-endo-cells	GSM143704	CELL
84	PP-FDC	GSM481977	CELL
83	PP-FDC	GSM481978	CELL
82	PP-FDC	GSM481976	CELL
81	E-L	RMLNDC003001	CELL
80	E-L	RMLNDC003001	CELL
79	Follicular-Bcells	GSM258664	CELL
78	Follicular-Bcells	GSM258663	CELL
77	MZ-Bcell	GSM258622	CELL
76	MZ-Bcell	GSM258621	CELL
75	BAF3	GSM258620	CELL
74	BAF3	GSM258619	CELL
73	Tregs	GSM258778	CELL
72	Tregs	GSM258777	CELL
71	T-cells-CD8+	GSM258776	CELL
70	T-cells-CD8+	GSM258775	CELL
69	T-cells-CD4+	GSM258774	CELL
68	T-cells-CD4+	GSM258773	CELL
67	Thymocyte-DN	GSM465595	CELL
66	Osteoclasts	GSM258743	CELL
65	Microglia	GSM258721	CELL
64	Microglia	GSM258721	CELL
63	PS-7h	GSM258706	CELL
62	PS-7h	GSM258705	CELL
61	PS-6h	GSM258702	CELL
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29	PS-6h	GSM258699	CELL
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22	PS-6h	GSM258699	CELL
21	PS-6h	GSM258699	CELL
20	PS-6h	GSM258699	CELL
19	PS-6h	GSM258699	CELL
18	PS-6h	GSM258699	CELL
17	PS-6h	GSM258699	CELL
16	PS-6h	GSM258699	CELL
15	PS-6h	GSM258699	CELL
14	PS-6h	GSM258699	CELL
13	PS-6h	GSM258699	CELL
12	PS-6h	GSM258699	CELL
11	PS-6h	GSM258699	CELL
10	PS-6h	GSM258699	CELL
9	PS-6h	GSM258699	CELL
8	PS-6h	GSM258699	CELL
7	PS-6h	GSM258699	CELL
6	PS-6h	GSM258699	CELL
5	PS-6h	GSM258699	CELL
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2	PS-6h	GSM258699	CELL
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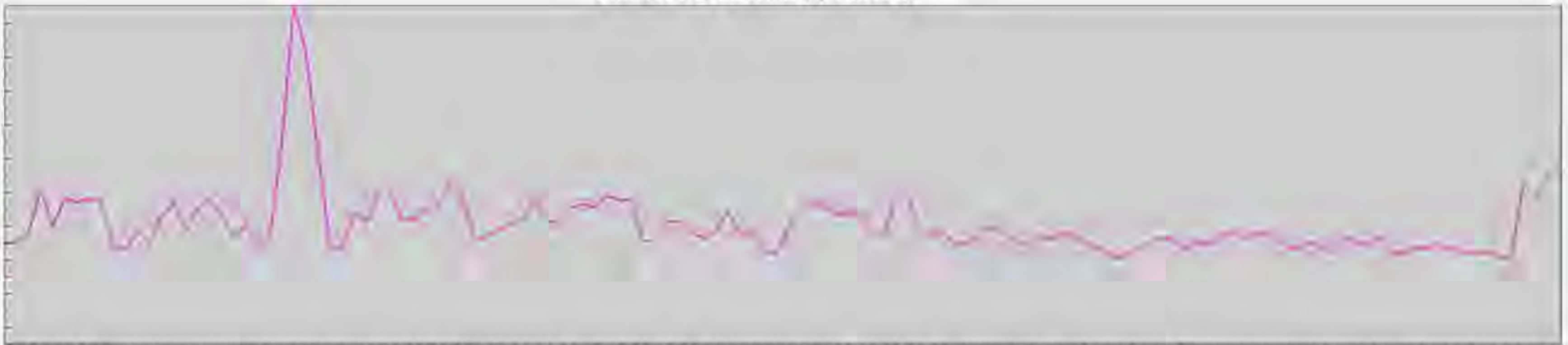
Cluster0046\_Chondrocyte & osteoblast-related (53 nodes)





Cluster0047\_Low in many (52 nodes)

102.1  
96.7  
91.3  
85.9  
80.6  
75.2  
69.8  
64.5  
59.1  
53.7  
48.3  
43  
37.6  
32.2  
26.9  
21.5  
16.1  
10.7  
5.4  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258676.CEL  
115-Spleen GSM258676.CEL  
114-Spleen GSM258676.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLND C002001.CEL  
79-LY-RMLND C002001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-7h GSM258705.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258702.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-BM258694.CEL  
54-BM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GE GSM116358.CEL  
26-Paneth-cells-GE GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116350.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318589.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0048\_Thymocyte-related (49 nodes)

1,041.8  
987  
832.2  
877.3  
822.5  
767.7  
712.8  
658  
603.2  
548.3  
493.5  
438.7  
383.8  
329  
274.2  
219.3  
164.5  
109.7  
54.8  
0



30-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Spleen GSM258671 CELL  
 115-Spleen GSM258670 CELL  
 114-Spleen GSM258669 CELL  
 113-Neuro2a GSM241898 CELL  
 112-Neuro2a GSM241897 CELL  
 111-Astrocytes GSM241896 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258665 CELL  
 105-Bruce4 GSM258664 CELL  
 104-C2C12 GSM258663 CELL  
 103-C2C12 GSM258662 CELL  
 102-NH3T3 GSM258730 CELL  
 101-NH3T3 GSM258729 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258773 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258744 CELL  
 64-Microglia GSM258721 CELL  
 63-Microglia GSM258721 CELL  
 62-MM-LPS-7h GSM268706 CELL  
 61-MM-LPS-7h GSM268706 CELL  
 60-MM-LPS-7h GSM268705 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Ismacryoid-DC GSM258650 CELL  
 52-Ismacryoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258668 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-CMP GSM258642 CELL  
 34-MIEP GSM258770 CELL  
 33-MIEP GSM258770 CELL  
 32-HESC GSM258770 CELL  
 31-HESC GSM258770 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM480375 CELL  
 20-Colon-Crypt GSM480374 CELL  
 19-Colon-Vill GSM480363 CELL  
 18-Colon-Vill GSM480362 CELL  
 17-Colon-IEC-GE GSM349880 CELL  
 16-Colon-IEC-GE GSM350375 CELL  
 15-Ileum-IEC-TGF GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002901 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-w-M-cells GSM190794 CELL  
 5-CT-y-M-cells GSM190793 CELL  
 4-CT-y-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0049\_intestine-related (48 nodes)

2,347.5  
2,224  
2,100.4  
1,978.9  
1,853.3  
1,729.8  
1,606.2  
1,482.7  
1,359.1  
1,235.5  
1,112  
988.4  
864.9  
741.3  
617.8  
494.2  
370.7  
247.1  
123.6  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-V-M-cells\_GSM190792.CEL  
 05-CT-V-M-cells\_GSM190793.CEL  
 06-CT-V-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMP-EP001001.CEL  
 11-FAE-RMP-EP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC-GF\_GSM350371.CEL  
 15-Ileum-IEC-GF\_GSM350375.CEL  
 16-Colon-IEC-GF\_GSM349880.CEL  
 17-Colon-VIII-GSM480362.CEL  
 18-Colon-VIII-GSM480363.CEL  
 19-Colon-VIII-GSM480364.CEL  
 20-Colon-Crypt-GSM480374.CEL  
 21-Colon-Crypt-GSM480375.CEL  
 22-Paneth-cells-GSM318589.CEL  
 23-Paneth-cells-GSM318590.CEL  
 24-Paneth-cells-GSM116359.CEL  
 25-Paneth-cells-GSM116359.CEL  
 26-Paneth-cells-GF-1-GSM116357.CEL  
 27-Paneth-cells-GF-1-GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC-GSM258770.CEL  
 31-HSC-GSM258770.CEL  
 32-MEP-GSM258771.CEL  
 33-MEP-GSM258771.CEL  
 34-MEP-GSM258864.CEL  
 35-MEP-GSM258864.CEL  
 36-MEP-GSM258864.CEL  
 37-MEP-GSM258864.CEL  
 38-MEP-GSM258864.CEL  
 39-Granulocytes\_GSM258867.CEL  
 40-Granulocytes\_GSM258867.CEL  
 41-Mast-cells-GSM258712.CEL  
 42-Mast-cells-GSM258712.CEL  
 43-Mast-cells-IdU+Ad-GSM258714.CEL  
 44-Mast-cells-IdU+Ad-GSM258714.CEL  
 45-Mast-cells-IdU+Ad-GSM258719.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h-GSM258700.CEL  
 57-BMM-LPS-6h-GSM258700.CEL  
 58-BMM-LPS-7h-GSM258705.CEL  
 59-BMM-LPS-7h-GSM258705.CEL  
 60-Microglia\_GSM258721.CEL  
 61-Microglia\_GSM258721.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Osteoclasts\_GSM258743.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Thymocyte-DN\_GSM465595.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258773.CEL  
 69-T-cells-CD8+GSM258775.CEL  
 70-T-cells-CD8+GSM258775.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-Tregs\_GSM258819.CEL  
 74-BAF3\_GSM258820.CEL  
 75-BAF3\_GSM258820.CEL  
 76-MZ-Bcell\_GSM258822.CEL  
 77-Follicular-Bcells\_GSM258853.CEL  
 78-Follicular-Bcells\_GSM258853.CEL  
 79-Follicular-Bcells\_GSM258853.CEL  
 80-L-Y-RMLNDC002001.CEL  
 81-L-Y-RMLNDC003001.CEL  
 82-L-Y-RMLNDC003001.CEL  
 83-L-Y-RMLNDC003001.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-Lymph-endo-cells\_GSM143704.CEL  
 86-Lymph-endo-cells\_GSM143704.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465593.CEL  
 89-Nat Helper cell\_GSM465593.CEL  
 90-Chondrocytes\_GSM258741.CEL  
 91-Chondrocytes\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d5\_GSM258742.CEL  
 94-Osteoblast-d14\_GSM258737.CEL  
 95-Osteoblast-d21\_GSM258738.CEL  
 96-Osteoblast-d21\_GSM258738.CEL  
 97-Osteoblast-d21\_GSM258631.CEL  
 98-Osteoblast-d21\_GSM258631.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258829.CEL  
 104-C2C12\_GSM258829.CEL  
 105-Bruce4\_GSM258866.CEL  
 106-Bruce4\_GSM258866.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258767.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258677.CEL  
 121-Intestine-large\_GSM258677.CEL  
 122-Intestine-large\_GSM258677.CEL  
 123-Colon-d4-GSM198810.CEL  
 124-Colon-d4-GSM198810.CEL  
 125-Colon-d9-GSM198810.CEL  
 126-Colon-d9-GSM198810.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289408.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0050\_House keeping-mitochondrion (46 nodes)

4,308.2  
4,081.4  
3,854.7  
3,627.9  
3,401.2  
3,174.4  
2,947.7  
2,720.9  
2,494.2  
2,267.4  
2,040.7  
1,814  
1,587.2  
1,360.5  
1,133.7  
907  
680.2  
453.5  
228.7  
0

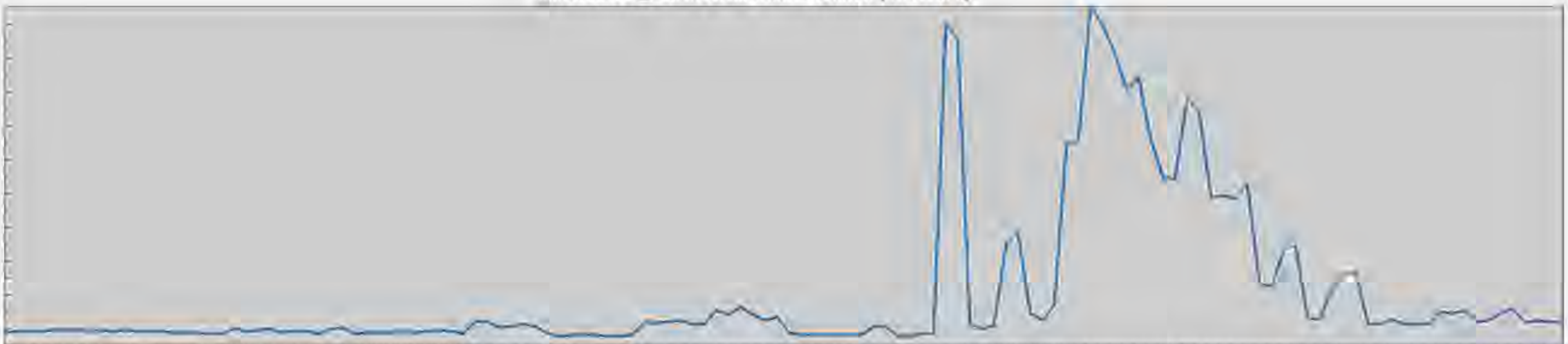


130- NALT GSM289411.CEL  
129- NALT GSM289410.CEL  
128- NALT GSM289409.CEL  
127- NALT GSM289408.CEL  
126- Colon-d9 GSM1988105.CEL  
125- Colon-d9 GSM1988104.CEL  
124- Colon-d9 GSM1988103.CEL  
123- Colon-d4 GSM1988102.CEL  
122- Colon-d4 GSM1988101.CEL  
121- Intestine-large GSM258676.CEL  
120- Intestine-large GSM258675.CEL  
119- Intestine-small GSM258678.CEL  
118- Intestine-small GSM258692.CEL  
117- Lymph-nodes GSM258691.CEL  
116- Lymph-nodes GSM258726.CEL  
115- Spleen GSM258768.CEL  
114- Spleen GSM258767.CEL  
113- Neuro2a GSM258728.CEL  
112- Neuro2a GSM258727.CEL  
111- Astrocytes GSM241898.CEL  
110- mimg GSM258726.CEL  
109- mimg GSM258725.CEL  
108- MIMCD3 GSM258724.CEL  
107- MIMCD3 GSM258723.CEL  
106- Bruce4 GSM258656.CEL  
105- Bruce4 GSM258655.CEL  
104- C2C12 GSM258690.CEL  
103- C2C12 GSM258689.CEL  
102- NIH3T3 GSM258730.CEL  
101- NIH3T3 GSM258729.CEL  
99- 3T3-L1 GSM258610.CEL  
98- 3T3-L1 GSM258609.CEL  
97- 10T12 GSM258632.CEL  
96- Osteoblast-d21 GSM258740.CEL  
95- Osteoblast-d21 GSM258739.CEL  
94- Osteoblast-d14 GSM258738.CEL  
93- Osteoblast-d14 GSM258737.CEL  
92- Osteoblast-d5 GSM258742.CEL  
91- Osteoblast-d5 GSM258741.CEL  
90- Chondrocytes GSM266741.CEL  
89- Chondrocytes GSM266740.CEL  
88- Nat Helper cell GSM465594.CEL  
87- Nat Helper cell GSM465593.CEL  
86- Tt cell GSM465596.CEL  
85- MS-1 GSM234692.CEL  
84- Lymph-endo-cells GSM143704.CEL  
83- PP-FDC GSM481977.CEL  
82- PP-FDC GSM481978.CEL  
81- PP-FDC GSM481976.CEL  
80- FLY RMLNDCC003001.CEL  
79- FLY RMLNDCC003001.CEL  
78- Follicular-Bcells GSM258664.CEL  
77- MZ-Bcell GSM258627.CEL  
76- MZ-Bcell GSM258627.CEL  
75- BAF3 GSM258620.CEL  
74- BAF3 GSM258619.CEL  
73- Tregs GSM258778.CEL  
72- Tregs GSM258777.CEL  
71- T-cells-CD8+ GSM258776.CEL  
70- T-cells-CD8+ GSM258775.CEL  
69- T-cells-CD4+ GSM258774.CEL  
68- T-cells-CD4+ GSM258773.CEL  
67- Thymocyte-DN GSM465595.CEL  
66- Osteoclasts GSM258744.CEL  
65- Osteoclasts GSM258743.CEL  
64- Microglia GSM258721.CEL  
63- Microglia GSM258721.CEL  
62- PMS-7h GSM268706.CEL  
61- PMS-7h GSM268705.CEL  
60- PMS-6h GSM258702.CEL  
59- PMS-6h GSM258701.CEL  
58- BMM-LPS-6h GSM258699.CEL  
57- BMM-LPS-6h GSM258699.CEL  
56- BMM-LPS-6h GSM258699.CEL  
55- BMM-LPS-6h GSM258699.CEL  
54- BMM-LPS-6h GSM258699.CEL  
53- BMM-LPS-6h GSM258699.CEL  
52- BMM-LPS-6h GSM258699.CEL  
51- BMM-LPS-6h GSM258699.CEL  
50- CD8a-DC GSM258647.CEL  
49- CD8a-DC GSM258647.CEL  
48- CD8a+DC GSM258646.CEL  
47- NK-cells GSM258732.CEL  
46- NK-cells GSM258731.CEL  
45- Mast-cells-IgE+Ad GSM258718.CEL  
44- Mast-cells-IgE+Ad GSM258717.CEL  
43- Mast-cells-IgE GSM258714.CEL  
42- Mast-cells-IgE GSM258713.CEL  
41- Mast-cells GSM258712.CEL  
40- Mast-cells GSM258711.CEL  
39- Granulocytes GSM258668.CEL  
38- Granulocytes GSM258667.CEL  
37- GMP GSM258666.CEL  
36- GMP GSM258665.CEL  
35- GMP GSM258664.CEL  
34- GMP GSM258664.CEL  
33- MIEP GSM258720.CEL  
32- MIEP GSM258719.CEL  
31- H9C GSM258770.CEL  
30- H9C GSM258769.CEL  
29- Bone marrow GSM258628.CEL  
28- Bone marrow GSM258627.CEL  
27- paneth-cells-GE GSM116358.CEL  
26- paneth-cells-GE GSM116357.CEL  
25- paneth-cells GSM116350.CEL  
24- paneth-cells GSM116359.CEL  
23- paneth-cells GSM318589.CEL  
22- paneth-cells GSM318590.CEL  
21- Colon-Crypt GSM480375.CEL  
20- Colon-Crypt GSM480374.CEL  
19- Colon-Vill GSM480363.CEL  
18- Colon-Vill GSM480362.CEL  
17- Colon-IEC-GE GSM349880.CEL  
16- Colon-IEC-GE GSM350375.CEL  
15- Ileum-IEC GSM350376.CEL  
14- Ileum-IEC GSM350371.CEL  
13- Small-intestine-epithelium RMINEP002001.CEL  
12- Small-intestine-epithelium RMINEP001001.CEL  
11- FAE RMPYEP002001.CEL  
10- FAE RMPYEP001001.CEL  
09- Ileum-IEC GSM190797.CEL  
08- Ileum-IEC GSM190796.CEL  
07- Ileum-IEC GSM190795.CEL  
06- CT-v-M-cells GSM190794.CEL  
05- CT-v-M-cells GSM190793.CEL  
04- CT-v-M-cells GSM190792.CEL  
03- PP-M-cells GSM190791.CEL  
02- PP-M-cells GSM190790.CEL  
01- PP-M-cells GSM190789.CEL



Cluster0051\_Extracellular matrix-related (42 nodes)

1,709.4  
1,619.5  
1,529.5  
1,439.5  
1,349.6  
1,259.6  
1,169.6  
1,079.7  
989.7  
899.7  
809.7  
719.8  
629.8  
539.8  
449.9  
359.9  
269.9  
179.9  
90  
0

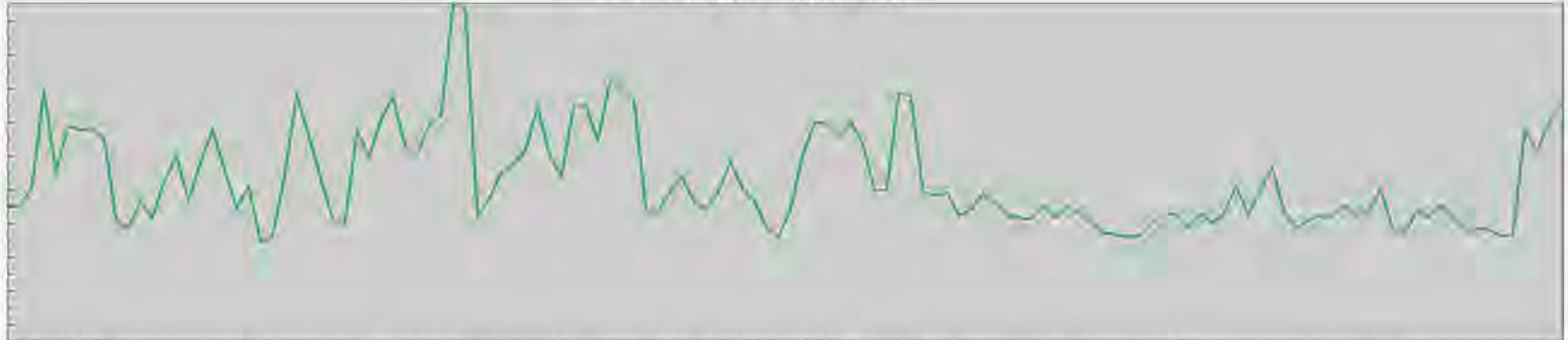


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129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258727.CEL  
112-Neuro2a GSM241898.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-L Y RMLNDCC003001.CEL  
79-L Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258665.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7h GSM258702.CEL  
58-PM-M-PS-6h GSM258700.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-PM-M-PS-6h GSM258699.CEL  
54-PM-M-PS-6h GSM258699.CEL  
53-PM-M-PS-6h GSM258699.CEL  
52-PM-M-PS-6h GSM258699.CEL  
51-PM-M-PS-6h GSM258699.CEL  
50-PM-M-PS-6h GSM258699.CEL  
49-PM-M-PS-6h GSM258699.CEL  
48-PM-M-PS-6h GSM258699.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Mast-cells GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258666.CEL  
34-GMP GSM258666.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258720.CEL  
31-MEP GSM258720.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0052\_Uncertain (42 nodes)

100.5  
95.2  
89.9  
84.6  
79.3  
74  
68.7  
63.5  
58.2  
52.9  
47.6  
42.3  
37  
31.7  
26.4  
21.2  
15.9  
10.6  
5.3  
0

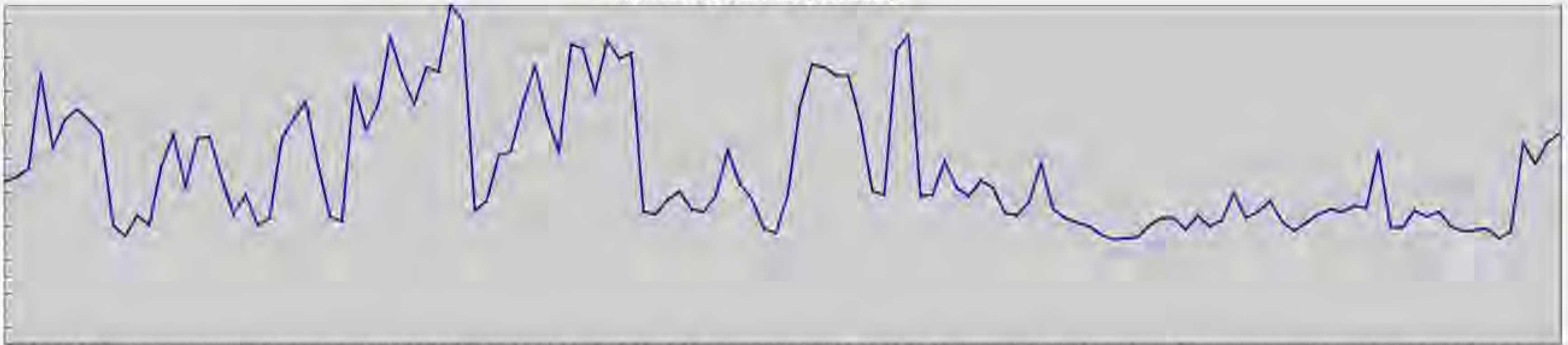


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258768.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258632.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258665.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells CD8+ GSM258776.CEL  
69-T-cells CD8+ GSM258775.CEL  
68-T-cells CD4+ GSM258774.CEL  
67-T-cells CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258705.CEL  
60-MM-LPS-6h GSM258702.CEL  
59-MM-LPS-6h GSM258701.CEL  
58-MM-LPS-6h GSM258699.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258694.CEL  
55-MM-LPS-6h GSM258694.CEL  
54-Plasmacytoid-DC GSM258650.CEL  
53-Plasmacytoid-DC GSM258649.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a+DC GSM258646.CEL  
49-CD8a+DC GSM258645.CEL  
48-NK-cells GSM258732.CEL  
47-NK-cells GSM258731.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258667.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258664.CEL  
34-MEP GSM258720.CEL  
33-MEP GSM258719.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF-1 GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116350.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0053\_Uncertain (42 nodes)

111.2  
105.3  
99.5  
93.6  
87.8  
81.9  
76.1  
70.2  
64.4  
58.5  
52.7  
46.8  
41  
35.1  
29.3  
23.4  
17.6  
11.7  
5.9  
0

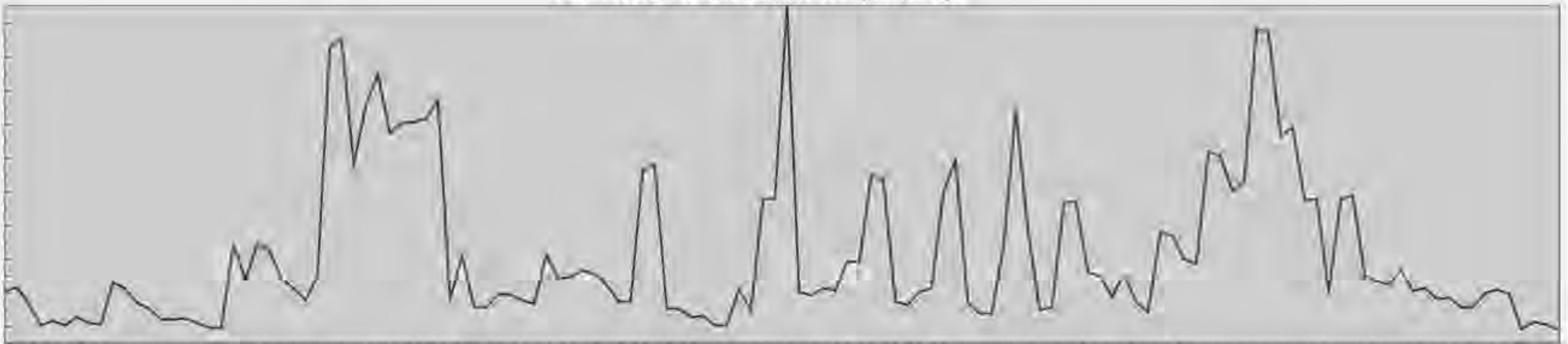


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
99-10T12 GSM258631.CEL  
98-10T12 GSM258631.CEL  
97-Osteoblast-d21 GSM258740.CEL  
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95-Osteoblast-d14 GSM258738.CEL  
94-Osteoblast-d14 GSM258737.CEL  
93-Osteoblast-d5 GSM258742.CEL  
92-Osteoblast-d5 GSM258741.CEL  
91-Chondrocytes GSM266741.CEL  
90-Chondrocytes GSM266740.CEL  
89-Nat Helper cell GSM465594.CEL  
88-Nat Helper cell GSM465593.CEL  
87-LT cell GSM465596.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258627.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7h GSM258702.CEL  
58-PM-M-PS-6h GSM258700.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-BMM GSM258694.CEL  
54-BMM GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0054\_House keeping-nucleus (40 nodes)

1,315.9  
1,246.6  
1,177.4  
1,108.1  
1,038.9  
969.6  
900.3  
831.1  
761.8  
692.6  
623.3  
554.1  
484.8  
415.5  
346.3  
277  
207.8  
138.5  
69.3  
0



0 PP-M-cells GSM190789.CEL  
1 PP-M-cells GSM190790.CEL  
2 PP-M-cells GSM190791.CEL  
3 PP-M-cells GSM190792.CEL  
4 CT-V-M-cells GSM190793.CEL  
5 CT-V-M-cells GSM190794.CEL  
6 CT-V-M-cells GSM190795.CEL  
7 Ileum-IEC GSM190796.CEL  
8 Ileum-IEC GSM190797.CEL  
9 Ileum-IEC GSM190798.CEL  
10 FAE-RMPYEP001001.CEL  
11 FAE-RMPYEP002001.CEL  
12 SmallIntestine-epithelium\_RMINEP001001.CEL  
13 SmallIntestine-epithelium\_RMINEP002001.CEL  
14 Ileum-IEC GSM350371.CEL  
15 Colon-IEC-Gf GSM350375.CEL  
16 Colon-VIII GSM480362.CEL  
17 Colon-VIII GSM480363.CEL  
18 Colon-VIII GSM480364.CEL  
19 Colon-Crypt GSM480374.CEL  
20 Colon-Crypt GSM480375.CEL  
21 Paneth-cells GSM480376.CEL  
22 Paneth-cells GSM318589.CEL  
23 Paneth-cells GSM318590.CEL  
24 Paneth-cells GSM116350.CEL  
25 Paneth-cells GSM116351.CEL  
26 Paneth-cells-Gf GSM116357.CEL  
27 Paneth-cells-Gf GSM116358.CEL  
28 Bone marrow GSM258627.CEL  
29 Bone marrow GSM258628.CEL  
30 HSC GSM258770.CEL  
31 HSC GSM258771.CEL  
32 MIEP GSM258772.CEL  
33 MIEP GSM258773.CEL  
34 MIEP GSM258774.CEL  
35 MIEP GSM258775.CEL  
36 MIEP GSM258776.CEL  
37 MIEP GSM258777.CEL  
38 Granulocytes GSM258667.CEL  
39 Granulocytes GSM258668.CEL  
40 Mast-cells GSM258712.CEL  
41 Mast-cells GSM258713.CEL  
42 Mast-cells-Gf GSM258714.CEL  
43 Mast-cells-Gf GSM258715.CEL  
44 Mast-cells-IgE+Ad GSM258719.CEL  
45 Mast-cells-IgE+Ad GSM258720.CEL  
46 NK-cells GSM258731.CEL  
47 NK-cells GSM258732.CEL  
48 CD8a+DC GSM258646.CEL  
49 CD8a+DC GSM258647.CEL  
50 CD8a-DC GSM258647.CEL  
51 CD8a-DC GSM258647.CEL  
52 Plasmacytoid-DC GSM258649.CEL  
53 Plasmacytoid-DC GSM258649.CEL  
54 BMM-GSM258694.CEL  
55 BMM-GSM258694.CEL  
56 BMM-LPS-Gf GSM258700.CEL  
57 BMM-LPS-Gf GSM258700.CEL  
58 P-MM-LPS-7h GSM258702.CEL  
59 P-MM-LPS-7h GSM258702.CEL  
60 P-MM-LPS-7h GSM258706.CEL  
61 P-MM-LPS-7h GSM258706.CEL  
62 Microglia GSM258721.CEL  
63 Microglia GSM258721.CEL  
64 Osteoclasts GSM258743.CEL  
65 Osteoclasts GSM258744.CEL  
66 Thymocyte-DN GSM465595.CEL  
67 T-cells-CD4+ GSM258773.CEL  
68 T-cells-CD4+ GSM258773.CEL  
69 T-cells-CD8+ GSM258774.CEL  
70 T-cells-CD8+ GSM258774.CEL  
71 Tregs GSM258778.CEL  
72 Tregs GSM258778.CEL  
73 BAF3 GSM258619.CEL  
74 BAF3 GSM258620.CEL  
75 MZ-Bcell GSM258621.CEL  
76 MZ-Bcell GSM258621.CEL  
77 Follicular-Bcells GSM258664.CEL  
78 Follicular-Bcells GSM258664.CEL  
79 E-L-Y-RMLNDC002001.CEL  
80 E-L-Y-RMLNDC003001.CEL  
81 PP-FDC GSM481976.CEL  
82 PP-FDC GSM481978.CEL  
83 PP-FDC GSM481977.CEL  
84 Lymph-endo-cells GSM143704.CEL  
85 MS-1 GSM234692.CEL  
86 Tt cell GSM465596.CEL  
87 Nat Helper cell GSM465593.CEL  
88 Nat Helper cell GSM465594.CEL  
89 Chondrocytes GSM266741.CEL  
90 Chondrocytes GSM266741.CEL  
91 Osteoblast-d5 GSM258741.CEL  
92 Osteoblast-d5 GSM258742.CEL  
93 Osteoblast-d14 GSM258737.CEL  
94 Osteoblast-d14 GSM258738.CEL  
95 Osteoblast-d21 GSM258740.CEL  
96 Osteoblast-d21 GSM258739.CEL  
97 OT12 GSM258631.CEL  
98 OT12 GSM258632.CEL  
99 T3-L1 GSM258609.CEL  
100 T3-L1 GSM258610.CEL  
101 NH3T3 GSM258729.CEL  
102 NH3T3 GSM258730.CEL  
103 C2C12 GSM258829.CEL  
104 C2C12 GSM258830.CEL  
105 Bruce4 GSM258866.CEL  
106 Bruce4 GSM258866.CEL  
107 MIMCD3 GSM258723.CEL  
108 MIMCD3 GSM258723.CEL  
109 mimb-GSM258725.CEL  
110 mimb-GSM258726.CEL  
111 Astrocytes GSM241898.CEL  
112 Astrocytes GSM241898.CEL  
113 Spleen GSM258767.CEL  
114 Spleen GSM258767.CEL  
115 Spleen GSM258768.CEL  
116 Spleen GSM258768.CEL  
117 Lymph-nodes GSM258691.CEL  
118 Lymph-nodes GSM258692.CEL  
119 Intestine-small GSM258677.CEL  
120 Intestine-large GSM258677.CEL  
121 Intestine-large GSM258676.CEL  
122 Intestine-large GSM258675.CEL  
123 Colon-d4 GSM198810.CEL  
124 Colon-d4 GSM198810.CEL  
125 Colon-d9 GSM198810.CEL  
126 Colon-d9 GSM198810.CEL  
127 NALT GSM289408.CEL  
128 NALT GSM289409.CEL  
129 NALT GSM289410.CEL  
130 NALT GSM289411.CEL



Cluster0055\_Intestinal chemosensory- and neuroendocrine cell-related (38 nodes)

1,206.2  
1,142.7  
1,079.2  
1,015.7  
952.2  
888.8  
826.3  
761.8  
698.3  
634.8  
571.3  
507.9  
444.4  
380.9  
317.4  
253.9  
190.4  
127  
63.5  
0

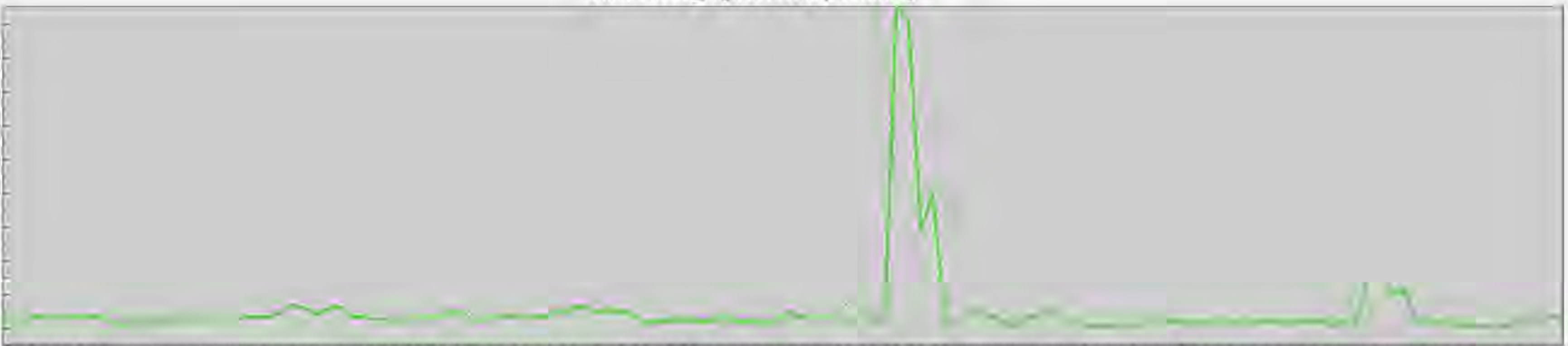


01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Colon-IEC	GSM350375	CEL
16	Colon-Vill	GSM480362	cel
17	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	NALT	GSM289411	CEL
31	NALT	GSM289410	CEL
32	NALT	GSM289409	CEL
33	NALT	GSM289408	CEL
34	Colon-d9	GSM198810	CEL
35	Colon-d9	GSM198810	CEL
36	Colon-d9	GSM198810	CEL
37	Colon-d4	GSM198810	CEL
38	Colon-d4	GSM198810	CEL
39	Intestine-large	GSM258676	CEL
40	Intestine-large	GSM258677	CEL
41	Intestine-small	GSM258678	CEL
42	Intestine-small	GSM258679	CEL
43	Lymph-nodes	GSM258680	CEL
44	Lymph-nodes	GSM258681	CEL
45	Spleen	GSM258682	CEL
46	Spleen	GSM258683	CEL
47	Neuro2a	GSM241898	CEL
48	Neuro2a	GSM241898	CEL
49	Astrocytes	GSM241898	CEL
50	mim6	GSM258726	CEL
51	mim6	GSM258727	CEL
52	mim6	GSM258728	CEL
53	MIMCD3	GSM258729	CEL
54	MIMCD3	GSM258730	CEL
55	MIMCD3	GSM258731	CEL
56	MIMCD3	GSM258732	CEL
57	MIMCD3	GSM258733	CEL
58	MIMCD3	GSM258734	CEL
59	MIMCD3	GSM258735	CEL
60	MIMCD3	GSM258736	CEL
61	MIMCD3	GSM258737	CEL
62	MIMCD3	GSM258738	CEL
63	MIMCD3	GSM258739	CEL
64	MIMCD3	GSM258740	CEL
65	MIMCD3	GSM258741	CEL
66	MIMCD3	GSM258742	CEL
67	MIMCD3	GSM258743	CEL
68	MIMCD3	GSM258744	CEL
69	MIMCD3	GSM258745	CEL
70	MIMCD3	GSM258746	CEL
71	MIMCD3	GSM258747	CEL
72	MIMCD3	GSM258748	CEL
73	MIMCD3	GSM258749	CEL
74	MIMCD3	GSM258750	CEL
75	MIMCD3	GSM258751	CEL
76	MIMCD3	GSM258752	CEL
77	MIMCD3	GSM258753	CEL
78	MIMCD3	GSM258754	CEL
79	MIMCD3	GSM258755	CEL
80	MIMCD3	GSM258756	CEL
81	MIMCD3	GSM258757	CEL
82	MIMCD3	GSM258758	CEL
83	MIMCD3	GSM258759	CEL
84	MIMCD3	GSM258760	CEL
85	MIMCD3	GSM258761	CEL
86	MIMCD3	GSM258762	CEL
87	MIMCD3	GSM258763	CEL
88	MIMCD3	GSM258764	CEL
89	MIMCD3	GSM258765	CEL
90	MIMCD3	GSM258766	CEL
91	MIMCD3	GSM258767	CEL
92	MIMCD3	GSM258768	CEL
93	MIMCD3	GSM258769	CEL
94	MIMCD3	GSM258770	CEL
95	MIMCD3	GSM258771	CEL
96	MIMCD3	GSM258772	CEL
97	MIMCD3	GSM258773	CEL
98	MIMCD3	GSM258774	CEL
99	MIMCD3	GSM258775	CEL
100	MIMCD3	GSM258776	CEL
101	MIMCD3	GSM258777	CEL
102	MIMCD3	GSM258778	CEL
103	MIMCD3	GSM258779	CEL
104	MIMCD3	GSM258780	CEL
105	MIMCD3	GSM258781	CEL
106	MIMCD3	GSM258782	CEL
107	MIMCD3	GSM258783	CEL
108	MIMCD3	GSM258784	CEL
109	MIMCD3	GSM258785	CEL
110	MIMCD3	GSM258786	CEL
111	MIMCD3	GSM258787	CEL
112	MIMCD3	GSM258788	CEL
113	MIMCD3	GSM258789	CEL
114	MIMCD3	GSM258790	CEL
115	MIMCD3	GSM258791	CEL
116	MIMCD3	GSM258792	CEL
117	MIMCD3	GSM258793	CEL
118	MIMCD3	GSM258794	CEL
119	MIMCD3	GSM258795	CEL
120	MIMCD3	GSM258796	CEL
121	MIMCD3	GSM258797	CEL
122	MIMCD3	GSM258798	CEL
123	MIMCD3	GSM258799	CEL
124	MIMCD3	GSM258800	CEL
125	MIMCD3	GSM258801	CEL
126	MIMCD3	GSM258802	CEL
127	MIMCD3	GSM258803	CEL
128	MIMCD3	GSM258804	CEL
129	MIMCD3	GSM258805	CEL
130	MIMCD3	GSM258806	CEL



Cluster0056\_High in B cells (37 nodes)

345.5  
327.4  
309.2  
291  
272.8  
254.6  
236.4  
218.2  
200.1  
181.9  
163.7  
145.5  
127.3  
109.1  
90.9  
72.7  
54.6  
36.4  
18.2  
0



130-NALT GSM289411 CEL  
 129-NALT GSM289410 CEL  
 128-NALT GSM289409 CEL  
 127-NALT GSM289408 CEL  
 126-Colon-d9 GSM1988105 CEL  
 125-Colon-d9 GSM1988104 CEL  
 124-Colon-d9 GSM1988103 CEL  
 123-Colon-d4 GSM1988102 CEL  
 122-Colon-d4 GSM1988101 CEL  
 121-Intestine-large GSM258676 CEL  
 120-Intestine-large GSM258675 CEL  
 119-Intestine-small GSM258674 CEL  
 118-Intestine-small GSM258673 CEL  
 117-Lymph-nodes GSM258672 CEL  
 116-Lymph-nodes GSM258671 CEL  
 115-Spleen GSM258767 CEL  
 114-Spleen GSM258766 CEL  
 113-Neuro2a GSM258727 CEL  
 112-Neuro2a GSM258726 CEL  
 111-Astrocytes GSM241898 CEL  
 110-mim6 GSM258725 CEL  
 109-mim6 GSM258724 CEL  
 108-MIMCD3 GSM258723 CEL  
 107-MIMCD3 GSM258722 CEL  
 106-Bruce4 GSM258665 CEL  
 105-Bruce4 GSM258664 CEL  
 104-C2C12 GSM258690 CEL  
 103-C2C12 GSM258689 CEL  
 102-NH3T3 GSM258730 CEL  
 101-NH3T3 GSM258729 CEL  
 100-3T3-L1 GSM258610 CEL  
 99-3T3-L1 GSM258609 CEL  
 98-10T12 GSM258632 CEL  
 97-10T12 GSM258631 CEL  
 96-Osteoblast-d21 GSM258740 CEL  
 95-Osteoblast-d21 GSM258739 CEL  
 94-Osteoblast-d14 GSM258738 CEL  
 93-Osteoblast-d14 GSM258737 CEL  
 92-Osteoblast-d5 GSM258742 CEL  
 91-Osteoblast-d5 GSM258741 CEL  
 90-Chondrocytes GSM266741 CEL  
 89-Chondrocytes GSM266740 CEL  
 88-Nat Helper cell GSM465594 CEL  
 87-Nat Helper cell GSM465593 CEL  
 86-TT cell GSM465596 CEL  
 85-MS-1 GSM234692 CEL  
 84-Lymph-endo-cells GSM143704 CEL  
 83-PP-FDC GSM481977 CEL  
 82-PP-FDC GSM481978 CEL  
 81-PP-FDC GSM481976 CEL  
 80-D-F-L Y RMLNDCC003001 CEL  
 79-D-F-L Y RMLNDCC003001 CEL  
 78-Follicular-Bcells GSM258664 CEL  
 77-Follicular-Bcells GSM258663 CEL  
 76-MZ-Bcell GSM258622 CEL  
 75-MZ-Bcell GSM258621 CEL  
 74-BAF3 GSM258620 CEL  
 73-BAF3 GSM258619 CEL  
 72-Tregs GSM258778 CEL  
 71-Tregs GSM258777 CEL  
 70-T-cells-CD8+ GSM258776 CEL  
 69-T-cells-CD8+ GSM258774 CEL  
 68-T-cells-CD4+ GSM258773 CEL  
 67-T-cells-CD4+ GSM258773 CEL  
 66-Thymocyte-DN GSM465595 CEL  
 65-Osteoclasts GSM258743 CEL  
 64-Osteoclasts GSM258743 CEL  
 63-Microglia GSM258721 CEL  
 62-Microglia GSM258721 CEL  
 61-MM-LPS-7h GSM268706 CEL  
 60-MM-LPS-7h GSM268705 CEL  
 59-MM-LPS-6h GSM258702 CEL  
 58-MM-LPS-6h GSM258701 CEL  
 57-MM-LPS-6h GSM258699 CEL  
 56-MM-LPS-6h GSM258699 CEL  
 55-MM-LPS-6h GSM258694 CEL  
 54-MM-LPS-6h GSM258694 CEL  
 53-Plasmacytoid-DC GSM258650 CEL  
 52-Plasmacytoid-DC GSM258649 CEL  
 51-CD8a-DC GSM258647 CEL  
 50-CD8a-DC GSM258647 CEL  
 49-CD8a+DC GSM258646 CEL  
 48-CD8a+DC GSM258646 CEL  
 47-NK-cells GSM258732 CEL  
 46-NK-cells GSM258731 CEL  
 45-Mast-cells-IgE+Ad GSM258718 CEL  
 44-Mast-cells-IgE+Ad GSM258717 CEL  
 43-Mast-cells-IgE GSM258714 CEL  
 42-Mast-cells-IgE GSM258713 CEL  
 41-Mast-cells GSM258712 CEL  
 40-Granulocytes GSM258668 CEL  
 39-Granulocytes GSM258667 CEL  
 38-GMP GSM258666 CEL  
 37-GMP GSM258666 CEL  
 36-GMP GSM258666 CEL  
 35-GMP GSM258642 CEL  
 34-GMP GSM258642 CEL  
 33-MEP GSM258720 CEL  
 32-MEP GSM258719 CEL  
 31-HESC GSM258770 CEL  
 30-HESC GSM258769 CEL  
 29-Bone marrow GSM258628 CEL  
 28-Bone marrow GSM258627 CEL  
 27-paneth-cells-GE GSM116358 CEL  
 26-paneth-cells-GE GSM116357 CEL  
 25-paneth-cells GSM116350 CEL  
 24-paneth-cells GSM116359 CEL  
 23-paneth-cells GSM318589 CEL  
 22-paneth-cells GSM318590 CEL  
 21-Colon-Crypt GSM480375 cel  
 20-Colon-Crypt GSM480374 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-GE GSM349880 CEL  
 16-Colon-IEC-GE GSM350375 CEL  
 15-Ileum-IEC-GE GSM350376 CEL  
 14-Ileum-IEC GSM350371 CEL  
 13-Small-intestine-epithelium RMINEP002001 CEL  
 12-Small-intestine-epithelium RMINEP001001 CEL  
 11-FAE-RMPYEP002001 CEL  
 10-FAE-RMPYEP001001 CEL  
 09-Ileum-IEC GSM190797 CEL  
 08-Ileum-IEC GSM190796 CEL  
 07-Ileum-IEC GSM190795 CEL  
 06-CT-v-M-cells GSM190794 CEL  
 05-CT-v-M-cells GSM190793 CEL  
 04-PP-M-cells GSM190792 CEL  
 03-PP-M-cells GSM190791 CEL  
 02-PP-M-cells GSM190790 CEL  
 01-PP-M-cells GSM190789 CEL



Cluster0057\_High in colonic villi (35 nodes)

1,672.5  
1,584.4  
1,496.4  
1,408.4  
1,320.4  
1,232.3  
1,144.3  
1,056.3  
968.3  
880.2  
792.2  
704.2  
616.2  
528.1  
440.1  
352.1  
264.1  
176  
88  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-Y-M-cells\_GSM190792.CEL  
 05-CT-Y-M-cells\_GSM190793.CEL  
 06-CT-W-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Color-Villi\_GSM480362.CEL  
 17-Color-Villi\_GSM480363.CEL  
 18-Color-Villi\_GSM480364.CEL  
 19-Color-Villi\_GSM480365.CEL  
 20-Color-Crypt\_GSM480374.CEL  
 21-Color-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells\_GSM116359.CEL  
 27-Paneth-cells\_GSM116357.CEL  
 28-Paneth-cells\_GSM116357.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-CMP\_GSM258642.CEL  
 36-CMP\_GSM258642.CEL  
 37-GMP\_GSM258665.CEL  
 38-GMP\_GSM258665.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Granulocytes\_GSM258667.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells\_GSM258712.CEL  
 43-Mast-cells-IdU+Ad\_GSM258714.CEL  
 44-Mast-cells-IdU+Ad\_GSM258714.CEL  
 45-Mast-cells-IdU+Ad\_GSM258719.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-CD8a-DC\_GSM258647.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BM-M-PS-6h\_GSM258694.CEL  
 55-BM-M-PS-6h\_GSM258694.CEL  
 56-BM-M-PS-6h\_GSM258699.CEL  
 57-BM-M-PS-6h\_GSM258699.CEL  
 58-BM-M-PS-7h\_GSM258702.CEL  
 59-BM-M-PS-7h\_GSM258702.CEL  
 60-BM-M-PS-7h\_GSM258705.CEL  
 61-BM-M-PS-7h\_GSM258705.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258773.CEL  
 69-T-cells-CD8+GSM258776.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258620.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258622.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-E-L-Y-RMLNDC002001.CEL  
 80-E-L-Y-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481978.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-Nat Helper cell\_GSM465593.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258741.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258737.CEL  
 95-Osteoblast-d21\_GSM258738.CEL  
 96-Osteoblast-d21\_GSM258738.CEL  
 97-10T12\_GSM258632.CEL  
 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258629.CEL  
 105-Bruce4\_GSM258690.CEL  
 106-Bruce4\_GSM258690.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Lymph-nodes\_GSM258691.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258675.CEL  
 122-Intestine-large\_GSM258675.CEL  
 123-Intestine-large\_GSM258675.CEL  
 124-Intestine-large\_GSM258675.CEL  
 125-Intestine-large\_GSM258675.CEL  
 126-Intestine-large\_GSM258675.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289408.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL  
 131-Intestine-large\_GSM258675.CEL  
 132-Intestine-large\_GSM258675.CEL  
 133-Intestine-large\_GSM258675.CEL  
 134-Intestine-large\_GSM258675.CEL  
 135-Intestine-large\_GSM258675.CEL







Cluster0059\_Large intestine-related (34 nodes)

1,929.9  
1,828.3  
1,726.7  
1,625.1  
1,523.6  
1,422  
1,320.4  
1,218.9  
1,117.3  
1,015.7  
914.1  
812.6  
711  
609.4  
507.9  
406.3  
304.7  
203.1  
101.6  
0



130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258677 CELL  
 118-Intestine-small GSM258692 CELL  
 117-Lymph-nodes GSM258691 CELL  
 116-Lymph-nodes GSM258726 CELL  
 115-Spleen GSM258766 CELL  
 114-Spleen GSM258767 CELL  
 113-Neuro2a GSM258728 CELL  
 112-Neuro2a GSM258727 CELL  
 111-Astrocytes GSM241898 CELL  
 110-mimb GSM258725 CELL  
 109-mimb GSM258724 CELL  
 108-MIMCD3 GSM258723 CELL  
 107-MIMCD3 GSM258722 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258655 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258730 CELL  
 101-NH3T3 GSM258729 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-PP-FDC GSM481977 CELL  
 82-PP-FDC GSM481978 CELL  
 81-PP-FDC GSM481976 CELL  
 80-D-LY RMLNDCC003001 CELL  
 79-E-LY RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258622 CELL  
 75-MZ-Bcell GSM258621 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Microglia GSM258721 CELL  
 63-Microglia GSM258721 CELL  
 62-MM-LPS-7h GSM268706 CELL  
 61-MM-LPS-7h GSM268705 CELL  
 60-MM-LPS-6h GSM258702 CELL  
 59-MM-LPS-6h GSM258701 CELL  
 58-MM-LPS-6h GSM258699 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258694 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Plasmacytoid-DC GSM258650 CELL  
 52-Plasmacytoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258645 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258668 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-GMP GSM258642 CELL  
 34-MIEP GSM258641 CELL  
 33-MIEP GSM258641 CELL  
 32-MIEP GSM258720 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258769 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM480375 CELL  
 20-Colon-Crypt GSM480374 CELL  
 19-Colon-Vill GSM480363 CELL  
 18-Colon-Vill GSM480362 CELL  
 17-Colon-IEC-Gf GSM349880 CELL  
 16-Colon-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP002001 CELL  
 10-FAE-RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-v-M-cells GSM190794 CELL  
 5-CT-v-M-cells GSM190793 CELL  
 4-CT-v-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0060\_High in NIH3T3 embronic fibroblasts & C2C12 myoblasts (34 nodes)

1,816.6  
1,721  
1,625.4  
1,529.8  
1,434.1  
1,338.5  
1,242.9  
1,147.3  
1,051.7  
956.1  
860.5  
764.9  
669.3  
573.7  
478  
382.4  
286.8  
191.2  
95.6  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small intestine-epithelium	RMINEP001001	CEL
13	Small intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-VIII	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Paneth-cells	GSM116359	CEL
29	Bone marrow	GSM258627	CEL
30	NALT	GSM289411	CELL
31	NALT	GSM289410	CELL
32	NALT	GSM289409	CELL
33	NALT	GSM289408	CELL
34	Colon-d9	GSM198810	CELL
35	Colon-d9	GSM198811	CELL
36	Colon-d9	GSM198812	CELL
37	Colon-d4	GSM198813	CELL
38	Colon-d4	GSM198814	CELL
39	Colon-d4	GSM198815	CELL
40	Intestine-large	GSM258675	CEL
41	Intestine-large	GSM258676	CEL
42	Intestine-small	GSM258677	CEL
43	Intestine-small	GSM258678	CEL
44	Spleen	GSM258679	CEL
45	Spleen	GSM258680	CEL
46	Spleen	GSM258681	CEL
47	Lymph-nodes	GSM258682	CEL
48	Lymph-nodes	GSM258683	CEL
49	Lymph-nodes	GSM258684	CEL
50	min6	GSM258685	CEL
51	min6	GSM258686	CEL
52	min6	GSM258687	CEL
53	MIMCD3	GSM258688	CEL
54	MIMCD3	GSM258689	CEL
55	MIMCD3	GSM258690	CEL
56	Bruce4	GSM258691	CEL
57	Bruce4	GSM258692	CEL
58	Bruce4	GSM258693	CEL
59	Bruce4	GSM258694	CEL
60	C2C12	GSM258695	CEL
61	C2C12	GSM258696	CEL
62	C2C12	GSM258697	CEL
63	C2C12	GSM258698	CEL
64	C2C12	GSM258699	CEL
65	C2C12	GSM258700	CEL
66	C2C12	GSM258701	CEL
67	C2C12	GSM258702	CEL
68	C2C12	GSM258703	CEL
69	C2C12	GSM258704	CEL
70	C2C12	GSM258705	CEL
71	C2C12	GSM258706	CEL
72	C2C12	GSM258707	CEL
73	C2C12	GSM258708	CEL
74	C2C12	GSM258709	CEL
75	C2C12	GSM258710	CEL
76	C2C12	GSM258711	CEL
77	C2C12	GSM258712	CEL
78	C2C12	GSM258713	CEL
79	C2C12	GSM258714	CEL
80	C2C12	GSM258715	CEL
81	C2C12	GSM258716	CEL
82	C2C12	GSM258717	CEL
83	C2C12	GSM258718	CEL
84	C2C12	GSM258719	CEL
85	C2C12	GSM258720	CEL
86	C2C12	GSM258721	CEL
87	C2C12	GSM258722	CEL
88	C2C12	GSM258723	CEL
89	C2C12	GSM258724	CEL
90	C2C12	GSM258725	CEL
91	C2C12	GSM258726	CEL
92	C2C12	GSM258727	CEL
93	C2C12	GSM258728	CEL
94	C2C12	GSM258729	CEL
95	C2C12	GSM258730	CEL
96	C2C12	GSM258731	CEL
97	C2C12	GSM258732	CEL
98	C2C12	GSM258733	CEL
99	C2C12	GSM258734	CEL
100	C2C12	GSM258735	CEL
101	C2C12	GSM258736	CEL
102	C2C12	GSM258737	CEL
103	C2C12	GSM258738	CEL
104	C2C12	GSM258739	CEL
105	C2C12	GSM258740	CEL
106	C2C12	GSM258741	CEL
107	C2C12	GSM258742	CEL
108	C2C12	GSM258743	CEL
109	C2C12	GSM258744	CEL
110	C2C12	GSM258745	CEL
111	C2C12	GSM258746	CEL
112	C2C12	GSM258747	CEL
113	C2C12	GSM258748	CEL
114	C2C12	GSM258749	CEL
115	C2C12	GSM258750	CEL
116	C2C12	GSM258751	CEL
117	C2C12	GSM258752	CEL
118	C2C12	GSM258753	CEL
119	C2C12	GSM258754	CEL
120	C2C12	GSM258755	CEL
121	C2C12	GSM258756	CEL
122	C2C12	GSM258757	CEL
123	C2C12	GSM258758	CEL
124	C2C12	GSM258759	CEL
125	C2C12	GSM258760	CEL
126	C2C12	GSM258761	CEL
127	C2C12	GSM258762	CEL
128	C2C12	GSM258763	CEL
129	C2C12	GSM258764	CEL
130	C2C12	GSM258765	CEL



Cluster0061\_High in CD8+ DC (31 nodes)

547.9  
519.1  
490.3  
461.4  
432.6  
403.7  
374.9  
346.1  
317.2  
288.4  
259.6  
230.7  
201.9  
173  
144.2  
115.4  
86.5  
57.7  
28.8  
0



30	NALT	GSM289411	CEL
29	NALT	GSM289410	CEL
28	NALT	GSM289409	CEL
27	NALT	GSM289408	CEL
26	Color-d9	GSM1988104	CEL
25	Color-d9	GSM1988103	CEL
24	Color-d9	GSM1988102	CEL
23	Color-d4	GSM1988101	CEL
22	Color-d4	GSM1988100	CEL
21	Intestine-large	GSM258676	CEL
20	Intestine-large	GSM258675	CEL
19	Intestine-small	GSM258678	CEL
18	Intestine-small	GSM258677	CEL
17	Lymph-nodes	GSM258691	CEL
16	Spleen	GSM258679	CEL
15	Spleen	GSM258678	CEL
14	Neuro2a	GSM241898	CEL
13	Neuro2a	GSM241897	CEL
12	Astrocytes	GSM241898	CEL
11	ming	GSM258726	CEL
10	ming	GSM258725	CEL
09	ming	GSM258724	CEL
08	MIMCD3	GSM258723	CEL
07	MIMCD3	GSM258722	CEL
06	Bruce4	GSM258656	CEL
05	Bruce4	GSM258655	CEL
04	C2C12	GSM258690	CEL
03	C2C12	GSM258689	CEL
02	NH3T3	GSM258730	CEL
01	NH3T3	GSM258729	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T12	GSM258632	CEL
97	10T12	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	E-LY	RMLNDC003001	CEL
79	E-LY	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258654	CEL
77	Follicular-Bcells	GSM258653	CEL
76	MZ-Bcell	GSM258622	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	Tregs	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD8+	GSM258775	CEL
68	T-cells-CD4+	GSM258774	CEL
67	T-cells-CD4+	GSM258773	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258744	CEL
64	Osteoclasts	GSM258743	CEL
63	Microglia	GSM258721	CEL
62	Microglia	GSM258721	CEL
61	MM-LPS-7h	GSM258706	CEL
60	MM-LPS-7h	GSM258705	CEL
59	MM-LPS-6h	GSM258702	CEL
58	MM-LPS-6h	GSM258701	CEL
57	MM-LPS-6h	GSM258700	CEL
56	MM-LPS-6h	GSM258699	CEL
55	MM-LPS-6h	GSM258694	CEL
54	MM-LPS-6h	GSM258693	CEL
53	Plasmacytoid-DC	GSM258650	CEL
52	CD8a-DC	GSM258649	CEL
51	CD8a-DC	GSM258647	CEL
50	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258645	CEL
48	NK-cells	GSM258732	CEL
47	NK-cells	GSM258731	CEL
46	Mast-cells-IgE+Ad	GSM258718	CEL
45	Mast-cells-IgE+Ad	GSM258717	CEL
44	Mast-cells-IgE	GSM258714	CEL
43	Mast-cells-IgE	GSM258713	CEL
42	Mast-cells	GSM258712	CEL
41	Mast-cells	GSM258711	CEL
40	Granulocytes	GSM258668	CEL
39	Granulocytes	GSM258667	CEL
38	GMP	GSM258666	CEL
37	GMP	GSM258665	CEL
36	GMP	GSM258664	CEL
35	GMP	GSM258663	CEL
34	GMP	GSM258662	CEL
33	MIEP	GSM258672	CEL
32	MIEP	GSM258671	CEL
31	HESC	GSM258770	CEL
30	HESC	GSM258769	CEL
29	Bone marrow	GSM258628	CEL
28	Bone marrow	GSM258627	CEL
27	paneth-cells-GF	GSM116358	CEL
26	paneth-cells-GF	GSM116357	CEL
25	paneth-cells	GSM116350	CEL
24	paneth-cells	GSM116349	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	Ileum-IEC	GSM350376	CEL
14	Ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP002001	CEL
10	FAE	RMPYEP001001	CEL
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	CT-w-M-cells	GSM190794	CEL
05	CT-w-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0062\_Low in some Paneth cells (31 nodes)

100.6  
95.3  
90  
84.7  
79.4  
74.1  
68.8  
63.5  
58.2  
52.9  
47.6  
42.3  
37.1  
31.8  
26.5  
21.2  
15.9  
10.6  
5.3  
0



130-NALT GSM289411 CEL  
 129-NALT GSM289410 CEL  
 128-NALT GSM289409 CEL  
 127-NALT GSM289408 CEL  
 126-Column-d9 GSM1988105 CEL  
 125-Column-d9 GSM1988104 CEL  
 124-Column-d9 GSM1988103 CEL  
 123-Column-d4 GSM1988102 CEL  
 122-Column-d4 GSM1988101 CEL  
 121-Intestine-large GSM258676 CEL  
 120-Intestine-large GSM258675 CEL  
 119-Intestine-small GSM258678 CEL  
 118-Intestine-small GSM258677 CEL  
 117-Lymph-nodes GSM258691 CEL  
 116-Lymph-nodes GSM258690 CEL  
 115-Spleen GSM258728 CEL  
 114-Spleen GSM258727 CEL  
 113-Neuro2a GSM241898 CEL  
 112-Neuro2a GSM241897 CEL  
 111-Astrocytes GSM241898 CEL  
 110-mim6 GSM258726 CEL  
 109-mim6 GSM258725 CEL  
 108-MIMCD3 GSM258724 CEL  
 107-MIMCD3 GSM258723 CEL  
 106-Bruce4 GSM258656 CEL  
 105-Bruce4 GSM258655 CEL  
 104-C2C12 GSM258690 CEL  
 103-C2C12 GSM258689 CEL  
 102-NH3T3 GSM258730 CEL  
 101-NH3T3 GSM258729 CEL  
 100-3T3-L1 GSM258610 CEL  
 99-3T3-L1 GSM258609 CEL  
 98-10T12 GSM258632 CEL  
 97-10T12 GSM258631 CEL  
 96-Osteoblast-d21 GSM258740 CEL  
 95-Osteoblast-d21 GSM258739 CEL  
 94-Osteoblast-d14 GSM258738 CEL  
 93-Osteoblast-d14 GSM258737 CEL  
 92-Osteoblast-d5 GSM258742 CEL  
 91-Osteoblast-d5 GSM258741 CEL  
 90-Chondrocytes GSM266741 CEL  
 89-Chondrocytes GSM266740 CEL  
 88-Nat Helper cell GSM465594 CEL  
 87-Nat Helper cell GSM465593 CEL  
 86-TT cell GSM465596 CEL  
 85-MS-1 GSM234692 CEL  
 84-Lymph-endo-cells GSM143704 CEL  
 83-PP-FDC GSM481977 CEL  
 82-PP-FDC GSM481978 CEL  
 81-PP-FDC GSM481976 CEL  
 80-LY-RMLNDCC003001 CEL  
 79-LY-RMLNDCC003001 CEL  
 78-Follicular-Bcells GSM258664 CEL  
 77-Follicular-Bcells GSM258663 CEL  
 76-MZ-Bcell GSM258627 CEL  
 75-MZ-Bcell GSM258621 CEL  
 74-BAF3 GSM258620 CEL  
 73-BAF3 GSM258619 CEL  
 72-Tregs GSM258778 CEL  
 71-Tregs GSM258777 CEL  
 70-T-cells-CD8+ GSM258776 CEL  
 69-T-cells-CD8+ GSM258774 CEL  
 68-T-cells-CD4+ GSM258773 CEL  
 67-T-cells-CD4+ GSM258773 CEL  
 66-Thymocyte-DN GSM465595 CEL  
 65-Osteoclasts GSM258743 CEL  
 64-Microglia GSM258721 CEL  
 63-Microglia GSM258721 CEL  
 62-MM-LPS-7h GSM268706 CEL  
 61-MM-LPS-7h GSM268705 CEL  
 60-MM-LPS-6h GSM258702 CEL  
 59-MM-LPS-6h GSM258701 CEL  
 58-MM-LPS-6h GSM258699 CEL  
 57-MM-LPS-6h GSM258699 CEL  
 56-MM-LPS-6h GSM258694 CEL  
 55-Plasmacytoid-DC GSM258650 CEL  
 54-Plasmacytoid-DC GSM258649 CEL  
 53-CD8a-DC GSM258647 CEL  
 52-CD8a-DC GSM258647 CEL  
 51-CD8a-DC GSM258646 CEL  
 50-CD8a+DC GSM258646 CEL  
 49-CD8a+DC GSM258646 CEL  
 48-NK-cells GSM258732 CEL  
 47-NK-cells GSM258731 CEL  
 46-Mast-cells-IgE+Ad GSM258719 CEL  
 45-Mast-cells-IgE+Ad GSM258717 CEL  
 44-Mast-cells-IgE GSM258714 CEL  
 43-Mast-cells-IgE GSM258713 CEL  
 42-Mast-cells-IgE GSM258712 CEL  
 41-Mast-cells-IgE GSM258711 CEL  
 40-Granulocytes GSM258668 CEL  
 39-Granulocytes GSM258667 CEL  
 38-GMP GSM258666 CEL  
 37-GMP GSM258665 CEL  
 36-GMP GSM258664 CEL  
 35-GMP GSM258642 CEL  
 34-MEP GSM2588720 CEL  
 33-MEP GSM2588719 CEL  
 32-MEP GSM2588719 CEL  
 31-HESC GSM2588770 CEL  
 30-HESC GSM2588770 CEL  
 29-Bone marrow GSM258628 CEL  
 28-Bone marrow GSM258627 CEL  
 27-Paneth-cells-GF-1 GSM116357 CEL  
 26-Paneth-cells-GF-1 GSM116350 CEL  
 25-Paneth-cells-GF-1 GSM116350 CEL  
 24-Paneth-cells-GF-1 GSM116350 CEL  
 23-Paneth-cells-GF-1 GSM116350 CEL  
 22-Paneth-cells-GF-1 GSM116350 CEL  
 21-Column-Crypt GSM480375 cel  
 20-Column-Crypt GSM480374 cel  
 19-Column-Vill GSM480363 cel  
 18-Column-Vill GSM480362 cel  
 17-Column-IEC-GF GSM349880 CEL  
 16-Column-IEC-GF GSM350375 CEL  
 15-Column-IEC-GF GSM350375 CEL  
 14-Ileum-IEC GSM350371 CEL  
 13-Small-intestine-epithelium RMINEP002001 CEL  
 12-Small-intestine-epithelium RMINEP001001 CEL  
 11-FAE-RMPYEP002001 CEL  
 10-FAE-RMPYEP001001 CEL  
 09-Ileum-IEC GSM190797 CEL  
 08-Ileum-IEC GSM190796 CEL  
 07-Ileum-IEC GSM190795 CEL  
 06-CT-v-M-cells GSM190794 CEL  
 05-CT-v-M-cells GSM190793 CEL  
 04-CT-v-M-cells GSM190792 CEL  
 03-PP-M-cells GSM190791 CEL  
 02-PP-M-cells GSM190790 CEL  
 01-PP-M-cells GSM190789 CEL



Cluster0063\_Lymph node-related (30 nodes)

3,428.2  
3,247.8  
3,067.3  
2,886.9  
2,706.5  
2,526.1  
2,345.6  
2,165.2  
1,984.8  
1,804.3  
1,623.9  
1,443.5  
1,263  
1,082.6  
902.2  
721.7  
541.3  
360.9  
180.4  
0



130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258766 CELL  
 113-Neuro2a GSM258727 CELL  
 112-Neuro2a GSM258726 CELL  
 111-Astrocytes GSM241898 CELL  
 110-mimb GSM258725 CELL  
 109-mimb GSM258724 CELL  
 108-MIMCD3 GSM258723 CELL  
 107-MIMCD3 GSM258722 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258655 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258739 CELL  
 101-NH3T3 GSM258738 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-D-LY RMLNDCC003001 CELL  
 79-E-LY RMLNDCC003001 CELL  
 78-Follicular-B-cells GSM258664 CELL  
 77-Follicular-B-cells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM258706 CELL  
 60-MM-LPS-7h GSM258706 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Plasmacytoid-DC GSM258650 CELL  
 52-Plasmacytoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258647 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258732 CELL  
 45-Mast-cells-IgE+Ad GSM258719 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258712 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258665 CELL  
 35-CMP GSM258642 CELL  
 34-MEP GSM258642 CELL  
 33-MEP GSM258770 CELL  
 32-MEP GSM258770 CELL  
 31-HSC GSM258770 CELL  
 30-Bone marrow GSM258628 CELL  
 29-Bone marrow GSM258627 CELL  
 28-Paneth-cells-GE GSM116358 CELL  
 27-Paneth-cells-GE GSM116357 CELL  
 26-Paneth-cells GSM116350 CELL  
 25-Paneth-cells GSM116350 CELL  
 24-Paneth-cells GSM116359 CELL  
 23-Paneth-cells GSM318589 CELL  
 22-Paneth-cells GSM318590 CELL  
 21-Color-Crypt GSM480375 cel  
 20-Color-Crypt GSM480374 cel  
 19-Color-Vill GSM480363 cel  
 18-Color-Vill GSM480362 cel  
 17-Color-IEC-Gf GSM349880 CELL  
 16-Color-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-v-M-cells GSM190794 CELL  
 5-CT-v-M-cells GSM190793 CELL  
 4-CT-v-M-cells GSM190792 CELL  
 3-PP-M-cells GSM190791 CELL  
 2-PP-M-cells GSM190790 CELL  
 1-PP-M-cells GSM190789 CELL



Cluster0064\_ Extracellular matrix-related (30 nodes)

1,898.6  
1,798.7  
1,698.8  
1,598.8  
1,498.9  
1,399  
1,299.1  
1,199.1  
1,099.2  
999.3  
899.4  
799.4  
699.5  
599.6  
499.6  
399.7  
299.8  
199.9  
99.9  
0



30-NALT GSM289411 CELL  
 29-NALT GSM289410 CELL  
 28-NALT GSM289409 CELL  
 27-NALT GSM289408 CELL  
 26-Color-d9 GSM1988105 CELL  
 25-Color-d9 GSM1988104 CELL  
 24-Color-d9 GSM1988103 CELL  
 23-Color-d4 GSM1988102 CELL  
 22-Color-d4 GSM1988101 CELL  
 21-Intestine-large GSM258676 CELL  
 20-Intestine-large GSM258675 CELL  
 19-Intestine-small GSM258674 CELL  
 18-Intestine-small GSM258673 CELL  
 17-Lymph-nodes GSM258672 CELL  
 16-Lymph-nodes GSM258671 CELL  
 15-Spleen GSM258767 CELL  
 14-Spleen GSM258766 CELL  
 13-Neuro2a GSM258728 CELL  
 12-Neuro2a GSM258727 CELL  
 11-Astrocytes GSM241898 CELL  
 10-mimb GSM258726 CELL  
 9-mimb GSM258725 CELL  
 8-MIMCD3 GSM258724 CELL  
 7-MIMCD3 GSM258723 CELL  
 6-Bruce4 GSM258656 CELL  
 5-Bruce4 GSM258655 CELL  
 4-C2C12 GSM258690 CELL  
 3-C2C12 GSM258689 CELL  
 2-NH3T3 GSM258739 CELL  
 1-NH3T3 GSM258738 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d14 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Microglia GSM258721 CELL  
 63-Microglia GSM258721 CELL  
 62-MM-LPS-7h GSM258706 CELL  
 61-MM-LPS-7h GSM258706 CELL  
 60-MM-LPS-6h GSM258702 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258699 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258694 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-Plasmacytoid-DC GSM258650 CELL  
 53-Plasmacytoid-DC GSM258649 CELL  
 52-CD8a-DC GSM258647 CELL  
 51-CD8a-DC GSM258647 CELL  
 50-CD8a+DC GSM258646 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-NK-cells GSM258732 CELL  
 47-NK-cells GSM258731 CELL  
 46-Mast-cells-IgE+Ad GSM258719 CELL  
 45-Mast-cells-IgE+Ad GSM258717 CELL  
 44-Mast-cells-IgE GSM258714 CELL  
 43-Mast-cells-IgE GSM258713 CELL  
 42-Mast-cells-IgE GSM258712 CELL  
 41-Mast-cells-IgE GSM258712 CELL  
 40-Granulocytes GSM258667 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258666 CELL  
 36-GMP GSM258665 CELL  
 35-GMP GSM258665 CELL  
 34-MEP GSM258872 CELL  
 33-MEP GSM258871 CELL  
 32-MEP GSM258871 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258769 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GF-1 GSM116357 CELL  
 26-paneth-cells-GF-1 GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM480375 CELL  
 20-paneth-cells GSM480375 CELL  
 19-Color-Vill GSM480363 CELL  
 18-Color-Vill GSM480362 CELL  
 17-Color-IEC-GF GSM349880 CELL  
 16-Color-IEC-GF GSM350375 CELL  
 15-Color-IEC-GF GSM350375 CELL  
 14-Intestine-epithelium RMINEP002001 CELL  
 13-Intestine-epithelium RMINEP002001 CELL  
 12-Intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-v-M-cells GSM190794 CELL  
 5-CT-v-M-cells GSM190793 CELL  
 4-CT-v-M-cells GSM190792 CELL  
 3-PP-M-cells GSM190791 CELL  
 2-PP-M-cells GSM190790 CELL  
 1-PP-M-cells GSM190789 CELL



Cluster0065\_FAE and Peyer's patch M cell-related (29 nodes)

1,304.1  
1,235.5  
1,166.9  
1,098.2  
1,029.6  
960.9  
892.3  
823.7  
755  
686.4  
617.8  
549.1  
480.5  
411.8  
343.2  
274.8  
205.9  
137.3  
68.6  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-Vill	GSM480362	cel
17	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116361	CEL
27	Paneth-cells	GSM116362	CEL
28	Bone marrow	GSM258677	CEL
29	Bone marrow	GSM258678	CEL
30	NALT	GSM289411	CELL
31	NALT	GSM289410	CELL
32	NALT	GSM289409	CELL
33	NALT	GSM289408	CELL
34	Color-d9	GSM198810	CELL
35	Color-d9	GSM198811	CELL
36	Color-d9	GSM198812	CELL
37	Color-d4	GSM198813	CELL
38	Color-d4	GSM198814	CELL
39	Color-d4	GSM198815	CELL
40	Intestine-large	GSM258675	CEL
41	Intestine-large	GSM258676	CEL
42	Intestine-small	GSM258677	CEL
43	Intestine-small	GSM258678	CEL
44	Lymph-nodes	GSM258679	CEL
45	Lymph-nodes	GSM258680	CEL
46	Spleen	GSM258681	CEL
47	Spleen	GSM258682	CEL
48	Neuro2a	GSM241898	CEL
49	Neuro2a	GSM241899	CEL
50	Astrocytes	GSM241900	CEL
51	ming	GSM258683	CEL
52	ming	GSM258684	CEL
53	ming	GSM258685	CEL
54	MIMCD3	GSM258686	CEL
55	MIMCD3	GSM258687	CEL
56	MIMCD3	GSM258688	CEL
57	Bruce4	GSM258689	CEL
58	Bruce4	GSM258690	CEL
59	Bruce4	GSM258691	CEL
60	C2C12	GSM258692	CEL
61	C2C12	GSM258693	CEL
62	NH3T3	GSM258730	CEL
63	NH3T3	GSM258731	CEL
64	3T3-L1	GSM258610	CEL
65	3T3-L1	GSM258609	CEL
66	10T12	GSM258632	CEL
67	10T12	GSM258631	CEL
68	Osteoplast-d21	GSM258740	CEL
69	Osteoplast-d21	GSM258739	CEL
70	Osteoplast-d14	GSM258738	CEL
71	Osteoplast-d14	GSM258737	CEL
72	Osteoplast-d5	GSM258742	CEL
73	Osteoplast-d5	GSM258741	CEL
74	Chondrocytes	GSM258674	CEL
75	Chondrocytes	GSM258674	CEL
76	Nat Helper cell	GSM465594	CEL
77	Nat Helper cell	GSM465593	CEL
78	MS-1	GSM234692	CEL
79	Lymph-endo-cells	GSM143704	CEL
80	FDC	GSM481977	CEL
81	FDC	GSM481978	CEL
82	FDC	GSM481979	CEL
83	FDC	GSM481976	CEL
84	FDC	GSM481977	CEL
85	FDC	GSM481978	CEL
86	FDC	GSM481979	CEL
87	FDC	GSM481976	CEL
88	FDC	GSM481977	CEL
89	FDC	GSM481978	CEL
90	FDC	GSM481979	CEL
91	FDC	GSM481976	CEL
92	FDC	GSM481977	CEL
93	FDC	GSM481978	CEL
94	FDC	GSM481979	CEL
95	FDC	GSM481976	CEL
96	FDC	GSM481977	CEL
97	FDC	GSM481978	CEL
98	FDC	GSM481979	CEL
99	FDC	GSM481976	CEL
100	FDC	GSM481977	CEL
101	FDC	GSM481978	CEL
102	FDC	GSM481979	CEL
103	FDC	GSM481976	CEL
104	FDC	GSM481977	CEL
105	FDC	GSM481978	CEL
106	FDC	GSM481979	CEL
107	FDC	GSM481976	CEL
108	FDC	GSM481977	CEL
109	FDC	GSM481978	CEL
110	FDC	GSM481979	CEL
111	FDC	GSM481976	CEL
112	FDC	GSM481977	CEL
113	FDC	GSM481978	CEL
114	FDC	GSM481979	CEL
115	FDC	GSM481976	CEL
116	FDC	GSM481977	CEL
117	FDC	GSM481978	CEL
118	FDC	GSM481979	CEL
119	FDC	GSM481976	CEL
120	FDC	GSM481977	CEL
121	FDC	GSM481978	CEL
122	FDC	GSM481979	CEL
123	FDC	GSM481976	CEL
124	FDC	GSM481977	CEL
125	FDC	GSM481978	CEL
126	FDC	GSM481979	CEL
127	FDC	GSM481976	CEL
128	FDC	GSM481977	CEL
129	FDC	GSM481978	CEL
130	FDC	GSM481979	CEL



Cluster0066\_House keeping-cell cycle (29 nodes)

1,037  
982.4  
927.8  
873.2  
818.7  
764.1  
709.5  
654.9  
600.3  
545.8  
491.2  
436.6  
382  
327.5  
272.9  
218.3  
163.7  
109.2  
54.6  
0



01-PP-M-cells_GSM190789.CEL	02-PP-M-cells_GSM190790.CEL	03-PP-M-cells_GSM190791.CEL	04-CT-v-M-cells_GSM190792.CEL	05-CT-v-M-cells_GSM190793.CEL	06-CT-v-M-cells_GSM190794.CEL	07-Ileum-IEC_GSM190795.CEL	08-Ileum-IEC_GSM190796.CEL	09-Ileum-IEC_GSM190797.CEL	10-FAE-RMPYE_P001001.CEL	11-FAE-RMPYE_P002001.CEL	12-Small-intestine-epithelium_RMINEP001001.CEL	13-Small-intestine-epithelium_RMINEP002001.CEL	14-Ileum-IEC_GSM350371.CEL	15-Ileum-IEC_GSM350375.CEL	16-Color-IEC-Gf_GSM349880.CEL	18-Color-Vill-GSM480362.CEL	19-Color-Vill-GSM480363.CEL	20-Color-Crypt-GSM480374.CEL	21-Color-Crypt-GSM480375.CEL	22-Paneth-cells_GSM318590.CEL	23-Paneth-cells_GSM318589.CEL	24-Paneth-cells_GSM116359.CEL	25-Paneth-cells_GSM116350.CEL	26-Paneth-cells-Gf-1-GSM116357.CEL	27-Paneth-cells-Gf-1-GSM116358.CEL	28-Bone marrow_GSM258827.CEL	29-Bone marrow_GSM258828.CEL	30-HSC-GSM258770.CEL	31-HSC-GSM258771.CEL	32-MEP-GSM258772.CEL	33-MEP-GSM258773.CEL	34-MEP-GSM258774.CEL	35-MEP-GSM258775.CEL	36-MEP-GSM258776.CEL	37-MEP-GSM258777.CEL	38-MEP-GSM258778.CEL	39-Granulocytes_GSM258667.CEL	40-Mast-cells_GSM258712.CEL	41-Mast-cells_GSM258711.CEL	42-Mast-cells-Gf-GSM258714.CEL	43-Mast-cells-Gf-GSM258713.CEL	44-Mast-cells-Gf+Ad-GSM258718.CEL	45-Mast-cells-Gf+Ad-GSM258717.CEL	46-NK-cells_GSM258731.CEL	47-NK-cells_GSM258732.CEL	48-CD8a+DC_GSM258646.CEL	49-CD8a+DC_GSM258645.CEL	50-CD8a-DC-GSM258647.CEL	51-CD8a-DC-GSM258647.CEL	52-Plasmacytoid-DC-GSM258649.CEL	53-Plasmacytoid-DC-GSM258650.CEL	54-BMM-GSM258694.CEL	55-BMM-GSM258694.CEL	56-BMM-LPS-6h-GSM258699.CEL	57-BMM-LPS-6h-GSM258699.CEL	58-BMM-GSM258702.CEL	59-BMM-GSM258701.CEL	60-PP-7h-GSM258706.CEL	61-PP-7h-GSM258705.CEL	62-Microglia-GSM258721.CEL	63-Microglia-GSM258721.CEL	64-Osteoclasts-GSM258743.CEL	65-Osteoclasts-GSM258744.CEL	66-Thymocyte-DN-GSM465595.CEL	67-T-cells-CD4+GSM258773.CEL	68-T-cells-CD4+GSM258773.CEL	69-T-cells-CD8+GSM258774.CEL	70-T-cells-CD8+GSM258774.CEL	71-Tregs-GSM258778.CEL	72-Tregs-GSM258778.CEL	73-BAF3-GSM258620.CEL	74-BAF3-GSM258620.CEL	75-MZ-Bcell-GSM258621.CEL	76-MZ-Bcell-GSM258621.CEL	77-Follicular-Bcells-GSM258664.CEL	78-Follicular-Bcells-GSM258664.CEL	79-E-L-Y-RMLNDC002001.CEL	80-E-L-Y-RMLNDC003001.CEL	81-PP-FDC-GSM481976.CEL	82-PP-FDC-GSM481978.CEL	83-PP-FDC-GSM481977.CEL	84-Lymph-endo-cells_GSM143704.CEL	85-MS-1_GSM234692.CEL	86-LTcell_GSM465596.CEL	87-Nat Helper cell_GSM465593.CEL	88-Nat Helper cell_GSM465594.CEL	89-Chondrocytes_GSM266741.CEL	90-Chondrocytes_GSM266740.CEL	91-Osteoblast-d5-GSM258741.CEL	92-Osteoblast-d5-GSM258742.CEL	93-Osteoblast-d14-GSM258737.CEL	94-Osteoblast-d14-GSM258738.CEL	95-Osteoblast-d21-GSM258740.CEL	96-Osteoblast-d21-GSM258739.CEL	97-10T12-GSM258631.CEL	98-10T12-GSM258632.CEL	99-3T3-L1-GSM258610.CEL	100-3T3-L1-GSM258609.CEL	101-NH3T3-GSM258739.CEL	102-NH3T3-GSM258739.CEL	103-C2C12-GSM258629.CEL	104-C2C12-GSM258630.CEL	106-Bruce4-GSM258666.CEL	107-MIMCD3-GSM258723.CEL	108-MIMCD3-GSM258724.CEL	109-mim6-GSM258725.CEL	110-mim6-GSM258726.CEL	111-Astrocytes_GSM241898.CEL	112-Neuro2a-GSM258727.CEL	113-Spleen-GSM258767.CEL	114-Spleen-GSM258767.CEL	115-Lymph-nodes-GSM258691.CEL	116-Lymph-nodes-GSM258691.CEL	117-Lymph-nodes-GSM258676.CEL	118-Intestine-small-GSM258677.CEL	119-Intestine-small-GSM258678.CEL	120-Intestine-large-GSM258675.CEL	121-Intestine-large-GSM258676.CEL	122-Color-d4-GSM198810.CEL	123-Color-d4-GSM198810.CEL	124-Color-d9-GSM198810.CEL	125-Color-d9-GSM198810.CEL	126-NALT-GSM289408.CEL	127-NALT-GSM289409.CEL	128-NALT-GSM289410.CEL	129-NALT-GSM289411.CEL
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Cluster0068\_High in NIH3T3 embryonic fibroblasts (29 nodes)

2,623.2  
2,390.4  
2,257.6  
2,124.8  
1,992  
1,859.2  
1,726.4  
1,593.6  
1,460.8  
1,328  
1,195.2  
1,062.4  
929.6  
796.8  
664  
531.2  
398.4  
265.6  
132.8  
0



30-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258678 CELL  
 118-Intestine-small GSM258679 CELL  
 117-Lymph-nodes GSM258691 CELL  
 116-Lymph-nodes GSM258726 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258767 CELL  
 113-Neuro2a GSM258728 CELL  
 112-Neuro2a GSM258727 CELL  
 111-Astrocytes GSM241898 CELL  
 110-mimb GSM258725 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258656 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258730 CELL  
 101-NH3T3 GSM258729 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-T cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-F-LY RMLNDCC003001 CELL  
 79-F-LY RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM258705 CELL  
 60-MM-LPS-7h GSM258705 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Ismacryoid-DC GSM258650 CELL  
 52-Ismacryoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258668 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-GMP GSM258642 CELL  
 34-MIEP GSM258642 CELL  
 33-MIEP GSM258641 CELL  
 32-MIEP GSM258641 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258770 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM480375 CELL  
 20-Color-Crypt GSM480374 CELL  
 19-Color-Vill GSM480363 CELL  
 18-Color-Vill GSM480362 CELL  
 17-Color-IEC-Gf GSM349880 CELL  
 16-Color-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002901 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-w-M-cells GSM190794 CELL  
 5-CT-w-M-cells GSM190793 CELL  
 4-CT-y-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0069\_Osteoblast-related (29 nodes)

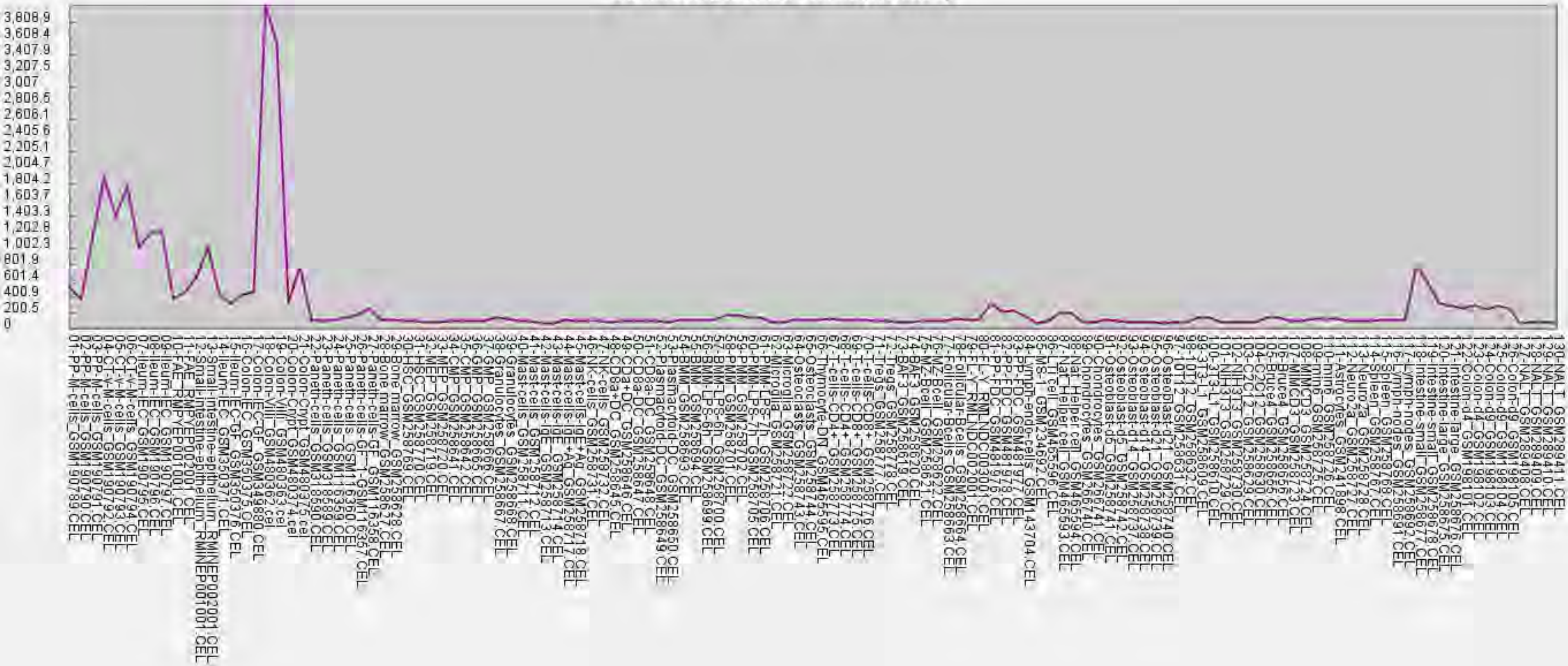
792.3  
750.8  
708.9  
667.0  
625.5  
583.8  
542.1  
500.4  
458.7  
417  
375.3  
333.6  
291.9  
250.2  
208.5  
166.8  
125.1  
83.4  
41.7  
0



30-NAT GSM289411 CELL  
 129-NAT GSM289410 CELL  
 128-NAT GSM289409 CELL  
 127-NAT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258766 CELL  
 113-Neuro2a GSM258728 CELL  
 112-Neuro2a GSM258727 CELL  
 111-Astrocytes GSM241898 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258655 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258730 CELL  
 101-NH3T3 GSM258729 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T1/2 GSM258632 CELL  
 97-10T1/2 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258773 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM258705 CELL  
 60-MM-LPS-7h GSM258705 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Ismacryoid-DC GSM258650 CELL  
 52-Ismacryoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258668 CELL  
 39-Granulocytes GSM258667 CELL  
 38-MP GSM258666 CELL  
 37-MP GSM258665 CELL  
 36-MP GSM258665 CELL  
 35-MP GSM258642 CELL  
 34-MEP GSM258642 CELL  
 33-MEP GSM258770 CELL  
 32-MEP GSM258770 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258769 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116357 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM480375 CELL  
 20-Color-Crypt GSM480374 CELL  
 19-Color-Vill GSM480363 CELL  
 18-Color-Vill GSM480362 CELL  
 17-Color-IEC-GE GSM349880 CELL  
 16-Color-IEC-GE GSM350375 CELL  
 15-Ileum-IEC-TGF GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-w-M-cells GSM190794 CELL  
 05-CT-y-M-cells GSM190793 CELL  
 04-CT-y-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0070\_intestine-related (29 nodes)





Cluster0071\_High in caecum (29 nodes)

452.8  
428.9  
405.1  
381.3  
357.4  
333.6  
309.8  
286  
262.1  
238.3  
214.5  
190.8  
166.8  
143  
119.1  
95.3  
71.5  
47.7  
23.8  
0



130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258766 CELL  
 113-Neuro2a GSM258728 CELL  
 112-Neuro2a GSM258727 CELL  
 111-Astrocytes GSM241898 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258655 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258730 CELL  
 101-NH3T3 GSM258729 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-T cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L Y RMLNDCC003001 CELL  
 79-L Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM268706 CELL  
 60-MM-LPS-7h GSM268706 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Ismacryoid-DC GSM258650 CELL  
 52-Ismacryoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258667 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-GMP GSM258642 CELL  
 34-MIEP GSM258720 CELL  
 33-MIEP GSM258719 CELL  
 32-MIEP GSM258719 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258769 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM318590 CELL  
 20-Colon-Crypt GSM480375 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-GE GSM349880 CELL  
 16-Colon-IEC-GE GSM350375 CELL  
 15-Ileum-IEC-GE GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-v-M-cells GSM190794 CELL  
 05-CT-v-M-cells GSM190793 CELL  
 04-CT-v-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0072\_Phagocyte-related/ antigen processing (28 nodes)

10,288.2  
9,748.7  
9,205.2  
8,663.8  
8,122.3  
7,580.8  
7,039.3  
6,497.8  
5,956.3  
5,414.9  
4,873.4  
4,331.9  
3,790.4  
3,248.9  
2,707.4  
2,165.9  
1,624.5  
1,083  
541.5  
0

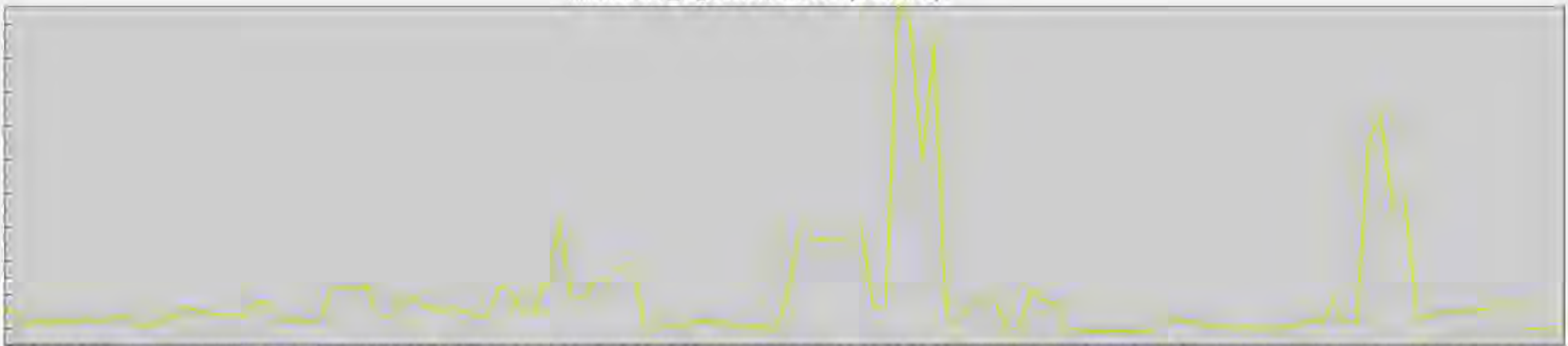


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 29-NALT GSM289410 CELL  
 28-NALT GSM289409 CELL  
 27-NALT GSM289408 CELL  
 26-Color-d9 GSM1988105 CELL  
 25-Color-d9 GSM1988104 CELL  
 24-Color-d9 GSM1988103 CELL  
 23-Color-d4 GSM1988102 CELL  
 22-Color-d4 GSM1988101 CELL  
 21-Intestine-large GSM258676 CELL  
 20-Intestine-large GSM258675 CELL  
 19-Intestine-small GSM258674 CELL  
 18-Intestine-small GSM258673 CELL  
 17-Lymph-nodes GSM258672 CELL  
 16-Lymph-nodes GSM258671 CELL  
 15-Spleen GSM258767 CELL  
 14-Spleen GSM258766 CELL  
 13-Neuro2a GSM258728 CELL  
 12-Neuro2a GSM258727 CELL  
 11-Astrocytes GSM241898 CELL  
 10-mimb GSM258726 CELL  
 9-mimb GSM258725 CELL  
 8-MIMCD3 GSM258724 CELL  
 7-MIMCD3 GSM258723 CELL  
 6-Bruc4 GSM258665 CELL  
 5-Bruc4 GSM258664 CELL  
 4-C2C12 GSM258690 CELL  
 3-C2C12 GSM258689 CELL  
 2-NH3T3 GSM258739 CELL  
 1-NH3T3 GSM258738 CELL  
 99-3T3-L1 GSM258610 CELL  
 98-10T12 GSM258609 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481976 CELL  
 81-P-FDC GSM481975 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-B-cells GSM258664 CELL  
 77-Follicular-B-cells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258626 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Microglia GSM258721 CELL  
 63-Microglia GSM258721 CELL  
 62-MM-LPS-7h GSM258706 CELL  
 61-MM-LPS-7h GSM258706 CELL  
 60-MM-LPS-6h GSM258702 CELL  
 59-MM-LPS-6h GSM258701 CELL  
 58-MM-LPS-6h GSM258699 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258694 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-Ismacryoid-DC GSM258650 CELL  
 53-Ismacryoid-DC GSM258649 CELL  
 52-CD8a-DC GSM258647 CELL  
 51-CD8a-DC GSM258647 CELL  
 50-CD8a+DC GSM258646 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-NK-cells GSM258731 CELL  
 47-NK-cells GSM258731 CELL  
 46-Mast-cells-IgE+Ad GSM258718 CELL  
 45-Mast-cells-IgE+Ad GSM258717 CELL  
 44-Mast-cells-IgE GSM258714 CELL  
 43-Mast-cells-IgE GSM258713 CELL  
 42-Mast-cells-IgE GSM258712 CELL  
 41-Mast-cells-IgE GSM258712 CELL  
 40-Granulocytes GSM258667 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258666 CELL  
 36-GMP GSM258665 CELL  
 35-CMP GSM258642 CELL  
 34-MEP GSM258770 CELL  
 33-MEP GSM258770 CELL  
 32-HESC GSM258770 CELL  
 31-HESC GSM258770 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GF-1 GSM116357 CELL  
 26-paneth-cells-GF-1 GSM116350 CELL  
 25-paneth-cells-GF-1 GSM116350 CELL  
 24-paneth-cells-GF-1 GSM116350 CELL  
 23-paneth-cells-GF-1 GSM116350 CELL  
 22-paneth-cells-GF-1 GSM116350 CELL  
 21-paneth-cells-GF-1 GSM116350 CELL  
 20-Colon-Crypt GSM480374 CELL  
 19-Colon-Vill GSM480363 CELL  
 18-Colon-Vill GSM480362 CELL  
 17-Colon-IEC-GF GSM349880 CELL  
 16-Colon-IEC-GF GSM350375 CELL  
 15-Ileum-IEC-GF GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002901 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-w-M-cells GSM190794 CELL  
 5-CT-w-M-cells GSM190793 CELL  
 4-CT-y-M-cells GSM190792 CELL  
 3-PP-M-cells GSM190791 CELL  
 2-PP-M-cells GSM190790 CELL  
 1-PP-M-cells GSM190789 CELL



### Cluster0073\_High in B and T cells (28 nodes)

578.6  
548.2  
517.7  
487.2  
456.8  
426.3  
395.9  
365.4  
335  
304.5  
274.1  
243.6  
213.2  
182.7  
152.3  
121.8  
91.4  
60.9  
30.5  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258674.CEL  
118-Intestine-small GSM258673.CEL  
117-Lymph-nodes GSM258672.CEL  
116-Spleen GSM258768.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258729.CEL  
112-Neuro2a GSM258728.CEL  
111-Astrocytes GSM241898.CEL  
110-mimb GSM258726.CEL  
109-mimb GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258664.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-P-FDC GSM481977.CEL  
82-P-FDC GSM481978.CEL  
81-P-FDC GSM481976.CEL  
80-L-Y RMLNDC003001.CEL  
79-L-Y RMLNDC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-7h GSM258706.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258701.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258694.CEL  
54-MM-LPS-6h GSM258694.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258719.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GF-1 GSM116357.CEL  
26-paneth-cells-GF-1 GSM116350.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM318590.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
9-Ileum-IEC GSM190797.CEL  
8-Ileum-IEC GSM190796.CEL  
7-Ileum-IEC GSM190795.CEL  
6-CT-v-M-cells GSM190794.CEL  
5-CT-v-M-cells GSM190793.CEL  
4-CT-v-M-cells GSM190792.CEL  
3-PP-M-cells GSM190791.CEL  
2-PP-M-cells GSM190790.CEL  
1-PP-M-cells GSM190789.CEL



Cluster0074\_Large intestine-related (27 nodes)

3,780.8  
3,581.6  
3,382.7  
3,183.7  
2,984.7  
2,785.7  
2,586.7  
2,387.8  
2,188.8  
1,989.8  
1,790.8  
1,591.8  
1,392.9  
1,193.9  
994.9  
795.9  
596.9  
398  
199  
0

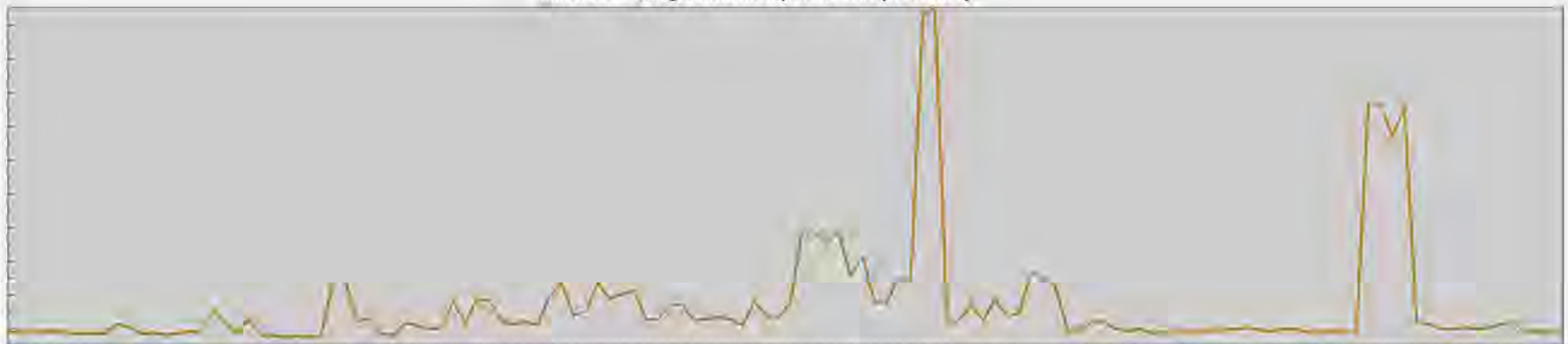


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 03- PP-M-cells\_GSM190791.CEL  
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 05- CT-y-M-cells\_GSM190793.CEL  
 06- CT-w-M-cells\_GSM190794.CEL  
 07- Ileum-EC\_GSM190795.CEL  
 08- Ileum-EC\_GSM190796.CEL  
 09- Ileum-EC\_GSM190797.CEL  
 10- FAE-RMPYEP001001.CEL  
 11- FAE-RMPYEP002001.CEL  
 12- Small intestine-epithelium\_RMINEP001001.CEL  
 13- Small intestine-epithelium\_RMINEP002001.CEL  
 14- Ileum-EC\_GSM350371.CEL  
 15- Ileum-EC\_GSM350375.CEL  
 16- Colon-IEC-Gf\_GSM349880.CEL  
 17- Colon-IEC-Gf\_GSM349880.CEL  
 18- Colon-Vill\_GSM480362.CEL  
 19- Colon-Vill\_GSM480363.CEL  
 20- Colon-Crypt\_GSM480374.CEL  
 21- Colon-Crypt\_GSM480375.CEL  
 22- Paneth-cells\_GSM318590.CEL  
 23- Paneth-cells\_GSM318589.CEL  
 24- Paneth-cells\_GSM116359.CEL  
 25- Paneth-cells\_GSM116350.CEL  
 26- Paneth-cells-Gf-1-GSM116357.CEL  
 27- Paneth-cells-Gf-1-GSM116357.CEL  
 28- Bone marrow\_GSM258627.CEL  
 29- Bone marrow\_GSM258627.CEL  
 30- NALT\_GSM289411.CEL  
 31- NALT\_GSM289410.CEL  
 32- NALT\_GSM289409.CEL  
 33- NALT\_GSM289408.CEL  
 34- Colon-d9\_GSM198810.CEL  
 35- Colon-d9\_GSM198810.CEL  
 36- Colon-d9\_GSM198810.CEL  
 37- Colon-d4\_GSM198810.CEL  
 38- Colon-d4\_GSM198810.CEL  
 39- Intestine-large\_GSM258676.CEL  
 40- Intestine-large\_GSM258675.CEL  
 41- Intestine-small\_GSM258677.CEL  
 42- Intestine-small\_GSM258692.CEL  
 43- Intestine-small\_GSM258691.CEL  
 44- Spleen\_GSM258767.CEL  
 45- Spleen\_GSM258767.CEL  
 46- Spleen\_GSM258767.CEL  
 47- Astrocytes\_GSM241898.CEL  
 48- Astrocytes\_GSM241898.CEL  
 49- mimb\_GSM258725.CEL  
 50- mimb\_GSM258725.CEL  
 51- mimb\_GSM258725.CEL  
 52- MIMCD3\_GSM258723.CEL  
 53- MIMCD3\_GSM258723.CEL  
 54- Bruce4\_GSM258690.CEL  
 55- Bruce4\_GSM258690.CEL  
 56- C2C12\_GSM258629.CEL  
 57- NH3T3\_GSM258739.CEL  
 58- NH3T3\_GSM258739.CEL  
 59- 3T3-L1\_GSM258610.CEL  
 60- 3T3-L1\_GSM258610.CEL  
 61- 3T3-L1\_GSM258609.CEL  
 62- OT12\_GSM258632.CEL  
 63- OT12\_GSM258632.CEL  
 64- Osteoblast-d21\_GSM258740.CEL  
 65- Osteoblast-d21\_GSM258739.CEL  
 66- Osteoblast-d14\_GSM258738.CEL  
 67- Osteoblast-d14\_GSM258737.CEL  
 68- Osteoblast-d5\_GSM258742.CEL  
 69- Osteoblast-d5\_GSM258741.CEL  
 70- Chondrocytes\_GSM266741.CEL  
 71- Chondrocytes\_GSM266740.CEL  
 72- Nat Helper cell\_GSM465594.CEL  
 73- Nat Helper cell\_GSM465593.CEL  
 74- T cell\_GSM465596.CEL  
 75- MS-1\_GSM234692.CEL  
 76- Lymph-endo-cells\_GSM143704.CEL  
 77- P-FDC\_GSM481977.CEL  
 78- P-FDC\_GSM481978.CEL  
 79- P-FDC\_GSM481976.CEL  
 80- FLY-RMLNDC002001.CEL  
 81- FLY-RMLNDC003001.CEL  
 82- FLY-RMLNDC002001.CEL  
 83- FLY-RMLNDC003001.CEL  
 84- Follicular-Bcells\_GSM258664.CEL  
 85- Follicular-Bcells\_GSM258663.CEL  
 86- MZ-Bcell\_GSM258622.CEL  
 87- MZ-Bcell\_GSM258621.CEL  
 88- BAF3\_GSM258620.CEL  
 89- BAF3\_GSM258619.CEL  
 90- Tregs\_GSM258778.CEL  
 91- Tregs\_GSM258777.CEL  
 92- T-cells-CD8+GSM258776.CEL  
 93- T-cells-CD8+GSM258775.CEL  
 94- T-cells-CD4+GSM258774.CEL  
 95- T-cells-CD4+GSM258773.CEL  
 96- Thymocyte-DN\_GSM465595.CEL  
 97- Osteoclasts\_GSM258743.CEL  
 98- Microglia\_GSM258721.CEL  
 99- Microglia\_GSM258721.CEL  
 100- P-MM-LPS-7h\_GSM268706.CEL  
 101- P-MM-LPS-7h\_GSM268706.CEL  
 102- P-MM-LPS-7h\_GSM268705.CEL  
 103- P-MM-LPS-6h\_GSM268700.CEL  
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 299- P-MM-LPS-6h\_GSM268699.CEL  
 300- P-MM-LPS-6h\_GSM268699.CEL



Cluster0075\_High inhaematopoietic cells (27 nodes)

2,326.9  
2,204.4  
2,082  
1,959.5  
1,837  
1,714.6  
1,592.1  
1,469.6  
1,347.2  
1,224.7  
1,102.2  
979.8  
857.3  
734.8  
612.3  
489.9  
367.4  
244.9  
122.5  
0



130-NALT GSM289411.CEL  
 129-NALT GSM289410.CEL  
 128-NALT GSM289409.CEL  
 127-NALT GSM289408.CEL  
 126-Colon-d9 GSM1988105.CEL  
 125-Colon-d9 GSM1988104.CEL  
 124-Colon-d9 GSM1988103.CEL  
 123-Colon-d4 GSM1988102.CEL  
 122-Colon-d4 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
 120-Intestine-large GSM258675.CEL  
 119-Intestine-small GSM258674.CEL  
 118-Intestine-small GSM258673.CEL  
 117-Lymph-nodes GSM258672.CEL  
 116-Lymph-nodes GSM258671.CEL  
 115-Spleen GSM258768.CEL  
 114-Spleen GSM258767.CEL  
 113-Neuro2a GSM258728.CEL  
 112-Neuro2a GSM258727.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mim6 GSM258726.CEL  
 109-mim6 GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
 107-MIMCD3 GSM258723.CEL  
 106-Bruce4 GSM258666.CEL  
 105-Bruce4 GSM258665.CEL  
 104-C2C12 GSM258690.CEL  
 103-C2C12 GSM258689.CEL  
 102-NH3T3 GSM258739.CEL  
 101-NH3T3 GSM258738.CEL  
 100-3T3-L1 GSM258610.CEL  
 99-3T3-L1 GSM258609.CEL  
 98-10T12 GSM258631.CEL  
 97-10T12 GSM258630.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d21 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
 93-Osteoblast-d14 GSM258737.CEL  
 92-Osteoblast-d5 GSM258742.CEL  
 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
 89-Chondrocytes GSM266740.CEL  
 88-Nat Helper cell GSM465594.CEL  
 87-Nat Helper cell GSM465593.CEL  
 86-Tt cell GSM465596.CEL  
 85-MS-1 GSM234692.CEL  
 84-Lymph-endo-cells GSM143704.CEL  
 83-P-FDC GSM481977.CEL  
 82-P-FDC GSM481978.CEL  
 81-P-FDC GSM481976.CEL  
 80-F-L-Y RMLNDC003001.CEL  
 79-F-L-Y RMLNDC003001.CEL  
 78-Follicular-B-cells GSM258664.CEL  
 77-Follicular-B-cells GSM258663.CEL  
 76-MZ-Bcell GSM258627.CEL  
 75-MZ-Bcell GSM258627.CEL  
 74-BAF3 GSM258620.CEL  
 73-BAF3 GSM258619.CEL  
 72-Tregs GSM258778.CEL  
 71-Tregs GSM258777.CEL  
 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258774.CEL  
 68-T-cells-CD4+ GSM258773.CEL  
 67-T-cells-CD4+ GSM258744.CEL  
 66-Thymocyte-DN GSM465595.CEL  
 65-Osteoclasts GSM258743.CEL  
 64-Microglia GSM258721.CEL  
 63-Microglia GSM258721.CEL  
 62-MM-LPS-7h GSM268706.CEL  
 61-MM-LPS-7h GSM268705.CEL  
 60-MM-LPS-6h GSM258702.CEL  
 59-MM-LPS-6h GSM258701.CEL  
 58-MM-LPS-6h GSM258699.CEL  
 57-MM-LPS-6h GSM258699.CEL  
 56-MM-LPS-6h GSM258694.CEL  
 55-MM-LPS-6h GSM258694.CEL  
 54-Plasmacytoid-DC GSM258650.CEL  
 53-Plasmacytoid-DC GSM258649.CEL  
 52-CD8a-DC GSM258647.CEL  
 51-CD8a-DC GSM258647.CEL  
 50-CD8a+DC GSM258646.CEL  
 49-CD8a+DC GSM258646.CEL  
 48-NK-cells GSM258732.CEL  
 47-NK-cells GSM258731.CEL  
 46-Mast-cells-IgE+Ad GSM258718.CEL  
 45-Mast-cells-IgE+Ad GSM258717.CEL  
 44-Mast-cells-IgE GSM258714.CEL  
 43-Mast-cells-IgE GSM258713.CEL  
 42-Mast-cells GSM258712.CEL  
 41-Mast-cells GSM258711.CEL  
 40-Granulocytes GSM258668.CEL  
 39-Granulocytes GSM258667.CEL  
 38-GMP GSM258666.CEL  
 37-GMP GSM258666.CEL  
 36-GMP GSM258664.CEL  
 35-GMP GSM258664.CEL  
 34-MEP GSM258720.CEL  
 33-MEP GSM258719.CEL  
 32-MEP GSM258719.CEL  
 31-HSC GSM258770.CEL  
 30-HSC GSM258769.CEL  
 29-Bone marrow GSM258628.CEL  
 28-Bone marrow GSM258627.CEL  
 27-paneth-cells-GF-1 GSM116357.CEL  
 26-paneth-cells-GF-1 GSM116350.CEL  
 25-paneth-cells GSM116359.CEL  
 24-paneth-cells GSM116359.CEL  
 23-paneth-cells GSM318589.CEL  
 22-paneth-cells GSM318590.CEL  
 21-Colon-Crypt GSM480375.CEL  
 20-Colon-Crypt GSM480374.CEL  
 19-Colon-Vill GSM480363.CEL  
 18-Colon-Vill GSM480362.CEL  
 17-Colon-IEC-GF GSM349880.CEL  
 16-Colon-IEC-GF GSM350375.CEL  
 15-Ileum-IEC-GF GSM350376.CEL  
 14-Ileum-IEC GSM350371.CEL  
 13-Small-intestine-epithelium RMINEP002001.CEL  
 12-Small-intestine-epithelium RMINEP001001.CEL  
 11-FAE RMPYEP002001.CEL  
 10-FAE RMPYEP001001.CEL  
 09-Ileum-IEC GSM190797.CEL  
 08-Ileum-IEC GSM190796.CEL  
 07-Ileum-IEC GSM190795.CEL  
 06-CT-v-M-cells GSM190794.CEL  
 05-CT-v-M-cells GSM190793.CEL  
 04-PP-M-cells GSM190792.CEL  
 03-PP-M-cells GSM190791.CEL  
 02-PP-M-cells GSM190790.CEL  
 01-PP-M-cells GSM190789.CEL



Cluster0076\_House keeping-cell cycle (27 nodes)

2,018.4  
1,912.1  
1,805.9  
1,699.7  
1,593.5  
1,487.2  
1,381  
1,274.8  
1,168.5  
1,062.3  
956.1  
849.8  
743.6  
637.4  
531.2  
424.9  
318.7  
212.5  
106.2  
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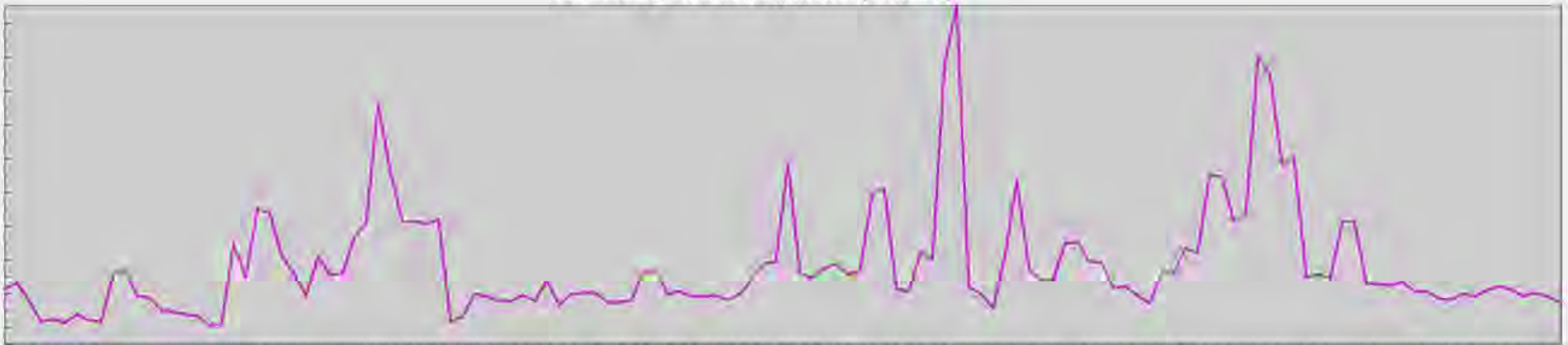


130	NALT	GSM289411	CEL
129	NALT	GSM289410	CEL
128	NALT	GSM289409	CEL
127	NALT	GSM289408	CEL
126	Colon-d9	GSM1988105	CEL
125	Colon-d9	GSM1988104	CEL
124	Colon-d9	GSM1988103	CEL
123	Colon-d4	GSM1988102	CEL
122	Colon-d4	GSM1988101	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258678	CEL
118	Intestine-small	GSM258677	CEL
117	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258676	CEL
115	Spleen	GSM258677	CEL
114	Spleen	GSM258678	CEL
113	Neuro2a	GSM258727	CEL
112	Neuro2a	GSM258728	CEL
111	Astrocytes	GSM2418998	CEL
110	mim6	GSM258726	CEL
109	mim6	GSM258725	CEL
108	MIMCD3	GSM258724	CEL
107	MIMCD3	GSM258723	CEL
106	Bruce4	GSM258656	CEL
105	Bruce4	GSM258655	CEL
104	C2C12	GSM258690	CEL
103	C2C12	GSM258689	CEL
102	NH3T3	GSM258730	CEL
101	NH3T3	GSM258729	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T12	GSM258632	CEL
97	10T12	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	PP-FDC	GSM481975	CEL
79	F-LY	RMLNDC002001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258622	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	Tregs	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD8+	GSM258775	CEL
68	T-cells-CD4+	GSM258774	CEL
67	T-cells-CD4+	GSM258773	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258743	CEL
64	Osteoclasts	GSM258744	CEL
63	Microglia	GSM258721	CEL
62	Microglia	GSM258721	CEL
61	PM-M-PS-7h	GSM268706	CEL
60	PM-M-PS-7h	GSM268705	CEL
59	PM-M-PS-6h	GSM258702	CEL
58	PM-M-PS-6h	GSM258701	CEL
57	PM-M-PS-6h	GSM258699	CEL
56	PM-M-PS-6h	GSM258698	CEL
55	PM-M-PS-6h	GSM258697	CEL
54	PM-M-PS-6h	GSM258696	CEL
53	Plasmacytoid-DC	GSM258650	CEL
52	Plasmacytoid-DC	GSM258649	CEL
51	CD8a-DC	GSM258648	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a+DC	GSM258646	CEL
48	CD8a+DC	GSM258645	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258718	CEL
44	Mast-cells-IgE+Ad	GSM258717	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Granulocytes	GSM258668	CEL
39	Granulocytes	GSM258667	CEL
38	GMP	GSM258666	CEL
37	GMP	GSM258665	CEL
36	GMP	GSM258664	CEL
35	GMP	GSM258664	CEL
34	GMP	GSM258664	CEL
33	MIEP	GSM258720	CEL
32	MIEP	GSM258719	CEL
31	HESC	GSM258770	CEL
30	HESC	GSM258770	CEL
29	Bone marrow	GSM258628	CEL
28	Bone marrow	GSM258627	CEL
27	paneth-cells-GF	GSM116358	CEL
26	paneth-cells-GF	GSM116357	CEL
25	paneth-cells	GSM116350	CEL
24	paneth-cells	GSM116359	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-GF	GSM349880	CEL
16	Colon-IEC-GF	GSM350375	CEL
15	Ileum-IEC	GSM350376	CEL
14	Ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE-RMP	EP002001	CEL
10	FAE-RMP	EP001001	CEL
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	PP-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0077\_House keeping-nucleus (27 nodes)

1,172.5  
1,110.8  
1,049.1  
987.4  
925.7  
864  
802.3  
740.5  
678.8  
617.1  
555.4  
493.7  
432  
370.3  
308.6  
246.8  
185.1  
123.4  
61.7  
0

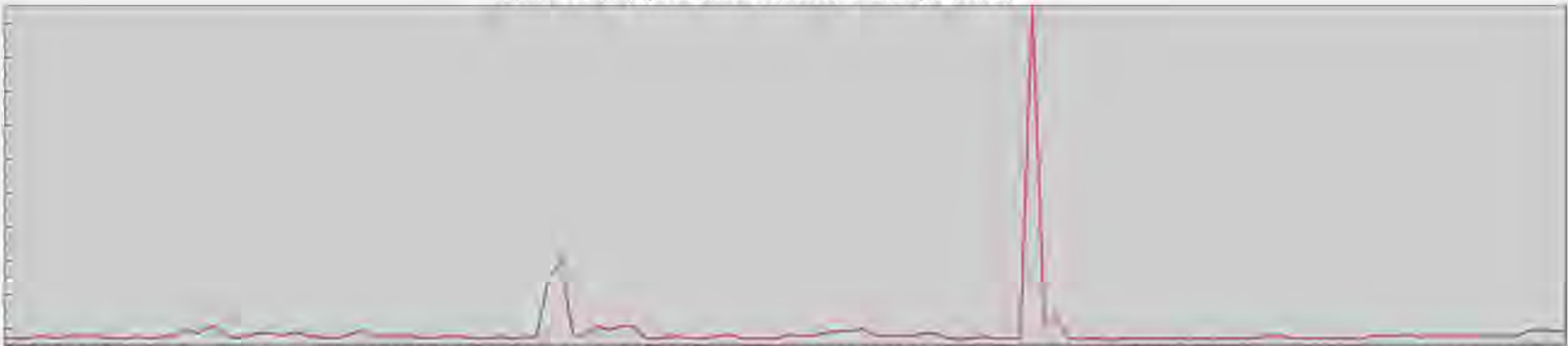


01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-v-M-cells\_GSM190792.CEL  
05-CT-v-M-cells\_GSM190793.CEL  
06-CT-v-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM349880.CEL  
17-Colon-Vill-GSM480362.CEL  
18-Colon-Vill-GSM480363.CEL  
19-Colon-Vill-GSM480364.CEL  
20-Colon-Crypt-GSM480374.CEL  
21-Colon-Crypt-GSM480375.CEL  
22-Paneth-cells-GSM318589.CEL  
23-Paneth-cells-GSM318590.CEL  
24-Paneth-cells-GSM116359.CEL  
25-Paneth-cells-GSM116359.CEL  
26-Paneth-cells-GSM116357.CEL  
27-Paneth-cells-GSM116357.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC-GSM258770.CEL  
31-HSC-GSM258770.CEL  
32-MEP-GSM258719.CEL  
33-MEP-GSM258720.CEL  
34-MEP-GSM258641.CEL  
35-MEP-GSM258642.CEL  
36-GMP-GSM258665.CEL  
37-GMP-GSM258666.CEL  
38-GMP-GSM258667.CEL  
39-Granulocytes\_GSM258668.CEL  
40-Mast-cells\_GSM258711.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-GSM258713.CEL  
43-Mast-cells-GSM258714.CEL  
44-Mast-cells-IgE+Ad-GSM258718.CEL  
45-Mast-cells-IgE+Ad-GSM258718.CEL  
46-NK-cells\_GSM258731.CEL  
47-NK-cells\_GSM258732.CEL  
48-CD8a+DC\_GSM258645.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
52-Plasmacytoid-DC\_GSM258649.CEL  
53-Plasmacytoid-DC\_GSM258649.CEL  
54-BMM-GSM258694.CEL  
55-BMM-GSM258694.CEL  
56-BMM-LPS-6h\_GSM258699.CEL  
57-BMM-LPS-6h\_GSM258699.CEL  
58-PMM-GSM258702.CEL  
59-PMM-GSM258702.CEL  
60-PMM-LPS-7h\_GSM258705.CEL  
61-PMM-LPS-7h\_GSM258705.CEL  
62-Microglia\_GSM258721.CEL  
63-Microglia\_GSM258721.CEL  
64-Osteoclasts\_GSM258743.CEL  
65-Osteoclasts\_GSM258744.CEL  
66-Thymocyte-DN\_GSM465595.CEL  
67-T-cells-CD4+\_GSM258773.CEL  
68-T-cells-CD4+\_GSM258774.CEL  
69-T-cells-CD8+\_GSM258775.CEL  
70-T-cells-CD8+\_GSM258776.CEL  
71-Tregs\_GSM258778.CEL  
72-Tregs\_GSM258778.CEL  
73-BAF3\_GSM258619.CEL  
74-BAF3\_GSM258620.CEL  
75-MZ-Bcell\_GSM258622.CEL  
76-MZ-Bcell\_GSM258622.CEL  
77-Follicular-Bcells\_GSM258664.CEL  
78-Follicular-Bcells\_GSM258664.CEL  
79-FLY-RMLNDC002001.CEL  
80-FLY-RMLNDC003001.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481978.CEL  
83-PP-FDC\_GSM481978.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LTcell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465593.CEL  
89-Chondrocytes\_GSM266741.CEL  
90-Chondrocytes\_GSM266741.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258742.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d14\_GSM258738.CEL  
95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258739.CEL  
97-10T12\_GSM258631.CEL  
98-10T12\_GSM258631.CEL  
99-3T3-L1\_GSM258609.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258739.CEL  
102-NH3T3\_GSM258739.CEL  
103-C2C12\_GSM258629.CEL  
104-C2C12\_GSM258630.CEL  
105-Bruce4\_GSM258656.CEL  
106-Bruce4\_GSM258656.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258767.CEL  
115-Lymph-nodes\_GSM258691.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258677.CEL  
119-Intestine-small\_GSM258677.CEL  
120-Intestine-large\_GSM258678.CEL  
121-Intestine-large\_GSM258678.CEL  
122-Colon-d4\_GSM198101.CEL  
123-Colon-d4\_GSM198101.CEL  
124-Colon-d9\_GSM198103.CEL  
125-Colon-d9\_GSM198103.CEL  
126-Colon-d9\_GSM198104.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289409.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0078\_Lymphoid tissue inducer cell-related (26 nodes)

1,114.5  
1,055.9  
897.2  
938.6  
879.9  
821.2  
762.6  
703.9  
645.3  
586.6  
527.9  
469.3  
410.6  
352  
293.3  
234.6  
176  
117.3  
58.7  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small intestine-epithelium	RMINEP001001	CEL
13	Small intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	CEL
17	Colon-VIII	GSM480363	CEL
18	Colon-VIII	GSM480364	CEL
19	Colon-VIII	GSM480365	CEL
20	Colon-Crypt	GSM480374	CEL
21	Colon-Crypt	GSM480375	CEL
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Paneth-cells	GSM116357	CEL
29	Bone marrow	GSM258627	CEL
30	NALT	GSM289411	CEL
31	NALT	GSM289410	CEL
32	NALT	GSM289409	CEL
33	NALT	GSM289408	CEL
34	Colon-d9	GSM198810	CEL
35	Colon-d9	GSM198810	CEL
36	Colon-d9	GSM198810	CEL
37	Colon-d4	GSM198810	CEL
38	Colon-d4	GSM198810	CEL
39	Intestine-large	GSM258676	CEL
40	Intestine-large	GSM258675	CEL
41	Intestine-small	GSM258678	CEL
42	Intestine-small	GSM258677	CEL
43	Lymph-nodes	GSM258691	CEL
44	Lymph-nodes	GSM258692	CEL
45	Spleen	GSM258728	CEL
46	Spleen	GSM258729	CEL
47	Neuro2a	GSM241898	CEL
48	Neuro2a	GSM241898	CEL
49	Astrocytes	GSM241898	CEL
50	ming	GSM258726	CEL
51	ming	GSM258725	CEL
52	ming	GSM258724	CEL
53	MIMCD3	GSM258723	CEL
54	MIMCD3	GSM258723	CEL
55	Bruce4	GSM258690	CEL
56	Bruce4	GSM258689	CEL
57	C2C12	GSM258688	CEL
58	C2C12	GSM258687	CEL
59	NH3T3	GSM258730	CEL
60	NH3T3	GSM258729	CEL
61	3T3-L1	GSM258610	CEL
62	3T3-L1	GSM258609	CEL
63	10T1/2	GSM258632	CEL
64	10T1/2	GSM258631	CEL
65	Osteoblast-d21	GSM258740	CEL
66	Osteoblast-d21	GSM258739	CEL
67	Osteoblast-d14	GSM258738	CEL
68	Osteoblast-d14	GSM258737	CEL
69	Osteoblast-d5	GSM258742	CEL
70	Osteoblast-d5	GSM258741	CEL
71	Chondrocytes	GSM266741	CEL
72	Chondrocytes	GSM266740	CEL
73	Nat Helper cell	GSM465594	CEL
74	Nat Helper cell	GSM465593	CEL
75	Ms-1	GSM234692	CEL
76	Lymph-endo-cells	GSM143704	CEL
77	FDC	GSM481977	CEL
78	FDC	GSM481978	CEL
79	FDC	GSM481976	CEL
80	FDC	GSM481976	CEL
81	RMLNDC002001	CEL	
82	RMLNDC002001	CEL	
83	RMLNDC002001	CEL	
84	Follicular-B-cells	GSM258664	CEL
85	Follicular-B-cells	GSM258663	CEL
86	MZ-Bcell	GSM258622	CEL
87	MZ-Bcell	GSM258621	CEL
88	BAF3	GSM258620	CEL
89	BAF3	GSM258619	CEL
90	Tregs	GSM258778	CEL
91	Tregs	GSM258777	CEL
92	Tregs	GSM258776	CEL
93	Tregs	GSM258775	CEL
94	T-cells-CD8+	GSM258774	CEL
95	T-cells-CD8+	GSM258773	CEL
96	T-cells-CD4+	GSM258744	CEL
97	T-cells-CD4+	GSM258743	CEL
98	Osteoclasts	GSM258743	CEL
99	Osteoclasts	GSM258743	CEL
100	Microglia	GSM258721	CEL
101	Microglia	GSM258721	CEL
102	PS-7h	GSM258706	CEL
103	PS-7h	GSM258705	CEL
104	PS-6h	GSM258702	CEL
105	PS-6h	GSM258701	CEL
106	PS-6h	GSM258699	CEL
107	PS-6h	GSM258694	CEL
108	PS-6h	GSM258694	CEL
109	PS-6h	GSM258694	CEL
110	PS-6h	GSM258694	CEL
111	PS-6h	GSM258694	CEL
112	PS-6h	GSM258694	CEL
113	PS-6h	GSM258694	CEL
114	PS-6h	GSM258694	CEL
115	PS-6h	GSM258694	CEL
116	PS-6h	GSM258694	CEL
117	PS-6h	GSM258694	CEL
118	PS-6h	GSM258694	CEL
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163	PS-6h	GSM258694	CEL
164	PS-6h	GSM258694	CEL
165	PS-6h	GSM258694	CEL
166	PS-6h	GSM258694	CEL
167	PS-6h	GSM258694	CEL
168	PS-6h	GSM258694	CEL
169	PS-6h	GSM258694	CEL
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181	PS-6h	GSM258694	CEL
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184	PS-6h	GSM258694	CEL
185	PS-6h	GSM258694	CEL
186	PS-6h	GSM258694	CEL
187	PS-6h	GSM258694	CEL
188	PS-6h	GSM258694	CEL
189	PS-6h	GSM258694	CEL
190	PS-6h	GSM258694	CEL
191	PS-6h	GSM258694	CEL
192	PS-6h	GSM258694	CEL
193	PS-6h	GSM258694	CEL
194	PS-6h	GSM258694	CEL
195	PS-6h	GSM258694	CEL
196	PS-6h	GSM258694	CEL
197	PS-6h	GSM258694	CEL
198	PS-6h	GSM258694	CEL
199	PS-6h	GSM258694	CEL
200	PS-6h	GSM258694	CEL



Cluster0079\_House keeping-mitochondrion (26 nodes)

6,900.6  
6,537.4  
6,174.2  
5,811  
5,447.8  
5,084.6  
4,721.5  
4,358.3  
3,995.1  
3,631.9  
3,268.7  
2,905.5  
2,542.3  
2,179.1  
1,815.9  
1,452.8  
1,089.6  
726.4  
363.2  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-v-M-cells	GSM190792	CEL
05	CT-v-M-cells	GSM190793	CEL
06	CT-v-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116357	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	HSC	GSM258770	CEL
31	HSC	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	MEP	GSM258775	CEL
36	GMP	GSM258665	CEL
37	GMP	GSM258666	CEL
38	GMP	GSM258667	CEL
39	Granulocytes	GSM258668	CEL
40	Mast-cells	GSM258771	CEL
41	Mast-cells	GSM258772	CEL
42	Mast-cells	GSM258773	CEL
43	Mast-cells	GSM258774	CEL
44	Mast-cells	GSM258775	CEL
45	Mast-cells	GSM258776	CEL
46	NK-cells	GSM258777	CEL
47	NK-cells	GSM258778	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a+DC	GSM258648	CEL
51	CD8a+DC	GSM258649	CEL
52	CD8a+DC	GSM258650	CEL
53	CD8a+DC	GSM258651	CEL
54	CD8a+DC	GSM258652	CEL
55	CD8a+DC	GSM258653	CEL
56	CD8a+DC	GSM258654	CEL
57	CD8a+DC	GSM258655	CEL
58	CD8a+DC	GSM258656	CEL
59	CD8a+DC	GSM258657	CEL
60	CD8a+DC	GSM258658	CEL
61	CD8a+DC	GSM258659	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258722	CEL
64	Microglia	GSM258723	CEL
65	Osteoclasts	GSM258743	CEL
66	Osteoclasts	GSM258744	CEL
67	Thymocyte-DN	GSM465595	CEL
68	Thymocyte-DN	GSM465596	CEL
69	T-cells-CD4+	GSM258773	CEL
70	T-cells-CD4+	GSM258774	CEL
71	T-cells-CD8+	GSM258775	CEL
72	T-cells-CD8+	GSM258776	CEL
73	Tregs	GSM258777	CEL
74	Tregs	GSM258778	CEL
75	BAF3	GSM258620	CEL
76	MZ-Bcell	GSM258621	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258665	CEL
79	Follicular-Bcells	GSM258666	CEL
80	Follicular-Bcells	GSM258667	CEL
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481977	CEL
83	PP-FDC	GSM481978	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	IT cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM266741	CEL
90	Chondrocytes	GSM266742	CEL
91	Osteoblast-d5	GSM258741	CEL
92	Osteoblast-d5	GSM258742	CEL
93	Osteoblast-d14	GSM258737	CEL
94	Osteoblast-d14	GSM258738	CEL
95	Osteoblast-d21	GSM258740	CEL
96	Osteoblast-d21	GSM258739	CEL
97	OT12	GSM258631	CEL
98	OT12	GSM258632	CEL
99	3T3-L1	GSM258609	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258630	CEL
105	Bruce4	GSM258666	CEL
106	Bruce4	GSM258666	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258724	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258726	CEL
111	Astrocytes	GSM241898	CEL
112	Spleen	GSM258767	CEL
113	Spleen	GSM258768	CEL
114	Lymph-nodes	GSM258679	CEL
115	Lymph-nodes	GSM258680	CEL
116	Lymph-nodes	GSM258681	CEL
117	Lymph-nodes	GSM258682	CEL
118	Intestine-small	GSM258692	CEL
119	Intestine-small	GSM258693	CEL
120	Intestine-large	GSM258675	CEL
121	Intestine-large	GSM258676	CEL
122	Intestine-large	GSM258677	CEL
123	Intestine-large	GSM258678	CEL
124	Colon-d4	GSM198810	CEL
125	Colon-d4	GSM198811	CEL
126	Colon-d9	GSM198812	CEL
127	Colon-d9	GSM198813	CEL
128	NALT	GSM289408	CEL
129	NALT	GSM289409	CEL
130	NALT	GSM289410	CEL
131	NALT	GSM289411	CEL



Cluster0080\_Paneth cell-related (26 nodes)

907.3  
859.6  
811.8  
764  
716.3  
668.5  
620.8  
573  
525.3  
477.5  
429.8  
382  
334.3  
286.5  
238.8  
191  
143.3  
95.5  
47.8  
0

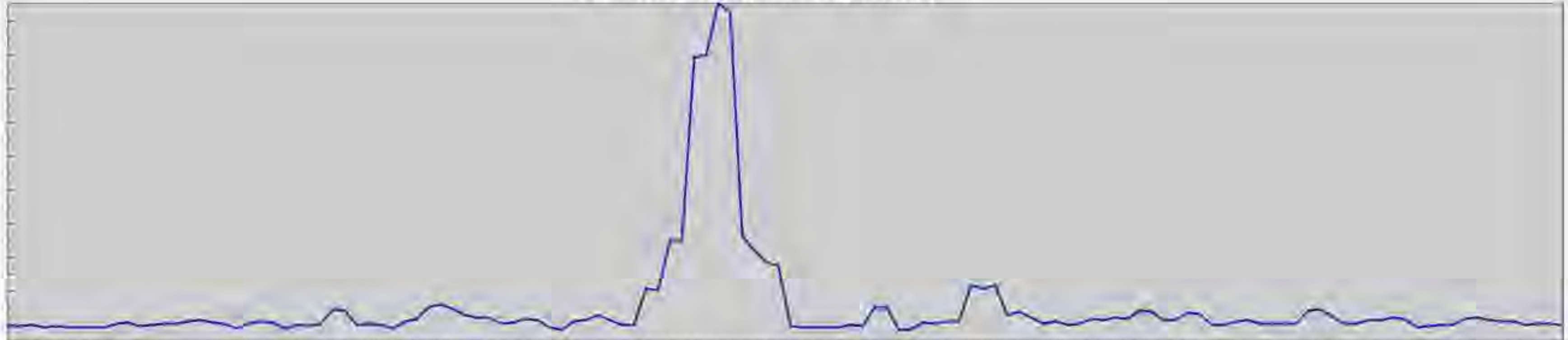


30-NALT GSM289411 CELL  
 29-NALT GSM289410 CELL  
 28-NALT GSM289409 CELL  
 27-NALT GSM289408 CELL  
 26-Color-d9 GSM1988105 CELL  
 25-Color-d9 GSM1988104 CELL  
 24-Color-d9 GSM1988103 CELL  
 23-Color-d4 GSM1988102 CELL  
 22-Color-d4 GSM1988101 CELL  
 21-Intestine-large GSM258676 CELL  
 20-Intestine-large GSM258675 CELL  
 19-Intestine-small GSM258674 CELL  
 18-Intestine-small GSM258673 CELL  
 17-Lymph-nodes GSM258672 CELL  
 16-Spleen GSM258671 CELL  
 15-Spleen GSM258670 CELL  
 14-Neuro2a GSM258669 CELL  
 13-Astrocytes GSM241898 CELL  
 12-mimb GSM258667 CELL  
 11-mimb GSM258666 CELL  
 10-MIMCD3 GSM258665 CELL  
 09-MIMCD3 GSM258664 CELL  
 08-MIMCD3 GSM258663 CELL  
 07-Bruce4 GSM258662 CELL  
 06-Bruce4 GSM258661 CELL  
 05-C2C12 GSM258660 CELL  
 04-NH3T3 GSM258659 CELL  
 03-NH3T3 GSM258658 CELL  
 02-3T3-L1 GSM258657 CELL  
 01-3T3-L1 GSM258656 CELL  
 99-10T1/2 GSM258655 CELL  
 98-10T1/2 GSM258654 CELL  
 97-Osteoblast-d21 GSM258653 CELL  
 96-Osteoblast-d21 GSM258652 CELL  
 95-Osteoblast-d14 GSM258651 CELL  
 94-Osteoblast-d14 GSM258650 CELL  
 93-Osteoblast-d5 GSM258649 CELL  
 92-Osteoblast-d5 GSM258648 CELL  
 91-Chondrocytes GSM258647 CELL  
 90-Chondrocytes GSM258646 CELL  
 89-Nat Helper cell GSM465594 CELL  
 88-Nat Helper cell GSM465593 CELL  
 87-LT cell GSM465592 CELL  
 86-MS-1 GSM234692 CELL  
 85-Lymph-endo-cells GSM143704 CELL  
 84-Lymph-endo-cells GSM481977 CELL  
 83-Lymph-endo-cells GSM481978 CELL  
 82-Lymph-endo-cells GSM481979 CELL  
 81-Lymph-endo-cells GSM481980 CELL  
 80-Lymph-endo-cells GSM481981 CELL  
 79-Lymph-endo-cells GSM481982 CELL  
 78-Lymph-endo-cells GSM481983 CELL  
 77-Lymph-endo-cells GSM481984 CELL  
 76-Lymph-endo-cells GSM481985 CELL  
 75-Lymph-endo-cells GSM481986 CELL  
 74-Lymph-endo-cells GSM481987 CELL  
 73-Lymph-endo-cells GSM481988 CELL  
 72-Lymph-endo-cells GSM481989 CELL  
 71-Lymph-endo-cells GSM481990 CELL  
 70-Lymph-endo-cells GSM481991 CELL  
 69-Lymph-endo-cells GSM481992 CELL  
 68-Lymph-endo-cells GSM481993 CELL  
 67-Lymph-endo-cells GSM481994 CELL  
 66-Lymph-endo-cells GSM481995 CELL  
 65-Lymph-endo-cells GSM481996 CELL  
 64-Lymph-endo-cells GSM481997 CELL  
 63-Lymph-endo-cells GSM481998 CELL  
 62-Lymph-endo-cells GSM481999 CELL  
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 59-Lymph-endo-cells GSM482002 CELL  
 58-Lymph-endo-cells GSM482003 CELL  
 57-Lymph-endo-cells GSM482004 CELL  
 56-Lymph-endo-cells GSM482005 CELL  
 55-Lymph-endo-cells GSM482006 CELL  
 54-Lymph-endo-cells GSM482007 CELL  
 53-Lymph-endo-cells GSM482008 CELL  
 52-Lymph-endo-cells GSM482009 CELL  
 51-Lymph-endo-cells GSM482010 CELL  
 50-Lymph-endo-cells GSM482011 CELL  
 49-Lymph-endo-cells GSM482012 CELL  
 48-Lymph-endo-cells GSM482013 CELL  
 47-Lymph-endo-cells GSM482014 CELL  
 46-Lymph-endo-cells GSM482015 CELL  
 45-Lymph-endo-cells GSM482016 CELL  
 44-Lymph-endo-cells GSM482017 CELL  
 43-Lymph-endo-cells GSM482018 CELL  
 42-Lymph-endo-cells GSM482019 CELL  
 41-Lymph-endo-cells GSM482020 CELL  
 40-Lymph-endo-cells GSM482021 CELL  
 39-Lymph-endo-cells GSM482022 CELL  
 38-Lymph-endo-cells GSM482023 CELL  
 37-Lymph-endo-cells GSM482024 CELL  
 36-Lymph-endo-cells GSM482025 CELL  
 35-Lymph-endo-cells GSM482026 CELL  
 34-Lymph-endo-cells GSM482027 CELL  
 33-Lymph-endo-cells GSM482028 CELL  
 32-Lymph-endo-cells GSM482029 CELL  
 31-Lymph-endo-cells GSM482030 CELL  
 30-Lymph-endo-cells GSM482031 CELL  
 29-Lymph-endo-cells GSM482032 CELL  
 28-Lymph-endo-cells GSM482033 CELL  
 27-Lymph-endo-cells GSM482034 CELL  
 26-Lymph-endo-cells GSM482035 CELL  
 25-Lymph-endo-cells GSM482036 CELL  
 24-Lymph-endo-cells GSM482037 CELL  
 23-Lymph-endo-cells GSM482038 CELL  
 22-Lymph-endo-cells GSM482039 CELL  
 21-Lymph-endo-cells GSM482040 CELL  
 20-Lymph-endo-cells GSM482041 CELL  
 19-Lymph-endo-cells GSM482042 CELL  
 18-Lymph-endo-cells GSM482043 CELL  
 17-Lymph-endo-cells GSM482044 CELL  
 16-Lymph-endo-cells GSM482045 CELL  
 15-Lymph-endo-cells GSM482046 CELL  
 14-Lymph-endo-cells GSM482047 CELL  
 13-Lymph-endo-cells GSM482048 CELL  
 12-Lymph-endo-cells GSM482049 CELL  
 11-Lymph-endo-cells GSM482050 CELL  
 10-Lymph-endo-cells GSM482051 CELL  
 9-Lymph-endo-cells GSM482052 CELL  
 8-Lymph-endo-cells GSM482053 CELL  
 7-Lymph-endo-cells GSM482054 CELL  
 6-Lymph-endo-cells GSM482055 CELL  
 5-Lymph-endo-cells GSM482056 CELL  
 4-Lymph-endo-cells GSM482057 CELL  
 3-Lymph-endo-cells GSM482058 CELL  
 2-Lymph-endo-cells GSM482059 CELL  
 1-Lymph-endo-cells GSM482060 CELL



Cluster0081\_Phagocyte-related (26 nodes)

2,795.8  
2,648.6  
2,501.5  
2,354.3  
2,207.2  
2,060  
1,912.9  
1,765.7  
1,618.6  
1,471.5  
1,324.3  
1,177.2  
1,030  
882.9  
735.7  
588.6  
441.4  
294.3  
147.1  
0

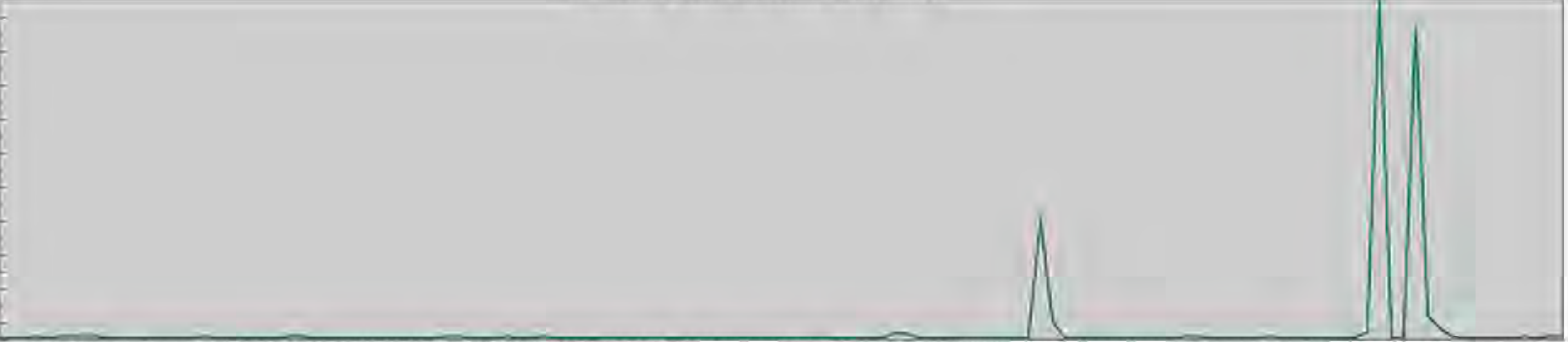


01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-V-M-cells\_GSM190792.CEL  
 05-CT-V-M-cells\_GSM190793.CEL  
 06-CT-V-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1-GSM116357.CEL  
 27-Paneth-cells-Gf-1-GSM116357.CEL  
 28-Paneth-cells-Gf-1-GSM116357.CEL  
 29-Bone marrow\_GSM258628.CEL  
 30-HSC\_GSM258770.CEL  
 31-MEP\_GSM258771.CEL  
 32-MEP\_GSM258772.CEL  
 33-MEP\_GSM258773.CEL  
 34-MEP\_GSM258774.CEL  
 35-MEP\_GSM258775.CEL  
 36-MEP\_GSM258776.CEL  
 37-MEP\_GSM258777.CEL  
 38-MEP\_GSM258778.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells-GM+Ad-GSM258718.CEL  
 42-Mast-cells-GM+Ad-GSM258714.CEL  
 43-Mast-cells-GM+Ad-GSM258713.CEL  
 44-Mast-cells-GM+Ad-GSM258714.CEL  
 45-Mast-cells-GM+Ad-GSM258718.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258731.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
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 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
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 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
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 69-T-cells-CD8+GSM258775.CEL  
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 73-Tregs\_GSM258778.CEL  
 74-BAF3\_GSM258620.CEL  
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 76-MZ-Bcell\_GSM258621.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
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 81-Follicular-Bcells\_GSM258664.CEL  
 82-Follicular-Bcells\_GSM258664.CEL  
 83-Follicular-Bcells\_GSM258664.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-PP-FDC\_GSM481977.CEL  
 86-PP-FDC\_GSM481978.CEL  
 87-PP-FDC\_GSM481979.CEL  
 88-PP-FDC\_GSM481979.CEL  
 89-PP-FDC\_GSM481979.CEL  
 90-PP-FDC\_GSM481979.CEL  
 91-PP-FDC\_GSM481979.CEL  
 92-PP-FDC\_GSM481979.CEL  
 93-PP-FDC\_GSM481979.CEL  
 94-PP-FDC\_GSM481979.CEL  
 95-PP-FDC\_GSM481979.CEL  
 96-PP-FDC\_GSM481979.CEL  
 97-PP-FDC\_GSM481979.CEL  
 98-PP-FDC\_GSM481979.CEL  
 99-PP-FDC\_GSM481979.CEL  
 100-PP-FDC\_GSM481979.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-NH3T3\_GSM258739.CEL  
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 129-NH3T3\_GSM258739.CEL  
 130-NH3T3\_GSM258739.CEL



Cluster0082\_Proteolysis-related (25 nodes)

5,944.1  
5,631.2  
5,318.4  
5,005.5  
4,692.7  
4,379.9  
4,067  
3,754.2  
3,441.3  
3,128.5  
2,815.6  
2,502.8  
2,189.9  
1,877.1  
1,564.2  
1,251.4  
938.5  
825.7  
312.8  
0

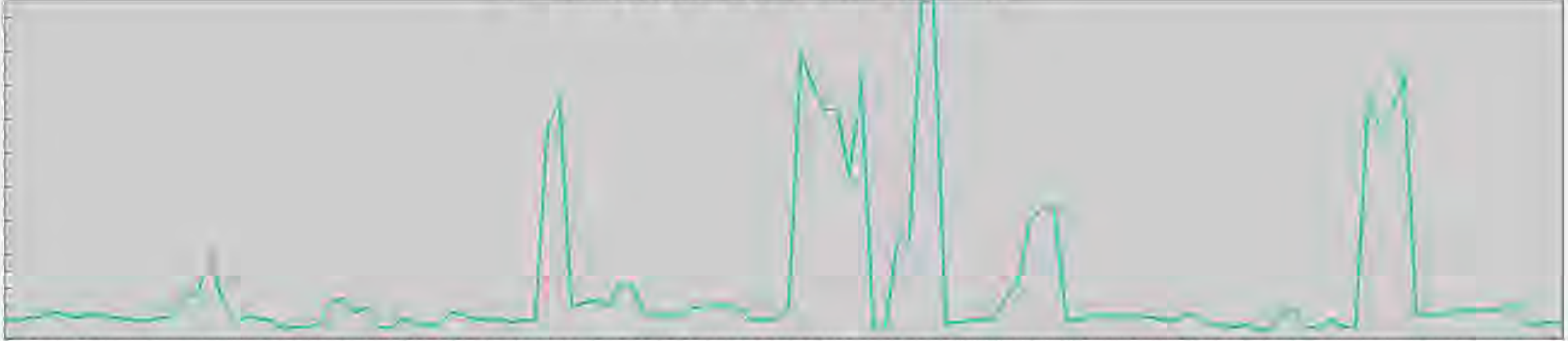


30- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 128- NALT GSM289409 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258674 CELL  
 118- Intestine-small GSM258673 CELL  
 117- Lymph-nodes GSM258672 CELL  
 116- Spleen GSM258671 CELL  
 115- Spleen GSM258670 CELL  
 114- Neuro2a GSM258669 CELL  
 113- Neuro2a GSM258668 CELL  
 112- Astrocytes GSM241898 CELL  
 111- Astrocytes GSM241897 CELL  
 110- mimb GSM2586725 CELL  
 109- mimb GSM2586724 CELL  
 108- MIMCD3 GSM2586723 CELL  
 107- MIMCD3 GSM2586722 CELL  
 106- Bruce4 GSM2586721 CELL  
 105- Bruce4 GSM2586720 CELL  
 104- C2C12 GSM2586719 CELL  
 103- C2C12 GSM2586718 CELL  
 102- NIH3T3 GSM2586739 CELL  
 101- NIH3T3 GSM2586738 CELL  
 100- 3T3-L1 GSM2586737 CELL  
 99- 3T3-L1 GSM2586736 CELL  
 98- 10T1/2 GSM2586932 CELL  
 97- 10T1/2 GSM2586931 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Chondrocytes GSM266740 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- T cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- P-PDC GSM481977 CELL  
 82- P-PDC GSM481978 CELL  
 81- P-PDC GSM481976 CELL  
 80- FLY RMLNDCC003001 CELL  
 79- FLY RMLNDCC003001 CELL  
 78- Follicular-B-cells GSM258664 CELL  
 77- Follicular-B-cells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258627 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258774 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- T-cells-CD4+ GSM258744 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Osteoclasts GSM258743 CELL  
 63- Microglia GSM258721 CELL  
 62- Microglia GSM258721 CELL  
 61- MM-LPS-7h GSM268706 CELL  
 60- MM-LPS-7h GSM268706 CELL  
 59- MM-LPS-6h GSM268700 CELL  
 58- MM-LPS-6h GSM268699 CELL  
 57- MM-LPS-6h GSM268699 CELL  
 56- MM-LPS-6h GSM268694 CELL  
 55- MM-LPS-6h GSM268694 CELL  
 54- BMM-LPS-6h GSM258694 CELL  
 53- BMM-LPS-6h GSM258694 CELL  
 52- BMM-LPS-6h GSM258694 CELL  
 51- BMM-LPS-6h GSM258694 CELL  
 50- CD8a-DC GSM258647 CELL  
 49- CD8a-DC GSM258647 CELL  
 48- CD8a+DC GSM258646 CELL  
 47- NK-cells GSM258732 CELL  
 46- NK-cells GSM258732 CELL  
 45- Mast-cells-IgE+Ad GSM258718 CELL  
 44- Mast-cells-IgE+Ad GSM258717 CELL  
 43- Mast-cells-IgE GSM258714 CELL  
 42- Mast-cells-IgE GSM258713 CELL  
 41- Mast-cells GSM258712 CELL  
 40- Mast-cells GSM258712 CELL  
 39- Granulocytes GSM258667 CELL  
 38- Granulocytes GSM258667 CELL  
 37- GMF GSM258666 CELL  
 36- GMF GSM258666 CELL  
 35- GMF GSM258666 CELL  
 34- GMF GSM258666 CELL  
 33- MUEP GSM2586720 CELL  
 32- MUEP GSM2586719 CELL  
 31- HSC GSM258770 CELL  
 30- HSC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116357 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002901 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP001001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-w-M-cells GSM190794 CELL  
 05- CT-y-M-cells GSM190793 CELL  
 04- CT-y-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0083\_High in NKcells, T cells and B cells (25 nodes)

2,371.9  
2,247.1  
2,122.2  
1,997.4  
1,872.6  
1,747.7  
1,622.9  
1,498.1  
1,373.2  
1,248.4  
1,123.5  
998.7  
873.9  
749  
624.2  
499.4  
374.5  
249.7  
124.8  
0

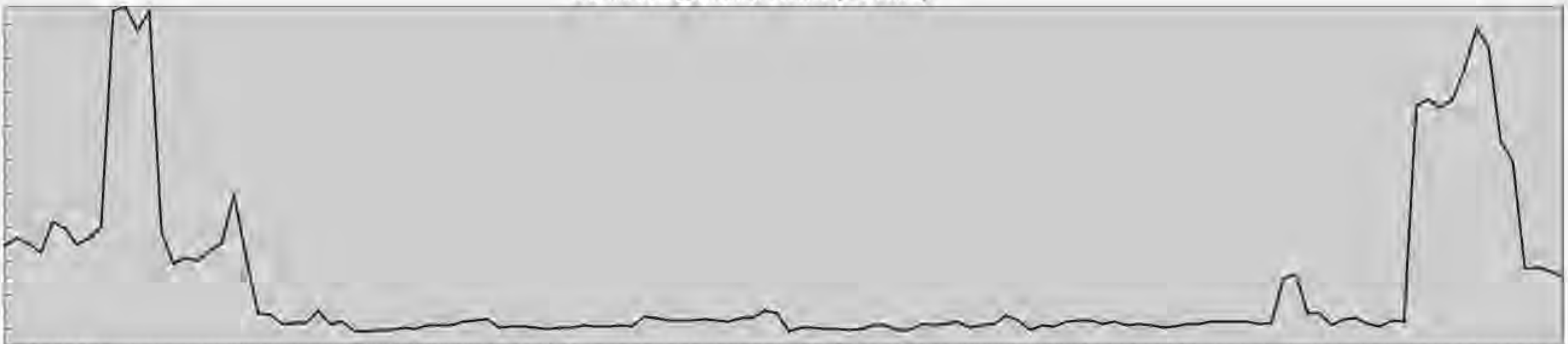


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258768.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258727.CEL  
112-Neuro2a GSM241898.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDC003001.CEL  
79-F-LY RMLNDC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258744.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7h GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-CMP GSM258642.CEL  
34-MEP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0084\_Intestine-related (25 nodes)

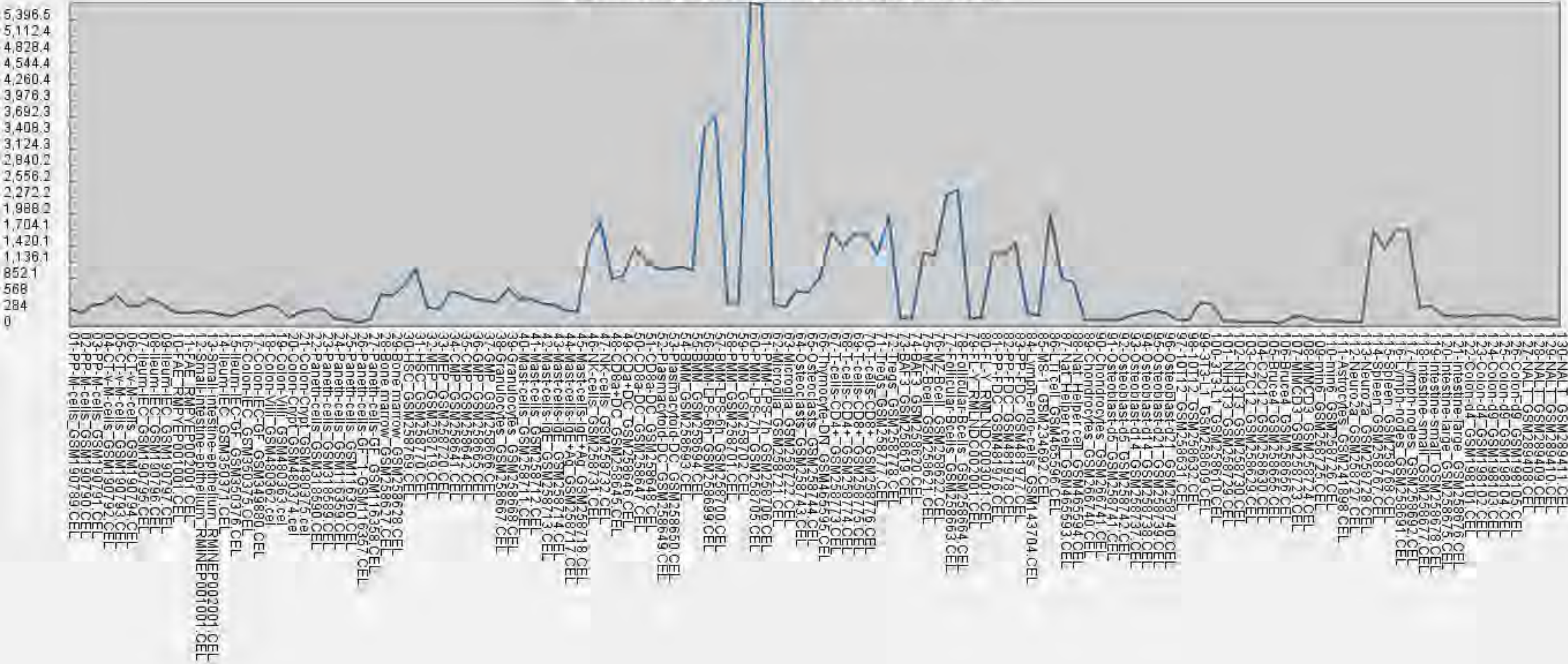
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1,217  
1,145.4  
1,073.6  
1,002.9  
930.7  
859.1  
787.5  
715.9  
644.3  
572.7  
501.1  
429.5  
357.9  
286.4  
214.8  
143.2  
71.6  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190791.CEL  
 03-PP-M-cells\_GSM190792.CEL  
 04-CT-Y-M-cells\_GSM190793.CEL  
 05-CT-Y-M-cells\_GSM190794.CEL  
 06-CT-W-M-cells\_GSM190795.CEL  
 07-Ileum-IEC\_GSM190796.CEL  
 08-Ileum-IEC\_GSM190797.CEL  
 09-Ileum-IEC\_GSM190798.CEL  
 10-FAE-RMPYE001001.CEL  
 11-FAE-RMPYE001001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Color-VIII\_GSM480362.CEL  
 17-Color-VIII\_GSM480362.CEL  
 18-Color-VIII\_GSM480362.CEL  
 19-Color-VIII\_GSM480362.CEL  
 20-Color-Crypt\_GSM480374.CEL  
 21-Color-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-GF-1-GSM116357.CEL  
 27-Paneth-cells-GF-1-GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-NALT\_GSM289411.CEL  
 31-NALT\_GSM289410.CEL  
 32-NALT\_GSM289409.CEL  
 33-NALT\_GSM289408.CEL  
 34-Color-d9-GSM198810.CEL  
 35-Color-d9-GSM198810.CEL  
 36-Color-d9-GSM198810.CEL  
 37-Color-d9-GSM198810.CEL  
 38-Color-d4-GSM198810.CEL  
 39-Color-d4-GSM198810.CEL  
 40-Intestine-large\_GSM258676.CEL  
 41-Intestine-large\_GSM258675.CEL  
 42-Intestine-small\_GSM258677.CEL  
 43-Intestine-small\_GSM258677.CEL  
 44-Spleen\_GSM258728.CEL  
 45-Spleen\_GSM258728.CEL  
 46-Neuro2a\_GSM241898.CEL  
 47-Neuro2a\_GSM241898.CEL  
 48-Astrocytes\_GSM241898.CEL  
 49-mimb\_GSM258725.CEL  
 50-mimb\_GSM258725.CEL  
 51-mimb\_GSM258725.CEL  
 52-MIMCD3\_GSM258723.CEL  
 53-MIMCD3\_GSM258723.CEL  
 54-Brice4\_GSM258690.CEL  
 55-Brice4\_GSM258690.CEL  
 56-Brice4\_GSM258690.CEL  
 57-NH3T3\_GSM258730.CEL  
 58-NH3T3\_GSM258730.CEL  
 59-3T3-L1\_GSM258610.CEL  
 60-3T3-L1\_GSM258610.CEL  
 61-3T3-L1\_GSM258610.CEL  
 62-10T12\_GSM258631.CEL  
 63-10T12\_GSM258631.CEL  
 64-10T12\_GSM258631.CEL  
 65-Osteoblast-d21\_GSM258740.CEL  
 66-Osteoblast-d21\_GSM258739.CEL  
 67-Osteoblast-d14\_GSM258738.CEL  
 68-Osteoblast-d14\_GSM258737.CEL  
 69-Osteoblast-d5\_GSM258742.CEL  
 70-Osteoblast-d5\_GSM258741.CEL  
 71-Chondrocytes\_GSM2586741.CEL  
 72-Chondrocytes\_GSM2586740.CEL  
 73-Nat Helper cell\_GSM465594.CEL  
 74-Nat Helper cell\_GSM465594.CEL  
 75-LT cell\_GSM465596.CEL  
 76-MS-1\_GSM234692.CEL  
 77-Lymph-endo-cells\_GSM143704.CEL  
 78-Lymph-endo-cells\_GSM143704.CEL  
 79-PP-FDC\_GSM481977.CEL  
 80-PP-FDC\_GSM481978.CEL  
 81-PP-FDC\_GSM481978.CEL  
 82-PP-FDC\_GSM481978.CEL  
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 86-PP-FDC\_GSM481978.CEL  
 87-PP-FDC\_GSM481978.CEL  
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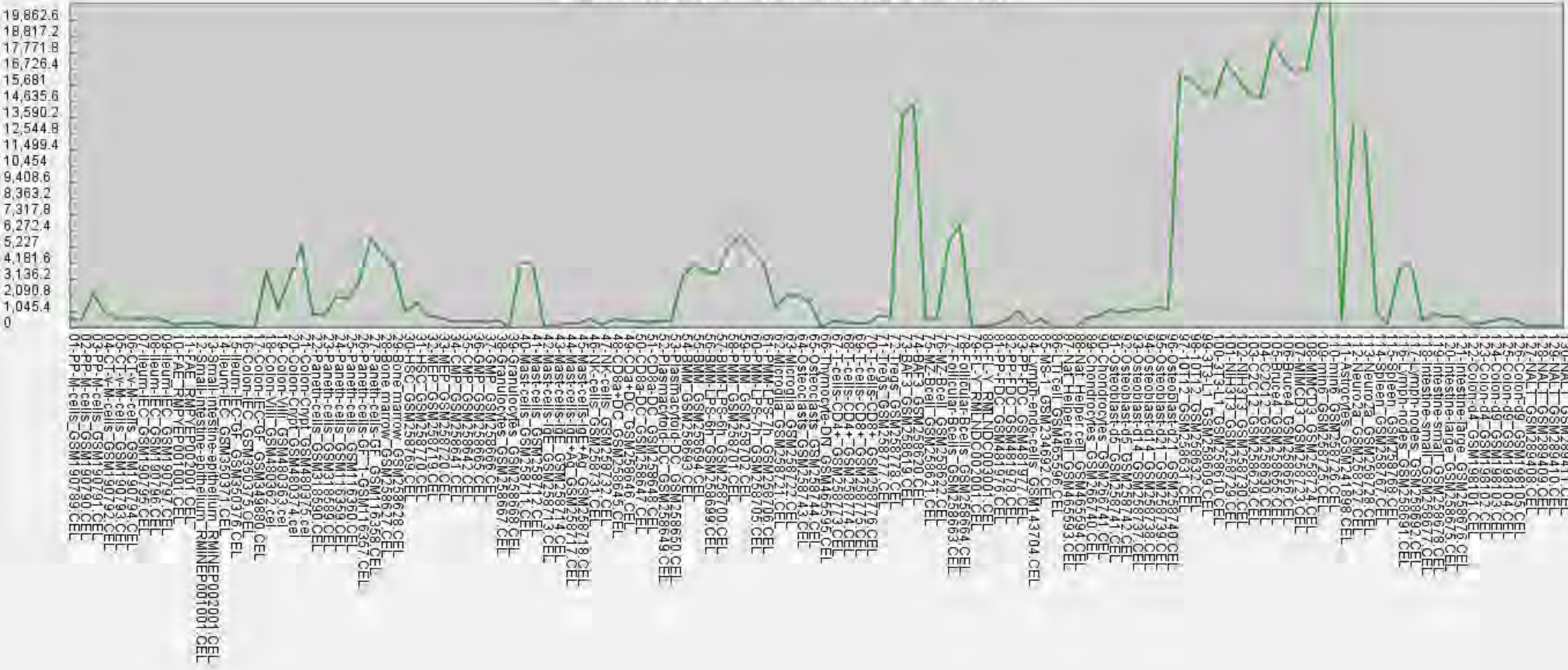


Cluster0085\_High in haematopoietic cells (25 nodes)





Cluster0086\_Affymetrix control probe sets (24 nodes)





Cluster0087\_House keeping-cell cycle (24 nodes)

1,267.4  
1,200.7  
1,134  
1,067.3  
1,000.6  
933.9  
867.2  
800.5  
733.8  
667  
600.3  
533.6  
466.9  
400.2  
333.5  
266.8  
200.1  
133.4  
66.7  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-L-Y RMLNDCC003001.CEL  
79-L-Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-LPS-7h GSM258706.CEL  
60-PM-M-LPS-7h GSM258705.CEL  
59-PM-M-LPS-7h GSM258702.CEL  
58-PM-M-LPS-6h GSM258701.CEL  
57-PM-M-LPS-6h GSM258699.CEL  
56-PM-M-LPS-6h GSM258699.CEL  
55-BMM GSM258694.CEL  
54-BMM GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0088\_Low in some Paneth cells (23 nodes)

109.5  
103.7  
98  
92.2  
86.4  
80.7  
74.9  
69.1  
63.4  
57.6  
51.9  
46.1  
40.3  
34.6  
28.8  
23  
17.3  
11.5  
5.8  
0

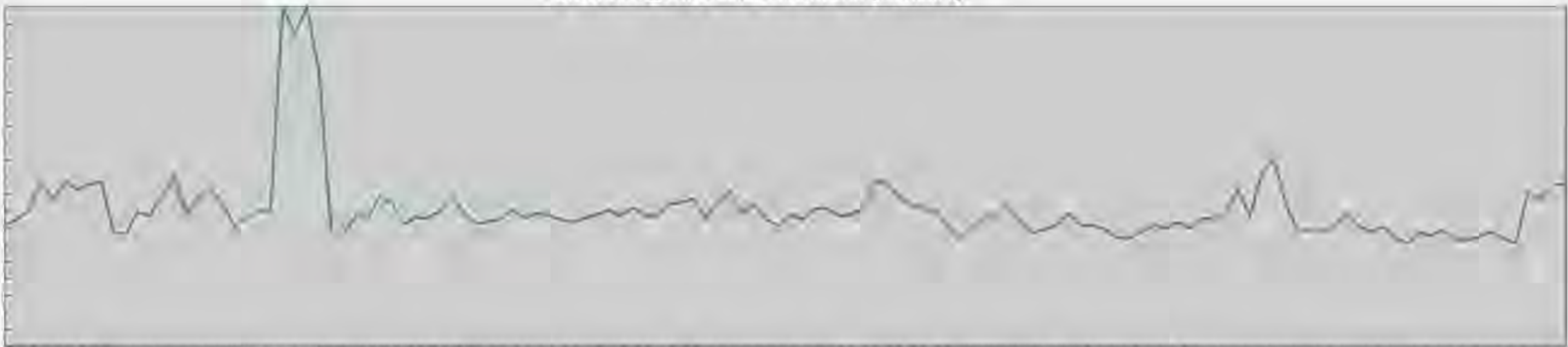


30-NALT GSM289411 CELL  
 128-NALT GSM289410 CELL  
 127-NALT GSM289409 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988103 CELL  
 124-Color-d9 GSM1988104 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258678 CELL  
 118-Intestine-small GSM258677 CELL  
 117-Lymph-nodes GSM258691 CELL  
 116-Spleen GSM258766 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258768 CELL  
 113-Neuro2a GSM241898 CELL  
 112-Neuro2a GSM241899 CELL  
 111-Astrocytes GSM241898 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258655 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258739 CELL  
 101-NH3T3 GSM258739 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-LY RMLNDCC003001 CELL  
 79-LY RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Microglia GSM258721 CELL  
 63-Microglia GSM258721 CELL  
 62-MM-LPS-7h GSM268705 CELL  
 61-MM-LPS-7h GSM268705 CELL  
 60-MM-LPS-6h GSM258702 CELL  
 59-MM-LPS-6h GSM258701 CELL  
 58-MM-LPS-6h GSM258699 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258694 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-Ismacryoid-DC GSM258650 CELL  
 53-Ismacryoid-DC GSM258649 CELL  
 52-CD8a-DC GSM258647 CELL  
 51-CD8a-DC GSM258647 CELL  
 50-CD8a+DC GSM258646 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-NK-cells GSM258732 CELL  
 47-NK-cells GSM258731 CELL  
 46-Mast-cells-IgE+Ad GSM258718 CELL  
 45-Mast-cells-IgE+Ad GSM258717 CELL  
 44-Mast-cells-IgE GSM258714 CELL  
 43-Mast-cells-IgE GSM258713 CELL  
 42-Mast-cells GSM258712 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258667 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-GMP GSM258642 CELL  
 34-MUEP GSM258720 CELL  
 33-MUEP GSM258719 CELL  
 32-HESC GSM258770 CELL  
 31-HESC GSM258770 CELL  
 30-Bone marrow GSM258628 CELL  
 29-Bone marrow GSM258627 CELL  
 28-Paneth-cells-GE GSM116358 CELL  
 27-Paneth-cells-GE GSM116357 CELL  
 26-Paneth-cells GSM116350 CELL  
 25-Paneth-cells GSM116359 CELL  
 24-Paneth-cells GSM318589 CELL  
 23-Paneth-cells GSM318589 CELL  
 22-Color-Crypt GSM480375 CELL  
 21-Color-Crypt GSM480374 CELL  
 20-Color-Vill GSM480363 CELL  
 19-Color-Vill GSM480362 CELL  
 18-Color-Vill GSM480362 CELL  
 17-Color-IEC-Gf GSM349880 CELL  
 16-Color-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002901 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-w-M-cells GSM190794 CELL  
 05-CT-w-M-cells GSM190793 CELL  
 04-CT-y-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0089\_Low in some Paneth cells (22 nodes)

73.7  
69.8  
65.9  
62  
58.2  
54.3  
50.4  
46.5  
42.7  
38.8  
34.9  
31  
27.1  
23.3  
19.4  
15.5  
11.6  
7.8  
3.9  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-paneth-cells GSM1988105 CELL  
125-paneth-cells GSM1988104 CELL  
124-paneth-cells GSM1988103 CELL  
123-paneth-cells GSM1988102 CELL  
122-paneth-cells GSM318589 CELL  
121-paneth-cells GSM318590 CELL  
120-paneth-cells GSM480375 cel  
119-paneth-cells GSM480374 cel  
118-paneth-cells GSM480363 cel  
117-paneth-cells GSM480362 cel  
116-paneth-cells GSM349880 CELL  
115-paneth-cells GSM116350 CELL  
114-paneth-cells GSM116357 CELL  
113-paneth-cells GSM116359 CELL  
112-paneth-cells GSM318589 CELL  
111-paneth-cells GSM318590 CELL  
110-paneth-cells GSM480375 cel  
109-paneth-cells GSM480374 cel  
108-paneth-cells GSM480363 cel  
107-paneth-cells GSM480362 cel  
106-paneth-cells GSM349880 CELL  
105-paneth-cells GSM116350 CELL  
104-paneth-cells GSM116357 CELL  
103-paneth-cells GSM116359 CELL  
102-paneth-cells GSM318589 CELL  
101-paneth-cells GSM318590 CELL  
100-paneth-cells GSM480375 cel  
99-paneth-cells GSM480374 cel  
98-paneth-cells GSM480363 cel  
97-paneth-cells GSM480362 cel  
96-paneth-cells GSM349880 CELL  
95-paneth-cells GSM116350 CELL  
94-paneth-cells GSM116357 CELL  
93-paneth-cells GSM116359 CELL  
92-paneth-cells GSM318589 CELL  
91-paneth-cells GSM318590 CELL  
90-paneth-cells GSM480375 cel  
89-paneth-cells GSM480374 cel  
88-paneth-cells GSM480363 cel  
87-paneth-cells GSM480362 cel  
86-paneth-cells GSM349880 CELL  
85-paneth-cells GSM116350 CELL  
84-paneth-cells GSM116357 CELL  
83-paneth-cells GSM116359 CELL  
82-paneth-cells GSM318589 CELL  
81-paneth-cells GSM318590 CELL  
80-paneth-cells GSM480375 cel  
79-paneth-cells GSM480374 cel  
78-paneth-cells GSM480363 cel  
77-paneth-cells GSM480362 cel  
76-paneth-cells GSM349880 CELL  
75-paneth-cells GSM116350 CELL  
74-paneth-cells GSM116357 CELL  
73-paneth-cells GSM116359 CELL  
72-paneth-cells GSM318589 CELL  
71-paneth-cells GSM318590 CELL  
70-paneth-cells GSM480375 cel  
69-paneth-cells GSM480374 cel  
68-paneth-cells GSM480363 cel  
67-paneth-cells GSM480362 cel  
66-paneth-cells GSM349880 CELL  
65-paneth-cells GSM116350 CELL  
64-paneth-cells GSM116357 CELL  
63-paneth-cells GSM116359 CELL  
62-paneth-cells GSM318589 CELL  
61-paneth-cells GSM318590 CELL  
60-paneth-cells GSM480375 cel  
59-paneth-cells GSM480374 cel  
58-paneth-cells GSM480363 cel  
57-paneth-cells GSM480362 cel  
56-paneth-cells GSM349880 CELL  
55-paneth-cells GSM116350 CELL  
54-paneth-cells GSM116357 CELL  
53-paneth-cells GSM116359 CELL  
52-paneth-cells GSM318589 CELL  
51-paneth-cells GSM318590 CELL  
50-paneth-cells GSM480375 cel  
49-paneth-cells GSM480374 cel  
48-paneth-cells GSM480363 cel  
47-paneth-cells GSM480362 cel  
46-paneth-cells GSM349880 CELL  
45-paneth-cells GSM116350 CELL  
44-paneth-cells GSM116357 CELL  
43-paneth-cells GSM116359 CELL  
42-paneth-cells GSM318589 CELL  
41-paneth-cells GSM318590 CELL  
40-paneth-cells GSM480375 cel  
39-paneth-cells GSM480374 cel  
38-paneth-cells GSM480363 cel  
37-paneth-cells GSM480362 cel  
36-paneth-cells GSM349880 CELL  
35-paneth-cells GSM116350 CELL  
34-paneth-cells GSM116357 CELL  
33-paneth-cells GSM116359 CELL  
32-paneth-cells GSM318589 CELL  
31-paneth-cells GSM318590 CELL  
30-paneth-cells GSM480375 cel  
29-paneth-cells GSM480374 cel  
28-paneth-cells GSM480363 cel  
27-paneth-cells GSM480362 cel  
26-paneth-cells GSM349880 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116357 CELL  
23-paneth-cells GSM116359 CELL  
22-paneth-cells GSM318589 CELL  
21-paneth-cells GSM318590 CELL  
20-paneth-cells GSM480375 cel  
19-paneth-cells GSM480374 cel  
18-paneth-cells GSM480363 cel  
17-paneth-cells GSM480362 cel  
16-paneth-cells GSM349880 CELL  
15-paneth-cells GSM116350 CELL  
14-paneth-cells GSM116357 CELL  
13-paneth-cells GSM116359 CELL  
12-paneth-cells GSM318589 CELL  
11-paneth-cells GSM318590 CELL  
10-paneth-cells GSM480375 cel  
09-paneth-cells GSM480374 cel  
08-paneth-cells GSM480363 cel  
07-paneth-cells GSM480362 cel  
06-paneth-cells GSM349880 CELL  
05-paneth-cells GSM116350 CELL  
04-paneth-cells GSM116357 CELL  
03-paneth-cells GSM116359 CELL  
02-paneth-cells GSM318589 CELL  
01-paneth-cells GSM318590 CELL



Cluster0090\_Low in some Paneth cells (22 nodes)



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-GF\_GSM349880.CEL  
 17-Colon-IEC-GF\_GSM350375.CEL  
 18-Colon-Vill\_GSM480362.CEL  
 19-Colon-Vill\_GSM480363.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells-GF-1\_GSM116357.CEL  
 26-Paneth-cells-GF-1\_GSM116357.CEL  
 27-Paneth-cells-GF-1\_GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-GMP\_GSM258665.CEL  
 36-GMP\_GSM258665.CEL  
 37-GMP\_GSM258665.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258711.CEL  
 41-Mast-cells\_GSM258711.CEL  
 42-Mast-cells-IgE\_GSM258713.CEL  
 43-Mast-cells-IgE\_GSM258714.CEL  
 44-Mast-cells-IgE+Ad\_GSM258718.CEL  
 45-Mast-cells-IgE+Ad\_GSM258718.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258731.CEL  
 48-CD8a+DC\_GSM258645.CEL  
 49-CD8a+DC\_GSM258645.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258650.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258699.CEL  
 57-BMM-LPS-6h\_GSM258699.CEL  
 58-PMM-GSM258702.CEL  
 59-PMM-GSM258702.CEL  
 60-PMM-LPS-7h\_GSM258705.CEL  
 61-PMM-LPS-7h\_GSM258705.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258744.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258774.CEL  
 70-T-cells-CD8+\_GSM258774.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258619.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258621.CEL  
 76-MZ-Bcell\_GSM258621.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-FLY-RMLNDC002001.CEL  
 80-FLY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481978.CEL  
 82-PP-FDC\_GSM481978.CEL  
 83-PP-FDC\_GSM481978.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266740.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258729.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258656.CEL  
 106-Bruce4\_GSM258656.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Lymph-nodes\_GSM258691.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258678.CEL  
 121-Intestine-large\_GSM258678.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198101.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198103.CEL  
 126-Colon-d9\_GSM198104.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0091\_House keeping (22 nodes)

1,028.9  
974.8  
920.6  
866.5  
812.3  
758.2  
704  
649.8  
595.7  
541.5  
487.4  
433.2  
379.1  
324.9  
270.8  
216.6  
162.5  
108.3  
54.2  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988104.CEL  
125-Colon-d9 GSM1988103.CEL  
124-Colon-d9 GSM1988102.CEL  
123-Colon-d4 GSM1988101.CEL  
122-Colon-d4 GSM1988100.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258679.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258768.CEL  
113-Neuro2a GSM258727.CEL  
112-Neuro2a GSM241898.CEL  
111-Astrocytes GSM241899.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endg-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLND C003001.CEL  
79-LY-RMLND C003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258705.CEL  
60-MM-LPS-6h GSM258702.CEL  
59-MM-LPS-6h GSM258701.CEL  
58-MM-LPS-6h GSM258699.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258694.CEL  
55-MM-LPS-6h GSM258694.CEL  
54-Plasmacytoid-DC GSM258650.CEL  
53-Plasmacytoid-DC GSM258649.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a+DC GSM258646.CEL  
49-CD8a+DC GSM258646.CEL  
48-NK-cells GSM258732.CEL  
47-NK-cells GSM258731.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258667.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0092\_Mesenchyme-related (22 nodes)

1,924.8  
1,823.5  
1,722.2  
1,620.9  
1,519.6  
1,418.3  
1,316.9  
1,215.6  
1,114.3  
1,013  
911.7  
810.4  
709.1  
607.8  
506.5  
405.2  
303.9  
202.6  
101.3  
0

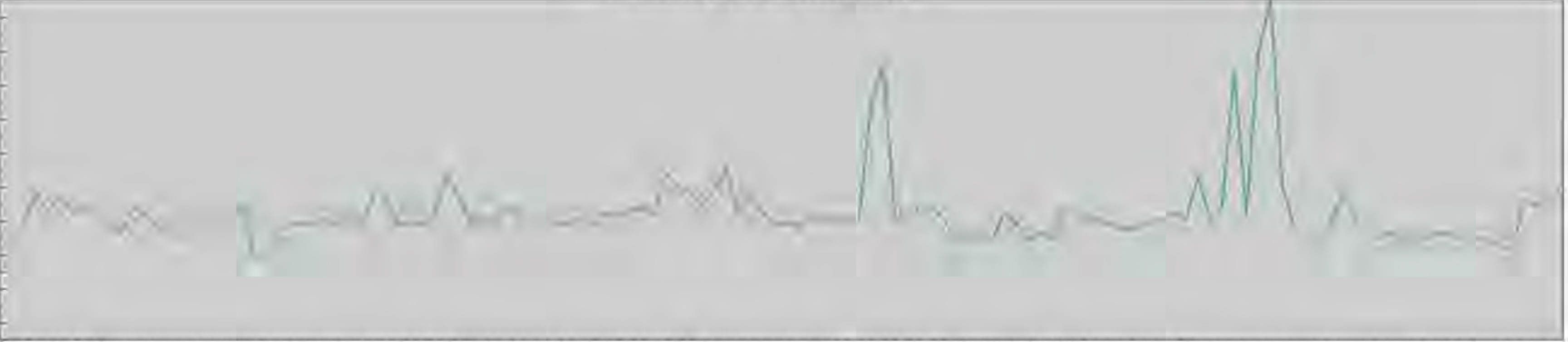


01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-V-M-cells\_GSM190792.CEL  
 05-CT-V-M-cells\_GSM190793.CEL  
 06-CT-V-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-IEC-Gf\_GSM350375.CEL  
 18-Colon-Vill-GSM480362.CEL  
 19-Colon-Vill-GSM480363.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1-GSM116357.CEL  
 27-Paneth-cells-Gf-1-GSM116357.CEL  
 28-Paneth-cells-Gf-1-GSM116357.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-MEP\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-MEP\_GSM258770.CEL  
 36-MEP\_GSM258770.CEL  
 37-MEP\_GSM258770.CEL  
 38-MEP\_GSM258770.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258771.CEL  
 41-Mast-cells\_GSM258771.CEL  
 42-Mast-cells-Gf-GSM258771.CEL  
 43-Mast-cells-Gf-GSM258771.CEL  
 44-Mast-cells-Gf-GSM258771.CEL  
 45-Mast-cells-Gf-GSM258771.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a+DC\_GSM258647.CEL  
 51-CD8a+DC\_GSM258647.CEL  
 52-CD8a+DC\_GSM258647.CEL  
 53-CD8a+DC\_GSM258647.CEL  
 54-CD8a+DC\_GSM258647.CEL  
 55-CD8a+DC\_GSM258647.CEL  
 56-CD8a+DC\_GSM258647.CEL  
 57-CD8a+DC\_GSM258647.CEL  
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 59-CD8a+DC\_GSM258647.CEL  
 60-CD8a+DC\_GSM258647.CEL  
 61-CD8a+DC\_GSM258647.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258775.CEL  
 70-T-cells-CD8+\_GSM258775.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-Tregs\_GSM258778.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258622.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258653.CEL  
 78-Follicular-Bcells\_GSM258653.CEL  
 79-Follicular-Bcells\_GSM258653.CEL  
 80-LY-RMLNDC002001.CEL  
 81-LY-RMLNDC003001.CEL  
 82-LY-RMLNDC003001.CEL  
 83-LY-RMLNDC003001.CEL  
 84-LY-RMLNDC003001.CEL  
 85-LY-RMLNDC003001.CEL  
 86-LY-RMLNDC003001.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465593.CEL  
 89-Nat Helper cell\_GSM465593.CEL  
 90-Chondrocytes\_GSM258741.CEL  
 91-Chondrocytes\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d5\_GSM258742.CEL  
 94-Osteoblast-d14\_GSM258737.CEL  
 95-Osteoblast-d21\_GSM258738.CEL  
 96-Osteoblast-d21\_GSM258738.CEL  
 97-Osteoblast-d21\_GSM258631.CEL  
 98-Osteoblast-d21\_GSM258631.CEL  
 99-Osteoblast-d21\_GSM258631.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-3T3-L1\_GSM258610.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-NH3T3\_GSM258739.CEL  
 104-C2C12\_GSM258629.CEL  
 105-C2C12\_GSM258629.CEL  
 106-Bruce4\_GSM258656.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258767.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258692.CEL  
 119-Intestine-small\_GSM258692.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258675.CEL  
 122-Intestine-large\_GSM258675.CEL  
 123-Colon-d4\_GSM198810.CEL  
 124-Colon-d4\_GSM198810.CEL  
 125-Colon-d9\_GSM198810.CEL  
 126-Colon-d9\_GSM198810.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0093\_Uncertain (22 nodes)

82  
77.7  
73.4  
69.1  
64.8  
60.4  
56.1  
51.8  
47.5  
43.2  
38.9  
34.5  
30.2  
25.9  
21.6  
17.3  
13  
8.6  
4.3  
0



130- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 128- NALT GSM289409 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258678 CELL  
 118- Intestine-small GSM258692 CELL  
 117- Lymph-nodes GSM258691 CELL  
 116- Lymph-nodes GSM258726 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258768 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258727 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258726 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258724 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258656 CELL  
 105- Bruce4 GSM258655 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258689 CELL  
 102- NIH3T3 GSM258739 CELL  
 101- NIH3T3 GSM258738 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T12 GSM258632 CELL  
 97- 10T12 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Nat Helper cell GSM465594 CELL  
 88- Nat Helper cell GSM465593 CELL  
 87- T cell GSM465596 CELL  
 86- T cell GSM465595 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- PP-FDC GSM481977 CELL  
 82- PP-FDC GSM481978 CELL  
 81- PP-FDC GSM481976 CELL  
 80- FLY RMLNDC002001 CELL  
 79- FLY RMLNDC002001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258621 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258774 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- T-cells-CD4+ GSM258744 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- PMM-7h GSM268706 CELL  
 61- PMM-7h GSM268705 CELL  
 60- PMM-LPS-7h GSM268702 CELL  
 59- PMM-LPS-6h GSM258701 CELL  
 58- PMM-LPS-6h GSM258700 CELL  
 57- BMM-LPS-6h GSM268699 CELL  
 56- BMM-LPS-6h GSM268699 CELL  
 55- BMM GSM258694 CELL  
 54- BMM GSM258694 CELL  
 53- Plasmacytoid-DC GSM258650 CELL  
 52- CD8a-DC GSM258649 CELL  
 51- CD8a-DC GSM258647 CELL  
 50- CD8a-DC GSM258647 CELL  
 49- CD8a+DC GSM258646 CELL  
 48- CD8a+DC GSM258645 CELL  
 47- NK-cells GSM258732 CELL  
 46- NK-cells GSM258731 CELL  
 45- Mast-cells-IgE+Ad GSM258718 CELL  
 44- Mast-cells-IgE+Ad GSM258717 CELL  
 43- Mast-cells-IgE GSM258714 CELL  
 42- Mast-cells-IgE GSM258713 CELL  
 41- Mast-cells GSM258712 CELL  
 40- Mast-cells GSM258711 CELL  
 39- Granulocytes GSM258668 CELL  
 38- Granulocytes GSM258667 CELL  
 37- GMP GSM258666 CELL  
 36- GMP GSM258665 CELL  
 35- GMP GSM258642 CELL  
 34- GMP GSM258642 CELL  
 33- MIEP GSM258720 CELL  
 32- MIEP GSM258719 CELL  
 31- HESC GSM258770 CELL  
 30- HESC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116350 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 cel  
 20- Colon-Crypt GSM480374 cel  
 19- Colon-Vill GSM480363 cel  
 18- Colon-Vill GSM480362 cel  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002001 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE RMPYEP002001 CELL  
 10- FAE RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- CT-v-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



### Cluster0094\_High in astrocytes & Neuro2A cells (22 nodes)

468.4  
443.8  
419.1  
394.5  
369.8  
345.2  
320.5  
295.9  
271.2  
246.5  
221.9  
197.2  
172.6  
147.9  
123.3  
98.6  
74  
49.3  
24.7  
0

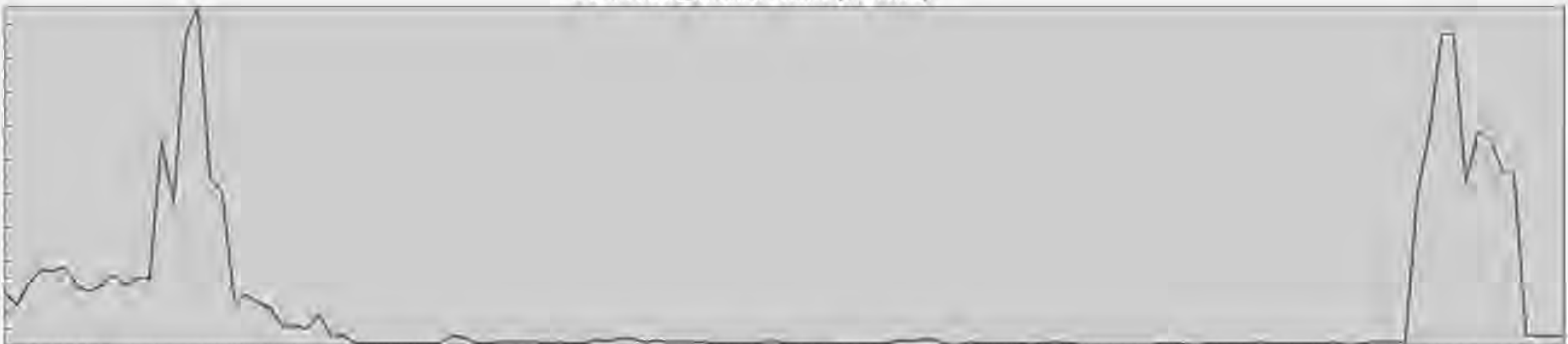


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126- Colon-d9 GSM1988105 CELL  
125- Colon-d9 GSM1988104 CELL  
124- Colon-d9 GSM1988103 CELL  
123- Colon-d4 GSM1988102 CELL  
122- Colon-d4 GSM1988101 CELL  
121- Intestine-large GSM258676 CELL  
120- Intestine-large GSM258675 CELL  
119- Intestine-small GSM258678 CELL  
118- Intestine-small GSM258679 CELL  
117- Lymph-nodes GSM258691 CELL  
116- Lymph-nodes GSM258726 CELL  
115- Spleen GSM258767 CELL  
114- Spleen GSM258767 CELL  
113- Neuro2a GSM258728 CELL  
112- Neuro2a GSM258728 CELL  
111- Astrocytes GSM241898 CELL  
110- mimb GSM258726 CELL  
109- mimb GSM258725 CELL  
108- MIMCD3 GSM258724 CELL  
107- MIMCD3 GSM258723 CELL  
106- Bruce4 GSM258666 CELL  
105- Bruce4 GSM258666 CELL  
104- C2C12 GSM258690 CELL  
103- C2C12 GSM258629 CELL  
102- NIH3T3 GSM258739 CELL  
101- NIH3T3 GSM258739 CELL  
100- 3T3-L1 GSM258610 CELL  
99- 3T3-L1 GSM258609 CELL  
98- 10T1/2 GSM258632 CELL  
97- 10T1/2 GSM258631 CELL  
96- Osteoblast-d21 GSM258740 CELL  
95- Osteoblast-d21 GSM258739 CELL  
94- Osteoblast-d14 GSM258738 CELL  
93- Osteoblast-d14 GSM258737 CELL  
92- Osteoblast-d5 GSM258742 CELL  
91- Osteoblast-d5 GSM258741 CELL  
90- Chondrocytes GSM266741 CELL  
89- Chondrocytes GSM266740 CELL  
88- Nat Helper cell GSM465594 CELL  
87- Nat Helper cell GSM465593 CELL  
86- Tt cell GSM465596 CELL  
85- MS-1 GSM234692 CELL  
84- Lymph-endo-cells GSM143704 CELL  
83- P-FDC GSM481977 CELL  
82- P-FDC GSM481978 CELL  
81- P-FDC GSM481976 CELL  
80- F-L Y RMLNDCC003001 CELL  
79- F-L Y RMLNDCC003001 CELL  
78- Follicular-Bcells GSM258664 CELL  
77- Follicular-Bcells GSM258664 CELL  
76- MZ-Bcell GSM258622 CELL  
75- MZ-Bcell GSM258621 CELL  
74- BAF3 GSM258620 CELL  
73- BAF3 GSM258619 CELL  
72- Tregs GSM258778 CELL  
71- Tregs GSM258777 CELL  
70- T-cells-CD8+ GSM258776 CELL  
69- T-cells-CD8+ GSM258774 CELL  
68- T-cells-CD4+ GSM258773 CELL  
67- T-cells-CD4+ GSM258744 CELL  
66- Thymocyte-DN GSM465595 CELL  
65- Osteoclasts GSM258743 CELL  
64- Microglia GSM258721 CELL  
63- Microglia GSM258721 CELL  
62- P-MM-LPS-7h GSM268706 CELL  
61- P-MM-LPS-7h GSM268706 CELL  
60- P-MM-LPS-7h GSM268705 CELL  
59- P-MM-LPS-6h GSM258702 CELL  
58- P-MM-LPS-6h GSM258702 CELL  
57- BMM-LPS-6h GSM268699 CELL  
56- BMM-LPS-6h GSM268699 CELL  
55- BMM-LPS-6h GSM268699 CELL  
54- BMM-LPS-6h GSM268699 CELL  
53- Pasmacryloid-DC GSM258650 CELL  
52- Pasmacryloid-DC GSM258649 CELL  
51- CD8a-DC GSM258648 CELL  
50- CD8a-DC GSM258647 CELL  
49- CD8a+DC GSM258646 CELL  
48- CD8a+DC GSM258646 CELL  
47- NK-cells GSM258732 CELL  
46- NK-cells GSM258731 CELL  
45- Mast-cells-IgE+Ad GSM258719 CELL  
44- Mast-cells-IgE+Ad GSM258717 CELL  
43- Mast-cells-IgE GSM258714 CELL  
42- Mast-cells-IgE GSM258713 CELL  
41- Mast-cells GSM258712 CELL  
40- Mast-cells GSM258712 CELL  
39- Granulocytes GSM258668 CELL  
38- Granulocytes GSM258667 CELL  
37- GMP GSM258666 CELL  
36- GMP GSM258666 CELL  
35- CMP GSM258642 CELL  
34- CMP GSM258642 CELL  
33- MIEP GSM258720 CELL  
32- MIEP GSM258720 CELL  
31- HSC GSM258770 CELL  
30- HSC GSM258770 CELL  
29- Bone marrow GSM258628 CELL  
28- Bone marrow GSM258627 CELL  
27- Paneth-cells-GF-1 GSM116357 CELL  
26- Paneth-cells-GF-1 GSM116357 CELL  
25- Paneth-cells GSM116350 CELL  
24- Paneth-cells GSM116359 CELL  
23- Paneth-cells GSM318589 CELL  
22- Paneth-cells GSM318590 CELL  
21- Colon-Crypt GSM480375 CELL  
20- Colon-Crypt GSM480374 CELL  
19- Colon-Vill GSM480363 CELL  
18- Colon-Vill GSM480362 CELL  
17- Colon-IEC-GF GSM349880 CELL  
16- Colon-IEC-GF GSM350375 CELL  
15- Ileum-IEC-GF GSM350376 CELL  
14- Ileum-IEC GSM350371 CELL  
13- Small-intestine-epithelium RMINEP002001 CELL  
12- Small-intestine-epithelium RMINEP001001 CELL  
11- FAE-RMPYEP001001 CELL  
10- FAE-RMPYEP001001 CELL  
09- Ileum-IEC GSM190797 CELL  
08- Ileum-IEC GSM190796 CELL  
07- Ileum-IEC GSM190795 CELL  
06- CT-v-M-cells GSM190794 CELL  
05- CT-v-M-cells GSM190793 CELL  
04- CT-v-M-cells GSM190792 CELL  
03- PP-M-cells GSM190791 CELL  
02- PP-M-cells GSM190790 CELL  
01- PP-M-cells GSM190789 CELL



Cluster0095\_Intestine-related (21 nodes)

10,486.7  
9,936.7  
9,384.7  
8,832.6  
8,280.6  
7,728.5  
7,176.5  
6,624.5  
6,072.4  
5,520.4  
4,968.4  
4,416.3  
3,864.3  
3,312.2  
2,760.2  
2,208.2  
1,656.1  
1,104.1  
552  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190791.CEL  
 03-PP-M-cells\_GSM190792.CEL  
 04-CT-Y-M-cells\_GSM190793.CEL  
 05-CT-Y-M-cells\_GSM190794.CEL  
 06-CT-W-M-cells\_GSM190795.CEL  
 07-Ileum-IEC\_GSM190796.CEL  
 08-Ileum-IEC\_GSM190797.CEL  
 09-Ileum-IEC\_GSM190798.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM350376.CEL  
 17-Colon-IEC-Gf\_GSM349880.CEL  
 18-Colon-Vill-GSM480362.CEL  
 19-Colon-Vill-GSM480363.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1-GSM116357.CEL  
 27-Paneth-cells-Gf-1-GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-NALT\_GSM289411.CEL  
 31-NALT\_GSM289410.CEL  
 32-NALT\_GSM289409.CEL  
 33-NALT\_GSM289408.CEL  
 34-Colon-d9-GSM198810.CEL  
 35-Colon-d9-GSM198810.CEL  
 36-Colon-d4-GSM198810.CEL  
 37-Colon-d4-GSM198810.CEL  
 38-Colon-d4-GSM198810.CEL  
 39-Colon-d4-GSM198810.CEL  
 40-Colon-d4-GSM198810.CEL  
 41-Intestine-large\_GSM258676.CEL  
 42-Intestine-large\_GSM258677.CEL  
 43-Intestine-small\_GSM258677.CEL  
 44-Intestine-small\_GSM258691.CEL  
 45-Lymph-nodes\_GSM258691.CEL  
 46-Spleen\_GSM258766.CEL  
 47-Spleen\_GSM258767.CEL  
 48-Neuro2a\_GSM258728.CEL  
 49-Neuro2a\_GSM258728.CEL  
 50-Astrocytes\_GSM241898.CEL  
 51-ming\_GSM258726.CEL  
 52-ming\_GSM258726.CEL  
 53-mim6\_GSM258725.CEL  
 54-MIMCD3\_GSM258724.CEL  
 55-MIMCD3\_GSM258724.CEL  
 56-Bruce4\_GSM258690.CEL  
 57-Bruce4\_GSM258690.CEL  
 58-C2C12\_GSM258690.CEL  
 59-NH3T3\_GSM258739.CEL  
 60-NH3T3\_GSM258739.CEL  
 61-3T3-L1\_GSM258610.CEL  
 62-3T3-L1\_GSM258609.CEL  
 63-10T12\_GSM258632.CEL  
 64-10T12\_GSM258631.CEL  
 65-Osteoblast-d21\_GSM258740.CEL  
 66-Osteoblast-d21\_GSM258739.CEL  
 67-Osteoblast-d14\_GSM258738.CEL  
 68-Osteoblast-d14\_GSM258737.CEL  
 69-Osteoblast-d5\_GSM258742.CEL  
 70-Osteoblast-d5\_GSM258741.CEL  
 71-Chondrocytes\_GSM266741.CEL  
 72-Chondrocytes\_GSM266740.CEL  
 73-Nat Helper cell\_GSM465594.CEL  
 74-Nat Helper cell\_GSM465593.CEL  
 75-T cell\_GSM465596.CEL  
 76-MS-1\_GSM234692.CEL  
 77-Lymph-endo-cells\_GSM143704.CEL  
 78-Lymph-endo-cells\_GSM481977.CEL  
 79-P-FDC\_GSM481978.CEL  
 80-P-FDC\_GSM481978.CEL  
 81-P-FDC\_GSM481978.CEL  
 82-P-FDC\_GSM481978.CEL  
 83-L-Y-RMLNDC002001.CEL  
 84-L-Y-RMLNDC002001.CEL  
 85-Follicular-B-cells\_GSM258664.CEL  
 86-Follicular-B-cells\_GSM258663.CEL  
 87-MZ-Bcell\_GSM258622.CEL  
 88-MZ-Bcell\_GSM258621.CEL  
 89-BAF3\_GSM258620.CEL  
 90-BAF3\_GSM258619.CEL  
 91-Tregs\_GSM258778.CEL  
 92-Tregs\_GSM258777.CEL  
 93-T-cells-CD8+GSM258776.CEL  
 94-T-cells-CD8+GSM258775.CEL  
 95-T-cells-CD4+GSM258774.CEL  
 96-T-cells-CD4+GSM258773.CEL  
 97-Thymocyte-DN\_GSM465595.CEL  
 98-Osteoclasts\_GSM258743.CEL  
 99-Microglia\_GSM258721.CEL  
 100-MM-LPS-7h\_GSM258705.CEL  
 101-MM-LPS-7h\_GSM258705.CEL  
 102-MM-LPS-6h\_GSM258702.CEL  
 103-MM-LPS-6h\_GSM258702.CEL  
 104-MM-LPS-6h\_GSM258699.CEL  
 105-MM-LPS-6h\_GSM258699.CEL  
 106-MM-LPS-6h\_GSM258694.CEL  
 107-MM-LPS-6h\_GSM258694.CEL  
 108-MM-LPS-6h\_GSM258694.CEL  
 109-MM-LPS-6h\_GSM258694.CEL  
 110-MM-LPS-6h\_GSM258694.CEL  
 111-MM-LPS-6h\_GSM258694.CEL  
 112-MM-LPS-6h\_GSM258694.CEL  
 113-MM-LPS-6h\_GSM258694.CEL  
 114-MM-LPS-6h\_GSM258694.CEL  
 115-MM-LPS-6h\_GSM258694.CEL  
 116-MM-LPS-6h\_GSM258694.CEL  
 117-MM-LPS-6h\_GSM258694.CEL  
 118-MM-LPS-6h\_GSM258694.CEL  
 119-MM-LPS-6h\_GSM258694.CEL  
 120-MM-LPS-6h\_GSM258694.CEL  
 121-MM-LPS-6h\_GSM258694.CEL  
 122-MM-LPS-6h\_GSM258694.CEL  
 123-MM-LPS-6h\_GSM258694.CEL  
 124-MM-LPS-6h\_GSM258694.CEL  
 125-MM-LPS-6h\_GSM258694.CEL  
 126-MM-LPS-6h\_GSM258694.CEL  
 127-MM-LPS-6h\_GSM258694.CEL  
 128-MM-LPS-6h\_GSM258694.CEL  
 129-MM-LPS-6h\_GSM258694.CEL  
 130-MM-LPS-6h\_GSM258694.CEL



Cluster0096\_High in NALT (21 nodes)

989.8  
937.7  
885.6  
833.5  
781.4  
729.3  
677.2  
625.1  
573  
520.9  
468.8  
416.7  
364.6  
312.6  
260.5  
208.4  
156.3  
104.2  
52.1  
0

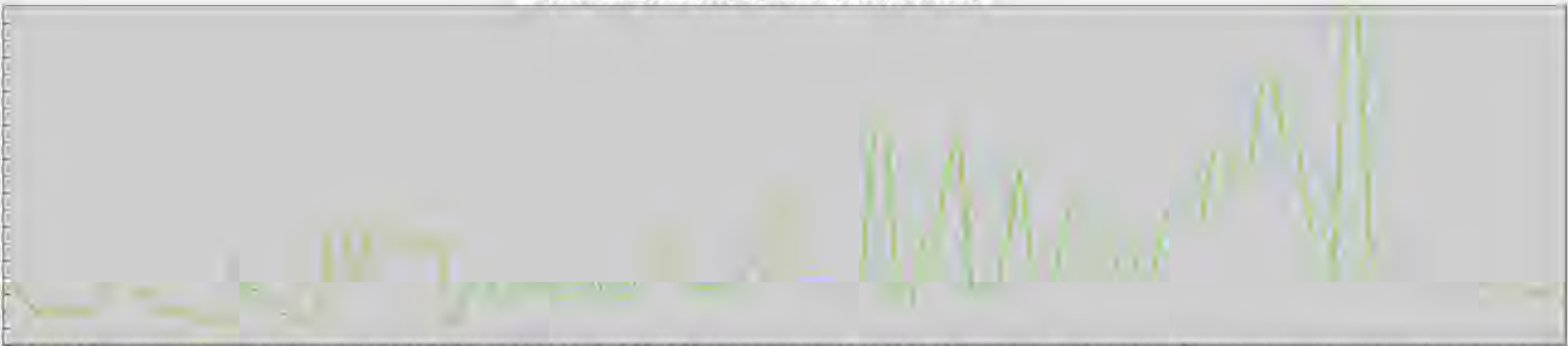


30	NALT	GSM289411	CEL
129	NALT	GSM289410	CEL
128	NALT	GSM289409	CEL
127	NALT	GSM289408	CEL
126	Colon-d9	GSM1988105	CEL
125	Colon-d9	GSM1988104	CEL
124	Colon-d9	GSM1988103	CEL
123	Colon-d4	GSM1988102	CEL
122	Colon-d4	GSM1988101	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258674	CEL
118	Intestine-small	GSM258673	CEL
117	Lymph-nodes	GSM258672	CEL
116	Spleen	GSM258671	CEL
115	Spleen	GSM258670	CEL
114	Neuro2a	GSM258669	CEL
113	Neuro2a	GSM258668	CEL
112	Astrocytes	GSM241898	CEL
111	ming	GSM258667	CEL
110	ming	GSM258666	CEL
109	ming	GSM258665	CEL
108	MIMCD3	GSM258664	CEL
107	MIMCD3	GSM258663	CEL
106	Bruce4	GSM258662	CEL
105	Bruce4	GSM258661	CEL
104	C2C12	GSM258660	CEL
103	C2C12	GSM258659	CEL
102	NH3T3	GSM258658	CEL
101	NH3T3	GSM258657	CEL
100	3T3-L1	GSM258656	CEL
99	3T3-L1	GSM258655	CEL
98	10T12	GSM258654	CEL
97	10T12	GSM258653	CEL
96	Osteoblast-d21	GSM258652	CEL
95	Osteoblast-d14	GSM258651	CEL
94	Osteoblast-d14	GSM258650	CEL
93	Osteoblast-d14	GSM258649	CEL
92	Osteoblast-d5	GSM258648	CEL
91	Osteoblast-d5	GSM258647	CEL
90	Chondrocytes	GSM258646	CEL
89	Chondrocytes	GSM258645	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465592	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481979	CEL
80	E-LY	RMLNDC003001	CEL
79	E-LY	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258662	CEL
75	MZ-Bcell	GSM258661	CEL
74	BAF3	GSM258660	CEL
73	BAF3	GSM258659	CEL
72	Tregs	GSM258658	CEL
71	T-cells-CD8+	GSM258657	CEL
70	T-cells-CD8+	GSM258656	CEL
69	T-cells-CD4+	GSM258655	CEL
68	T-cells-CD4+	GSM258654	CEL
67	T-cells-CD4+	GSM258653	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258674	CEL
64	Microglia	GSM258672	CEL
63	Microglia	GSM258671	CEL
62	MM-LPS-7h	GSM258670	CEL
61	MM-LPS-7h	GSM258669	CEL
60	MM-LPS-6h	GSM258668	CEL
59	MM-LPS-6h	GSM258667	CEL
58	MM-LPS-6h	GSM258666	CEL
57	MM-LPS-6h	GSM258665	CEL
56	MM-LPS-6h	GSM258664	CEL
55	MM-LPS-6h	GSM258663	CEL
54	MM-LPS-6h	GSM258662	CEL
53	MM-LPS-6h	GSM258661	CEL
52	MM-LPS-6h	GSM258660	CEL
51	MM-LPS-6h	GSM258659	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258646	CEL
48	CD8a+DC	GSM258645	CEL
47	NK-cells	GSM258673	CEL
46	NK-cells	GSM258672	CEL
45	Mast-cells-IgE+Ad	GSM258671	CEL
44	Mast-cells-IgE+Ad	GSM258670	CEL
43	Mast-cells-IgE	GSM258669	CEL
42	Mast-cells-IgE	GSM258668	CEL
41	Mast-cells	GSM258667	CEL
40	Granulocytes	GSM258666	CEL
39	Granulocytes	GSM258665	CEL
38	GMP	GSM258664	CEL
37	GMP	GSM258663	CEL
36	GMP	GSM258662	CEL
35	GMP	GSM258661	CEL
34	GMP	GSM258660	CEL
33	GMP	GSM258659	CEL
32	MIEP	GSM258658	CEL
31	MIEP	GSM258657	CEL
30	HESC	GSM258656	CEL
29	Bone marrow	GSM258655	CEL
28	paneth-cells-GE	GSM116358	CEL
27	paneth-cells-GE	GSM116357	CEL
26	paneth-cells-GE	GSM116356	CEL
25	paneth-cells	GSM116355	CEL
24	paneth-cells	GSM116354	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	Ileum-IEC-TGF	GSM350376	CEL
14	Ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP002001	CEL
10	FAE	RMPYEP001001	CEL
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	CT-w-M-cells	GSM190794	CEL
05	CT-w-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0097\_House keeping-transcription (21 nodes)

2,519.5  
2,386.9  
2,254.2  
2,121.6  
1,989  
1,856.4  
1,723.8  
1,591.2  
1,458.6  
1,326  
1,193.4  
1,060.8  
928.2  
795.6  
663  
530.4  
397.8  
265.2  
132.6  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-Lymph-endo-cells GSM481977.CEL  
82-Lymph-endo-cells GSM481978.CEL  
81-Lymph-endo-cells GSM481976.CEL  
80-Lymph-endo-cells GSM481977.CEL  
79-Lymph-endo-cells GSM481978.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7h GSM258702.CEL  
58-PM-M-PS-6h GSM258700.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258694.CEL  
55-PM-M-PS-6h GSM258694.CEL  
54-PM-M-PS-6h GSM258694.CEL  
53-PM-M-PS-6h GSM258694.CEL  
52-PM-M-PS-6h GSM258694.CEL  
51-PM-M-PS-6h GSM258694.CEL  
50-PM-M-PS-6h GSM258694.CEL  
49-PM-M-PS-6h GSM258694.CEL  
48-PM-M-PS-6h GSM258694.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells-IgE GSM258712.CEL  
40-Mast-cells-IgE GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258664.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-MEP GSM258719.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116358.CEL  
26-Paneth-cells-GF GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL







Cluster0099\_High in haematopoietic cells (20 nodes)

2,443.1  
2,314.6  
2,185.9  
2,057.4  
1,928.6  
1,800.2  
1,671.6  
1,543  
1,414.4  
1,285.8  
1,157.3  
1,028.7  
900.1  
771.5  
642.9  
514.3  
385.8  
257.2  
128.6  
0



130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-CD9 GSM1988105 CEL  
125-CD9 GSM1988104 CEL  
124-CD9 GSM1988103 CEL  
123-CD9 GSM1988102 CEL  
122-CD9 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258674 CEL  
118-Intestine-small GSM258673 CEL  
117-Lymph-nodes GSM258672 CEL  
116-Spleen GSM258766 CEL  
115-Spleen GSM258767 CEL  
114-Neuro2a GSM258728 CEL  
113-Neuro2a GSM258729 CEL  
112-Astrocytes GSM241898 CEL  
111-mim6 GSM258726 CEL  
110-mim6 GSM258725 CEL  
109-mim6 GSM258724 CEL  
108-MIMCD3 GSM258723 CEL  
107-MIMCD3 GSM258722 CEL  
106-Bruce4 GSM258665 CEL  
105-Bruce4 GSM258666 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258691 CEL  
102-NH3T3 GSM258730 CEL  
101-NH3T3 GSM258729 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-LT cell GSM465596 CEL  
85-M8-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-P-FDC GSM481977 CEL  
82-P-FDC GSM481978 CEL  
81-P-FDC GSM481976 CEL  
80-LY RMLNDCC003001 CEL  
79-LY RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258665 CEL  
76-MZ-Bcell GSM258622 CEL  
75-MZ-Bcell GSM258621 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258744 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Microglia GSM258721 CEL  
63-Microglia GSM258721 CEL  
62-MM-LPS-7h GSM268706 CEL  
61-MM-LPS-7h GSM268705 CEL  
60-MM-LPS-6h GSM258702 CEL  
59-MM-LPS-6h GSM258701 CEL  
58-MM-LPS-6h GSM258699 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-BM-LPS-6h GSM258694 CEL  
55-BM-LPS-6h GSM258694 CEL  
54-BM-LPS-6h GSM258694 CEL  
53-Ismacryoid-DC GSM258650 CEL  
52-Ismacryoid-DC GSM258649 CEL  
51-CD8a-DC GSM258648 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258645 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258731 CEL  
45-Mast-cells-IgE+Ad GSM258718 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258667 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258665 CEL  
36-GMP GSM258665 CEL  
35-GMP GSM258642 CEL  
34-GMP GSM258642 CEL  
33-MEP GSM258720 CEL  
32-MEP GSM258719 CEL  
31-HSC GSM258770 CEL  
30-HSC GSM258769 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-CD9 GSM480375 cel  
20-CD9 GSM480374 cel  
19-CD9 GSM480363 cel  
18-CD9 GSM480362 cel  
17-CD9 GSM349880 CEL  
16-CD9 GSM350375 CEL  
15-CD9 GSM350376 CEL  
14-Intestine-epithelium RMINEP002901 CEL  
13-Intestine-epithelium RMINEP001001 CEL  
12-Intestine-epithelium RMINEP001001 CEL  
11-FAE RMPYEP002001 CEL  
10-FAE RMPYEP001001 CEL  
09-Ileum-IEC GSM190797 CEL  
08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-v-M-cells GSM190794 CEL  
05-CT-v-M-cells GSM190793 CEL  
04-CT-v-M-cells GSM190792 CEL  
03-PP-M-cells GSM190790 CEL  
02-PP-M-cells GSM190789 CEL  
01-PP-M-cells GSM190789 CEL



Cluster0100\_High in astrocytes & NALT (20 nodes)

1,035.1  
980.6  
926.1  
871.7  
817.2  
762.7  
708.2  
653.7  
599.3  
544.8  
490.3  
435.8  
381.4  
326.9  
272.4  
217.9  
163.4  
109  
54.5  
0



30	NALT	GSM2899411	CEL
129	NALT	GSM2899410	CEL
128	NALT	GSM2899409	CEL
127	NALT	GSM2899408	CEL
126	Colon-d9	GSM1988104	CEL
125	Colon-d9	GSM1988103	CEL
124	Colon-d9	GSM1988102	CEL
123	Colon-d4	GSM1988101	CEL
122	Colon-d4	GSM1988100	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258674	CEL
118	Intestine-small	GSM258673	CEL
117	Lymph-nodes	GSM258672	CEL
116	Spleen	GSM258671	CEL
115	Spleen	GSM258670	CEL
114	Neuro2a	GSM258669	CEL
113	Neuro2a	GSM258668	CEL
112	Astrocytes	GSM2418998	CEL
111	ming	GSM258726	CEL
110	ming	GSM258725	CEL
109	ming	GSM258724	CEL
108	MIMCD3	GSM258723	CEL
107	MIMCD3	GSM258722	CEL
106	Bruce4	GSM258665	CEL
105	Bruce4	GSM258664	CEL
104	C2C12	GSM258663	CEL
103	C2C12	GSM258662	CEL
102	NH3T3	GSM258730	CEL
101	NH3T3	GSM258729	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T12	GSM258632	CEL
97	10T12	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d14	GSM258738	CEL
94	Osteoblast-d14	GSM258737	CEL
93	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d5	GSM258741	CEL
91	Chondrocytes	GSM258674	CEL
90	Chondrocytes	GSM258674	CEL
89	Nat Helper cell	GSM465594	CEL
88	Nat Helper cell	GSM465593	CEL
87	Nat Helper cell	GSM465593	CEL
86	T cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endc-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	E-LY	RMLNDC003001	CEL
79	E-LY	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258622	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	T-cells-CD8+	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD4+	GSM258774	CEL
68	T-cells-CD4+	GSM258773	CEL
67	T-cells-CD4+	GSM258744	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258743	CEL
64	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
62	MM-LPS-7h	GSM258706	CEL
61	MM-LPS-7h	GSM258705	CEL
60	MM-LPS-6h	GSM258702	CEL
59	MM-LPS-6h	GSM258702	CEL
58	MM-LPS-6h	GSM258699	CEL
57	MM-LPS-6h	GSM258699	CEL
56	MM-LPS-6h	GSM258694	CEL
55	MM-LPS-6h	GSM258694	CEL
54	MM-LPS-6h	GSM258694	CEL
53	MM-LPS-6h	GSM258694	CEL
52	MM-LPS-6h	GSM258694	CEL
51	MM-LPS-6h	GSM258694	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258647	CEL
48	CD8a+DC	GSM258646	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258718	CEL
44	Mast-cells-IgE+Ad	GSM258717	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Granulocytes	GSM258667	CEL
39	Granulocytes	GSM258667	CEL
38	GMP	GSM258665	CEL
37	GMP	GSM258665	CEL
36	GMP	GSM258664	CEL
35	GMP	GSM258664	CEL
34	GMP	GSM258664	CEL
33	MIEP	GSM258720	CEL
32	MIEP	GSM258719	CEL
31	HESC	GSM258770	CEL
30	HESC	GSM258769	CEL
29	Bone marrow	GSM258628	CEL
28	Bone marrow	GSM258627	CEL
27	paneth-cells-GF-1	GSM116358	CEL
26	paneth-cells-GF-1	GSM116357	CEL
25	paneth-cells	GSM116350	CEL
24	paneth-cells	GSM116359	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	Ileum-IEC	GSM350376	CEL
14	Ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP001001	CEL
10	FAE	RMPYEP001001	CEL
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL







Cluster0102\_Uncertain (18 nodes)

2,524.5  
2,391.7  
2,258.8  
2,125.9  
1,993.1  
1,860.2  
1,727.3  
1,594.4  
1,461.6  
1,328.7  
1,195.8  
1,063  
930.1  
797.2  
664.4  
531.5  
398.6  
265.7  
132.9  
0



130-NALT GSM2894110.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258679.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258768.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258729.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-L-Y RMLNDCC003001.CEL  
79-L-Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7h GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-BMM GSM258694.CEL  
54-BMM GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GE GSM116358.CEL  
26-Paneth-cells-GE GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GE GSM349880.CEL  
16-Column-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0103\_Uncertain (18 nodes)

871.2  
825.4  
779.5  
733.6  
687.8  
641.9  
596.1  
550.2  
504.4  
458.5  
412.7  
366.8  
321  
275.1  
229.3  
183.4  
137.6  
91.7  
45.9  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258630.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-L-Y RMLNDCC003001.CEL  
79-F-L-Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258744.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-LPS-7h GSM258706.CEL  
60-PM-M-LPS-7h GSM258705.CEL  
59-PM-M-LPS-7d GSM258702.CEL  
58-PM-M-LPS-6h GSM258701.CEL  
57-PM-M-LPS-6h GSM258699.CEL  
56-PM-M-LPS-6h GSM258699.CEL  
55-PM-M-LPS-6h GSM258699.CEL  
54-PM-M-LPS-6h GSM258699.CEL  
53-PM-M-LPS-6h GSM258699.CEL  
52-PM-M-LPS-6h GSM258699.CEL  
51-PM-M-LPS-6h GSM258699.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a-DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GF GSM116358.CEL  
26-paneth-cells-GF-1 GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0104\_T cell-related (18 nodes)

4,642.7  
4,398.3  
4,154  
3,909.6  
3,665.3  
3,420.9  
3,176.6  
2,932.2  
2,687.9  
2,443.5  
2,199.2  
1,954.8  
1,710.5  
1,468.1  
1,221.8  
977.4  
733.1  
488.7  
244.4  
0

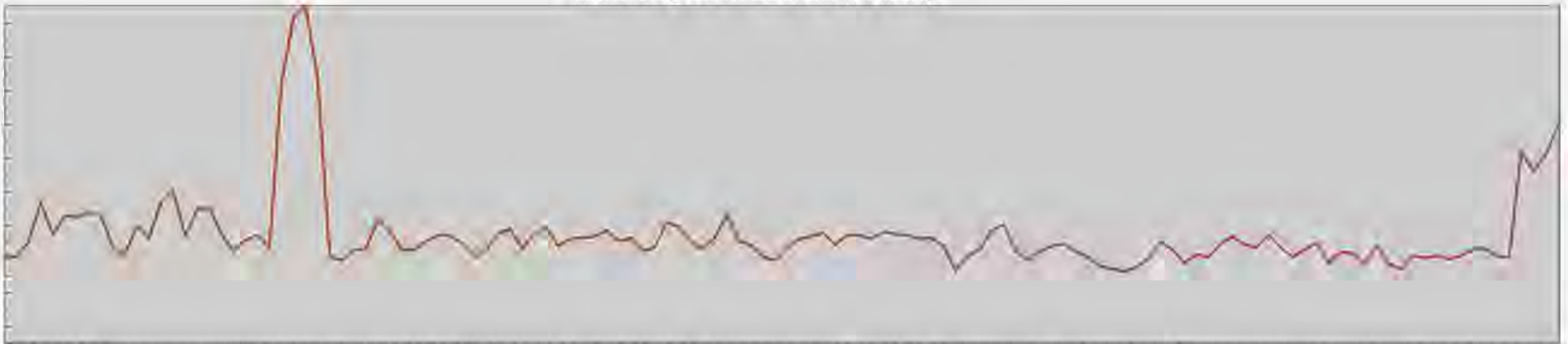


01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-EC	GSM190795	CEL
08	Ileum-EC	GSM190796	CEL
09	Ileum-EC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-EC	GSM350371	CEL
15	Ileum-EC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-VIII	GSM480365	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116359	CEL
27	Paneth-cells	GSM116357	CEL
28	Paneth-cells	GSM116358	CEL
29	Bone marrow	GSM258627	CEL
30	HS	GSM258770	CEL
31	HS	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	MEP	GSM258775	CEL
36	GMP	GSM258665	CEL
37	GMP	GSM258666	CEL
38	GMP	GSM258667	CEL
39	Granulocytes	GSM258776	CEL
40	Mast-cells	GSM258777	CEL
41	Mast-cells	GSM258778	CEL
42	Mast-cells	GSM258779	CEL
43	Mast-cells	GSM258780	CEL
44	Mast-cells	GSM258781	CEL
45	Mast-cells	GSM258782	CEL
46	NK-cells	GSM258783	CEL
47	NK-cells	GSM258784	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a+DC	GSM258648	CEL
51	CD8a+DC	GSM258649	CEL
52	CD8a+DC	GSM258650	CEL
53	CD8a+DC	GSM258651	CEL
54	CD8a+DC	GSM258652	CEL
55	CD8a+DC	GSM258653	CEL
56	CD8a+DC	GSM258654	CEL
57	CD8a+DC	GSM258655	CEL
58	CD8a+DC	GSM258656	CEL
59	CD8a+DC	GSM258657	CEL
60	CD8a+DC	GSM258658	CEL
61	CD8a+DC	GSM258659	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258722	CEL
64	Microglia	GSM258723	CEL
65	Osteoclasts	GSM258743	CEL
66	Osteoclasts	GSM258744	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258774	CEL
69	T-cells-CD8+	GSM258775	CEL
70	T-cells-CD8+	GSM258776	CEL
71	Tregs	GSM258777	CEL
72	Tregs	GSM258778	CEL
73	Tregs	GSM258779	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258621	CEL
76	MZ-Bcell	GSM258622	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258665	CEL
79	F-LY	RMLNDC002001	CEL
80	F-LY	RMLNDC003001	CEL
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481977	CEL
83	PP-FDC	GSM481978	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	LT cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM266741	CEL
90	Osteoblast-d5	GSM258741	CEL
91	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d5	GSM258743	CEL
93	Osteoblast-d5	GSM258744	CEL
94	Osteoblast-d14	GSM258737	CEL
95	Osteoblast-d21	GSM258738	CEL
96	Osteoblast-d21	GSM258739	CEL
97	OT12	GSM258631	CEL
98	OT12	GSM258632	CEL
99	OT12	GSM258633	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	Bruce4	GSM258690	CEL
105	Bruce4	GSM258691	CEL
106	Bruce4	GSM258692	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258724	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258726	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258727	CEL
113	Spleen	GSM258728	CEL
114	Spleen	GSM258729	CEL
115	Spleen	GSM258730	CEL
116	Lymph-nodes	GSM258691	CEL
117	Lymph-nodes	GSM258692	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-large	GSM258678	CEL
120	Intestine-large	GSM258679	CEL
121	Intestine-large	GSM258676	CEL
122	Colon-d4	GSM198810	CEL
123	Colon-d4	GSM198811	CEL
124	Colon-d9	GSM198812	CEL
125	Colon-d9	GSM198813	CEL
126	NALT	GSM289408	CEL
127	NALT	GSM289409	CEL
128	NALT	GSM289410	CEL
129	NALT	GSM289411	CEL



Cluster0105\_Low in Paneth cells (18 nodes)

142.2  
134.7  
127.2  
119.7  
112.2  
104.8  
97.3  
89.8  
82.3  
74.8  
67.3  
59.9  
52.4  
44.9  
37.4  
29.9  
22.4  
15  
7.5  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7d GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-PM-M-PS-6h GSM258700.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-BMM-GSM258694.CEL  
54-BMM-GSM258693.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GE GSM116358.CEL  
26-Paneth-cells-GE GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GE GSM349880.CEL  
16-Column-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0106\_Immunoglobulin-related (18 nodes)

2,642.2  
2,503.2  
2,364.1  
2,225  
2,086  
1,946.9  
1,807.8  
1,668.8  
1,529.7  
1,390.6  
1,251.6  
1,112.5  
973.5  
834.4  
695.3  
556.3  
417.2  
278.1  
139.1  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988104 CELL  
124-Color-d9 GSM1988103 CELL  
123-Color-d4 GSM1988102 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Spleen GSM258768 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258766 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258739 CELL  
101-NH3T3 GSM258738 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T1/2 GSM258632 CELL  
97-10T1/2 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-T cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258622 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-Plasmacytoid-DC GSM258650 CELL  
53-Plasmacytoid-DC GSM258649 CELL  
52-CD8a-DC GSM258648 CELL  
51-CD8a-DC GSM258647 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258664 CELL  
35-CMP GSM258642 CELL  
34-MECP GSM258641 CELL  
33-MECP GSM258641 CELL  
32-MECP GSM258770 CELL  
31-HESC GSM258770 CELL  
30-Bone marrow GSM258628 CELL  
29-Bone marrow GSM258627 CELL  
28-Paneth-cells-GE GSM116358 CELL  
27-Paneth-cells-GE GSM116357 CELL  
26-Paneth-cells-GE GSM116350 CELL  
25-Paneth-cells GSM116359 CELL  
24-Paneth-cells GSM116359 CELL  
23-Paneth-cells GSM318589 CELL  
22-Paneth-cells GSM318590 CELL  
21-Color-Crypt GSM480375 CELL  
20-Color-Crypt GSM480374 CELL  
19-Color-Vill GSM480363 CELL  
18-Color-Vill GSM480362 CELL  
17-Color-IEC-GE GSM349880 CELL  
16-Color-IEC-GE GSM350375 CELL  
15-Ileum-IEC GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-w-M-cells GSM190794 CELL  
05-CT-w-M-cells GSM190793 CELL  
04-CT-y-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0107\_High in 3T3L1 cells (17 nodes)

1,821  
1,725.1  
1,629.3  
1,533.5  
1,437.6  
1,341.8  
1,245.9  
1,150.1  
1,054.3  
958.4  
862.6  
766.7  
670.9  
575  
479.2  
383.4  
287.5  
191.7  
95.8  
0



30	NALT	GSM289411	CEL
29	NALT	GSM289410	CEL
28	NALT	GSM289409	CEL
27	NALT	GSM289408	CEL
26	Colon-d9	GSM1988104	CEL
25	Colon-d9	GSM1988103	CEL
24	Colon-d9	GSM1988102	CEL
23	Colon-d4	GSM1988101	CEL
22	Colon-d4	GSM1988100	CEL
21	Intestine-large	GSM258676	CEL
20	Intestine-large	GSM258675	CEL
19	Intestine-small	GSM258674	CEL
18	Intestine-small	GSM258673	CEL
17	Lymph-nodes	GSM258672	CEL
16	Spleen	GSM258671	CEL
15	Spleen	GSM258670	CEL
14	Neuro2a	GSM241899	CEL
13	Neuro2a	GSM241898	CEL
12	Astrocytes	GSM241897	CEL
11	Astrocytes	GSM241896	CEL
10	ming	GSM258632	CEL
09	ming	GSM258631	CEL
08	MIMCD3	GSM258724	CEL
07	MIMCD3	GSM258723	CEL
06	Bruce4	GSM258656	CEL
05	Bruce4	GSM258655	CEL
04	C2C12	GSM258654	CEL
03	C2C12	GSM258653	CEL
02	NH3T3	GSM258739	CEL
01	NH3T3	GSM258738	CEL
99	3T3-L1	GSM258610	CEL
98	3T3-L1	GSM258609	CEL
97	10T12	GSM258632	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d14	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d5	GSM258741	CEL
91	Chondrocytes	GSM266741	CEL
90	Chondrocytes	GSM266740	CEL
89	Nat Helper cell	GSM465594	CEL
88	Nat Helper cell	GSM465593	CEL
87	IT cell	GSM465596	CEL
86	MS-1	GSM234692	CEL
85	MS-1	GSM234691	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481979	CEL
80	E-L	RMLNDC003001	CEL
79	E-L	RMLNDC003001	CEL
78	Follicular-B-cells	GSM258654	CEL
77	Follicular-B-cells	GSM258653	CEL
76	MZ-Bcell	GSM258622	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	T-cells-CD8+	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD4+	GSM258774	CEL
68	T-cells-CD4+	GSM258773	CEL
67	T-cells-CD4+	GSM258744	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258743	CEL
64	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
62	MM-LPS-7h	GSM258706	CEL
61	MM-LPS-7h	GSM258705	CEL
60	MM-LPS-6h	GSM258702	CEL
59	MM-LPS-6h	GSM258701	CEL
58	MM-LPS-6h	GSM258699	CEL
57	MM-LPS-6h	GSM258699	CEL
56	MM-LPS-6h	GSM258694	CEL
55	MM-LPS-6h	GSM258694	CEL
54	MM-LPS-6h	GSM258694	CEL
53	MM-LPS-6h	GSM258694	CEL
52	MM-LPS-6h	GSM258694	CEL
51	MM-LPS-6h	GSM258694	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258647	CEL
48	CD8a+DC	GSM258646	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258718	CEL
44	Mast-cells-IgE+Ad	GSM258717	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Granulocytes	GSM258667	CEL
39	Granulocytes	GSM258667	CEL
38	GMP	GSM258666	CEL
37	GMP	GSM258665	CEL
36	GMP	GSM258664	CEL
35	GMP	GSM258664	CEL
34	GMP	GSM258642	CEL
33	MIEP	GSM258672	CEL
32	MIEP	GSM258671	CEL
31	HESC	GSM258770	CEL
30	HESC	GSM258770	CEL
29	Bone marrow	GSM258628	CEL
28	Bone marrow	GSM258627	CEL
27	paneth-cells-GE	GSM116358	CEL
26	paneth-cells-GE	GSM116357	CEL
25	paneth-cells	GSM116350	CEL
24	paneth-cells	GSM116359	CEL
23	paneth-cells	GSM318659	CEL
22	paneth-cells	GSM318690	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	ileum-IEC	GSM350376	CEL
14	ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP002001	CEL
10	FAE	RMPYEP001001	CEL
09	ileum-IEC	GSM190797	CEL
08	ileum-IEC	GSM190796	CEL
07	ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0108\_High in NK cells (17 nodes)

393.4  
372.7  
352  
331.3  
310.6  
289.9  
269.2  
248.5  
227.8  
207.1  
186.4  
165.7  
144.9  
124.2  
103.5  
82.8  
62.1  
41.4  
20.7  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Colon-d9 GSM1988105 CELL  
125-Colon-d9 GSM1988103 CELL  
124-Colon-d9 GSM1988102 CELL  
123-Colon-d4 GSM1988101 CELL  
122-Colon-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258678 CELL  
118-Intestine-small GSM258692 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Lymph-nodes GSM258726 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258767 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258656 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258629 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481978 CELL  
81-PP-FDC GSM481976 CELL  
80-F-LY RMLNDCC003001 CELL  
79-F-LY RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258622 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258700 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258699 CELL  
54-BM258694 CELL  
53-BM258694 CELL  
52-Ismacryoid-DC GSM258650 CELL  
51-CD8a-DC GSM258649 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258732 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258665 CELL  
35-CMP GSM258642 CELL  
34-CMP GSM258642 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258720 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258770 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318589 CELL  
21-paneth-cells GSM318589 CELL  
20-Colon-Crypt GSM480375 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-Gf GSM349880 CELL  
16-Colon-IEC-Gf GSM350375 CELL  
15-Ileum-IEC-Gf GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-w-M-cells GSM190794 CELL  
05-CT-w-M-cells GSM190793 CELL  
04-CT-w-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0109\_High in FL-Y cells (17 nodes)

402.9  
381.7  
360.5  
339.3  
318.1  
296.9  
275.7  
254.5  
233.3  
212.1  
190.8  
169.0  
148.4  
127.2  
106  
84.8  
63.6  
42.4  
21.2  
0



130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258766 CELL  
 113-Neuro2a GSM258728 CELL  
 112-Neuro2a GSM258727 CELL  
 111-Astrocytes GSM241898 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258655 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258739 CELL  
 101-NH3T3 GSM258738 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-PP-FDC GSM481977 CELL  
 82-PP-FDC GSM481978 CELL  
 81-PP-FDC GSM481976 CELL  
 80-F-LY RMLNDCC003001 CELL  
 79-F-LY RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258622 CELL  
 75-MZ-Bcell GSM258621 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258773 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM258706 CELL  
 60-MM-LPS-7h GSM258706 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Plasmacytoid-DC GSM258650 CELL  
 52-Plasmacytoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258668 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-GMP GSM258642 CELL  
 34-MPEP GSM258641 CELL  
 33-MPEP GSM258641 CELL  
 32-MPEP GSM258770 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258769 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM480375 CELL  
 20-paneth-cells GSM480374 CELL  
 19-paneth-cells GSM480363 CELL  
 18-paneth-cells GSM480362 CELL  
 17-paneth-cells GSM349880 CELL  
 16-paneth-cells GSM350375 CELL  
 15-paneth-cells GSM350376 CELL  
 14-paneth-cells GSM350371 CELL  
 13-paneth-cells GSM258679 CELL  
 12-paneth-cells GSM258678 CELL  
 11-paneth-cells GSM258677 CELL  
 10-paneth-cells GSM258677 CELL  
 9-paneth-cells GSM258677 CELL  
 8-paneth-cells GSM258677 CELL  
 7-paneth-cells GSM258677 CELL  
 6-paneth-cells GSM258677 CELL  
 5-paneth-cells GSM258677 CELL  
 4-paneth-cells GSM258677 CELL  
 3-paneth-cells GSM258677 CELL  
 2-paneth-cells GSM258677 CELL  
 1-paneth-cells GSM258677 CELL  
 0-paneth-cells GSM258677 CELL



Cluster0110\_High in NK cells and lymphocytes (17 nodes)

601.9  
570.2  
538.5  
506.9  
475.2  
443.5  
411.8  
380.1  
348.5  
316.8  
285.1  
253.4  
221.8  
190.1  
158.4  
126.7  
95  
63.4  
31.7  
0



01-PP-M-cells_GSM190789.CEL	02-PP-M-cells_GSM190790.CEL	03-PP-M-cells_GSM190791.CEL	04-PP-M-cells_GSM190792.CEL	05-CT-v-M-cells_GSM190793.CEL	06-CT-v-M-cells_GSM190794.CEL	07-Ileum-IEC_GSM190795.CEL	08-Ileum-IEC_GSM190796.CEL	09-Ileum-RMPYEP001001.CEL	10-FAE-RMPYEP001001.CEL	11-FAE-RMPYEP002001.CEL	12-Small-intestine-epithelium_RMINEP001001.CEL	13-Small-intestine-epithelium_RMINEP002001.CEL	14-Ileum-IEC_GSM350371.CEL	15-Ileum-IEC_GSM350375.CEL	16-Colon-IEC-Gf_GSM349880.CEL	17-Colon-VIII_GSM480362.CEL	18-Colon-VIII_GSM480363.CEL	19-Colon-VIII_GSM480364.CEL	20-Colon-Crypt_GSM480374.CEL	21-Colon-Crypt_GSM480375.CEL	22-Paneth-cells_GSM318589.CEL	23-Paneth-cells_GSM318590.CEL	24-Paneth-cells_GSM116359.CEL	25-Paneth-cells_GSM116359.CEL	26-Paneth-cells-Gf-1_GSM116357.CEL	27-Paneth-cells-Gf-1_GSM116357.CEL	28-Bone-marrow_GSM258827.CEL	29-Bone-marrow_GSM258827.CEL	30-HSC_GSM258770.CEL	31-HSC_GSM258770.CEL	32-MEP_GSM258771.CEL	33-MEP_GSM258771.CEL	34-MEP_GSM258854.CEL	35-MEP_GSM258854.CEL	36-GMP_GSM258866.CEL	37-GMP_GSM258866.CEL	38-GMP_GSM258866.CEL	39-Granulocytes_GSM258667.CEL	40-Mast-cells_GSM258712.CEL	41-Mast-cells_GSM258712.CEL	42-Mast-cells-Gf_GSM258713.CEL	43-Mast-cells-Gf_GSM258714.CEL	44-Mast-cells-Gf+Ad_GSM258718.CEL	45-Mast-cells-Gf+Ad_GSM258718.CEL	46-NK-cells_GSM258731.CEL	47-NK-cells_GSM258731.CEL	48-CD8a+DC_GSM258646.CEL	49-CD8a+DC_GSM258646.CEL	50-CD8a-DC_GSM258647.CEL	51-CD8a-DC_GSM258647.CEL	52-Plasmacytoid-DC_GSM258649.CEL	53-Plasmacytoid-DC_GSM258649.CEL	54-BMM-GSM258694.CEL	55-BMM-GSM258694.CEL	56-BMM-LPS-6h_GSM258700.CEL	57-BMM-LPS-6h_GSM258700.CEL	58-BMM-LPS-7h_GSM258702.CEL	59-BMM-LPS-7h_GSM258702.CEL	60-PP-7h_GSM258706.CEL	61-PP-7h_GSM258706.CEL	62-Microglia_GSM258721.CEL	63-Microglia_GSM258721.CEL	64-Osteoclasts_GSM258743.CEL	65-Osteoclasts_GSM258743.CEL	66-Thymocyte-DN_GSM465595.CEL	67-T-cells-CD4+_GSM258773.CEL	68-T-cells-CD4+_GSM258773.CEL	69-T-cells-CD8+_GSM258776.CEL	70-T-cells-CD8+_GSM258776.CEL	71-Tregs_GSM258778.CEL	72-Tregs_GSM258778.CEL	73-BAF3_GSM258819.CEL	74-BAF3_GSM258820.CEL	75-MZ-Bcell_GSM258821.CEL	76-MZ-Bcell_GSM258821.CEL	77-Follicular-Bcells_GSM258864.CEL	78-Follicular-Bcells_GSM258864.CEL	79-F-LY-RMLNDC002001.CEL	80-F-LY-RMLNDC003001.CEL	81-PP-FDC_GSM481976.CEL	82-PP-FDC_GSM481976.CEL	83-PP-FDC_GSM481978.CEL	84-Lymph-endo-cells_GSM143704.CEL	85-MS-1_GSM234692.CEL	86-LT-cell_GSM465596.CEL	87-Nat-Helper-cell_GSM465593.CEL	88-Nat-Helper-cell_GSM465594.CEL	89-Chondrocytes_GSM266741.CEL	90-Chondrocytes_GSM266741.CEL	91-Osteoblast-d5_GSM258741.CEL	92-Osteoblast-d5_GSM258742.CEL	93-Osteoblast-d14_GSM258737.CEL	94-Osteoblast-d14_GSM258738.CEL	95-Osteoblast-d21_GSM258739.CEL	96-Osteoblast-d21_GSM258739.CEL	97-10T1/2_GSM258631.CEL	98-10T1/2_GSM258631.CEL	99-3T3-L1_GSM258610.CEL	100-3T3-L1_GSM258610.CEL	101-NH3T3_GSM258730.CEL	102-NH3T3_GSM258730.CEL	103-C2C12_GSM258829.CEL	104-C2C12_GSM258829.CEL	106-Bruce4_GSM258866.CEL	107-MIMCD3_GSM258724.CEL	108-MIMCD3_GSM258724.CEL	109-mim6_GSM258725.CEL	110-mim6_GSM258725.CEL	111-Astrocytes_GSM241898.CEL	112-Astrocytes_GSM241898.CEL	113-Spleen_GSM258767.CEL	114-Spleen_GSM258767.CEL	115-Lymph-nodes_GSM258691.CEL	116-Lymph-nodes_GSM258691.CEL	117-Lymph-nodes_GSM258691.CEL	118-Intestine-small_GSM258692.CEL	119-Intestine-small_GSM258692.CEL	120-Intestine-large_GSM258677.CEL	121-Intestine-large_GSM258677.CEL	122-Intestine-large_GSM258676.CEL	123-Colon-d4_GSM198810.CEL	124-Colon-d4_GSM198810.CEL	125-Colon-d9_GSM198810.CEL	126-Colon-d9_GSM198810.CEL	127-NALT_GSM289408.CEL	128-NALT_GSM289409.CEL	129-NALT_GSM289410.CEL	130-NALT_GSM289411.CEL
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Cluster0111\_Large intestine and NALT-related (17 nodes)

1,486  
1,407.8  
1,329.6  
1,251.4  
1,173.2  
1,095  
1,016.7  
938.5  
860.3  
782.1  
703.9  
625.7  
547.5  
469.3  
391.1  
312.8  
234.6  
156.4  
78.2  
0

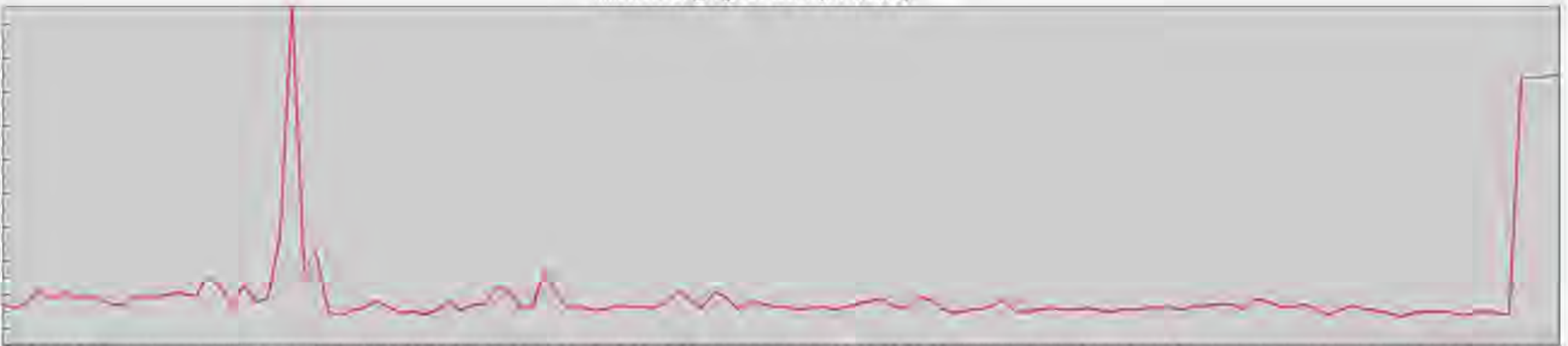


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02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-V-M-cells\_GSM190792.CEL  
05-CT-V-M-cells\_GSM190793.CEL  
06-CT-V-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYE001001.CEL  
11-FAE-RMPYE002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM349880.CEL  
17-Colon-VIII\_GSM480362.CEL  
18-Colon-VIII\_GSM480363.CEL  
19-Colon-VIII\_GSM480364.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318589.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116350.CEL  
26-Paneth-cells-Gf-1\_GSM116357.CEL  
27-Paneth-cells-Gf-1\_GSM116358.CEL  
28-Bone-marrow\_GSM258627.CEL  
29-Bone-marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258770.CEL  
32-MEP\_GSM258770.CEL  
33-MEP\_GSM258770.CEL  
34-MEP\_GSM258770.CEL  
35-GMP\_GSM258642.CEL  
36-GMP\_GSM258642.CEL  
37-GMP\_GSM258642.CEL  
38-GMP\_GSM258642.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Mast-cells\_GSM258712.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-IdU-GSM258713.CEL  
43-Mast-cells-IdU-GSM258713.CEL  
44-Mast-cells-IdU+Ad-GSM258719.CEL  
45-Mast-cells-IdU+Ad-GSM258719.CEL  
46-NK-cells\_GSM258732.CEL  
47-NK-cells\_GSM258732.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
52-Plasmacytoid-DC\_GSM258650.CEL  
53-Plasmacytoid-DC\_GSM258649.CEL  
54-BMM-GSM258694.CEL  
55-BMM-GSM258694.CEL  
56-BMM-LPS-6h\_GSM258700.CEL  
57-BMM-LPS-6h\_GSM258700.CEL  
58-BMM-LPS-7h\_GSM258705.CEL  
59-BMM-LPS-7h\_GSM258705.CEL  
60-Microglia\_GSM258721.CEL  
61-Microglia\_GSM258721.CEL  
62-Osteoclasts\_GSM258743.CEL  
63-Osteoclasts\_GSM258743.CEL  
64-Thymocyte-DN\_GSM465595.CEL  
65-Thymocyte-DN\_GSM465595.CEL  
66-T-cells-CD4+\_GSM258773.CEL  
67-T-cells-CD4+\_GSM258773.CEL  
68-T-cells-CD8+\_GSM258774.CEL  
69-T-cells-CD8+\_GSM258774.CEL  
70-T-regs\_GSM258777.CEL  
71-T-regs\_GSM258777.CEL  
72-Tregs\_GSM258778.CEL  
73-Tregs\_GSM258778.CEL  
74-BAF3\_GSM258620.CEL  
75-BAF3\_GSM258620.CEL  
76-MZ-Bcell\_GSM258622.CEL  
77-Follicular-Bcells\_GSM258653.CEL  
78-Follicular-Bcells\_GSM258653.CEL  
79-E-L-Y-RMLNDC002001.CEL  
80-E-L-Y-RMLNDC003001.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481976.CEL  
83-PP-FDC\_GSM481977.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LT-cell\_GSM465596.CEL  
87-Nat-Helper-cell\_GSM465593.CEL  
88-Nat-Helper-cell\_GSM465593.CEL  
89-Chondrocytes\_GSM266741.CEL  
90-Chondrocytes\_GSM266741.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258741.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d14\_GSM258737.CEL  
95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258739.CEL  
97-10T1/2\_GSM258631.CEL  
98-10T1/2\_GSM258631.CEL  
99-3T3-L1\_GSM258610.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258739.CEL  
102-NH3T3\_GSM258739.CEL  
103-C2C12\_GSM258629.CEL  
104-C2C12\_GSM258629.CEL  
105-Bruce4\_GSM258690.CEL  
106-Bruce4\_GSM258690.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258767.CEL  
115-Lymph-nodes\_GSM258691.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258677.CEL  
119-Intestine-small\_GSM258677.CEL  
120-Intestine-large\_GSM258676.CEL  
121-Intestine-large\_GSM258676.CEL  
122-Colon-d4\_GSM198810.CEL  
123-Colon-d4\_GSM198810.CEL  
124-Colon-d9\_GSM198810.CEL  
125-Colon-d9\_GSM198810.CEL  
126-NALT\_GSM289408.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289410.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0112\_High in NALT (17 nodes)

358.9  
340  
321.1  
302.2  
283.3  
264.4  
245.5  
226.6  
207.8  
188.9  
170  
151.1  
132.2  
113.3  
94.4  
75.5  
56.7  
37.8  
18.9  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-V-M-cells\_GSM190792.CEL  
05-CT-V-M-cells\_GSM190793.CEL  
06-CT-V-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYE\_P001001.CEL  
11-FAE-RMPYE\_P002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM349880.CEL  
17-Colon-IEC-Gf\_GSM350375.CEL  
18-Colon-Vill-GSM480362.CEL  
19-Colon-Vill-GSM480363.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318589.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116350.CEL  
26-Paneth-cells-Gf-GSM116357.CEL  
27-Paneth-cells-Gf-GSM116357.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258770.CEL  
32-MEP\_GSM258770.CEL  
33-MEP\_GSM258770.CEL  
34-MEP\_GSM258770.CEL  
35-MEP\_GSM258770.CEL  
36-MEP\_GSM258770.CEL  
37-MEP\_GSM258770.CEL  
38-Granulocytes\_GSM258667.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Mast-cells\_GSM258712.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-Gf-GSM258712.CEL  
43-Mast-cells-Gf-GSM258712.CEL  
44-Mast-cells-Gf-GSM258712.CEL  
45-Mast-cells-Gf-GSM258712.CEL  
46-NK-cells\_GSM258731.CEL  
47-NK-cells\_GSM258731.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a+DC\_GSM258647.CEL  
51-CD8a+DC\_GSM258647.CEL  
52-CD8a+DC\_GSM258647.CEL  
53-CD8a+DC\_GSM258647.CEL  
54-CD8a+DC\_GSM258647.CEL  
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57-CD8a+DC\_GSM258647.CEL  
58-CD8a+DC\_GSM258647.CEL  
59-CD8a+DC\_GSM258647.CEL  
60-CD8a+DC\_GSM258647.CEL  
61-CD8a+DC\_GSM258647.CEL  
62-Microglia\_GSM258721.CEL  
63-Microglia\_GSM258721.CEL  
64-Microglia\_GSM258721.CEL  
65-Osteoclasts\_GSM258743.CEL  
66-Osteoclasts\_GSM258743.CEL  
67-Thymocyte-DN\_GSM465595.CEL  
68-Thymocyte-DN\_GSM465595.CEL  
69-T-cells-CD4+\_GSM258773.CEL  
70-T-cells-CD4+\_GSM258773.CEL  
71-T-cells-CD4+\_GSM258773.CEL  
72-T-cells-CD4+\_GSM258773.CEL  
73-Tregs\_GSM258778.CEL  
74-Tregs\_GSM258778.CEL  
75-Tregs\_GSM258778.CEL  
76-Tregs\_GSM258778.CEL  
77-Tregs\_GSM258778.CEL  
78-Tregs\_GSM258778.CEL  
79-Follicular-B-cells\_GSM258664.CEL  
80-Follicular-B-cells\_GSM258664.CEL  
81-Follicular-B-cells\_GSM258664.CEL  
82-Follicular-B-cells\_GSM258664.CEL  
83-Follicular-B-cells\_GSM258664.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-Lymph-endo-cells\_GSM143704.CEL  
86-Lymph-endo-cells\_GSM143704.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465593.CEL  
89-Nat Helper cell\_GSM465593.CEL  
90-Chondrocytes\_GSM258741.CEL  
91-Chondrocytes\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258741.CEL  
93-Osteoblast-d5\_GSM258741.CEL  
94-Osteoblast-d14\_GSM258737.CEL  
95-Osteoblast-d21\_GSM258738.CEL  
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97-Osteoblast-d21\_GSM258738.CEL  
98-Osteoblast-d21\_GSM258738.CEL  
99-3T3-L1\_GSM258610.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258730.CEL  
102-NH3T3\_GSM258730.CEL  
103-NH3T3\_GSM258730.CEL  
104-Bruce4\_GSM258690.CEL  
105-Bruce4\_GSM258690.CEL  
106-Bruce4\_GSM258690.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258767.CEL  
115-Spleen\_GSM258767.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258692.CEL  
119-Intestine-small\_GSM258692.CEL  
120-Intestine-large\_GSM258675.CEL  
121-Intestine-large\_GSM258675.CEL  
122-Intestine-large\_GSM258675.CEL  
123-Colon-d4\_GSM198101.CEL  
124-Colon-d4\_GSM198101.CEL  
125-Colon-d9\_GSM198103.CEL  
126-Colon-d9\_GSM198103.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289409.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0113\_Uncertain (16 nodes)

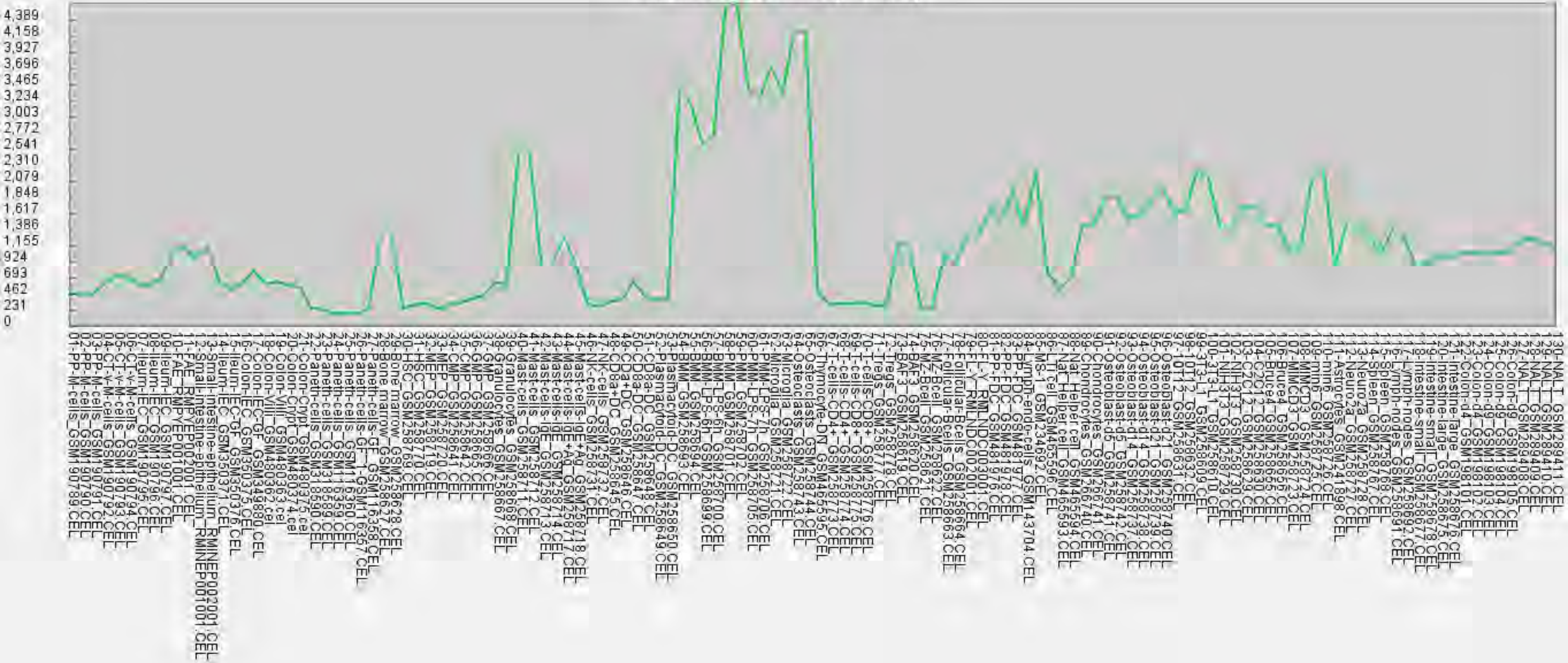
104.2  
98.7  
93.2  
87.7  
82.2  
76.7  
71.3  
65.8  
60.3  
54.8  
49.3  
43.9  
38.4  
32.9  
27.4  
21.9  
16.4  
11  
5.5  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-v-M-cells	GSM190792	CEL
05	CT-v-M-cells	GSM190793	CEL
06	CT-v-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-VIII	GSM480365	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Bone marrow	GSM258667	CEL
29	Bone marrow	GSM258668	CEL
30	HSC	GSM258770	CEL
31	HSC	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	MEP	GSM258775	CEL
36	GMP	GSM258666	CEL
37	GMP	GSM258666	CEL
38	GMP	GSM258666	CEL
39	Granulocytes	GSM258667	CEL
40	Mast-cells	GSM258771	CEL
41	Mast-cells	GSM258772	CEL
42	Mast-cells	GSM258773	CEL
43	Mast-cells	GSM258774	CEL
44	Mast-cells	GSM258775	CEL
45	Mast-cells	GSM258776	CEL
46	NK-cells	GSM258777	CEL
47	NK-cells	GSM258778	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a+DC	GSM258647	CEL
51	CD8a+DC	GSM258647	CEL
52	CD8a+DC	GSM258647	CEL
53	CD8a+DC	GSM258647	CEL
54	CD8a+DC	GSM258647	CEL
55	CD8a+DC	GSM258647	CEL
56	CD8a+DC	GSM258647	CEL
57	CD8a+DC	GSM258647	CEL
58	CD8a+DC	GSM258647	CEL
59	CD8a+DC	GSM258647	CEL
60	CD8a+DC	GSM258647	CEL
61	CD8a+DC	GSM258647	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
64	Osteoclasts	GSM258743	CEL
65	Osteoclasts	GSM258744	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258773	CEL
69	T-cells-CD8+	GSM258774	CEL
70	T-cells-CD8+	GSM258774	CEL
71	Tregs	GSM258778	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258620	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258621	CEL
76	MZ-Bcell	GSM258621	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258664	CEL
79	F-LY-RMLNDC	GSM258664	CEL
80	F-LY-RMLNDC	GSM258664	CEL
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481976	CEL
83	PP-FDC	GSM481977	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	TI cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM258741	CEL
90	Chondrocytes	GSM258741	CEL
91	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d5	GSM258742	CEL
93	Osteoblast-d14	GSM258737	CEL
94	Osteoblast-d14	GSM258737	CEL
95	Osteoblast-d21	GSM258738	CEL
96	Osteoblast-d21	GSM258738	CEL
97	OT12	GSM258631	CEL
98	OT12	GSM258631	CEL
99	3T3-L1	GSM258609	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258629	CEL
105	Bruce4	GSM258666	CEL
106	Bruce4	GSM258666	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258723	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258725	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258728	CEL
113	Spleen	GSM258767	CEL
114	Spleen	GSM258767	CEL
115	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258691	CEL
117	Lymph-nodes	GSM258691	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-small	GSM258677	CEL
120	Intestine-large	GSM258675	CEL
121	Intestine-large	GSM258675	CEL
122	Colon-d4	GSM198810	CEL
123	Colon-d4	GSM198810	CEL
124	Colon-d9	GSM198810	CEL
125	Colon-d9	GSM198810	CEL
126	Colon-d9	GSM198810	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL

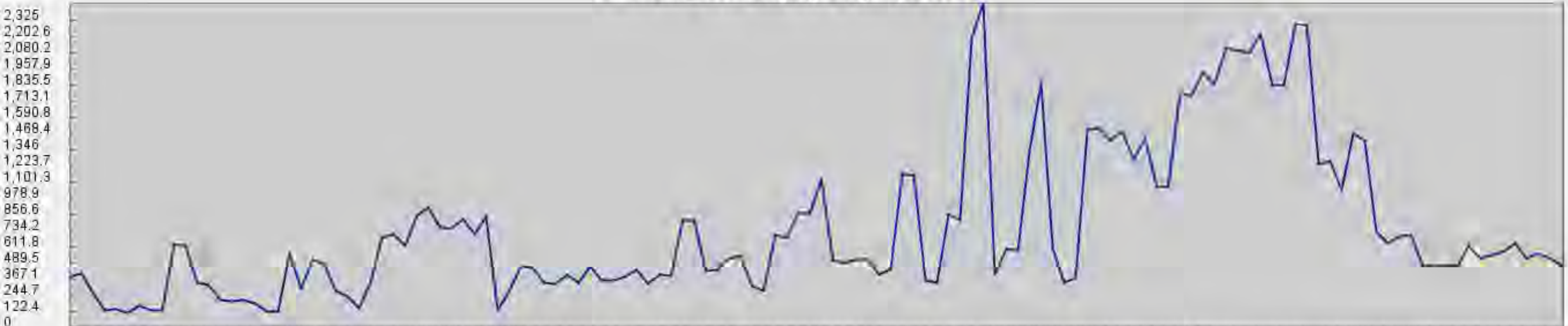


Cluster0114\_Uncertain (16 nodes)





Cluster0115\_House keeping-cell cycle (16 nodes)



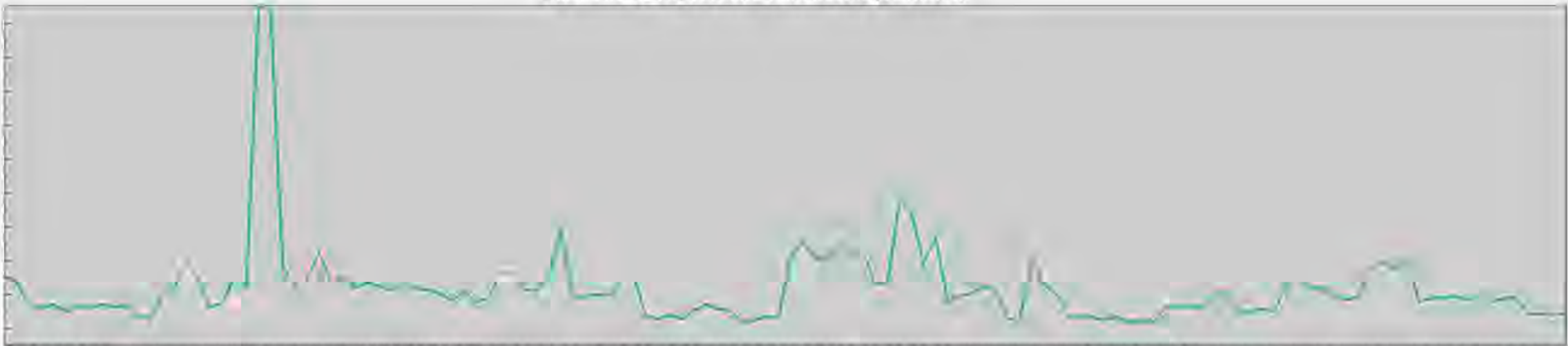






Cluster0117\_High in some Paneth cells (16 nodes)

331.3  
313.8  
296.4  
279  
261.5  
244.1  
226.7  
209.2  
191.8  
174.4  
156.9  
139.5  
122  
104.6  
87.2  
69.7  
52.3  
34.9  
17.4  
0



130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258674 CELL  
 118- Intestine-small GSM258673 CELL  
 117- Lymph-nodes GSM258672 CELL  
 116- Lymph-nodes GSM258671 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258766 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258727 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258726 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258724 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258665 CELL  
 105- Bruce4 GSM258664 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258689 CELL  
 102- NIH3T3 GSM258730 CELL  
 101- NIH3T3 GSM258729 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T1/2 GSM258632 CELL  
 97- 10T1/2 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Chondrocytes GSM266740 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- Tt cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- PP-FDC GSM481977 CELL  
 82- PP-FDC GSM481978 CELL  
 81- PP-FDC GSM481976 CELL  
 80- D-L Y RMLNDCC003001 CELL  
 79- E-L Y RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258663 CELL  
 76- MZ-Bcell GSM258622 CELL  
 75- MZ-Bcell GSM258621 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258774 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- T-cells-CD4+ GSM258744 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- MM-LPS-7h GSM268706 CELL  
 61- MM-LPS-7h GSM268705 CELL  
 60- MM-LPS-6h GSM258702 CELL  
 59- MM-LPS-6h GSM258701 CELL  
 58- MM-LPS-6h GSM258699 CELL  
 57- MM-LPS-6h GSM258699 CELL  
 56- MM-LPS-6h GSM258694 CELL  
 55- BMM GSM258693 CELL  
 54- BMM GSM258693 CELL  
 53- Plasmacytoid-DC GSM258649 CELL  
 52- CD8a-DC GSM258647 CELL  
 51- CD8a-DC GSM258647 CELL  
 50- CD8a+DC GSM258646 CELL  
 49- CD8a+DC GSM258646 CELL  
 48- NK-cells GSM258732 CELL  
 47- NK-cells GSM258731 CELL  
 46- Mast-cells-IgE+Ad GSM258718 CELL  
 45- Mast-cells-IgE+Ad GSM258717 CELL  
 44- Mast-cells-IgE GSM258714 CELL  
 43- Mast-cells-IgE GSM258713 CELL  
 42- Mast-cells GSM258712 CELL  
 41- Mast-cells GSM258711 CELL  
 40- Granulocytes GSM258667 CELL  
 39- Granulocytes GSM258667 CELL  
 38- GMP GSM258666 CELL  
 37- GMP GSM258666 CELL  
 36- GMP GSM258665 CELL  
 35- CMP GSM258642 CELL  
 34- CMP GSM258641 CELL  
 33- MIEP GSM258720 CELL  
 32- MIEP GSM258719 CELL  
 31- HSC GSM258770 CELL  
 30- HSC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF GSM116358 CELL  
 26- Paneth-cells-GF GSM116357 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116350 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002901 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP002001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- PP-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0118\_Paneth cell-related (16 nodes)

2,851 2  
2,701 1  
2,551 1  
2,401  
2,250.9  
2,100.9  
1,950.8  
1,800.8  
1,650.7  
1,500.6  
1,350.6  
1,200.5  
1,050.4  
900.4  
750.3  
600.3  
450.2  
300.1  
150.1  
0



30-NALT GSM289411 CELL  
29-NALT GSM289410 CELL  
28-NALT GSM289409 CELL  
27-NALT GSM289408 CELL  
26-Color-d9 GSM1988105 CELL  
25-Color-d9 GSM1988104 CELL  
24-Color-d9 GSM1988103 CELL  
23-Color-d4 GSM1988102 CELL  
22-Color-d4 GSM1988101 CELL  
21-Intestine-large GSM258676 CELL  
20-Intestine-large GSM258675 CELL  
19-Intestine-small GSM258674 CELL  
18-Intestine-small GSM258673 CELL  
17-Lymph-nodes GSM258672 CELL  
16-Spleen GSM258671 CELL  
15-Spleen GSM258670 CELL  
14-Neuro2a GSM258669 CELL  
13-Astrocytes GSM241898 CELL  
12-ming GSM258667 CELL  
11-ming GSM258666 CELL  
10-MIMCD3 GSM258665 CELL  
09-MIMCD3 GSM258664 CELL  
08-Bruc4 GSM258663 CELL  
07-Bruc4 GSM258662 CELL  
06-Bruc4 GSM258661 CELL  
05-Osteoblast-d5 GSM258660 CELL  
04-Osteoblast-d5 GSM258659 CELL  
03-Osteoblast-d5 GSM258658 CELL  
02-Chondrocytes GSM258657 CELL  
01-Nat\_Helper cell GSM465594 CELL  
87-Nat\_Helper cell GSM465593 CELL  
86-LT cell GSM465592 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endc-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481976 CELL  
81-P-FDC GSM481975 CELL  
80-LY RMLNDCC003001 CELL  
79-LY RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258654 CELL  
77-Follicular-Bcells GSM258653 CELL  
76-MZ-Bcell GSM258652 CELL  
75-MZ-Bcell GSM258651 CELL  
74-BAF3 GSM258650 CELL  
73-BAF3 GSM258649 CELL  
72-Tregs GSM258648 CELL  
71-Tregs GSM258647 CELL  
70-T-cells-CD8+ GSM258646 CELL  
69-T-cells-CD8+ GSM258645 CELL  
68-T-cells-CD4+ GSM258644 CELL  
67-T-cells-CD4+ GSM258643 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258642 CELL  
64-Osteoclasts GSM258641 CELL  
63-Microglia GSM258640 CELL  
62-Microglia GSM258639 CELL  
61-MM-LPS-7h GSM258638 CELL  
60-MM-LPS-7h GSM258637 CELL  
59-MM-LPS-6h GSM258636 CELL  
58-MM-LPS-6h GSM258635 CELL  
57-MM-LPS-6h GSM258634 CELL  
56-MM-LPS-6h GSM258633 CELL  
55-MM-LPS-6h GSM258632 CELL  
54-MM-LPS-6h GSM258631 CELL  
53-MM-LPS-6h GSM258630 CELL  
52-MM-LPS-6h GSM258629 CELL  
51-MM-LPS-6h GSM258628 CELL  
50-CD8a-DC GSM258627 CELL  
49-CD8a-DC GSM258626 CELL  
48-CD8a+DC GSM258625 CELL  
47-NK-cells GSM258624 CELL  
46-NK-cells GSM258623 CELL  
45-Mast-cells-IgE+Ad GSM258622 CELL  
44-Mast-cells-IgE+Ad GSM258621 CELL  
43-Mast-cells-IgE GSM258620 CELL  
42-Mast-cells-IgE GSM258619 CELL  
41-Mast-cells-IgE GSM258618 CELL  
40-Granulocytes GSM258617 CELL  
39-Granulocytes GSM258616 CELL  
38-MP GSM258615 CELL  
37-MP GSM258614 CELL  
36-MP GSM258613 CELL  
35-MP GSM258612 CELL  
34-MP GSM258611 CELL  
33-MP GSM258610 CELL  
32-MP GSM258609 CELL  
31-MP GSM258608 CELL  
30-HSC GSM258607 CELL  
29-Bone marrow GSM258606 CELL  
28-Paneth-cells-GE GSM116357 CELL  
27-Paneth-cells-GE GSM116356 CELL  
26-Paneth-cells GSM116355 CELL  
25-Paneth-cells GSM116354 CELL  
24-Paneth-cells GSM116353 CELL  
23-Paneth-cells GSM116352 CELL  
22-Color-d9 GSM1988105 CELL  
21-Color-d9 GSM1988104 CELL  
20-Color-d9 GSM1988103 CELL  
19-Color-d9 GSM1988102 CELL  
18-Color-d9 GSM1988101 CELL  
17-Color-Vill GSM480362 CELL  
16-Color-Vill GSM480361 CELL  
15-Color-Vill GSM480360 CELL  
14-Color-Vill GSM480359 CELL  
13-Color-Vill GSM480358 CELL  
12-Color-Vill GSM480357 CELL  
11-Color-Vill GSM480356 CELL  
10-Color-Vill GSM480355 CELL  
09-Color-Vill GSM480354 CELL  
08-Color-Vill GSM480353 CELL  
07-Color-Vill GSM480352 CELL  
06-Color-Vill GSM480351 CELL  
05-Color-Vill GSM480350 CELL  
04-Color-Vill GSM480349 CELL  
03-Color-Vill GSM480348 CELL  
02-Color-Vill GSM480347 CELL  
01-Color-Vill GSM480346 CELL  
13-Small-intestine-epithelium RMINEP002001 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE RMPYEP002001 CELL  
10-FAE RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-Ileum-IEC GSM190794 CELL  
05-CT-w-M-cells GSM190793 CELL  
04-CT-w-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL

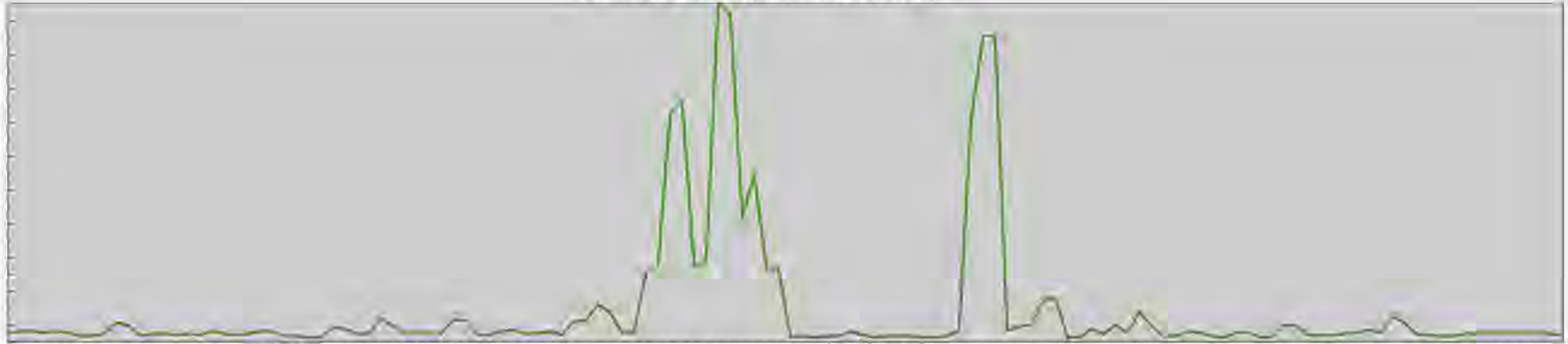






Cluster0120\_Phagocyte-related (15 nodes)

4,746.4  
4,496.6  
4,246.8  
3,997  
3,747.2  
3,497.4  
3,247.6  
2,997.7  
2,747.9  
2,498.1  
2,248.3  
1,998.5  
1,748.7  
1,498.9  
1,249.1  
999.2  
749.4  
499.6  
249.8  
0

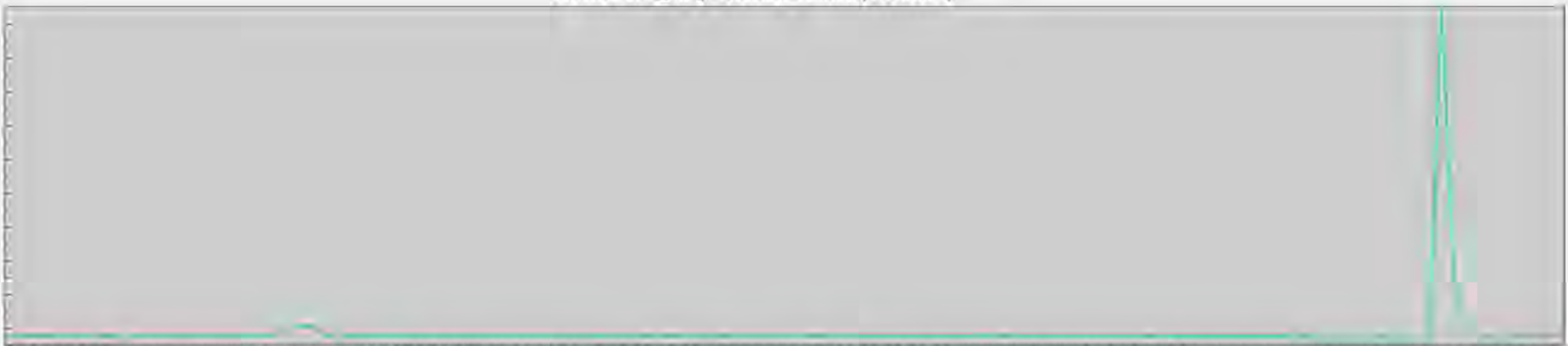


30- NALT GSM289411.CEL  
31- NALT GSM289410.CEL  
32- NALT GSM289409.CEL  
33- NALT GSM289408.CEL  
34- Colon-d9 GSM1988105.CEL  
35- Colon-d9 GSM1988104.CEL  
36- Colon-d9 GSM1988103.CEL  
37- Colon-d4 GSM1988102.CEL  
38- Colon-d4 GSM1988101.CEL  
39- Intestine-large GSM258675.CEL  
40- Intestine-large GSM258674.CEL  
41- Intestine-small GSM258673.CEL  
42- Intestine-small GSM258672.CEL  
43- Spleen GSM258767.CEL  
44- Neuro2a GSM258728.CEL  
45- Astrocytes GSM241898.CEL  
46- Lymph-nodes GSM258691.CEL  
47- Lymph-nodes GSM258690.CEL  
48- Lymph-nodes GSM258689.CEL  
49- mimb GSM258725.CEL  
50- mimb GSM258724.CEL  
51- MIMCD3 GSM258723.CEL  
52- MIMCD3 GSM258722.CEL  
53- Bruce4 GSM258656.CEL  
54- Bruce4 GSM258655.CEL  
55- C2C12 GSM258690.CEL  
56- C2C12 GSM258689.CEL  
57- NH3T3 GSM258739.CEL  
58- NH3T3 GSM258738.CEL  
59- 3T3-L1 GSM258610.CEL  
60- 3T3-L1 GSM258609.CEL  
61- OT12 GSM258632.CEL  
62- OT12 GSM258631.CEL  
63- Osteoblast-d21 GSM258740.CEL  
64- Osteoblast-d21 GSM258739.CEL  
65- Osteoblast-d14 GSM258738.CEL  
66- Osteoblast-d14 GSM258737.CEL  
67- Osteoblast-d5 GSM258742.CEL  
68- Osteoblast-d5 GSM258741.CEL  
69- Chondrocytes GSM266741.CEL  
70- Chondrocytes GSM266740.CEL  
71- Nat Helper cell GSM465594.CEL  
72- Nat Helper cell GSM465593.CEL  
73- L1 cell GSM465596.CEL  
74- MS-1 GSM234692.CEL  
75- MS-1 GSM143704.CEL  
76- Lymph-endo-cells GSM481977.CEL  
77- Lymph-endo-cells GSM481976.CEL  
78- PP-FDC GSM481978.CEL  
79- PP-FDC GSM481977.CEL  
80- PP-FDC GSM481976.CEL  
81- PP-FDC GSM481975.CEL  
82- FLY RMLNDCC002001.CEL  
83- FLY RMLNDCC002001.CEL  
84- FLY RMLNDCC002001.CEL  
85- FLY RMLNDCC002001.CEL  
86- Follicular-Bcells GSM258664.CEL  
87- Follicular-Bcells GSM258663.CEL  
88- MZ-Bcell GSM258627.CEL  
89- MZ-Bcell GSM258626.CEL  
90- BAF3 GSM258620.CEL  
91- BAF3 GSM258619.CEL  
92- Tregs GSM258778.CEL  
93- Tregs GSM258777.CEL  
94- Tregs GSM258776.CEL  
95- Tregs GSM258775.CEL  
96- Tregs GSM258774.CEL  
97- Tregs GSM258773.CEL  
98- T-cells-CD8+ GSM258744.CEL  
99- T-cells-CD8+ GSM258743.CEL  
100- T-cells-CD4+ GSM258745.CEL  
101- Thymocyte-DN GSM465595.CEL  
102- Osteoclasts GSM258743.CEL  
103- Osteoclasts GSM258742.CEL  
104- Microglia GSM258721.CEL  
105- Microglia GSM258720.CEL  
106- PMM-7h GSM258706.CEL  
107- PMM-7h GSM258705.CEL  
108- PMM-LPS-7h GSM258699.CEL  
109- PMM-LPS-7h GSM258698.CEL  
110- PMM-LPS-7h GSM258697.CEL  
111- PMM-LPS-7h GSM258696.CEL  
112- PMM-LPS-7h GSM258695.CEL  
113- PMM-LPS-7h GSM258694.CEL  
114- PMM-LPS-7h GSM258693.CEL  
115- PMM-LPS-7h GSM258692.CEL  
116- PMM-LPS-7h GSM258691.CEL  
117- PMM-LPS-7h GSM258690.CEL  
118- PMM-LPS-7h GSM258689.CEL  
119- PMM-LPS-7h GSM258688.CEL  
120- PMM-LPS-7h GSM258687.CEL  
121- PMM-LPS-7h GSM258686.CEL  
122- PMM-LPS-7h GSM258685.CEL  
123- PMM-LPS-7h GSM258684.CEL  
124- PMM-LPS-7h GSM258683.CEL  
125- PMM-LPS-7h GSM258682.CEL  
126- PMM-LPS-7h GSM258681.CEL  
127- PMM-LPS-7h GSM258680.CEL  
128- PMM-LPS-7h GSM258679.CEL  
129- PMM-LPS-7h GSM258678.CEL  
130- PMM-LPS-7h GSM258677.CEL  
131- PMM-LPS-7h GSM258676.CEL  
132- PMM-LPS-7h GSM258675.CEL  
133- PMM-LPS-7h GSM258674.CEL  
134- PMM-LPS-7h GSM258673.CEL  
135- PMM-LPS-7h GSM258672.CEL  
136- PMM-LPS-7h GSM258671.CEL  
137- PMM-LPS-7h GSM258670.CEL  
138- PMM-LPS-7h GSM258669.CEL  
139- PMM-LPS-7h GSM258668.CEL  
140- PMM-LPS-7h GSM258667.CEL  
141- PMM-LPS-7h GSM258666.CEL  
142- PMM-LPS-7h GSM258665.CEL  
143- PMM-LPS-7h GSM258664.CEL  
144- PMM-LPS-7h GSM258663.CEL  
145- PMM-LPS-7h GSM258662.CEL  
146- PMM-LPS-7h GSM258661.CEL  
147- PMM-LPS-7h GSM258660.CEL  
148- PMM-LPS-7h GSM258659.CEL  
149- PMM-LPS-7h GSM258658.CEL  
150- PMM-LPS-7h GSM258657.CEL



Cluster0121\_Large intestine-related (15 nodes)

1,045.7  
990.6  
935.6  
880.6  
825.5  
770.5  
715.5  
660.4  
605.4  
550.3  
495.3  
440.3  
385.2  
330.2  
275.2  
220.1  
165.1  
110.1  
55  
0



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-y-M-cells	GSM190792	CEL
05	CT-y-M-cells	GSM190793	CEL
06	CT-w-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-IEC	GSM349880	CEL
17	Colon-IEC	GSM349880	CEL
18	Colon-Vill	GSM480362	cel
19	Colon-Vill	GSM480363	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318590	CEL
23	Paneth-cells	GSM318589	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116357	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258627	CEL
30	NALT	GSM289411	CEL
31	NALT	GSM289410	CEL
32	NALT	GSM289409	CEL
33	NALT	GSM289408	CEL
34	Colon-d9	GSM198810	CEL
35	Colon-d9	GSM198810	CEL
36	Colon-d9	GSM198810	CEL
37	Colon-d4	GSM198810	CEL
38	Colon-d4	GSM198810	CEL
39	Intestine-large	GSM258675	CEL
40	Intestine-large	GSM258677	CEL
41	Intestine-small	GSM258691	CEL
42	Intestine-small	GSM258692	CEL
43	Lymph-nodes	GSM258691	CEL
44	Spleen	GSM258678	CEL
45	Spleen	GSM258679	CEL
46	Neuro2a	GSM241898	CEL
47	Neuro2a	GSM241898	CEL
48	Astrocytes	GSM241898	CEL
49	ming	GSM258726	CEL
50	ming	GSM258725	CEL
51	MIMCD3	GSM258724	CEL
52	MIMCD3	GSM258723	CEL
53	MIMCD3	GSM258723	CEL
54	Brice4	GSM258690	CEL
55	Brice4	GSM258690	CEL
56	Brice4	GSM258690	CEL
57	C2C12	GSM258730	CEL
58	NH3T3	GSM258729	CEL
59	NH3T3	GSM258729	CEL
60	3T3-L1	GSM258610	CEL
61	3T3-L1	GSM258609	CEL
62	DT12	GSM258632	CEL
63	DT12	GSM258631	CEL
64	Osteoblast-d21	GSM258740	CEL
65	Osteoblast-d21	GSM258739	CEL
66	Osteoblast-d14	GSM258738	CEL
67	Osteoblast-d14	GSM258737	CEL
68	Osteoblast-d5	GSM258742	CEL
69	Osteoblast-d5	GSM258741	CEL
70	Chondrocytes	GSM258674	CEL
71	Chondrocytes	GSM258674	CEL
72	Nat Helper cell	GSM465594	CEL
73	Nat Helper cell	GSM465593	CEL
74	MS-1	GSM234692	CEL
75	Lymph-endo-cells	GSM143704	CEL
76	FDC	GSM481977	CEL
77	FDC	GSM481978	CEL
78	FDC	GSM481978	CEL
79	FDC	GSM481978	CEL
80	FDC	GSM481978	CEL
81	FDC	GSM481978	CEL
82	FDC	GSM481978	CEL
83	FDC	GSM481978	CEL
84	FDC	GSM481978	CEL
85	FDC	GSM481978	CEL
86	FDC	GSM481978	CEL
87	FDC	GSM481978	CEL
88	FDC	GSM481978	CEL
89	FDC	GSM481978	CEL
90	FDC	GSM481978	CEL
91	FDC	GSM481978	CEL
92	FDC	GSM481978	CEL
93	FDC	GSM481978	CEL
94	FDC	GSM481978	CEL
95	FDC	GSM481978	CEL
96	FDC	GSM481978	CEL
97	FDC	GSM481978	CEL
98	FDC	GSM481978	CEL
99	FDC	GSM481978	CEL
100	FDC	GSM481978	CEL
101	FDC	GSM481978	CEL
102	FDC	GSM481978	CEL
103	FDC	GSM481978	CEL
104	FDC	GSM481978	CEL
105	FDC	GSM481978	CEL
106	FDC	GSM481978	CEL
107	FDC	GSM481978	CEL
108	FDC	GSM481978	CEL
109	FDC	GSM481978	CEL
110	FDC	GSM481978	CEL
111	FDC	GSM481978	CEL
112	FDC	GSM481978	CEL
113	FDC	GSM481978	CEL
114	FDC	GSM481978	CEL
115	FDC	GSM481978	CEL
116	FDC	GSM481978	CEL
117	FDC	GSM481978	CEL
118	FDC	GSM481978	CEL
119	FDC	GSM481978	CEL
120	FDC	GSM481978	CEL
121	FDC	GSM481978	CEL
122	FDC	GSM481978	CEL
123	FDC	GSM481978	CEL
124	FDC	GSM481978	CEL
125	FDC	GSM481978	CEL
126	FDC	GSM481978	CEL
127	FDC	GSM481978	CEL
128	FDC	GSM481978	CEL
129	FDC	GSM481978	CEL
130	FDC	GSM481978	CEL
131	FDC	GSM481978	CEL
132	FDC	GSM481978	CEL
133	FDC	GSM481978	CEL
134	FDC	GSM481978	CEL
135	FDC	GSM481978	CEL
136	FDC	GSM481978	CEL
137	FDC	GSM481978	CEL
138	FDC	GSM481978	CEL
139	FDC	GSM481978	CEL
140	FDC	GSM481978	CEL
141	FDC	GSM481978	CEL
142	FDC	GSM481978	CEL
143	FDC	GSM481978	CEL
144	FDC	GSM481978	CEL
145	FDC	GSM481978	CEL
146	FDC	GSM481978	CEL
147	FDC	GSM481978	CEL
148	FDC	GSM481978	CEL
149	FDC	GSM481978	CEL
150	FDC	GSM481978	CEL
151	FDC	GSM481978	CEL
152	FDC	GSM481978	CEL
153	FDC	GSM481978	CEL
154	FDC	GSM481978	CEL
155	FDC	GSM481978	CEL
156	FDC	GSM481978	CEL
157	FDC	GSM481978	CEL
158	FDC	GSM481978	CEL
159	FDC	GSM481978	CEL
160	FDC	GSM481978	CEL
161	FDC	GSM481978	CEL
162	FDC	GSM481978	CEL
163	FDC	GSM481978	CEL
164	FDC	GSM481978	CEL
165	FDC	GSM481978	CEL
166	FDC	GSM481978	CEL
167	FDC	GSM481978	CEL
168	FDC	GSM481978	CEL
169	FDC	GSM481978	CEL
170	FDC	GSM481978	CEL
171	FDC	GSM481978	CEL
172	FDC	GSM481978	CEL
173	FDC	GSM481978	CEL
174	FDC	GSM481978	CEL
175	FDC	GSM481978	CEL
176	FDC	GSM481978	CEL
177	FDC	GSM481978	CEL
178	FDC	GSM481978	CEL
179	FDC	GSM481978	CEL
180	FDC	GSM481978	CEL
181	FDC	GSM481978	CEL
182	FDC	GSM481978	CEL
183	FDC	GSM481978	CEL
184	FDC	GSM481978	CEL
185	FDC	GSM481978	CEL
186	FDC	GSM481978	CEL
187	FDC	GSM481978	CEL
188	FDC	GSM481978	CEL
189	FDC	GSM481978	CEL
190	FDC	GSM481978	CEL
191	FDC	GSM481978	CEL
192	FDC	GSM481978	CEL
193	FDC	GSM481978	CEL
194	FDC	GSM481978	CEL
195	FDC	GSM481978	CEL
196	FDC	GSM481978	CEL
197	FDC	GSM481978	CEL
198	FDC	GSM481978	CEL
199	FDC	GSM481978	CEL
200	FDC	GSM481978	CEL



Cluster0122\_High in astrocytes and osteoblasts (15 nodes)

1,683.2  
1,594.6  
1,506  
1,417.4  
1,328.6  
1,240.3  
1,151.7  
1,063.1  
974.5  
885.9  
797.3  
708.7  
620.1  
531.5  
442.9  
354.4  
265.8  
177.2  
88.6  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-PP-M-cells\_GSM190792.CEL  
05-CT-v-M-cells\_GSM190793.CEL  
06-CT-v-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM349880.CEL  
17-Colon-IEC-Gf\_GSM350375.CEL  
18-Colon-Vill-GSM480362.CEL  
19-Colon-Vill-GSM480363.CEL  
20-Colon-Crypt-GSM480374.CEL  
21-Colon-Crypt-GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318591.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116359.CEL  
26-Paneth-cells-Gf-1-GSM116357.CEL  
27-Paneth-cells-Gf-1-GSM116357.CEL  
28-Paneth-cells-Gf-1-GSM116358.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258770.CEL  
32-MEP\_GSM258770.CEL  
33-MEP\_GSM258770.CEL  
34-MEP\_GSM258770.CEL  
35-CMP\_GSM258642.CEL  
36-CMP\_GSM258642.CEL  
37-GMP\_GSM258665.CEL  
38-GMP\_GSM258665.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Granulocytes\_GSM258667.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-Gf\_GSM258712.CEL  
43-Mast-cells-Gf\_GSM258712.CEL  
44-Mast-cells-Gf-Ad-GSM258719.CEL  
45-Mast-cells-Gf-Ad-GSM258719.CEL  
46-NK-cells\_GSM258732.CEL  
47-NK-cells\_GSM258732.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
52-Plasmacytoid-DC\_GSM258650.CEL  
53-Plasmacytoid-DC\_GSM258650.CEL  
54-BMM-GSM258694.CEL  
55-BMM-GSM258694.CEL  
56-BMM-LPS-6h-GSM258700.CEL  
57-BMM-LPS-6h-GSM258700.CEL  
58-BMM-LPS-7h-GSM258702.CEL  
59-BMM-LPS-7h-GSM258702.CEL  
60-Microglia\_GSM258721.CEL  
61-Microglia\_GSM258721.CEL  
62-Osteoclasts\_GSM258743.CEL  
63-Osteoclasts\_GSM258743.CEL  
64-Thymocyte-DN\_GSM465595.CEL  
65-Thymocyte-DN\_GSM465595.CEL  
66-T-cells-CD4+\_GSM258773.CEL  
67-T-cells-CD4+\_GSM258773.CEL  
68-T-cells-CD8+\_GSM258774.CEL  
69-T-cells-CD8+\_GSM258774.CEL  
70-T-cells-CD8+\_GSM258776.CEL  
71-T-cells-CD8+\_GSM258776.CEL  
72-Tregs\_GSM258778.CEL  
73-Tregs\_GSM258778.CEL  
74-BAF3\_GSM258620.CEL  
75-BAF3\_GSM258620.CEL  
76-MZ-Bcell\_GSM258622.CEL  
77-MZ-Bcell\_GSM258622.CEL  
78-Follicular-Bcells\_GSM258664.CEL  
79-Follicular-Bcells\_GSM258664.CEL  
80-L-Y-RMLNDC002001.CEL  
81-L-Y-RMLNDC003001.CEL  
82-L-Y-RMLNDC003001.CEL  
83-PP-FDC\_GSM481978.CEL  
84-PP-FDC\_GSM481978.CEL  
85-PP-FDC\_GSM481978.CEL  
86-MS-1\_GSM234692.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465593.CEL  
89-LT cell\_GSM465596.CEL  
89-LT cell\_GSM465596.CEL  
90-Chondrocytes\_GSM258741.CEL  
91-Chondrocytes\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258742.CEL  
93-Osteoblast-d5\_GSM258742.CEL  
94-Osteoblast-d14\_GSM258738.CEL  
95-Osteoblast-d14\_GSM258738.CEL  
96-Osteoblast-d21\_GSM258740.CEL  
97-Osteoblast-d21\_GSM258740.CEL  
98-10T1/2-GSM258631.CEL  
99-10T1/2-GSM258631.CEL  
99-3T3-L1\_GSM258610.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3-GSM258739.CEL  
102-NH3T3-GSM258739.CEL  
103-C2C12-GSM258629.CEL  
104-C2C12-GSM258629.CEL  
106-Bruce4-GSM258690.CEL  
107-MIMCD3-GSM258723.CEL  
108-MIMCD3-GSM258723.CEL  
109-mim6-GSM258725.CEL  
110-mim6-GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258768.CEL  
114-Spleen\_GSM258768.CEL  
115-Lymph-nodes\_GSM258679.CEL  
116-Lymph-nodes\_GSM258679.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Lymph-nodes\_GSM258691.CEL  
119-Intestine-small\_GSM258677.CEL  
120-Intestine-large\_GSM258677.CEL  
121-Intestine-large\_GSM258676.CEL  
122-Intestine-large\_GSM258675.CEL  
123-Colon-d4-GSM198810.CEL  
124-Colon-d4-GSM198810.CEL  
125-Colon-d9-GSM198810.CEL  
126-Colon-d9-GSM198810.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289408.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL







Cluster0124\_intestine-related (15 nodes)

4,161.4  
3,942.4  
3,723.4  
3,504.3  
3,285.3  
3,068.3  
2,847.3  
2,628.3  
2,409.2  
2,190.2  
1,971.2  
1,752.2  
1,533.2  
1,314.1  
1,095.1  
876.1  
657.1  
438  
219  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258677.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM2418998.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258665.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-L-Y RMLNDCC003001.CEL  
79-L-Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM268706.CEL  
60-PM-M-PS-7h GSM268706.CEL  
59-PM-M-PS-7h GSM268705.CEL  
58-PM-M-PS-6h GSM258702.CEL  
57-PM-M-PS-6h GSM258702.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-PM-M-PS-6h GSM258699.CEL  
54-PM-M-PS-6h GSM258694.CEL  
53-PM-M-PS-6h GSM258694.CEL  
52-PM-M-PS-6h GSM258694.CEL  
51-PM-M-PS-6h GSM258694.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a-DC GSM258647.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM318590.CEL  
20-Colon-Crypt GSM480375.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL







Cluster0126\_High in osteoclasts (15 nodes)

3,454.9  
3,273.1  
3,091.3  
2,909.4  
2,727.6  
2,545.7  
2,363.9  
2,182.1  
2,000.2  
1,818.4  
1,636.6  
1,454.7  
1,272.9  
1,091  
909.2  
727.4  
545.5  
363.7  
181.8  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988103 CELL  
124-Color-d9 GSM1988102 CELL  
123-Color-d4 GSM1988101 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258678 CELL  
118-Intestine-small GSM258692 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Spleen GSM258766 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258768 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-T cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258622 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Microglia GSM258721 CELL  
63-Microglia GSM258721 CELL  
62-MM-LPS-7h GSM258706 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-6h GSM258702 CELL  
59-MM-LPS-6h GSM258701 CELL  
58-MM-LPS-6h GSM258699 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258694 CELL  
55-Ismacryoid-DC GSM258650 CELL  
54-Ismacryoid-DC GSM258649 CELL  
53-CD8a-DC GSM258648 CELL  
52-CD8a-DC GSM258647 CELL  
51-CD8a-DC GSM258647 CELL  
50-CD8a+DC GSM258646 CELL  
49-CD8a+DC GSM258646 CELL  
48-NK-cells GSM258732 CELL  
47-NK-cells GSM258731 CELL  
46-Mast-cells-IgE+Ad GSM258719 CELL  
45-Mast-cells-IgE+Ad GSM258718 CELL  
44-Mast-cells-IgE GSM258714 CELL  
43-Mast-cells-IgE GSM258713 CELL  
42-Mast-cells-IgE GSM258712 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258667 CELL  
39-Granulocytes GSM258666 CELL  
38-GMP GSM258665 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258664 CELL  
35-GMP GSM258642 CELL  
34-MPEP GSM258641 CELL  
33-MPEP GSM258641 CELL  
32-MPEP GSM258770 CELL  
31-HSC GSM258770 CELL  
30-Bone marrow GSM258628 CELL  
29-Bone marrow GSM258627 CELL  
28-Paneth-cells-GE GSM116358 CELL  
27-Paneth-cells-GE GSM116357 CELL  
26-Paneth-cells-GE GSM116350 CELL  
25-Paneth-cells GSM116359 CELL  
24-Paneth-cells GSM116359 CELL  
23-Paneth-cells GSM318589 CELL  
22-Paneth-cells GSM318590 CELL  
21-Color-Crypt GSM480375 cel  
20-Color-Crypt GSM480374 cel  
19-Color-Vill GSM480363 cel  
18-Color-Vill GSM480362 cel  
17-Color-IEC-Gf GSM349880 CELL  
16-Color-IEC-Gf GSM350375 CELL  
15-Ileum-IEC-Gf GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-w-M-cells GSM190794 CELL  
05-CT-y-M-cells GSM190793 CELL  
04-PP-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0127\_High in bone marrow progenitors (15 nodes)

1,142.9  
1,082.7  
1,022.6  
962.4  
802.3  
842.1  
782  
721.8  
661.7  
601.5  
541.4  
481.2  
421.1  
360.9  
300.8  
240.6  
180.5  
120.3  
60.2  
0



01-PP-M-cells_GSM190789	CEL	258650
02-PP-M-cells_GSM190790	CEL	258649
03-PP-M-cells_GSM190791	CEL	258648
04-CT-Y-M-cells_GSM190792	CEL	258647
05-CT-Y-M-cells_GSM190793	CEL	258646
06-CT-W-M-cells_GSM190794	CEL	258645
07-Ileum-EC_GSM190795	CEL	258644
08-Ileum-EC_GSM190796	CEL	258643
09-Ileum-EC_GSM190797	CEL	258642
10-FAE-RMPYEP001001	CEL	258641
11-FAE-RMPYEP002001	CEL	258640
12-Small-intestine-epithelium_RMINEP001001	CEL	258639
13-Small-intestine-epithelium_RMINEP002001	CEL	258638
14-Ileum-EC_GSM350371	CEL	258637
15-Ileum-EC_GSM350375	CEL	258636
16-Colon-VIII_GSM480362	cel	258635
17-Colon-VIII_GSM480363	cel	258634
18-Colon-VIII_GSM480364	cel	258633
19-Colon-VIII_GSM480365	cel	258632
20-Colon-Crypt_GSM480374	cel	258631
21-Colon-Crypt_GSM480375	cel	258630
22-Paneth-cells_GSM318589	CEL	258629
23-Paneth-cells_GSM318590	CEL	258628
24-Paneth-cells_GSM116359	CEL	258627
25-Paneth-cells_GSM116360	CEL	258626
26-Paneth-cells-GF-1-GSM116357	CEL	258625
27-Paneth-cells-GF-1-GSM116358	CEL	258624
28-Bone marrow_GSM258627	CEL	258623
29-Bone marrow_GSM258628	CEL	258622
30-HSC_GSM258629	CEL	258621
31-HSC_GSM258630	CEL	258620
32-MEP_GSM258631	CEL	258619
33-MEP_GSM258632	CEL	258618
34-MEP_GSM258633	CEL	258617
35-CMP_GSM258634	CEL	258616
36-CMP_GSM258635	CEL	258615
37-GMP_GSM258636	CEL	258614
38-GMP_GSM258637	CEL	258613
39-Granulocytes_GSM258638	CEL	258612
40-Granulocytes_GSM258639	CEL	258611
41-Mast-cells_GSM258640	CEL	258610
42-Mast-cells-GM-1-GSM258641	CEL	258609
43-Mast-cells-GM-1-GSM258642	CEL	258608
44-Mast-cells-GM-1-GSM258643	CEL	258607
45-Mast-cells-GM-1-GSM258644	CEL	258606
46-NK-cells_GSM258645	CEL	258605
47-NK-cells_GSM258646	CEL	258604
48-CD8a+DC_GSM258647	CEL	258603
49-CD8a+DC_GSM258648	CEL	258602
50-CD8a+DC_GSM258649	CEL	258601
51-CD8a+DC_GSM258650	CEL	258600
52-CD8a+DC_GSM258651	CEL	258599
53-CD8a+DC_GSM258652	CEL	258598
54-CD8a+DC_GSM258653	CEL	258597
55-CD8a+DC_GSM258654	CEL	258596
56-CD8a+DC_GSM258655	CEL	258595
57-CD8a+DC_GSM258656	CEL	258594
58-CD8a+DC_GSM258657	CEL	258593
59-CD8a+DC_GSM258658	CEL	258592
60-CD8a+DC_GSM258659	CEL	258591
61-CD8a+DC_GSM258660	CEL	258590
62-CD8a+DC_GSM258661	CEL	258589
63-CD8a+DC_GSM258662	CEL	258588
64-CD8a+DC_GSM258663	CEL	258587
65-CD8a+DC_GSM258664	CEL	258586
66-CD8a+DC_GSM258665	CEL	258585
67-CD8a+DC_GSM258666	CEL	258584
68-CD8a+DC_GSM258667	CEL	258583
69-CD8a+DC_GSM258668	CEL	258582
70-CD8a+DC_GSM258669	CEL	258581
71-CD8a+DC_GSM258670	CEL	258580
72-CD8a+DC_GSM258671	CEL	258579
73-CD8a+DC_GSM258672	CEL	258578
74-CD8a+DC_GSM258673	CEL	258577
75-CD8a+DC_GSM258674	CEL	258576
76-CD8a+DC_GSM258675	CEL	258575
77-CD8a+DC_GSM258676	CEL	258574
78-CD8a+DC_GSM258677	CEL	258573
79-CD8a+DC_GSM258678	CEL	258572
80-CD8a+DC_GSM258679	CEL	258571
81-CD8a+DC_GSM258680	CEL	258570
82-CD8a+DC_GSM258681	CEL	258569
83-CD8a+DC_GSM258682	CEL	258568
84-CD8a+DC_GSM258683	CEL	258567
85-CD8a+DC_GSM258684	CEL	258566
86-CD8a+DC_GSM258685	CEL	258565
87-CD8a+DC_GSM258686	CEL	258564
88-CD8a+DC_GSM258687	CEL	258563
89-CD8a+DC_GSM258688	CEL	258562
90-CD8a+DC_GSM258689	CEL	258561
91-CD8a+DC_GSM258690	CEL	258560
92-CD8a+DC_GSM258691	CEL	258559
93-CD8a+DC_GSM258692	CEL	258558
94-CD8a+DC_GSM258693	CEL	258557
95-CD8a+DC_GSM258694	CEL	258556
96-CD8a+DC_GSM258695	CEL	258555
97-CD8a+DC_GSM258696	CEL	258554
98-CD8a+DC_GSM258697	CEL	258553
99-CD8a+DC_GSM258698	CEL	258552
100-CD8a+DC_GSM258699	CEL	258551
101-CD8a+DC_GSM258700	CEL	258550
102-CD8a+DC_GSM258701	CEL	258549
103-CD8a+DC_GSM258702	CEL	258548
104-CD8a+DC_GSM258703	CEL	258547
105-CD8a+DC_GSM258704	CEL	258546
106-CD8a+DC_GSM258705	CEL	258545
107-CD8a+DC_GSM258706	CEL	258544
108-CD8a+DC_GSM258707	CEL	258543
109-CD8a+DC_GSM258708	CEL	258542
110-CD8a+DC_GSM258709	CEL	258541
111-CD8a+DC_GSM258710	CEL	258540
112-CD8a+DC_GSM258711	CEL	258539
113-CD8a+DC_GSM258712	CEL	258538
114-CD8a+DC_GSM258713	CEL	258537
115-CD8a+DC_GSM258714	CEL	258536
116-CD8a+DC_GSM258715	CEL	258535
117-CD8a+DC_GSM258716	CEL	258534
118-CD8a+DC_GSM258717	CEL	258533
119-CD8a+DC_GSM258718	CEL	258532
120-CD8a+DC_GSM258719	CEL	258531
121-CD8a+DC_GSM258720	CEL	258530
122-CD8a+DC_GSM258721	CEL	258529
123-CD8a+DC_GSM258722	CEL	258528
124-CD8a+DC_GSM258723	CEL	258527
125-CD8a+DC_GSM258724	CEL	258526
126-CD8a+DC_GSM258725	CEL	258525
127-CD8a+DC_GSM258726	CEL	258524
128-CD8a+DC_GSM258727	CEL	258523
129-CD8a+DC_GSM258728	CEL	258522
130-CD8a+DC_GSM258729	CEL	258521



Cluster0128\_High in all haematopoietic cells (15 nodes)

2,838.5  
2,687.2  
2,638  
2,388.7  
2,238.4  
2,090.1  
1,940.8  
1,791.5  
1,642.2  
1,492.9  
1,343.6  
1,194.3  
1,045  
895.7  
746.5  
597.2  
447.9  
298.6  
149.3  
0



130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-CD9 GSM1988105 CEL  
125-CD9 GSM1988104 CEL  
124-CD9 GSM1988103 CEL  
123-CD9 GSM1988102 CEL  
122-CD9 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258674 CEL  
118-Intestine-small GSM258673 CEL  
117-Lymph-nodes GSM258672 CEL  
116-Spleen GSM258768 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258766 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
111-Astrocytes GSM241898 CEL  
110-mim6 GSM258726 CEL  
109-mim6 GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258665 CEL  
105-Bruce4 GSM258664 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258689 CEL  
102-NH3T3 GSM258730 CEL  
101-NH3T3 GSM258729 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-PP-FDC GSM481977 CEL  
82-PP-FDC GSM481978 CEL  
81-PP-FDC GSM481976 CEL  
80-D-LY RMLNDCC003001 CEL  
79-D-LY RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258627 CEL  
75-MZ-Bcell GSM258627 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258744 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-PM-M-PS-7h GSM258706 CEL  
60-PM-M-PS-7h GSM258706 CEL  
59-PM-M-PS-7h GSM258702 CEL  
58-PM-M-PS-6h GSM258700 CEL  
57-PM-M-PS-6h GSM258699 CEL  
56-PM-M-PS-6h GSM258699 CEL  
55-PM-M-PS-6h GSM258699 CEL  
54-PM-M-PS-6h GSM258699 CEL  
53-PM-M-PS-6h GSM258699 CEL  
52-PM-M-PS-6h GSM258699 CEL  
51-PM-M-PS-6h GSM258699 CEL  
50-PM-M-PS-6h GSM258699 CEL  
49-PM-M-PS-6h GSM258699 CEL  
48-PM-M-PS-6h GSM258699 CEL  
47-PM-M-PS-6h GSM258699 CEL  
46-NK-cells GSM258732 CEL  
45-NK-cells GSM258732 CEL  
44-Mast-cells-IgE+Ad GSM258718 CEL  
43-Mast-cells-IgE+Ad GSM258717 CEL  
42-Mast-cells-IgE GSM258714 CEL  
41-Mast-cells-IgE GSM258713 CEL  
40-Granulocytes GSM258712 CEL  
39-Granulocytes GSM258668 CEL  
38-Granulocytes GSM258667 CEL  
37-GMP GSM258666 CEL  
36-GMP GSM258666 CEL  
35-GMP GSM258666 CEL  
34-GMP GSM258666 CEL  
33-MEP GSM258720 CEL  
32-MEP GSM258720 CEL  
31-MEP GSM258720 CEL  
30-HSC GSM258770 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GF-1 GSM116357 CEL  
26-paneth-cells-GF-1 GSM116350 CEL  
25-paneth-cells-GF-1 GSM116350 CEL  
24-paneth-cells-GSM116359 CEL  
23-paneth-cells-GSM116359 CEL  
22-paneth-cells-GSM318589 CEL  
21-paneth-cells-GSM318589 CEL  
20-paneth-cells-GSM318589 CEL  
19-Colon-Crypt GSM480375 cel  
18-Colon-Vill GSM480363 cel  
17-Colon-Vill GSM480362 cel  
16-Colon-IEC-GF GSM349880 CEL  
15-Colon-IEC-GF GSM350375 CEL  
14-Ileum-IEC GSM350376 CEL  
13-Ileum-IEC GSM350371 CEL  
12-Small-intestine-epithelium RMINEP002001 CEL  
11-Small-intestine-epithelium RMINEP001001 CEL  
10-FAE-RMPYEP001001 CEL  
9-Ileum-IEC GSM190797 CEL  
8-Ileum-IEC GSM190796 CEL  
7-Ileum-IEC GSM190795 CEL  
6-CT-v-M-cells GSM190794 CEL  
5-CT-v-M-cells GSM190793 CEL  
4-CT-v-M-cells GSM190792 CEL  
3-PP-M-cells GSM190791 CEL  
2-PP-M-cells GSM190790 CEL  
1-PP-M-cells GSM190789 CEL



Cluster0129\_Uncertain (15 nodes)



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-V-M-cells\_GSM190792.CEL  
 05-CT-V-M-cells\_GSM190793.CEL  
 06-CT-V-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM350375.CEL  
 17-Colon-IEC-Gf\_GSM349880.CEL  
 18-Colon-Vill-GSM480362.CEL  
 19-Colon-Vill-GSM480363.CEL  
 20-Colon-Crypt-GSM480374.CEL  
 21-Colon-Crypt-GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116350.CEL  
 25-Paneth-cells\_GSM116350.CEL  
 26-Paneth-cells-Gf-1-GSM116357.CEL  
 27-Paneth-cells-Gf-1-GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP-GSM258771.CEL  
 33-MEP-GSM258771.CEL  
 34-MEP-GSM258864.CEL  
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 36-GMP-GSM258866.CEL  
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 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-IdU-GSM258713.CEL  
 43-Mast-cells-IdU-GSM258713.CEL  
 44-Mast-cells-IdU+Ad-GSM258719.CEL  
 45-Mast-cells-IdU+Ad-GSM258719.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258650.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h-GSM258700.CEL  
 57-BMM-LPS-6h-GSM258700.CEL  
 58-BMM-LPS-7h-GSM258702.CEL  
 59-BMM-LPS-7h-GSM258702.CEL  
 60-PP-7h-GSM258706.CEL  
 61-PP-7h-GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258773.CEL  
 69-T-cells-CD8+GSM258776.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258819.CEL  
 74-BAF3\_GSM258820.CEL  
 75-MZ-Bcell\_GSM258822.CEL  
 76-MZ-Bcell\_GSM258822.CEL  
 77-Follicular-Bcells\_GSM258864.CEL  
 78-Follicular-Bcells\_GSM258864.CEL  
 79-E-L-Y-RMLNDC002001.CEL  
 80-E-L-Y-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LT-cell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258742.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258740.CEL  
 96-Osteoblast-d21\_GSM258740.CEL  
 97-10T12\_GSM258632.CEL  
 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258829.CEL  
 104-C2C12\_GSM258829.CEL  
 105-Bruce4\_GSM258869.CEL  
 106-Bruce4\_GSM258869.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258768.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258679.CEL  
 121-Intestine-large\_GSM258679.CEL  
 122-Intestine-large\_GSM258676.CEL  
 123-Intestine-large\_GSM258676.CEL  
 124-Colon-d4-GSM198810.CEL  
 125-Colon-d4-GSM198810.CEL  
 126-Colon-d9-GSM198810.CEL  
 127-Colon-d9-GSM198810.CEL  
 128-NALT\_GSM289410.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0130\_Uncertain (14 nodes)

443.1  
419.8  
396.4  
373.1  
349.8  
326.5  
303.2  
279.8  
256.5  
233.2  
209.9  
186.6  
163.2  
139.9  
116.6  
93.3  
70  
46.6  
23.3  
0

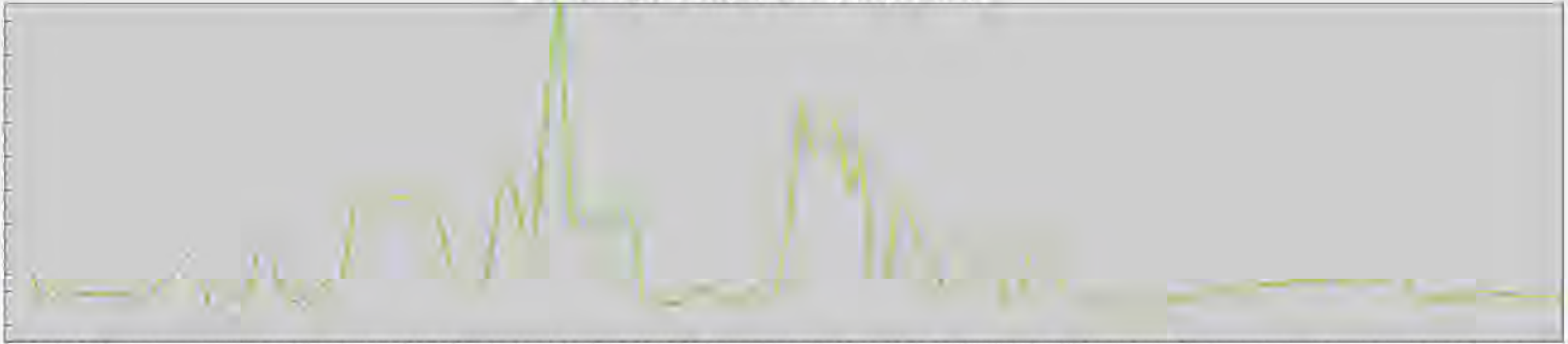


01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-VIII\_GSM480362.CEL  
 17-Colon-VIII\_GSM480363.CEL  
 18-Colon-VIII\_GSM480364.CEL  
 19-Colon-Crypt\_GSM480374.CEL  
 20-Colon-Crypt\_GSM480375.CEL  
 21-Colon-Crypt\_GSM480376.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116360.CEL  
 26-Paneth-cells-GF-1\_GSM116357.CEL  
 27-Paneth-cells-GF-1\_GSM116358.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258628.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258771.CEL  
 32-MEP\_GSM258772.CEL  
 33-MEP\_GSM258773.CEL  
 34-MEP\_GSM258774.CEL  
 35-GMP\_GSM258864.CEL  
 36-GMP\_GSM258865.CEL  
 37-GMP\_GSM258866.CEL  
 38-GMP\_GSM258867.CEL  
 39-Granulocytes\_GSM258668.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258713.CEL  
 42-Mast-cells-IgE\_GSM258714.CEL  
 43-Mast-cells-IgE+Ad\_GSM258718.CEL  
 44-Mast-cells-IgE+Ad\_GSM258717.CEL  
 45-Mast-cells-IgE+Ad\_GSM258719.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258731.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258645.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258648.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258695.CEL  
 56-BMM-LPS-6h\_GSM258699.CEL  
 57-BMM-LPS-6h\_GSM258700.CEL  
 58-BMM-LPS-7h\_GSM258702.CEL  
 59-BMM-LPS-7h\_GSM258701.CEL  
 60-BMM-LPS-7h\_GSM258706.CEL  
 61-BMM-LPS-7h\_GSM258705.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258722.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258744.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258774.CEL  
 69-T-cells-CD8+GSM258775.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258777.CEL  
 73-BAF3\_GSM258819.CEL  
 74-BAF3\_GSM258820.CEL  
 75-MZ-Bcell\_GSM258821.CEL  
 76-MZ-Bcell\_GSM258822.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258665.CEL  
 79-E-L-Y-RMLNDC002001.CEL  
 80-E-L-Y-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481978.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LT-cell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266740.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d21\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258740.CEL  
 97-10T12\_GSM258632.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258730.CEL  
 103-C2C12\_GSM258829.CEL  
 104-C2C12\_GSM258830.CEL  
 105-Bruce4\_GSM258866.CEL  
 106-Bruce4\_GSM258865.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258724.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258726.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241899.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258768.CEL  
 115-Spleen\_GSM258769.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258692.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258678.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258676.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198102.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198104.CEL  
 126-Colon-d9\_GSM198105.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0131\_House keeping-transcription (14 nodes)

857.8  
812.7  
767.5  
722.4  
677.2  
632.1  
586.9  
541.8  
496.6  
451.5  
406.3  
361.2  
316  
270.9  
225.7  
180.6  
135.4  
90.3  
45.1  
0

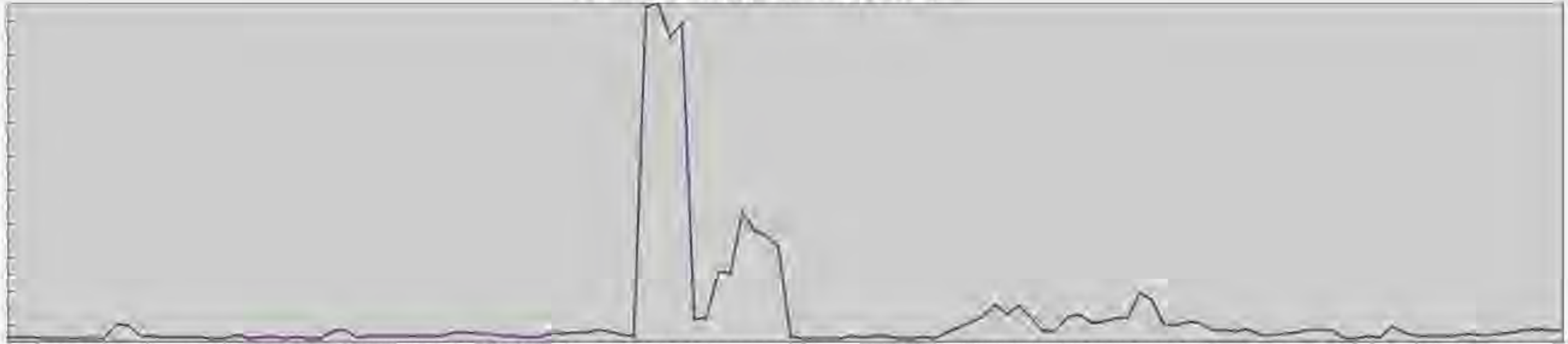


130- NALT GSM289411 CEL  
 129- NALT GSM289410 CEL  
 128- NALT GSM289409 CEL  
 127- NALT GSM289408 CEL  
 126- Colon-d9 GSM1988105 CEL  
 125- Colon-d9 GSM1988104 CEL  
 124- Colon-d9 GSM1988103 CEL  
 123- Colon-d4 GSM1988102 CEL  
 122- Colon-d4 GSM1988101 CEL  
 121- Intestine-large GSM258676 CEL  
 120- Intestine-large GSM258675 CEL  
 119- Intestine-small GSM258678 CEL  
 118- Intestine-small GSM258677 CEL  
 117- Lymph-nodes GSM258691 CEL  
 116- Lymph-nodes GSM258726 CEL  
 115- Spleen GSM258767 CEL  
 114- Spleen GSM258767 CEL  
 113- Neuro2a GSM258727 CEL  
 112- Neuro2a GSM241898 CEL  
 111- Astrocytes GSM241898 CEL  
 110- mimb GSM258726 CEL  
 109- mimb GSM258725 CEL  
 108- MIMCD3 GSM258724 CEL  
 107- MIMCD3 GSM258723 CEL  
 106- Bruce4 GSM258656 CEL  
 105- Bruce4 GSM258656 CEL  
 104- C2C12 GSM258690 CEL  
 103- C2C12 GSM258629 CEL  
 102- NIH3T3 GSM258730 CEL  
 101- NIH3T3 GSM258729 CEL  
 100- 3T3-L1 GSM258610 CEL  
 99- 3T3-L1 GSM258609 CEL  
 98- 10T12 GSM258632 CEL  
 97- 10T12 GSM258631 CEL  
 96- Osteoblast-d21 GSM258740 CEL  
 95- Osteoblast-d21 GSM258739 CEL  
 94- Osteoblast-d14 GSM258738 CEL  
 93- Osteoblast-d14 GSM258737 CEL  
 92- Osteoblast-d5 GSM258742 CEL  
 91- Osteoblast-d5 GSM258741 CEL  
 90- Chondrocytes GSM266741 CEL  
 89- Nat Helper cell GSM465594 CEL  
 88- Nat Helper cell GSM465593 CEL  
 87- T cell GSM465596 CEL  
 86- T cell GSM465596 CEL  
 85- MS-1 GSM234692 CEL  
 84- Lymph-endo-cells GSM143704 CEL  
 83- PP-FDC GSM481977 CEL  
 82- PP-FDC GSM481978 CEL  
 81- PP-FDC GSM481976 CEL  
 80- FLY RMLNDCC003001 CEL  
 79- FLY RMLNDCC003001 CEL  
 78- Follicular-Bcells GSM258664 CEL  
 77- Follicular-Bcells GSM258664 CEL  
 76- MZ-Bcell GSM258627 CEL  
 75- MZ-Bcell GSM258627 CEL  
 74- BAF3 GSM258620 CEL  
 73- BAF3 GSM258619 CEL  
 72- Tregs GSM258778 CEL  
 71- Tregs GSM258777 CEL  
 70- T-cells-CD8+ GSM258776 CEL  
 69- T-cells-CD8+ GSM258774 CEL  
 68- T-cells-CD4+ GSM258773 CEL  
 67- T-cells-CD4+ GSM258743 CEL  
 66- Thymocyte-DN GSM465595 CEL  
 65- Osteoclasts GSM258743 CEL  
 64- Microglia GSM258721 CEL  
 63- Microglia GSM258721 CEL  
 62- MM-PS-7h GSM258706 CEL  
 61- MM-PS-7h GSM258706 CEL  
 60- MM-PS-6h GSM258702 CEL  
 59- MM-PS-6h GSM258702 CEL  
 58- MM-PS-6h GSM258699 CEL  
 57- MM-PS-6h GSM258699 CEL  
 56- MM-PS-6h GSM258694 CEL  
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 53- Plasmacytoid-DC GSM258649 CEL  
 52- CD8a-DC GSM258647 CEL  
 51- CD8a-DC GSM258647 CEL  
 50- CD8a+DC GSM258646 CEL  
 49- CD8a+DC GSM258646 CEL  
 48- NK-cells GSM258732 CEL  
 47- NK-cells GSM258732 CEL  
 46- Mast-cells-IgE+Ad GSM258718 CEL  
 45- Mast-cells-IgE+Ad GSM258717 CEL  
 44- Mast-cells-IgE GSM258714 CEL  
 43- Mast-cells-IgE GSM258713 CEL  
 42- Mast-cells-IgE GSM258712 CEL  
 41- Mast-cells GSM258711 CEL  
 40- Granulocytes GSM258668 CEL  
 39- Granulocytes GSM258667 CEL  
 38- GMP GSM258666 CEL  
 37- GMP GSM258666 CEL  
 36- GMP GSM258665 CEL  
 35- GMP GSM258642 CEL  
 34- MEMP GSM258641 CEL  
 33- MEMP GSM258720 CEL  
 32- MEMP GSM258719 CEL  
 31- HSC GSM258770 CEL  
 30- HSC GSM258769 CEL  
 29- Bone marrow GSM258628 CEL  
 28- Bone marrow GSM258627 CEL  
 27- Paneth-cells-GF-1 GSM116357 CEL  
 26- Paneth-cells-GF-1 GSM116350 CEL  
 25- Paneth-cells GSM116359 CEL  
 24- Paneth-cells GSM318589 CEL  
 23- Paneth-cells GSM318590 CEL  
 22- Paneth-cells GSM480375 cel  
 21- Colon-Crypt GSM480374 cel  
 20- Colon-Crypt GSM480363 cel  
 19- Colon-Vill GSM480363 cel  
 18- Colon-Vill GSM480362 cel  
 17- Colon-IEC-GF GSM349880 CEL  
 16- Colon-IEC-GF GSM350375 CEL  
 15- Ileum-IEC-GF GSM350376 CEL  
 14- Ileum-IEC GSM350371 CEL  
 13- Small-intestine-epithelium RMINEP002001 CEL  
 12- Small-intestine-epithelium RMINEP001001 CEL  
 11- FAE RMPYEP002001 CEL  
 10- FAE RMPYEP001001 CEL  
 09- Ileum-IEC GSM190797 CEL  
 08- Ileum-IEC GSM190796 CEL  
 07- Ileum-IEC GSM190795 CEL  
 06- CT-v-M-cells GSM190794 CEL  
 05- CT-v-M-cells GSM190793 CEL  
 04- CT-v-M-cells GSM190792 CEL  
 03- PP-M-cells GSM190791 CEL  
 02- PP-M-cells GSM190790 CEL  
 01- PP-M-cells GSM190789 CEL



Cluster0132\_Phagocyte-related (14 nodes)

3,853.8  
3,651  
3,448.2  
3,245.3  
3,042.6  
2,839.7  
2,636.8  
2,434  
2,231.2  
2,028.3  
1,825.5  
1,622.7  
1,419.8  
1,217  
1,014.2  
811.3  
608.5  
405.7  
202.8  
0



130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-Color-d9 GSM1988105 CEL  
125-Color-d9 GSM1988104 CEL  
124-Color-d9 GSM1988103 CEL  
123-Color-d4 GSM1988102 CEL  
122-Color-d4 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258674 CEL  
118-Intestine-small GSM258673 CEL  
117-Lymph-nodes GSM258672 CEL  
116-Lymph-nodes GSM258671 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258766 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258656 CEL  
105-Bruce4 GSM258655 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258689 CEL  
102-NH3T3 GSM258739 CEL  
101-NH3T3 GSM258738 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-LT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-P-FDC GSM481977 CEL  
82-P-FDC GSM481978 CEL  
81-P-FDC GSM481976 CEL  
80-L-Y RMLNDCC003001 CEL  
79-L-Y RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258622 CEL  
75-MZ-Bcell GSM258621 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258772 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258744 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-MM-LPS-7h GSM258706 CEL  
60-MM-LPS-7h GSM258706 CEL  
59-MM-LPS-6h GSM258702 CEL  
58-MM-LPS-6h GSM258701 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258699 CEL  
55-MM-LPS-6h GSM258699 CEL  
54-MM-LPS-6h GSM258699 CEL  
53-Plasmacytoid-DC GSM258650 CEL  
52-Plasmacytoid-DC GSM258649 CEL  
51-CD8a-DC GSM258647 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258731 CEL  
45-Mast-cells-IgE+Ad GSM258719 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258667 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258666 CEL  
36-GMP GSM258665 CEL  
35-GMP GSM258664 CEL  
34-MPEP GSM2588720 CEL  
33-MPEP GSM2588719 CEL  
32-MPEP GSM2588719 CEL  
31-HESC GSM258770 CEL  
30-HESC GSM258769 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-Color-Crypt GSM480375 cel  
20-Color-Crypt GSM480374 cel  
19-Color-Vill GSM480363 cel  
18-Color-Vill GSM480362 cel  
17-Color-IEC-GE GSM349880 CEL  
16-Color-IEC-GE GSM350375 CEL  
15-Ileum-IEC GSM350376 CEL  
14-Ileum-IEC GSM350371 CEL  
13-Small-intestine-epithelium RMINEP002001 CEL  
12-Small-intestine-epithelium RMINEP001001 CEL  
11-FAE RMPYEP002001 CEL  
10-FAE RMPYEP001001 CEL  
09-Ileum-IEC GSM190797 CEL  
08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-v-M-cells GSM190794 CEL  
05-CT-v-M-cells GSM190793 CEL  
04-PP-M-cells GSM190792 CEL  
03-PP-M-cells GSM190791 CEL  
02-PP-M-cells GSM190790 CEL  
01-PP-M-cells GSM190789 CEL



Cluster0133\_House keeping-transcription (14 nodes)

1,619.3  
1,534  
1,448.8  
1,363.6  
1,278.4  
1,193.1  
1,107.9  
1,022.7  
937.5  
852.2  
767  
681.8  
596.6  
511.3  
426.1  
340.9  
255.7  
170.4  
85.2  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988103.CEL  
124-Column-d9 GSM1988102.CEL  
123-Column-d4 GSM1988101.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endg-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLND002001.CEL  
79-LY-RMLND002001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-7h GSM258705.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258702.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258699.CEL  
54-MM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GF GSM116358.CEL  
26-paneth-cells-GF GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Column-crypt GSM480375.CEL  
20-Column-crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



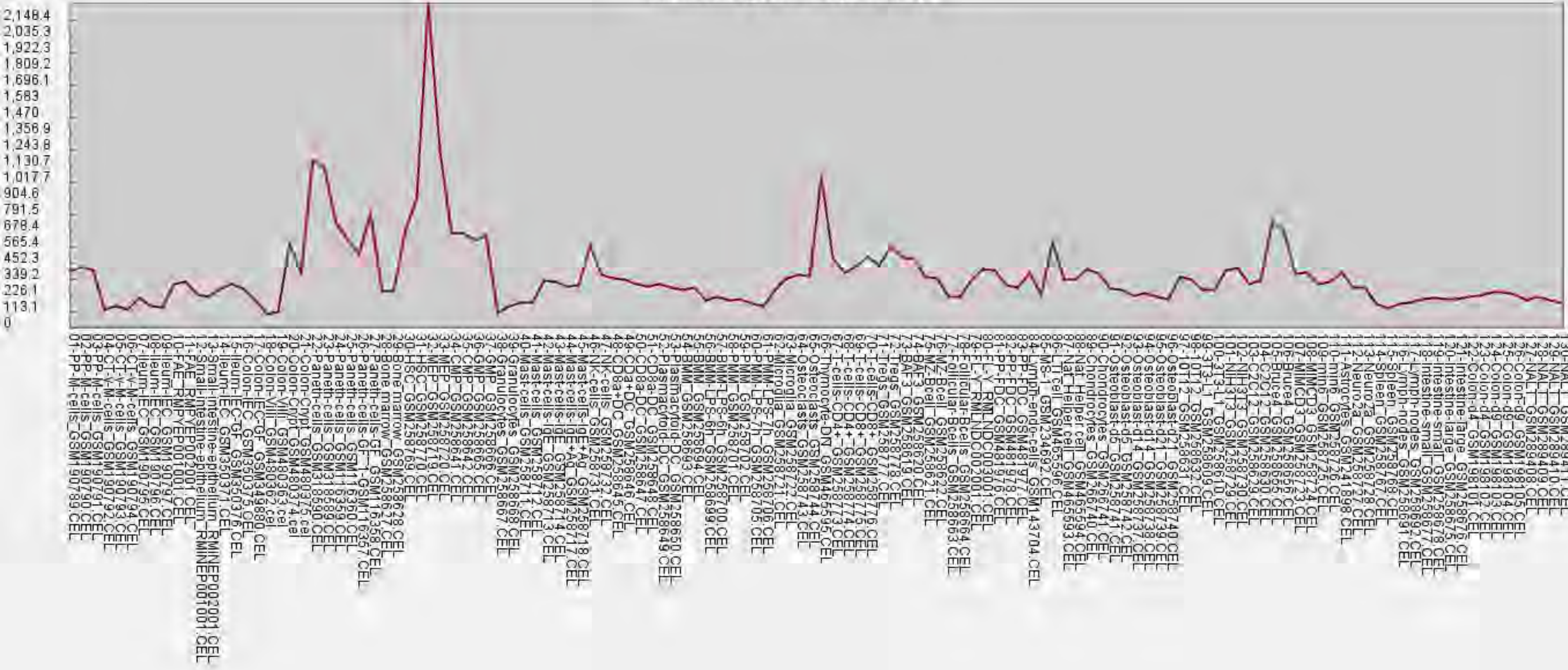
## Cluster0134\_intestine-related (14 nodes)



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMPYEP001001	CEL	
11	FAE-RMPYEP002001	CEL	
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-Vill	GSM480362	cel
17	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318590	CEL
23	Paneth-cells	GSM318591	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116357	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	HS	GSM258770	CEL
31	HS	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	MEP	GSM258775	CEL
36	GMP	GSM258665	CEL
37	GMP	GSM258666	CEL
38	GMP	GSM258667	CEL
39	Granulocytes	GSM258668	CEL
40	Mast-cells	GSM258771	CEL
41	Mast-cells	GSM258772	CEL
42	Mast-cells	GSM258773	CEL
43	Mast-cells	GSM258774	CEL
44	Mast-cells	GSM258775	CEL
45	Mast-cells	GSM258776	CEL
46	NK-cells	GSM258777	CEL
47	NK-cells	GSM258778	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a-DC	GSM258647	CEL
51	CD8a-DC	GSM258648	CEL
52	CD8a-DC	GSM258649	CEL
53	Ismacryoid-DC	GSM258650	CEL
54	MM	GSM258694	CEL
55	MM	GSM258694	CEL
56	MM	GSM258701	CEL
57	MM	GSM258702	CEL
58	MM	GSM258703	CEL
59	MM	GSM258704	CEL
60	MM	GSM258705	CEL
61	MM	GSM258706	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258722	CEL
64	Osteoclasts	GSM258743	CEL
65	Osteoclasts	GSM258744	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258774	CEL
69	T-cells-CD8+	GSM258775	CEL
70	T-cells-CD8+	GSM258776	CEL
71	Tregs	GSM258778	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258619	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258621	CEL
76	MZ-Bcell	GSM258622	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258664	CEL
79	F-LY-RMLNDC002001	CEL	
80	F-LY-RMLNDC003001	CEL	
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481978	CEL
83	PP-FDC	GSM481977	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	Nat Helper cell	GSM465593	CEL
87	Nat Helper cell	GSM465594	CEL
88	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
90	Osteoblast-d5	GSM258741	CEL
91	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d4	GSM258737	CEL
93	Osteoblast-d4	GSM258737	CEL
94	Osteoblast-d14	GSM258738	CEL
95	Osteoblast-d21	GSM258739	CEL
96	Osteoblast-d21	GSM258739	CEL
97	OT12	GSM258631	CEL
98	OT12	GSM258632	CEL
99	3T3-L1	GSM258609	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258630	CEL
105	Bruce4	GSM258656	CEL
106	Bruce4	GSM258656	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258724	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258726	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258727	CEL
113	Spleen	GSM258767	CEL
114	Spleen	GSM258767	CEL
115	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258691	CEL
117	Intestine-small	GSM258677	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-large	GSM258678	CEL
120	Intestine-large	GSM258678	CEL
121	Intestine-large	GSM258676	CEL
122	Intestine-large	GSM258675	CEL
123	Colon-d4	GSM198810	CEL
124	Colon-d4	GSM198810	CEL
125	Colon-d9	GSM198810	CEL
126	Colon-d9	GSM198810	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL



Cluster0135\_Uncertain (14 nodes)

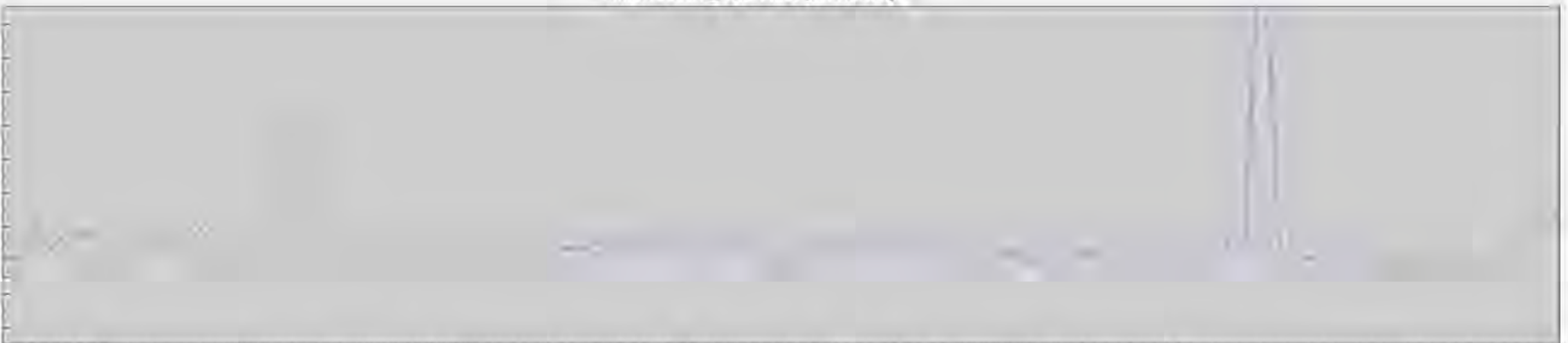








## Cluster0137\_Uncertain (14 nodes)



104.7			
99.2			
93.7			
88.2			
82.7			
77.2			
71.6			
66.1			
60.6			
55.1			
49.6			
44.1			
38.6			
33.1			
27.6			
22			
16.5			
11			
5.5			
0			
130	NALT	GSM289411	CELL
129	NALT	GSM289410	CELL
128	NALT	GSM289409	CELL
127	NALT	GSM289408	CELL
126	Colon-d9	GSM1988104	CELL
125	Colon-d9	GSM1988103	CELL
124	Colon-d9	GSM1988102	CELL
123	Colon-d4	GSM1988101	CELL
122	Colon-d4	GSM1988100	CELL
121	Intestine-large	GSM258676	CELL
120	Intestine-large	GSM258675	CELL
119	Intestine-small	GSM258678	CELL
118	Intestine-small	GSM258677	CELL
117	Lymph-nodes	GSM258691	CELL
116	Lymph-nodes	GSM258690	CELL
115	Spleen	GSM258707	CELL
114	Spleen	GSM258708	CELL
113	Neuro2a	GSM258727	CELL
112	Neuro2a	GSM258728	CELL
111	Astrocytes	GSM241899	CELL
110	mim6	GSM258726	CELL
109	mim6	GSM258725	CELL
108	MIMCD3	GSM258724	CELL
107	MIMCD3	GSM258723	CELL
106	Bruce4	GSM258656	CELL
105	Bruce4	GSM258655	CELL
104	C2C12	GSM258690	CELL
103	C2C12	GSM258689	CELL
102	NH3T3	GSM258730	CELL
101	NH3T3	GSM258729	CELL
100	3T3-L1	GSM258610	CELL
99	3T3-L1	GSM258609	CELL
98	10T12	GSM258632	CELL
97	10T12	GSM258631	CELL
96	Osteoblast-d21	GSM258740	CELL
95	Osteoblast-d21	GSM258739	CELL
94	Osteoblast-d14	GSM258738	CELL
93	Osteoblast-d14	GSM258737	CELL
92	Osteoblast-d5	GSM258742	CELL
91	Osteoblast-d5	GSM258741	CELL
90	Chondrocytes	GSM266741	CELL
89	Chondrocytes	GSM266740	CELL
88	Nat Helper cell	GSM465594	CELL
87	Nat Helper cell	GSM465593	CELL
86	Tt cell	GSM465596	CELL
85	MS-1	GSM234692	CELL
84	Lymph-endo-cells	GSM143704	CELL
83	PP-FDC	GSM481977	CELL
82	PP-FDC	GSM481978	CELL
81	PP-FDC	GSM481976	CELL
80	E-LY	RMLNDC003001	CELL
79	E-LY	RMLNDC003001	CELL
78	Follicular-Bcells	GSM258664	CELL
77	Follicular-Bcells	GSM258663	CELL
76	MZ-Bcell	GSM258622	CELL
75	MZ-Bcell	GSM258621	CELL
74	BAF3	GSM258620	CELL
73	BAF3	GSM258619	CELL
72	Tregs	GSM258778	CELL
71	T-cells-CD8+	GSM258777	CELL
70	T-cells-CD8+	GSM258776	CELL
69	T-cells-CD4+	GSM258774	CELL
68	T-cells-CD4+	GSM258773	CELL
67	T-cells-CD4+	GSM258744	CELL
66	Thymocyte-DN	GSM465595	CELL
65	Osteoclasts	GSM258743	CELL
64	Microglia	GSM258721	CELL
63	Microglia	GSM258721	CELL
62	MM-LPS-7h	GSM258706	CELL
61	MM-LPS-7h	GSM258706	CELL
60	MM-LPS-6h	GSM258702	CELL
59	MM-LPS-6h	GSM258702	CELL
58	MM-LPS-6h	GSM258699	CELL
57	MM-LPS-6h	GSM258699	CELL
56	MM-LPS-6h	GSM258694	CELL
55	MM-LPS-6h	GSM258694	CELL
54	MM-LPS-6h	GSM258694	CELL
53	MM-LPS-6h	GSM258694	CELL
52	MM-LPS-6h	GSM258694	CELL
51	MM-LPS-6h	GSM258694	CELL
50	CD8a-DC	GSM258647	CELL
49	CD8a-DC	GSM258647	CELL
48	CD8a+DC	GSM258646	CELL
47	NK-cells	GSM258732	CELL
46	NK-cells	GSM258731	CELL
45	Mast-cells-IgE+Ad	GSM258719	CELL
44	Mast-cells-IgE+Ad	GSM258717	CELL
43	Mast-cells-IgE	GSM258714	CELL
42	Mast-cells-IgE	GSM258713	CELL
41	Mast-cells	GSM258712	CELL
40	Granulocytes	GSM258668	CELL
39	Granulocytes	GSM258667	CELL
38	GMP	GSM258666	CELL
37	GMP	GSM258665	CELL
36	GMP	GSM258665	CELL
35	GMP	GSM258642	CELL
34	GMP	GSM258642	CELL
33	MIEP	GSM258720	CELL
32	MIEP	GSM258719	CELL
31	HESC	GSM258770	CELL
30	HESC	GSM258770	CELL
29	Bone marrow	GSM258628	CELL
28	Bone marrow	GSM258627	CELL
27	paneth-cells-GF	GSM116358	CELL
26	paneth-cells-GF	GSM116357	CELL
25	paneth-cells	GSM116350	CELL
24	paneth-cells	GSM116359	CELL
23	paneth-cells	GSM318589	CELL
22	paneth-cells	GSM318590	CELL
21	Colon-Crypt	GSM480375	cel
20	Colon-Crypt	GSM480374	cel
19	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480362	cel
17	Colon-IEC-GF	GSM349880	CEL
16	Colon-IEC-GF	GSM350375	CEL
15	Ileum-IEC	GSM350376	CEL
14	Ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002901	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE-RMP	EP002001	CEL
10	FAE-RMP	EP001001	CEL
09	Ileum-IEC	GSM190797	CELL
08	Ileum-IEC	GSM190796	CELL
07	Ileum-IEC	GSM190795	CELL
06	CT-w-M-cells	GSM190794	CELL
05	CT-w-M-cells	GSM190793	CELL
04	CT-y-M-cells	GSM190792	CELL
03	PP-M-cells	GSM190791	CELL
02	PP-M-cells	GSM190790	CELL
01	PP-M-cells	GSM190789	CELL



Cluster0138\_Phagocyte-related (14 nodes)

9,343  
8,851.2  
8,359.5  
7,867.7  
7,376  
6,884.3  
6,392.5  
5,900.8  
5,409.1  
4,917.3  
4,425.6  
3,933.9  
3,442.1  
2,950.4  
2,458.7  
1,966.9  
1,475.2  
983.5  
491.7  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-CD9 GSM1988105 CELL  
125-CD9 GSM1988104 CELL  
124-CD9 GSM1988103 CELL  
123-CD9 GSM1988102 CELL  
122-CD9 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258678 CELL  
118-Intestine-small GSM258679 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Lymph-nodes GSM258726 CELL  
115-Spleen GSM258766 CELL  
114-Spleen GSM258767 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-mim6 GSM258725 CELL  
109-mim6 GSM258724 CELL  
108-MIMCD3 GSM258723 CELL  
107-MIMCD3 GSM258722 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-LT cell GSM465596 CELL  
85-M8-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Plasmacytoid-DC GSM258650 CELL  
52-Plasmacytoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258664 CELL  
35-CMP GSM258642 CELL  
34-MEP GSM258641 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HSC GSM258770 CELL  
30-HSC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-CD9 GSM480375 CELL  
20-CD9 GSM480374 CELL  
19-CD9 GSM480363 CELL  
18-CD9 GSM480362 CELL  
17-CD9 GSM349880 CELL  
16-CD9 GSM350375 CELL  
15-Intestine-epithelium RMINEP002001 CELL  
14-Intestine-epithelium RMINEP001001 CELL  
13-Small intestine-epithelium RMINEP002001 CELL  
12-Small intestine-epithelium RMINEP001001 CELL  
11-FAE RMPYEP002001 CELL  
10-FAE RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-CT-v-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0139\_High in MEP (13 nodes)

557.5  
528.2  
498.8  
469.5  
440.1  
410.8  
381.4  
352.1  
322.8  
293.4  
264.1  
234.7  
205.4  
176.1  
146.7  
117.4  
88  
58.7  
29.3  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258679.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mimb GSM258726.CEL  
109-mimb GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Nat Helper cell GSM465594.CEL  
88-Nat Helper cell GSM465593.CEL  
87-LT cell GSM465596.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258664.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258744.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM268706.CEL  
60-PM-M-PS-7h GSM268706.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258702.CEL  
57-BMM-LPS-6h GSM268699.CEL  
56-BMM-LPS-6h GSM268699.CEL  
55-BMM-LPS-6h GSM268699.CEL  
54-BMM-LPS-6h GSM268699.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258719.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318589.CEL  
21-paneth-cells GSM318589.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190790.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0140\_intestine-related (13 nodes)

2,392  
2,268.1  
2,140.2  
2,014.4  
1,888.5  
1,762.6  
1,636.7  
1,510.8  
1,384.9  
1,259  
1,133.1  
1,007.2  
881.3  
755.4  
629.5  
503.6  
377.7  
251.8  
125.9  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116350.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM116358.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258771.CEL  
 32-MEP\_GSM258772.CEL  
 33-MEP\_GSM258773.CEL  
 34-MEP\_GSM258774.CEL  
 35-MEP\_GSM258775.CEL  
 36-GMP\_GSM258665.CEL  
 37-GMP\_GSM258666.CEL  
 38-GMP\_GSM258667.CEL  
 39-Granulocytes\_GSM258668.CEL  
 40-Mast-cells\_GSM258771.CEL  
 41-Mast-cells\_GSM258772.CEL  
 42-Mast-cells-Gf\_GSM258773.CEL  
 43-Mast-cells-Gf+Ad\_GSM258774.CEL  
 44-Mast-cells-Gf+Ad\_GSM258775.CEL  
 45-Mast-cells-Gf+Ad\_GSM258776.CEL  
 46-NK-cells\_GSM258777.CEL  
 47-NK-cells\_GSM258778.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258647.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258699.CEL  
 57-BMM-LPS-6h\_GSM258699.CEL  
 58-PP-7h\_GSM268700.CEL  
 59-PP-7h\_GSM268700.CEL  
 60-PP-7h\_GSM268705.CEL  
 61-PP-7h\_GSM268705.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258774.CEL  
 70-T-cells-CD8+\_GSM258774.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258620.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258621.CEL  
 76-MZ-Bcell\_GSM258621.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-F-LY-RMLNDC002001.CEL  
 80-F-LY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481978.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258690.CEL  
 106-Bruce4\_GSM258690.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258726.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258768.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258675.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198101.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198103.CEL  
 126-Colon-d9\_GSM198104.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0141\_High in min6 cells and NALT (13 nodes)

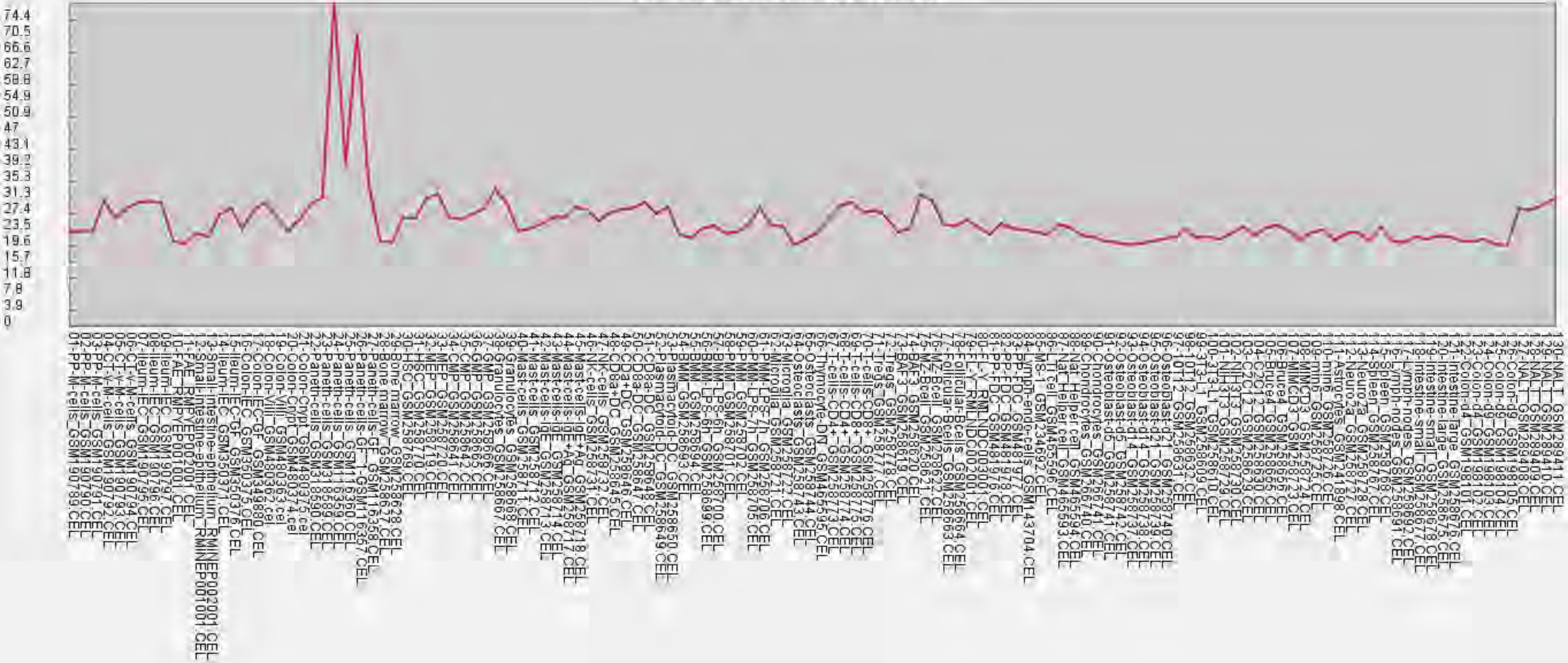
498.8  
472.0  
446.3  
420.1  
393.8  
367.0  
341.3  
315  
288.8  
262.5  
236.3  
210  
183.8  
157.5  
131.3  
106  
78.8  
52.5  
26.3  
0



30	NALT	GSM289411	CEL
31	NALT	GSM289410	CEL
32	NALT	GSM289409	CEL
33	NALT	GSM289408	CEL
34	Colon-d9	GSM1988104	CEL
35	Colon-d9	GSM1988103	CEL
36	Colon-d4	GSM1988102	CEL
37	Colon-d4	GSM1988101	CEL
38	Colon-d4	GSM1988100	CEL
39	Colon-d4	GSM1988099	CEL
40	Intestine-large	GSM258676	CEL
41	Intestine-large	GSM258675	CEL
42	Intestine-small	GSM258678	CEL
43	Intestine-small	GSM258677	CEL
44	Lymph-nodes	GSM258691	CEL
45	Spleen	GSM258707	CEL
46	Spleen	GSM258706	CEL
47	Neuro2a	GSM258728	CEL
48	Neuro2a	GSM258727	CEL
49	Astrocytes	GSM241898	CEL
50	min6	GSM258726	CEL
51	min6	GSM258725	CEL
52	MIMCD3	GSM258724	CEL
53	MIMCD3	GSM258723	CEL
54	Bruc4	GSM258690	CEL
55	Bruc4	GSM258689	CEL
56	Bruc4	GSM258688	CEL
57	Bruc4	GSM258687	CEL
58	Bruc4	GSM258686	CEL
59	Bruc4	GSM258685	CEL
60	Bruc4	GSM258684	CEL
61	Bruc4	GSM258683	CEL
62	Bruc4	GSM258682	CEL
63	Bruc4	GSM258681	CEL
64	Bruc4	GSM258680	CEL
65	Bruc4	GSM258679	CEL
66	Bruc4	GSM258678	CEL
67	Bruc4	GSM258677	CEL
68	Bruc4	GSM258676	CEL
69	Bruc4	GSM258675	CEL
70	Bruc4	GSM258674	CEL
71	Bruc4	GSM258673	CEL
72	Bruc4	GSM258672	CEL
73	Bruc4	GSM258671	CEL
74	Bruc4	GSM258670	CEL
75	Bruc4	GSM258669	CEL
76	Bruc4	GSM258668	CEL
77	Bruc4	GSM258667	CEL
78	Bruc4	GSM258666	CEL
79	Bruc4	GSM258665	CEL
80	Bruc4	GSM258664	CEL
81	Bruc4	GSM258663	CEL
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84	Bruc4	GSM258660	CEL
85	Bruc4	GSM258659	CEL
86	Bruc4	GSM258658	CEL
87	Bruc4	GSM258657	CEL
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93	Bruc4	GSM258651	CEL
94	Bruc4	GSM258650	CEL
95	Bruc4	GSM258649	CEL
96	Bruc4	GSM258648	CEL
97	Bruc4	GSM258647	CEL
98	Bruc4	GSM258646	CEL
99	Bruc4	GSM258645	CEL
100	Bruc4	GSM258644	CEL
101	Bruc4	GSM258643	CEL
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103	Bruc4	GSM258641	CEL
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126	Bruc4	GSM258618	CEL
127	Bruc4	GSM258617	CEL
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130	Bruc4	GSM258614	CEL
131	Bruc4	GSM258613	CEL
132	Bruc4	GSM258612	CEL
133	Bruc4	GSM258611	CEL
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135	Bruc4	GSM258609	CEL
136	Bruc4	GSM258608	CEL
137	Bruc4	GSM258607	CEL
138	Bruc4	GSM258606	CEL
139	Bruc4	GSM258605	CEL
140	Bruc4	GSM258604	CEL
141	Bruc4	GSM258603	CEL
142	Bruc4	GSM258602	CEL
143	Bruc4	GSM258601	CEL
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147	Bruc4	GSM258597	CEL
148	Bruc4	GSM258596	CEL
149	Bruc4	GSM258595	CEL
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176	Bruc4	GSM258568	CEL
177	Bruc4	GSM258567	CEL
178	Bruc4	GSM258566	CEL
179	Bruc4	GSM258565	CEL
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181	Bruc4	GSM258563	CEL
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183	Bruc4	GSM258561	CEL
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264	Bruc4	GSM258480	CEL
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266	Bruc4	GSM258478	CEL
267	Bruc4	GSM258477	CEL
268	Bruc4	GSM258476	CEL
269	Bruc4	GSM258475	CEL
270	Bruc4	GSM258474	CEL
271	Bruc4	GSM258473	CEL
272	Bruc4	GSM258472	CEL
273	Bruc4	GSM258471	CEL
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275	Bruc4	GSM258469	CEL
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281	Bruc4	GSM258463	CEL
282	Bruc4	GSM258462	CEL
283	Bruc4	GSM258461	CEL
284	Bruc4	GSM258460	CEL
285	Bruc4	GSM258459	CEL
286	Bruc4	GSM258458	CEL
287	Bruc4	GSM258457	CEL
288	Bruc4	GSM258456	CEL
289	Bruc4	GSM258455	CEL
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291	Bruc4	GSM258453	CEL
292	Bruc4	GSM258452	CEL
293	Bruc4	GSM258451	CEL
294	Bruc4	GSM258450	CEL
295	Bruc4	GSM258449	CEL
296	Bruc4	GSM258448	CEL
297	Bruc4	GSM258447	CEL
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299	Bruc4	GSM258445	CEL
300	Bruc4	GSM258444	CEL
301	Bruc4	GSM258443	CEL
302	Bruc4	GSM258442	CEL
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328	Bruc4	GSM258416	CEL
329	Bruc4	GSM258415	CEL
330	Bruc4	GSM258414	CEL
331	Bruc4	GSM258413	CEL
332	Bruc4	GSM258412	CEL
333	Bruc4	GSM258411	CEL
334	Bruc4	GSM258410	CEL
335	Bruc4	GSM258409	CEL
336	Bruc4	GSM258408	CEL
337	Bruc4	GSM258407	CEL
338	Bruc4	GSM258406	CEL
339	Bruc4	GSM258405	CEL
340	Bruc4	GSM258404	CEL
341	Bruc4		



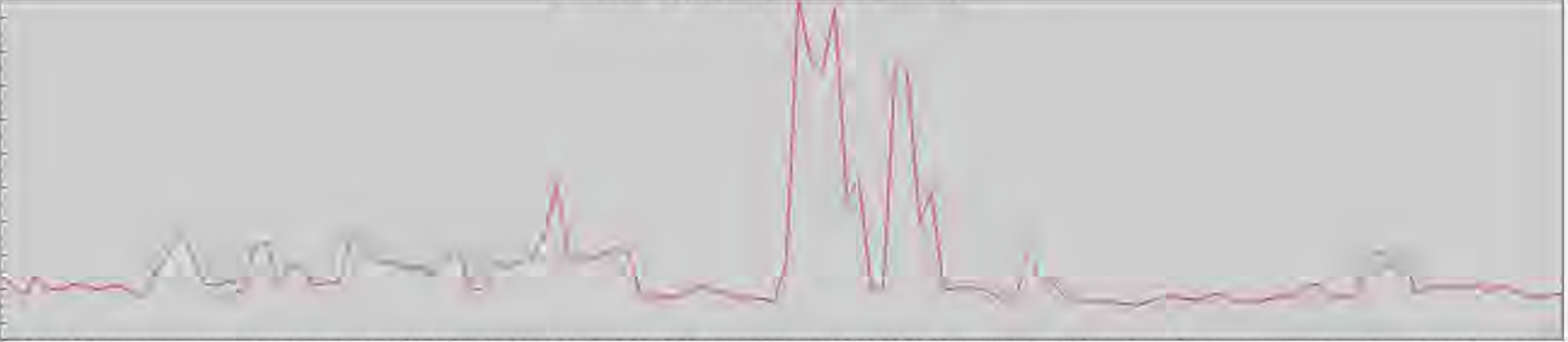
Cluster0142\_Low in many (13 nodes)





Cluster0143\_High in T cells and B cells (13 nodes)

211.8  
200.6  
189.5  
178.4  
167.2  
156.1  
144.9  
133.8  
122.6  
111.5  
100.3  
89.2  
78  
66.9  
55.7  
44.6  
33.4  
22.3  
11.1  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258744.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM268706.CEL  
61-MM-LPS-7h GSM268705.CEL  
60-MM-LPS-6h GSM258702.CEL  
59-MM-LPS-6h GSM258701.CEL  
58-MM-LPS-6h GSM258699.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258694.CEL  
55-Plasmacytoid-DC GSM258650.CEL  
54-Plasmacytoid-DC GSM258649.CEL  
53-CD8a-DC GSM258647.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a+DC GSM258646.CEL  
50-CD8a+DC GSM258646.CEL  
49-NK-cells GSM258732.CEL  
48-NK-cells GSM258731.CEL  
47-NK-cells GSM258731.CEL  
46-Mast-cells-IgE+Ad GSM258718.CEL  
45-Mast-cells-IgE+Ad GSM258717.CEL  
44-Mast-cells-IgE GSM258714.CEL  
43-Mast-cells-IgE GSM258713.CEL  
42-Mast-cells GSM258712.CEL  
41-Mast-cells GSM258711.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258854.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116357.CEL  
26-paneth-cells-GE GSM116350.CEL  
25-paneth-cells GSM116359.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM480375.CEL  
20-paneth-cells GSM480374.CEL  
19-paneth-cells GSM480363.CEL  
18-paneth-cells GSM480362.CEL  
17-paneth-cells GSM349880.CEL  
16-paneth-cells GSM350375.CEL  
15-paneth-cells GSM350376.CEL  
14-paneth-cells GSM350371.CEL  
13-paneth-cells GSM350371.CEL  
13-paneth-cells GSM350371.CEL  
12-paneth-cells GSM350371.CEL  
12-paneth-cells GSM350371.CEL  
11-paneth-cells GSM350371.CEL  
11-paneth-cells GSM350371.CEL  
10-paneth-cells GSM350371.CEL  
10-paneth-cells GSM350371.CEL  
9-paneth-cells GSM350371.CEL  
9-paneth-cells GSM350371.CEL  
8-paneth-cells GSM350371.CEL  
8-paneth-cells GSM350371.CEL  
7-paneth-cells GSM350371.CEL  
7-paneth-cells GSM350371.CEL  
6-paneth-cells GSM350371.CEL  
6-paneth-cells GSM350371.CEL  
5-paneth-cells GSM350371.CEL  
5-paneth-cells GSM350371.CEL  
4-paneth-cells GSM350371.CEL  
4-paneth-cells GSM350371.CEL  
3-paneth-cells GSM350371.CEL  
3-paneth-cells GSM350371.CEL  
2-paneth-cells GSM350371.CEL  
2-paneth-cells GSM350371.CEL  
1-paneth-cells GSM350371.CEL  
1-paneth-cells GSM350371.CEL



Cluster0144\_MHC calss II (13 nodes)

9,365.4  
8,872.5  
8,379.6  
7,886.6  
7,393.7  
6,900.8  
6,407.9  
5,915  
5,422.1  
4,929.1  
4,436.2  
3,943.3  
3,450.4  
2,957.5  
2,464.6  
1,971.7  
1,478.7  
985.8  
492.9  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDC003001.CEL  
79-F-LY RMLNDC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-PS-7h GSM258706.CEL  
61-MM-PS-7h GSM258705.CEL  
60-MM-PS-6h GSM258702.CEL  
59-MM-PS-6h GSM258701.CEL  
58-MM-LPS-6h GSM258699.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258699.CEL  
54-MM-LPS-6h GSM258699.CEL  
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52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
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32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF-1 GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116350.CEL  
25-Paneth-cells GSM116359.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0145\_intestine-related (13 nodes)

567.7  
537.8  
507.9  
478  
448.2  
418.3  
388.4  
358.5  
328.6  
298.8  
268.9  
239  
209.1  
179.3  
149.4  
119.5  
89.6  
59.8  
29.9  
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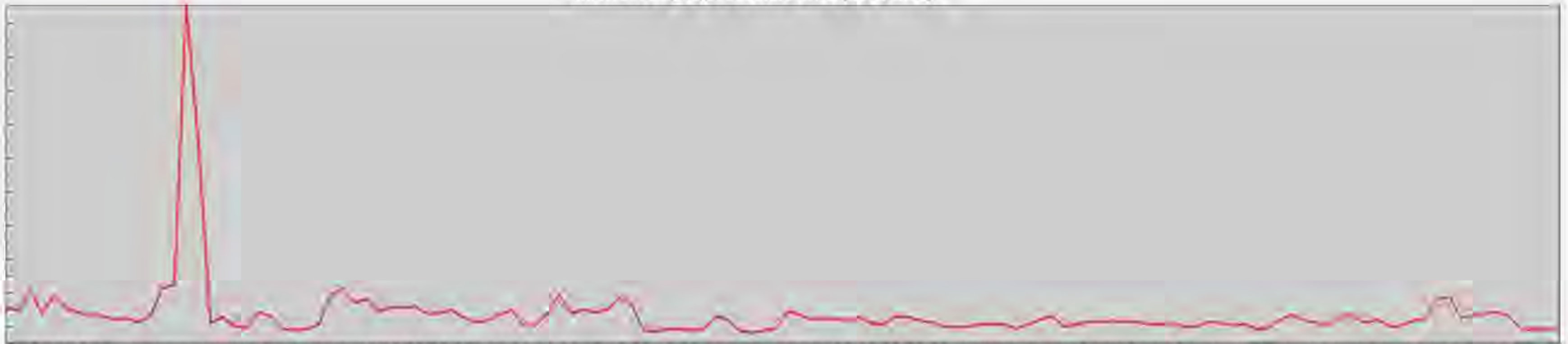


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128	NALT	GSM2899409	CELL
127	NALT	GSM2899408	CELL
126	Colon-d9	GSM1988104	CELL
125	Colon-d9	GSM1988103	CELL
124	Colon-d9	GSM1988102	CELL
123	Colon-d4	GSM1988101	CELL
122	Colon-d4	GSM1988100	CELL
121	Intestine-large	GSM258676	CELL
120	Intestine-large	GSM258675	CELL
119	Intestine-small	GSM258674	CELL
118	Intestine-small	GSM258673	CELL
117	Lymph-nodes	GSM258672	CELL
116	Spleen	GSM258671	CELL
115	Spleen	GSM258670	CELL
114	Neuro2a	GSM258669	CELL
113	Neuro2a	GSM258668	CELL
112	Astrocytes	GSM2418998	CELL
111	ming	GSM258667	CELL
110	ming	GSM258666	CELL
109	ming	GSM258665	CELL
108	MIMCD3	GSM258664	CELL
107	MIMCD3	GSM258663	CELL
106	Bruce4	GSM258662	CELL
105	Bruce4	GSM258661	CELL
104	C2C12	GSM258660	CELL
103	C2C12	GSM258659	CELL
102	NH3T3	GSM258658	CELL
101	NH3T3	GSM258657	CELL
100	3T3-L1	GSM258656	CELL
99	3T3-L1	GSM258655	CELL
98	10T12	GSM258654	CELL
97	10T12	GSM258653	CELL
96	Osteoblast-d21	GSM258652	CELL
95	Osteoblast-d14	GSM258651	CELL
94	Osteoblast-d14	GSM258650	CELL
93	Osteoblast-d5	GSM258649	CELL
92	Osteoblast-d5	GSM258648	CELL
91	Chondrocytes	GSM258647	CELL
90	Chondrocytes	GSM258646	CELL
89	Nat Helper cell	GSM465594	CELL
88	Nat Helper cell	GSM465593	CELL
87	T cell	GSM465592	CELL
86	MS-1	GSM234692	CELL
85	Lymph-endc-cells	GSM143704	CELL
84	PP-FDC	GSM481977	CELL
83	PP-FDC	GSM481978	CELL
82	PP-FDC	GSM481979	CELL
81	PP-FDC	GSM481976	CELL
80	E-L	RMLNDC003001	CELL
79	E-L	RMLNDC003001	CELL
78	Follicular-Bcells	GSM258664	CELL
77	Follicular-Bcells	GSM258663	CELL
76	MZ-Bcell	GSM258662	CELL
75	MZ-Bcell	GSM258661	CELL
74	BAF3	GSM258660	CELL
73	BAF3	GSM258659	CELL
72	Tregs	GSM258658	CELL
71	T-cells-CD8+	GSM258657	CELL
70	T-cells-CD8+	GSM258656	CELL
69	T-cells-CD4+	GSM258655	CELL
68	T-cells-CD4+	GSM258654	CELL
67	T-cells-CD4+	GSM258653	CELL
66	Thymocyte-DN	GSM465595	CELL
65	Osteoclasts	GSM258652	CELL
64	Microglia	GSM258651	CELL
63	Microglia	GSM258650	CELL
62	MM-LPS-7h	GSM258649	CELL
61	MM-LPS-7h	GSM258648	CELL
60	MM-LPS-6h	GSM258647	CELL
59	MM-LPS-6h	GSM258646	CELL
58	MM-LPS-6h	GSM258645	CELL
57	MM-LPS-6h	GSM258644	CELL
56	MM-LPS-6h	GSM258643	CELL
55	MM-LPS-6h	GSM258642	CELL
54	MM-LPS-6h	GSM258641	CELL
53	MM-LPS-6h	GSM258640	CELL
52	MM-LPS-6h	GSM258639	CELL
51	MM-LPS-6h	GSM258638	CELL
50	CD8a-DC	GSM258647	CELL
49	CD8a-DC	GSM258646	CELL
48	CD8a+DC	GSM258645	CELL
47	NK-cells	GSM258644	CELL
46	NK-cells	GSM258643	CELL
45	Mast-cells-IgE+Ad	GSM258642	CELL
44	Mast-cells-IgE+Ad	GSM258641	CELL
43	Mast-cells-IgE	GSM258640	CELL
42	Mast-cells-IgE	GSM258639	CELL
41	Mast-cells	GSM258638	CELL
40	Granulocytes	GSM258637	CELL
39	Granulocytes	GSM258636	CELL
38	GMP	GSM258635	CELL
37	GMP	GSM258634	CELL
36	GMP	GSM258633	CELL
35	GMP	GSM258632	CELL
34	GMP	GSM258631	CELL
33	GMP	GSM258630	CELL
32	GMP	GSM258629	CELL
31	MEP	GSM258628	CELL
30	MEP	GSM258627	CELL
29	HS-C	GSM258626	CELL
28	Bone marrow	GSM258625	CELL
27	paneth-cells-GF	GSM116357	CELL
26	paneth-cells-GF	GSM116356	CELL
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24	paneth-cells	GSM116354	CELL
23	paneth-cells	GSM116353	CELL
22	paneth-cells	GSM116352	CELL
21	Colon-Crypt	GSM480375	CELL
20	Colon-Crypt	GSM480374	CELL
19	Colon-Vill	GSM480363	CELL
18	Colon-Vill	GSM480362	CELL
17	Colon-IEC-Gf	GSM349880	CELL
16	Colon-IEC-Gf	GSM350375	CELL
15	Ileum-IEC	GSM350376	CELL
14	Ileum-IEC	GSM350377	CELL
13	Small-intestine-epithelium	RMINEP002001	CELL
12	Small-intestine-epithelium	RMINEP001001	CELL
11	FAE	RMPYEP001001	CELL
10	FAE	RMPYEP001001	CELL
09	Ileum-IEC	GSM190797	CELL
08	Ileum-IEC	GSM190796	CELL
07	Ileum-IEC	GSM190795	CELL
06	CT-v-M-cells	GSM190794	CELL
05	CT-v-M-cells	GSM190793	CELL
04	CT-y-M-cells	GSM190792	CELL
03	PP-M-cells	GSM190791	CELL
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Cluster0146\_High in colonic IEC (12 nodes)

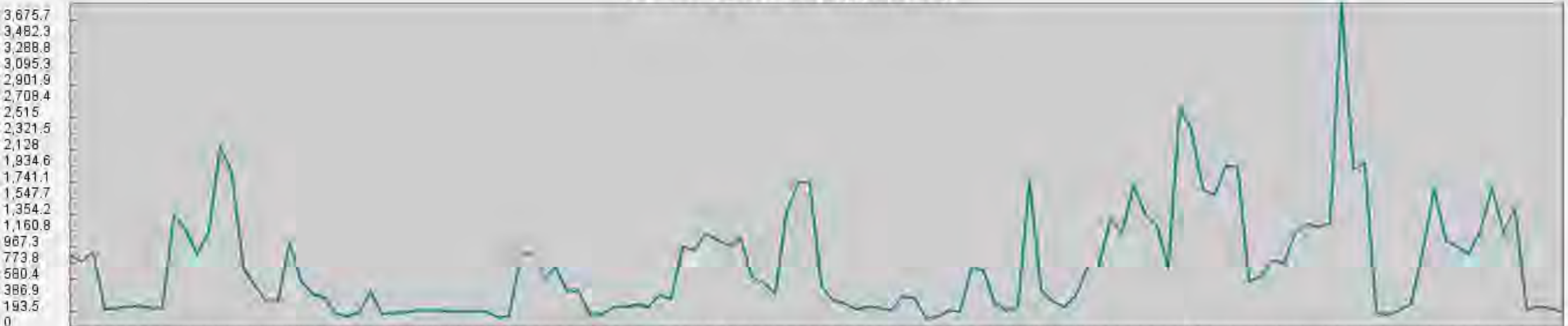
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357.7  
317.9  
278.2  
238.5  
198.7  
159  
119.2  
79.5  
39.7  
0



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 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
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 19-Colon-Vill-GSM480363.CEL  
 20-Colon-Crypt-GSM480374.CEL  
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 22-Paneth-cells-GSM318590.CEL  
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 38-Granulocytes\_GSM258667.CEL  
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 40-Mast-cells\_GSM258712.CEL  
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 45-Mast-cells-IdG+Ad-GSM258719.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258731.CEL  
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 75-MZ-Bcell-GSM258621.CEL  
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 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
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 95-Osteoblast-d21-GSM258739.CEL  
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 98-10T12-GSM258631.CEL  
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 103-C2C12-GSM258629.CEL  
 104-C2C12-GSM258629.CEL  
 105-Bruce4-GSM258666.CEL  
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 108-MIMCD3-GSM258724.CEL  
 109-mim6-GSM258725.CEL  
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Cluster0147\_House keeping (12 nodes)

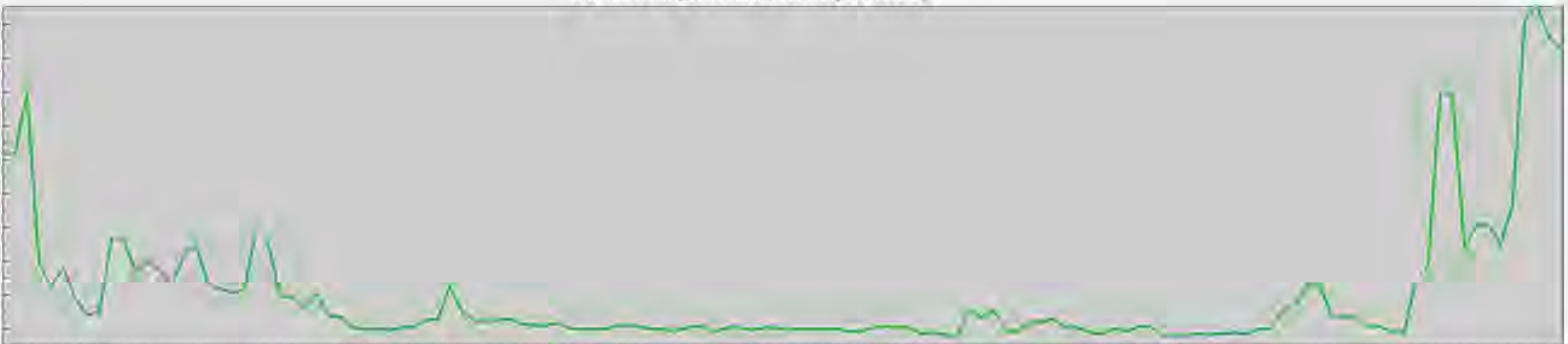


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117-Lymph-nodes GSM258691 CEL  
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115-Spleen GSM258766 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
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98-10T12 GSM258632 CEL  
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94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
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87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
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79-LY RMLNDCC003001 CEL  
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74-MZ-Bcell GSM258621 CEL  
73-BAF3 GSM258620 CEL  
72-BAF3 GSM258619 CEL  
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69-T-cells-CD8+ GSM258776 CEL  
68-T-cells-CD8+ GSM258775 CEL  
67-T-cells-CD4+ GSM258774 CEL  
66-T-cells-CD4+ GSM258773 CEL  
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64-Osteoclasts GSM258744 CEL  
63-Microglia GSM258721 CEL  
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32-MEP GSM258719 CEL  
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26-Paneth-cells-GF-1 GSM116350 CEL  
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22-Paneth-cells GSM318590 CEL  
21-Colon-Crypt GSM480375 cel  
20-Colon-Crypt GSM480374 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-GF GSM349880 CEL  
16-Colon-IEC-GF GSM350375 CEL  
15-Ileum-IEC-GF GSM350376 CEL  
14-Ileum-IEC GSM350371 CEL  
13-Small-intestine-epithelium RMINEP002901 CEL  
12-Small-intestine-epithelium RMINEP001001 CEL  
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08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-v-M-cells GSM190794 CEL  
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04-CT-v-M-cells GSM190792 CEL  
03-PP-M-cells GSM190791 CEL  
02-PP-M-cells GSM190790 CEL  
01-PP-M-cells GSM190789 CEL



Cluster0148\_intestine-related (12 nodes)

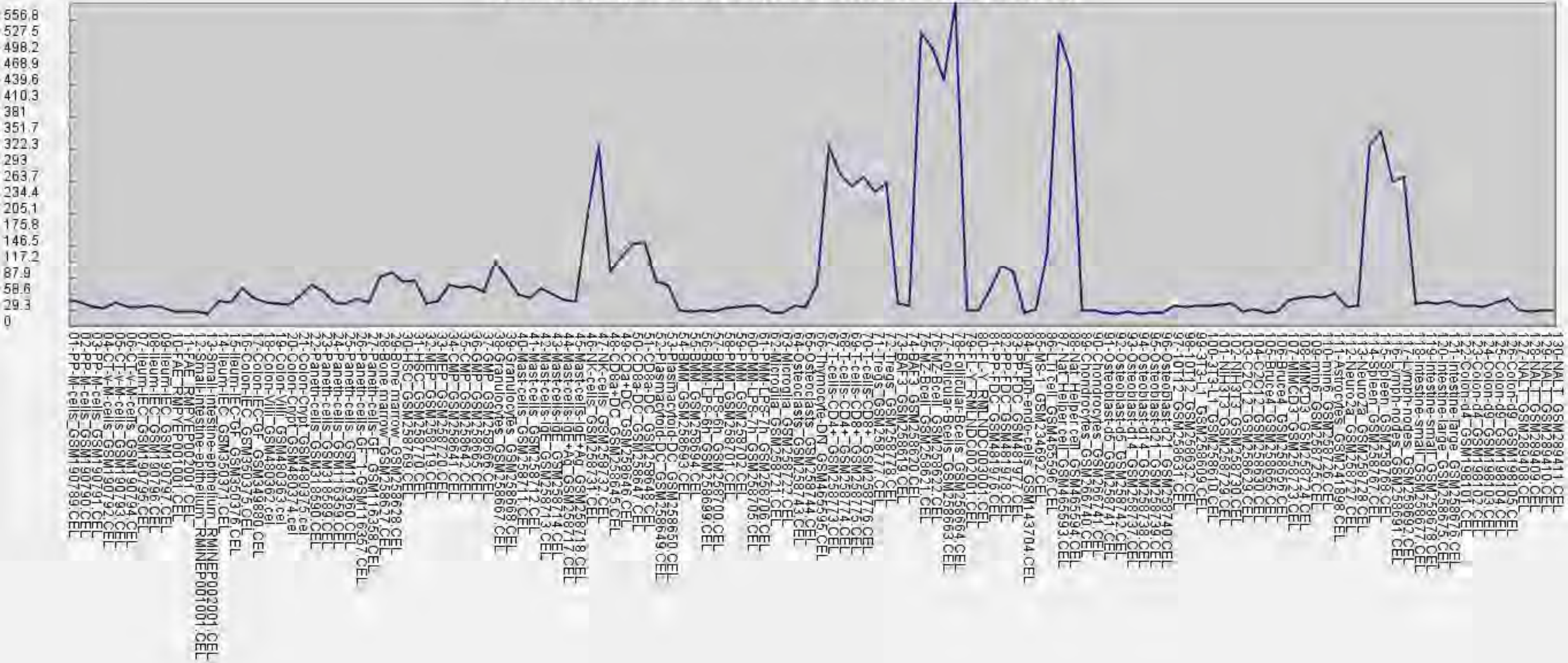
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968.8  
915  
861.1  
807.3  
753.5  
699.7  
645.9  
592  
538.2  
484.4  
430.6  
376.7  
322.9  
269.1  
215.3  
161.5  
107.6  
53.8  
0



130-NALT GSM289411.CEL  
 129-NALT GSM289410.CEL  
 128-NALT GSM289409.CEL  
 127-NALT GSM289408.CEL  
 126-Colon-d9 GSM1988105.CEL  
 125-Colon-d9 GSM1988104.CEL  
 124-Colon-d9 GSM1988103.CEL  
 123-Colon-d4 GSM1988102.CEL  
 122-Colon-d4 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
 120-Intestine-large GSM258675.CEL  
 119-Intestine-small GSM258678.CEL  
 118-Intestine-small GSM258677.CEL  
 117-Lymph-nodes GSM258691.CEL  
 116-Lymph-nodes GSM258692.CEL  
 115-Spleen GSM258766.CEL  
 114-Spleen GSM258767.CEL  
 113-Neuro2a GSM258728.CEL  
 112-Neuro2a GSM258727.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mim6 GSM258726.CEL  
 109-mim6 GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
 107-MIMCD3 GSM258723.CEL  
 106-Bruce4 GSM258656.CEL  
 105-Bruce4 GSM258655.CEL  
 104-C2C12 GSM258690.CEL  
 103-C2C12 GSM258689.CEL  
 102-NH3T3 GSM258730.CEL  
 101-NH3T3 GSM258729.CEL  
 100-3T3-L1 GSM258610.CEL  
 99-3T3-L1 GSM258609.CEL  
 98-10T12 GSM258632.CEL  
 97-10T12 GSM258631.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d21 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
 93-Osteoblast-d14 GSM258737.CEL  
 92-Osteoblast-d5 GSM258742.CEL  
 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
 89-Chondrocytes GSM266740.CEL  
 88-Nat Helper cell GSM465594.CEL  
 87-Nat Helper cell GSM465593.CEL  
 86-TT cell GSM465596.CEL  
 85-MS-1 GSM234692.CEL  
 84-Lymph-endo-cells GSM143704.CEL  
 83-P-FDC GSM481977.CEL  
 82-P-FDC GSM481978.CEL  
 81-P-FDC GSM481976.CEL  
 80-F-L-Y RMLNDCC003001.CEL  
 79-F-L-Y RMLNDCC003001.CEL  
 78-Follicular-Bcells GSM258664.CEL  
 77-Follicular-Bcells GSM258663.CEL  
 76-MZ-Bcell GSM258627.CEL  
 75-MZ-Bcell GSM258621.CEL  
 74-BAF3 GSM258620.CEL  
 73-BAF3 GSM258619.CEL  
 72-Tregs GSM258778.CEL  
 71-Tregs GSM258777.CEL  
 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258775.CEL  
 68-T-cells-CD4+ GSM258774.CEL  
 67-T-cells-CD4+ GSM258773.CEL  
 66-Thymocyte-DN GSM465595.CEL  
 65-Osteoclasts GSM258743.CEL  
 64-Osteoclasts GSM258744.CEL  
 63-Microglia GSM258721.CEL  
 62-Microglia GSM258721.CEL  
 61-MM-LPS-7h GSM258706.CEL  
 60-MM-LPS-7h GSM258705.CEL  
 59-MM-LPS-6h GSM258702.CEL  
 58-MM-LPS-6h GSM258701.CEL  
 57-MM-LPS-6h GSM258700.CEL  
 56-MM-LPS-6h GSM258699.CEL  
 55-MM-LPS-6h GSM258699.CEL  
 54-MM-LPS-6h GSM258699.CEL  
 53-Plasmacytoid-DC GSM258650.CEL  
 52-Plasmacytoid-DC GSM258649.CEL  
 51-CD8a-DC GSM258647.CEL  
 50-CD8a-DC GSM258647.CEL  
 49-CD8a+DC GSM258646.CEL  
 48-CD8a+DC GSM258645.CEL  
 47-NK-cells GSM258732.CEL  
 46-NK-cells GSM258731.CEL  
 45-Mast-cells-IgE+Ad GSM258718.CEL  
 44-Mast-cells-IgE+Ad GSM258717.CEL  
 43-Mast-cells-IgE GSM258714.CEL  
 42-Mast-cells-IgE GSM258713.CEL  
 41-Mast-cells GSM258712.CEL  
 40-Granulocytes GSM258667.CEL  
 39-Granulocytes GSM258667.CEL  
 38-GMP GSM258666.CEL  
 37-GMP GSM258666.CEL  
 36-GMP GSM258665.CEL  
 35-CMP GSM258642.CEL  
 34-CMP GSM258642.CEL  
 33-MEP GSM258720.CEL  
 32-MEP GSM258719.CEL  
 31-HESC GSM258770.CEL  
 30-HESC GSM258769.CEL  
 29-Bone marrow GSM258628.CEL  
 28-Bone marrow GSM258627.CEL  
 27-paneth-cells-GE GSM116357.CEL  
 26-paneth-cells-GE GSM116357.CEL  
 25-paneth-cells GSM116350.CEL  
 24-paneth-cells GSM116359.CEL  
 23-paneth-cells GSM318589.CEL  
 22-paneth-cells GSM318590.CEL  
 21-Colon-Crypt GSM480375.CEL  
 20-Colon-Crypt GSM480374.CEL  
 19-Colon-Vill GSM480363.CEL  
 18-Colon-Vill GSM480362.CEL  
 17-Colon-IEC-GE GSM349880.CEL  
 16-Colon-IEC-GE GSM350375.CEL  
 15-Ileum-IEC-TGF GSM350376.CEL  
 14-Ileum-IEC GSM350371.CEL  
 13-Small-intestine-epithelium RMINEP002001.CEL  
 12-Small-intestine-epithelium RMINEP001001.CEL  
 11-FAE RMPYEP002001.CEL  
 10-FAE RMPYEP001001.CEL  
 09-Ileum-IEC GSM190797.CEL  
 08-Ileum-IEC GSM190796.CEL  
 07-Ileum-IEC GSM190795.CEL  
 06-CT-v-M-cells GSM190794.CEL  
 05-CT-v-M-cells GSM190793.CEL  
 04-PP-M-cells GSM190792.CEL  
 03-PP-M-cells GSM190791.CEL  
 02-PP-M-cells GSM190790.CEL  
 01-PP-M-cells GSM190789.CEL



Cluster0149\_High in NK cells, cDC, T cells, B cells and NH cells (12 nodes)





Cluster0150\_Low in Paneth cells (12 nodes)

228.6  
216.5  
204.5  
192.5  
180.5  
168.4  
156.4  
144.4  
132.3  
120.3  
108.3  
96.2  
84.2  
72.2  
60.2  
48.1  
36.1  
24.1  
12  
0



130-NALT GSM289411 CEL  
129-NALT GSM2889410 CEL  
128-NALT GSM2894408 CEL  
127-NALT GSM2894408 CEL  
126-paneth-cells-GF-1 GSM116357 CEL  
125-paneth-cells GSM116350 CEL  
124-paneth-cells GSM116359 CEL  
123-paneth-cells GSM318589 CEL  
122-paneth-cells GSM318590 CEL  
121-paneth-cells GSM480375 cel  
120-paneth-cells GSM480374 cel  
119-paneth-cells-GF-1 GSM116357 CEL  
118-paneth-cells-GF-1 GSM116358 CEL  
117-paneth-cells-GF-1 GSM116357 CEL  
116-paneth-cells-GF-1 GSM116358 CEL  
115-Spleen GSM258766 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258656 CEL  
105-Bruce4 GSM258655 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258689 CEL  
102-NH3T3 GSM258730 CEL  
101-NH3T3 GSM258729 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-PP-FDC GSM481977 CEL  
82-PP-FDC GSM481978 CEL  
81-PP-FDC GSM481976 CEL  
80-L-Y-RMLNDCC003001 CEL  
79-L-Y-RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258627 CEL  
75-MZ-Bcell GSM258627 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258773 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-MM-LPS-7h GSM258706 CEL  
60-MM-LPS-7h GSM258706 CEL  
59-MM-LPS-6h GSM258702 CEL  
58-MM-LPS-6h GSM258702 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258699 CEL  
55-MM-LPS-6h GSM258694 CEL  
54-MM-LPS-6h GSM258694 CEL  
53-Ismacryoid-DC GSM258650 CEL  
52-Ismacryoid-DC GSM258649 CEL  
51-CD8a-DC GSM258648 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258731 CEL  
45-Mast-cells-IgE+Ad GSM258718 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258667 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258666 CEL  
36-GMP GSM258665 CEL  
35-GMP GSM258664 CEL  
34-MPEP GSM258642 CEL  
33-MPEP GSM258641 CEL  
32-MPEP GSM258641 CEL  
31-HESC GSM258770 CEL  
30-HESC GSM258770 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GF-1 GSM116357 CEL  
26-paneth-cells-GF-1 GSM116358 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-paneth-cells GSM480375 cel  
20-paneth-cells GSM480374 cel  
19-paneth-cells GSM480373 cel  
18-paneth-cells GSM480373 cel  
17-paneth-cells GSM480373 cel  
16-paneth-cells GSM480373 cel  
15-paneth-cells GSM349880 CEL  
14-paneth-cells GSM350376 CEL  
13-paneth-cells GSM350375 CEL  
13-paneth-cells GSM350375 CEL  
12-paneth-cells GSM350375 CEL  
12-paneth-cells GSM350375 CEL  
11-paneth-cells GSM350375 CEL  
11-paneth-cells GSM350375 CEL  
10-paneth-cells GSM350375 CEL  
10-paneth-cells GSM350375 CEL  
9-paneth-cells GSM350375 CEL  
9-paneth-cells GSM350375 CEL  
8-paneth-cells GSM350375 CEL  
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6-paneth-cells GSM350375 CEL  
6-paneth-cells GSM350375 CEL  
5-paneth-cells GSM350375 CEL  
5-paneth-cells GSM350375 CEL  
4-paneth-cells GSM350375 CEL  
4-paneth-cells GSM350375 CEL  
3-paneth-cells GSM350375 CEL  
3-paneth-cells GSM350375 CEL  
2-paneth-cells GSM350375 CEL  
2-paneth-cells GSM350375 CEL  
1-paneth-cells GSM350375 CEL  
1-paneth-cells GSM350375 CEL  
0-paneth-cells GSM350375 CEL  
0-paneth-cells GSM350375 CEL



Cluster0151-Intestine-related (12 nodes)



01-PP-M-cells	GSM190789	CEL
02-PP-M-cells	GSM190790	CEL
03-PP-M-cells	GSM190791	CEL
04-CT-y-M-cells	GSM190792	CEL
05-CT-y-M-cells	GSM190793	CEL
06-CT-w-M-cells	GSM190794	CEL
07-Ileum-EC	GSM190795	CEL
08-Ileum-EC	GSM190796	CEL
09-Ileum-EC	GSM190797	CEL
10-FAE-RMP	GSM190798	CEL
11-FAE-RMP	GSM190799	CEL
12-Small-intestine-epithelium	RMINEP001001	CEL
13-Small-intestine-epithelium	RMINEP002001	CEL
14-Ileum-EC	GSM350371	CEL
15-Ileum-EC	GSM350375	CEL
16-Colon-EC	GSM349880	CEL
17-Colon-Vill	GSM480362	cel
18-Colon-Vill	GSM480363	cel
19-Colon-Crypt	GSM480374	cel
20-Colon-Crypt	GSM480375	cel
21-Colon-Crypt	GSM480375	cel
22-Paneth-cells	GSM318590	CEL
23-Paneth-cells	GSM318591	CEL
24-Paneth-cells	GSM116350	CEL
25-Paneth-cells	GSM116359	CEL
26-Paneth-cells	GSM116359	CEL
27-Paneth-cells	GSM116357	CEL
28-Bone marrow	GSM258627	CEL
29-Bone marrow	GSM258628	CEL
30-NALT	GSM289411	CELL
31-NALT	GSM289410	CELL
32-NALT	GSM289409	CELL
33-NALT	GSM289408	CELL
34-Colon-d9	GSM198810	CELL
35-Colon-d9	GSM198810	CELL
36-Colon-d4	GSM198810	CELL
37-Colon-d4	GSM198810	CELL
38-Colon-d4	GSM198810	CELL
39-Colon-d4	GSM198810	CELL
40-Intestine-large	GSM258675	CEL
41-Intestine-large	GSM258677	CEL
42-Intestine-small	GSM258677	CEL
43-Intestine-small	GSM258691	CEL
44-Lymph-nodes	GSM258676	CEL
45-Spleen	GSM258676	CEL
46-Spleen	GSM258676	CEL
47-Neuro2a	GSM241898	CEL
48-Neuro2a	GSM241898	CEL
49-Astrocytes	GSM241898	CEL
50-mimb	GSM258725	CEL
51-mimb	GSM258725	CEL
52-MIMCD3	GSM258723	CEL
53-MIMCD3	GSM258723	CEL
54-Bruce4	GSM258690	CEL
55-Bruce4	GSM258690	CEL
56-C2C12	GSM258629	CEL
57-NH3T3	GSM258730	CEL
58-NH3T3	GSM258729	CEL
59-3T3-L1	GSM258610	CEL
60-3T3-L1	GSM258609	CEL
61-10T12	GSM258631	CEL
62-10T12	GSM258631	CEL
63-Osteoblast-d21	GSM258740	CEL
64-Osteoblast-d21	GSM258739	CEL
65-Osteoblast-d14	GSM258738	CEL
66-Osteoblast-d14	GSM258737	CEL
67-Osteoblast-d5	GSM258742	CEL
68-Osteoblast-d5	GSM258741	CEL
69-Chondrocytes	GSM266741	CEL
70-Chondrocytes	GSM266740	CEL
71-Nat Helper cell	GSM465594	CEL
72-Nat Helper cell	GSM465593	CEL
73-LT cell	GSM465596	CEL
74-MS-1	GSM234692	CEL
75-Lymph-endo-cells	GSM143704	CEL
76-Lymph-endo-cells	GSM481977	CEL
77-Lymph-endo-cells	GSM481978	CEL
78-Lymph-endo-cells	GSM481978	CEL
79-Follicular-B-cells	GSM258622	CEL
80-Follicular-B-cells	GSM258622	CEL
81-MZ-Bcell	GSM258621	CEL
82-MZ-Bcell	GSM258621	CEL
83-BAF3	GSM258620	CEL
84-BAF3	GSM258619	CEL
85-Tregs	GSM258778	CEL
86-Tregs	GSM258778	CEL
87-T-cells-CD8+	GSM258777	CEL
88-T-cells-CD8+	GSM258776	CEL
89-T-cells-CD4+	GSM258774	CEL
90-T-cells-CD4+	GSM258773	CEL
91-Thymocyte-DN	GSM465595	CEL
92-Osteoclasts	GSM258743	CEL
93-Osteoclasts	GSM258743	CEL
94-Microglia	GSM258721	CEL
95-Microglia	GSM258721	CEL
96-MM-LPS-7h	GSM258706	CEL
97-MM-LPS-7h	GSM258706	CEL
98-MM-LPS-6h	GSM258702	CEL
99-MM-LPS-6h	GSM258702	CEL
100-MM-LPS-6h	GSM258699	CEL
101-MM-LPS-6h	GSM258699	CEL
102-MM-LPS-6h	GSM258694	CEL
103-MM-LPS-6h	GSM258694	CEL
104-MM-LPS-6h	GSM258694	CEL
105-MM-LPS-6h	GSM258694	CEL
106-MM-LPS-6h	GSM258694	CEL
107-MM-LPS-6h	GSM258694	CEL
108-MM-LPS-6h	GSM258694	CEL
109-MM-LPS-6h	GSM258694	CEL
110-MM-LPS-6h	GSM258694	CEL
111-MM-LPS-6h	GSM258694	CEL
112-MM-LPS-6h	GSM258694	CEL
113-MM-LPS-6h	GSM258694	CEL
114-MM-LPS-6h	GSM258694	CEL
115-MM-LPS-6h	GSM258694	CEL
116-MM-LPS-6h	GSM258694	CEL
117-MM-LPS-6h	GSM258694	CEL
118-MM-LPS-6h	GSM258694	CEL
119-MM-LPS-6h	GSM258694	CEL
120-MM-LPS-6h	GSM258694	CEL
121-MM-LPS-6h	GSM258694	CEL
122-MM-LPS-6h	GSM258694	CEL
123-MM-LPS-6h	GSM258694	CEL
124-MM-LPS-6h	GSM258694	CEL
125-MM-LPS-6h	GSM258694	CEL
126-MM-LPS-6h	GSM258694	CEL
127-MM-LPS-6h	GSM258694	CEL
128-MM-LPS-6h	GSM258694	CEL
129-MM-LPS-6h	GSM258694	CEL
130-MM-LPS-6h	GSM258694	CEL







Cluster0153\_High in Peyer's patches FDC (12 nodes)

1,274.9  
1,207.8  
1,140.7  
1,073.6  
1,006.5  
939.4  
872.3  
805.2  
738.1  
671  
603.9  
536.8  
469.7  
402.6  
335.5  
268.4  
201.3  
134.2  
67.1  
0

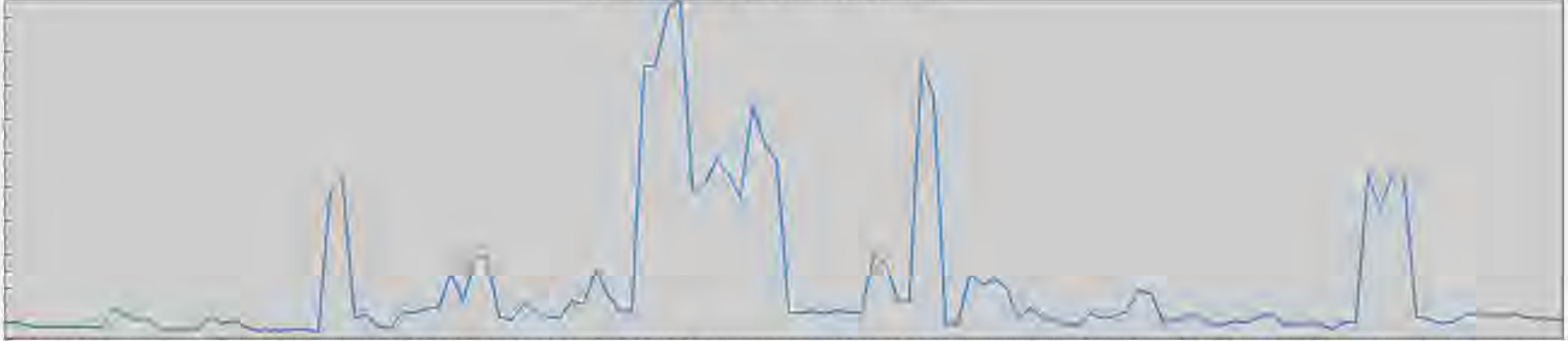


01-PP-M-cells	GSM190789	CEL
02-PP-M-cells	GSM190790	CEL
03-PP-M-cells	GSM190791	CEL
04-CT-Y-M-cells	GSM190792	CEL
05-CT-Y-M-cells	GSM190793	CEL
06-CT-W-M-cells	GSM190794	CEL
07-Ileum-IEC	GSM190795	CEL
08-Ileum-IEC	GSM190796	CEL
09-Ileum-IEC	GSM190797	CEL
10-FAE-RMP	GSM190798	CEL
11-FAE-RMP	GSM190799	CEL
12-Small-intestine-epithelium	RMINEP001001	CEL
13-Small-intestine-epithelium	RMINEP002001	CEL
14-Ileum-IEC	GSM350371	CEL
15-Ileum-IEC	GSM350375	CEL
16-Colon-IEC	GSM349880	CEL
17-Colon-Vill	GSM480362	cel
18-Colon-Vill	GSM480363	cel
19-Colon-Crypt	GSM480374	cel
20-Colon-Crypt	GSM480375	cel
21-Colon-Crypt	GSM480375	cel
22-Paneth-cells	GSM318589	CEL
23-Paneth-cells	GSM318590	CEL
24-Paneth-cells	GSM116350	CEL
25-Paneth-cells	GSM116359	CEL
26-Paneth-cells	GSM116359	CEL
27-Paneth-cells	GSM116357	CEL
28-Bone marrow	GSM258627	CEL
29-Bone marrow	GSM258627	CEL
30-NALT	GSM289411	CEL
31-NALT	GSM289410	CEL
32-NALT	GSM289409	CEL
33-NALT	GSM289408	CEL
34-Color-d9	GSM198810	CEL
35-Color-d9	GSM198810	CEL
36-Color-d4	GSM198810	CEL
37-Color-d4	GSM198810	CEL
38-Color-d4	GSM198810	CEL
39-Color-d4	GSM198810	CEL
40-Intestine-large	GSM258675	CEL
41-Intestine-large	GSM258675	CEL
42-Intestine-small	GSM258677	CEL
43-Intestine-small	GSM258679	CEL
44-Lymph-nodes	GSM258691	CEL
45-Spleen	GSM258766	CEL
46-Spleen	GSM258767	CEL
47-Neuro2a	GSM258728	CEL
48-Neuro2a	GSM258728	CEL
49-Astrocytes	GSM241898	CEL
50-mimb	GSM258726	CEL
51-mimb	GSM258725	CEL
52-MIMCD3	GSM258724	CEL
53-MIMCD3	GSM258723	CEL
54-Bruce4	GSM258656	CEL
55-Bruce4	GSM258656	CEL
56-C2C12	GSM258690	CEL
57-C2C12	GSM258689	CEL
58-NH3T3	GSM258730	CEL
59-NH3T3	GSM258729	CEL
60-3T3-L1	GSM258610	CEL
61-3T3-L1	GSM258609	CEL
62-10T12	GSM258632	CEL
63-10T12	GSM258631	CEL
64-Osteoblast-d21	GSM258740	CEL
65-Osteoblast-d21	GSM258739	CEL
66-Osteoblast-d14	GSM258738	CEL
67-Osteoblast-d14	GSM258737	CEL
68-Osteoblast-d5	GSM258742	CEL
69-Osteoblast-d5	GSM258741	CEL
70-Chondrocytes	GSM266741	CEL
71-Chondrocytes	GSM266740	CEL
72-Nat Helper cell	GSM465594	CEL
73-Nat Helper cell	GSM465593	CEL
74-LT cell	GSM465596	CEL
75-MS-1	GSM234692	CEL
76-Lymph-endc-cells	GSM143704	CEL
77-PP-FDC	GSM481977	CEL
78-PP-FDC	GSM481978	CEL
79-PP-FDC	GSM481976	CEL
80-LY-RMLNDC002001	CEL	
81-LY-RMLNDC003001	CEL	
82-LY-RMLNDC002001	CEL	
83-Tregs	GSM258778	CEL
84-Tregs	GSM258777	CEL
85-T-cells-CD8+	GSM258776	CEL
86-T-cells-CD8+	GSM258775	CEL
87-T-cells-CD4+	GSM258774	CEL
88-T-cells-CD4+	GSM258773	CEL
89-Thymocyte-DN	GSM465595	CEL
90-Osteoclasts	GSM258743	CEL
91-Microglia	GSM258721	CEL
92-Microglia	GSM258721	CEL
93-MM-PS-7h	GSM258705	CEL
94-MM-PS-7h	GSM258705	CEL
95-MM-PS-6h	GSM258702	CEL
96-MM-PS-6h	GSM258702	CEL
97-MM-LPS-6h	GSM258699	CEL
98-MM-LPS-6h	GSM258699	CEL
99-MM-LPS-6h	GSM258694	CEL
100-MM-LPS-6h	GSM258694	CEL
101-Ismacryoid-DC	GSM258650	CEL
102-Ismacryoid-DC	GSM258649	CEL
103-CD8a-DC	GSM258647	CEL
104-CD8a-DC	GSM258647	CEL
105-CD8a+DC	GSM258646	CEL
106-CD8a+DC	GSM258646	CEL
107-NK-cells	GSM258732	CEL
108-NK-cells	GSM258731	CEL
109-Mast-cells-IgE+Ad	GSM258718	CEL
110-Mast-cells-IgE+Ad	GSM258717	CEL
111-Mast-cells-IgE	GSM258714	CEL
112-Mast-cells-IgE	GSM258713	CEL
113-Granulocytes	GSM258667	CEL
114-Granulocytes	GSM258667	CEL
115-GMP	GSM258665	CEL
116-GMP	GSM258665	CEL
117-GMP	GSM258642	CEL
118-GMP	GSM258642	CEL
119-MPEP	GSM258720	CEL
120-MPEP	GSM258719	CEL
121-HESC	GSM258770	CEL
122-HESC	GSM258770	CEL
123-Bone marrow	GSM258628	CEL
124-Bone marrow	GSM258627	CEL
125-Paneth-cells	GSM116358	CEL
126-Paneth-cells	GSM116357	CEL
127-Paneth-cells	GSM116350	CEL
128-Paneth-cells	GSM116359	CEL
129-Paneth-cells	GSM318589	CEL
130-Paneth-cells	GSM318590	CEL



Cluster0154\_Phagocyte-related (12 nodes)

2,380.3  
2,255  
2,129.7  
2,004.4  
1,879.2  
1,753.9  
1,628.6  
1,503.3  
1,378.1  
1,252.8  
1,127.5  
1,002.2  
876.9  
751.7  
626.4  
501.1  
375.8  
250.6  
125.3  
0

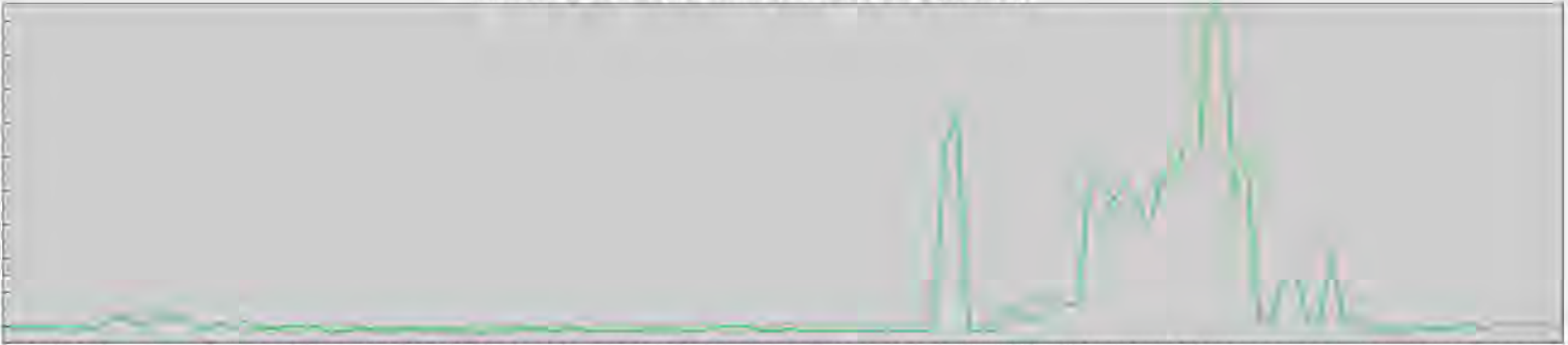


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-CD9 GSM1988105.CEL  
125-CD9 GSM1988104.CEL  
124-CD9 GSM1988103.CEL  
123-CD9 GSM1988102.CEL  
122-CD9 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258725.CEL  
109-ming GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-D-LY RMLNDCC003001.CEL  
79-E-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258622.CEL  
76-MZ-Bcell GSM258621.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-CD9 GSM480375.CEL  
20-CD9 GSM480374.CEL  
19-CD9 GSM480363.CEL  
18-CD9 GSM480362.CEL  
17-CD9 GSM349880.CEL  
16-CD9 GSM350375.CEL  
15-CD9 GSM350376.CEL  
14-Intestine-epithelium RMINEP002901.CEL  
13-Intestine-epithelium RMINEP002901.CEL  
12-Intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0155\_Mesenchyme-related/extracellular matrix (12 nodes)

565.2  
535.5  
505.7  
476  
446.2  
416.5  
386.7  
357  
327.2  
297.5  
267.7  
238  
208.2  
178.5  
148.7  
119  
89.2  
59.5  
29.7  
0

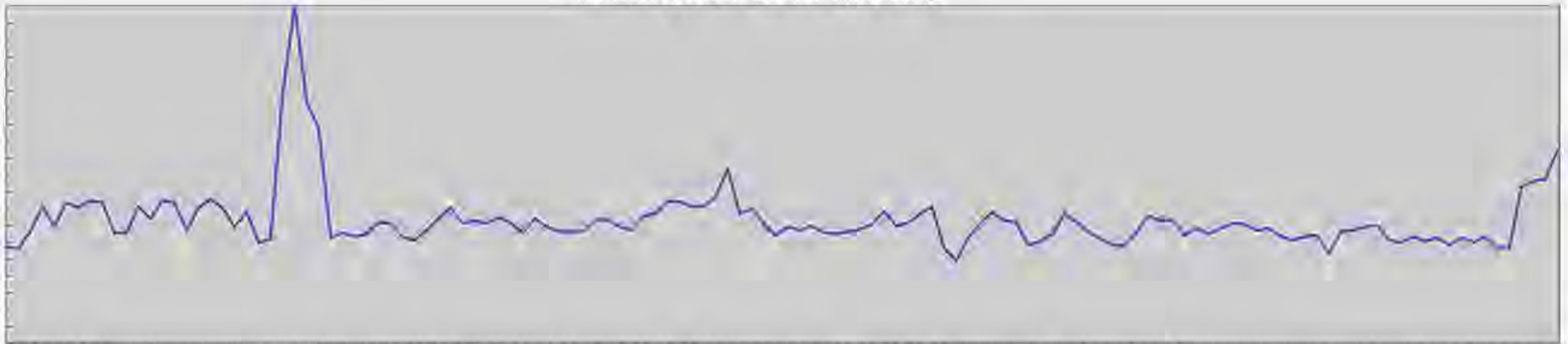


130- NALT GSM289411 CELL  
129- NALT GSM289410 CELL  
128- NALT GSM289409 CELL  
127- NALT GSM289408 CELL  
126- Colon-d9 GSM1988105 CELL  
125- Colon-d9 GSM1988104 CELL  
124- Colon-d9 GSM1988103 CELL  
123- Colon-d4 GSM1988102 CELL  
122- Colon-d4 GSM1988101 CELL  
121- Intestine-large GSM258676 CELL  
120- Intestine-large GSM258675 CELL  
119- Intestine-small GSM258678 CELL  
118- Intestine-small GSM258679 CELL  
117- Lymph-nodes GSM258691 CELL  
116- Lymph-nodes GSM258726 CELL  
115- Spleen GSM258767 CELL  
114- Spleen GSM258767 CELL  
113- Neuro2a GSM258728 CELL  
112- Neuro2a GSM258727 CELL  
111- Astrocytes GSM241898 CELL  
110- mimg GSM258726 CELL  
109- mimg GSM258725 CELL  
108- MIMCD3 GSM258724 CELL  
107- MIMCD3 GSM258723 CELL  
106- Bruce4 GSM258665 CELL  
105- Bruce4 GSM258665 CELL  
104- C2C12 GSM258690 CELL  
103- C2C12 GSM258689 CELL  
102- NIH3T3 GSM258730 CELL  
101- NIH3T3 GSM258729 CELL  
100- 3T3-L1 GSM258610 CELL  
99- 3T3-L1 GSM258609 CELL  
98- 10T1/2 GSM258632 CELL  
97- 10T1/2 GSM258631 CELL  
96- Osteoblast-d21 GSM258740 CELL  
95- Osteoblast-d21 GSM258739 CELL  
94- Osteoblast-d14 GSM258738 CELL  
93- Osteoblast-d14 GSM258737 CELL  
92- Osteoblast-d5 GSM258742 CELL  
91- Osteoblast-d5 GSM258741 CELL  
90- Chondrocytes GSM266741 CELL  
89- Chondrocytes GSM266740 CELL  
88- Nat Helper cell GSM465594 CELL  
87- Nat Helper cell GSM465593 CELL  
86- Tt cell GSM465596 CELL  
85- MS-1 GSM234692 CELL  
84- Lymph-endo-cells GSM143704 CELL  
83- P-FDC GSM481977 CELL  
82- P-FDC GSM481978 CELL  
81- P-FDC GSM481976 CELL  
80- FLY RMLNDCC003001 CELL  
79- FLY RMLNDCC003001 CELL  
78- Follicular-Bcells GSM258664 CELL  
77- Follicular-Bcells GSM258664 CELL  
76- MZ-Bcell GSM258627 CELL  
75- MZ-Bcell GSM258627 CELL  
74- BAF3 GSM258620 CELL  
73- BAF3 GSM258619 CELL  
72- Tregs GSM258778 CELL  
71- Tregs GSM258777 CELL  
70- T-cells CD8+ GSM258776 CELL  
69- T-cells CD8+ GSM258774 CELL  
68- T-cells CD4+ GSM258773 CELL  
67- T-cells CD4+ GSM258744 CELL  
66- Thymocyte-DN GSM465595 CELL  
65- Osteoclasts GSM258743 CELL  
64- Microglia GSM258721 CELL  
63- Microglia GSM258721 CELL  
62- PMM-LPS-7h GSM268706 CELL  
61- PMM-LPS-7h GSM268706 CELL  
60- PMM-LPS-7h GSM268705 CELL  
59- PMM-LPS-6h GSM258702 CELL  
58- PMM-LPS-6h GSM258702 CELL  
57- BMM-LPS-6h GSM258699 CELL  
56- BMM-LPS-6h GSM258699 CELL  
55- BMM-LPS-6h GSM258699 CELL  
54- BMM-LPS-6h GSM258699 CELL  
53- Plasmacytoid-DC GSM258650 CELL  
52- Plasmacytoid-DC GSM258649 CELL  
51- CD8a-DC GSM258647 CELL  
50- CD8a-DC GSM258647 CELL  
49- CD8a+DC GSM258646 CELL  
48- CD8a+DC GSM258646 CELL  
47- NK-cells GSM258732 CELL  
46- NK-cells GSM258731 CELL  
45- Mast-cells-IgE+Ad GSM258719 CELL  
44- Mast-cells-IgE+Ad GSM258717 CELL  
43- Mast-cells-IgE GSM258714 CELL  
42- Mast-cells-IgE GSM258713 CELL  
41- Mast-cells GSM258712 CELL  
40- Granulocytes GSM258668 CELL  
39- Granulocytes GSM258667 CELL  
38- GMP GSM258666 CELL  
37- GMP GSM258666 CELL  
36- GMP GSM258666 CELL  
35- CMP GSM258642 CELL  
34- CMP GSM258642 CELL  
33- MIEP GSM258720 CELL  
32- MIEP GSM258719 CELL  
31- HSC GSM258770 CELL  
30- HSC GSM258769 CELL  
29- Bone marrow GSM258628 CELL  
28- Bone marrow GSM258627 CELL  
27- Paneth-cells-GF-1 GSM116358 CELL  
26- Paneth-cells-GF-1 GSM116357 CELL  
25- Paneth-cells GSM116350 CELL  
24- Paneth-cells GSM116359 CELL  
23- Paneth-cells GSM318589 CELL  
22- Paneth-cells GSM318590 CELL  
21- Colon-Crypt GSM480375 CELL  
20- Colon-Crypt GSM480374 CELL  
19- Colon-Vill GSM480363 CELL  
18- Colon-Vill GSM480362 CELL  
17- Colon-IEC-GF GSM349880 CELL  
16- Colon-IEC-GF GSM350375 CELL  
15- Ileum-IEC-GF GSM350376 CELL  
14- Ileum-IEC GSM350371 CELL  
13- Small-intestine-epithelium RMINEP002001 CELL  
12- Small-intestine-epithelium RMINEP001001 CELL  
11- FAE-RMPYEP002001 CELL  
10- FAE-RMPYEP001001 CELL  
09- Ileum-IEC GSM190797 CELL  
08- Ileum-IEC GSM190796 CELL  
07- Ileum-IEC GSM190795 CELL  
06- CT-v-M-cells GSM190794 CELL  
05- CT-v-M-cells GSM190793 CELL  
04- PP-M-cells GSM190792 CELL  
03- PP-M-cells GSM190791 CELL  
02- PP-M-cells GSM190790 CELL  
01- PP-M-cells GSM190789 CELL



Cluster0156\_Low in Paneth cells (12 nodes)

104.3  
98.8  
93.3  
87.8  
82.3  
76.8  
71.3  
65.8  
60.4  
54.9  
49.4  
43.9  
38.4  
32.9  
27.4  
21.9  
16.5  
11  
5.5  
0

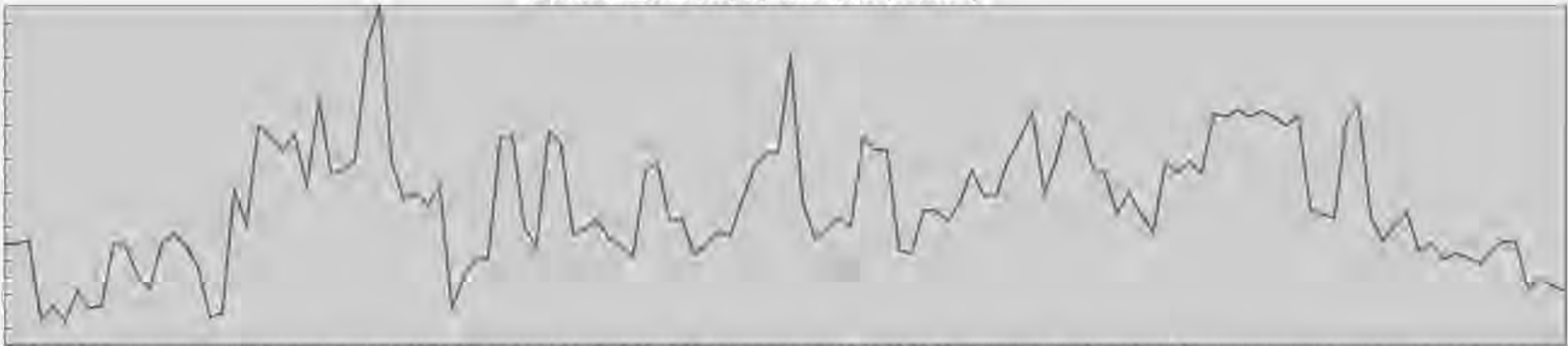


130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-paneth-cells-GF-1 GSM116357 CEL  
125-paneth-cells GSM116350 CEL  
124-paneth-cells GSM116359 CEL  
123-paneth-cells GSM318589 CEL  
122-paneth-cells GSM318590 CEL  
121-paneth-cells GSM480375 cel  
120-paneth-cells GSM480374 cel  
119-paneth-cells-GF GSM116358 CEL  
118-paneth-cells-GF GSM116357 CEL  
117-paneth-cells-GF GSM116350 CEL  
116-paneth-cells-GF GSM116359 CEL  
115-paneth-cells-GF GSM318589 CEL  
114-paneth-cells-GF GSM318590 CEL  
113-paneth-cells-GF GSM480375 cel  
112-paneth-cells-GF GSM480374 cel  
111-paneth-cells-GF GSM116358 CEL  
110-paneth-cells-GF GSM116357 CEL  
109-paneth-cells-GF GSM116350 CEL  
108-paneth-cells-GF GSM116359 CEL  
107-paneth-cells-GF GSM318589 CEL  
106-paneth-cells-GF GSM318590 CEL  
105-paneth-cells-GF GSM480375 cel  
104-paneth-cells-GF GSM480374 cel  
103-paneth-cells-GF GSM116358 CEL  
102-paneth-cells-GF GSM116357 CEL  
101-paneth-cells-GF GSM116350 CEL  
100-paneth-cells-GF GSM116359 CEL  
99-paneth-cells-GF GSM318589 CEL  
98-paneth-cells-GF GSM318590 CEL  
97-paneth-cells-GF GSM480375 cel  
96-paneth-cells-GF GSM480374 cel  
95-paneth-cells-GF GSM116358 CEL  
94-paneth-cells-GF GSM116357 CEL  
93-paneth-cells-GF GSM116350 CEL  
92-paneth-cells-GF GSM116359 CEL  
91-paneth-cells-GF GSM318589 CEL  
90-paneth-cells-GF GSM318590 CEL  
89-paneth-cells-GF GSM480375 cel  
88-paneth-cells-GF GSM480374 cel  
87-paneth-cells-GF GSM116358 CEL  
86-paneth-cells-GF GSM116357 CEL  
85-paneth-cells-GF GSM116350 CEL  
84-paneth-cells-GF GSM116359 CEL  
83-paneth-cells-GF GSM318589 CEL  
82-paneth-cells-GF GSM318590 CEL  
81-paneth-cells-GF GSM480375 cel  
80-paneth-cells-GF GSM480374 cel  
79-paneth-cells-GF GSM116358 CEL  
78-paneth-cells-GF GSM116357 CEL  
77-paneth-cells-GF GSM116350 CEL  
76-paneth-cells-GF GSM116359 CEL  
75-paneth-cells-GF GSM318589 CEL  
74-paneth-cells-GF GSM318590 CEL  
73-paneth-cells-GF GSM480375 cel  
72-paneth-cells-GF GSM480374 cel  
71-paneth-cells-GF GSM116358 CEL  
70-paneth-cells-GF GSM116357 CEL  
69-paneth-cells-GF GSM116350 CEL  
68-paneth-cells-GF GSM116359 CEL  
67-paneth-cells-GF GSM318589 CEL  
66-paneth-cells-GF GSM318590 CEL  
65-paneth-cells-GF GSM480375 cel  
64-paneth-cells-GF GSM480374 cel  
63-paneth-cells-GF GSM116358 CEL  
62-paneth-cells-GF GSM116357 CEL  
61-paneth-cells-GF GSM116350 CEL  
60-paneth-cells-GF GSM116359 CEL  
59-paneth-cells-GF GSM318589 CEL  
58-paneth-cells-GF GSM318590 CEL  
57-paneth-cells-GF GSM480375 cel  
56-paneth-cells-GF GSM480374 cel  
55-paneth-cells-GF GSM116358 CEL  
54-paneth-cells-GF GSM116357 CEL  
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51-paneth-cells-GF GSM318589 CEL  
50-paneth-cells-GF GSM318590 CEL  
49-paneth-cells-GF GSM480375 cel  
48-paneth-cells-GF GSM480374 cel  
47-paneth-cells-GF GSM116358 CEL  
46-paneth-cells-GF GSM116357 CEL  
45-paneth-cells-GF GSM116350 CEL  
44-paneth-cells-GF GSM116359 CEL  
43-paneth-cells-GF GSM318589 CEL  
42-paneth-cells-GF GSM318590 CEL  
41-paneth-cells-GF GSM480375 cel  
40-paneth-cells-GF GSM480374 cel  
39-paneth-cells-GF GSM116358 CEL  
38-paneth-cells-GF GSM116357 CEL  
37-paneth-cells-GF GSM116350 CEL  
36-paneth-cells-GF GSM116359 CEL  
35-paneth-cells-GF GSM318589 CEL  
34-paneth-cells-GF GSM318590 CEL  
33-paneth-cells-GF GSM480375 cel  
32-paneth-cells-GF GSM480374 cel  
31-paneth-cells-GF GSM116358 CEL  
30-paneth-cells-GF GSM116357 CEL  
29-paneth-cells-GF GSM116350 CEL  
28-paneth-cells-GF GSM116359 CEL  
27-paneth-cells-GF GSM318589 CEL  
26-paneth-cells-GF GSM318590 CEL  
25-paneth-cells-GF GSM480375 cel  
24-paneth-cells-GF GSM480374 cel  
23-paneth-cells-GF GSM116358 CEL  
22-paneth-cells-GF GSM116357 CEL  
21-paneth-cells-GF GSM116350 CEL  
20-paneth-cells-GF GSM116359 CEL  
19-paneth-cells-GF GSM318589 CEL  
18-paneth-cells-GF GSM318590 CEL  
17-paneth-cells-GF GSM480375 cel  
16-paneth-cells-GF GSM480374 cel  
15-paneth-cells-GF GSM116358 CEL  
14-paneth-cells-GF GSM116357 CEL  
13-paneth-cells-GF GSM116350 CEL  
12-paneth-cells-GF GSM116359 CEL  
11-paneth-cells-GF GSM318589 CEL  
10-paneth-cells-GF GSM318590 CEL  
09-paneth-cells-GF GSM480375 cel  
08-paneth-cells-GF GSM480374 cel  
07-paneth-cells-GF GSM116358 CEL  
06-paneth-cells-GF GSM116357 CEL  
05-paneth-cells-GF GSM116350 CEL  
04-paneth-cells-GF GSM116359 CEL  
03-paneth-cells-GF GSM318589 CEL  
02-paneth-cells-GF GSM318590 CEL  
01-paneth-cells-GF GSM480375 cel



Cluster0157\_House keeping-transcription (12 nodes)

9,772.3  
9,258  
8,743.7  
8,229.3  
7,715  
7,200.7  
6,686.3  
6,172  
5,657.7  
5,143.3  
4,629  
4,114.7  
3,600.3  
3,086  
2,571.7  
2,057.3  
1,543  
1,028.7  
514.3  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-SmallIntestine-epithelium\_RMINEP001001.CEL  
 13-SmallIntestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Color-IEC-Gf\_GSM350375.CEL  
 17-Color-IEC-Gf\_GSM349880.CEL  
 18-Color-Vill-GSM480362.CEL  
 19-Color-Vill-GSM480363.CEL  
 20-Color-Crypt-GSM480374.CEL  
 21-Color-Crypt-GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-GSM116357.CEL  
 27-Paneth-cells-Gf-GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-MEP-GSM258770.CEL  
 32-MEP-GSM258770.CEL  
 33-MEP-GSM258770.CEL  
 34-MEP-GSM258770.CEL  
 35-MEP-GSM258770.CEL  
 36-MEP-GSM258770.CEL  
 37-MEP-GSM258770.CEL  
 38-MEP-GSM258770.CEL  
 39-Granulocytes\_GSM258771.CEL  
 40-Mast-cells\_GSM258771.CEL  
 41-Mast-cells-Gf-GSM258771.CEL  
 42-Mast-cells-Gf-GSM258771.CEL  
 43-Mast-cells-Gf-GSM258771.CEL  
 44-Mast-cells-Gf-GSM258771.CEL  
 45-Mast-cells-Gf-GSM258771.CEL  
 46-NK-cells\_GSM258771.CEL  
 47-NK-cells\_GSM258771.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a+DC\_GSM258647.CEL  
 51-CD8a+DC\_GSM258647.CEL  
 52-CD8a+DC\_GSM258647.CEL  
 53-CD8a+DC\_GSM258647.CEL  
 54-CD8a+DC\_GSM258647.CEL  
 55-CD8a+DC\_GSM258647.CEL  
 56-CD8a+DC\_GSM258647.CEL  
 57-CD8a+DC\_GSM258647.CEL  
 58-CD8a+DC\_GSM258647.CEL  
 59-CD8a+DC\_GSM258647.CEL  
 60-CD8a+DC\_GSM258647.CEL  
 61-CD8a+DC\_GSM258647.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Microglia\_GSM258721.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Osteoclasts\_GSM258743.CEL  
 67-Thymocyte-DN\_GSM465595.CEL  
 68-Thymocyte-DN\_GSM465595.CEL  
 69-T-cells-CD4+\_GSM258773.CEL  
 70-T-cells-CD4+\_GSM258773.CEL  
 71-T-cells-CD8+\_GSM258776.CEL  
 72-T-cells-CD8+\_GSM258776.CEL  
 73-Tregs\_GSM258778.CEL  
 74-Tregs\_GSM258778.CEL  
 75-Tregs\_GSM258778.CEL  
 76-Tregs\_GSM258778.CEL  
 77-Tregs\_GSM258778.CEL  
 78-Tregs\_GSM258778.CEL  
 79-Tregs\_GSM258778.CEL  
 80-Tregs\_GSM258778.CEL  
 81-Tregs\_GSM258778.CEL  
 82-Tregs\_GSM258778.CEL  
 83-Tregs\_GSM258778.CEL  
 84-Tregs\_GSM258778.CEL  
 85-Tregs\_GSM258778.CEL  
 86-Tregs\_GSM258778.CEL  
 87-Tregs\_GSM258778.CEL  
 88-Tregs\_GSM258778.CEL  
 89-Tregs\_GSM258778.CEL  
 90-Tregs\_GSM258778.CEL  
 91-Tregs\_GSM258778.CEL  
 92-Tregs\_GSM258778.CEL  
 93-Tregs\_GSM258778.CEL  
 94-Tregs\_GSM258778.CEL  
 95-Tregs\_GSM258778.CEL  
 96-Tregs\_GSM258778.CEL  
 97-Tregs\_GSM258778.CEL  
 98-Tregs\_GSM258778.CEL  
 99-Tregs\_GSM258778.CEL  
 100-Tregs\_GSM258778.CEL  
 101-Tregs\_GSM258778.CEL  
 102-Tregs\_GSM258778.CEL  
 103-Tregs\_GSM258778.CEL  
 104-Tregs\_GSM258778.CEL  
 105-Tregs\_GSM258778.CEL  
 106-Tregs\_GSM258778.CEL  
 107-Tregs\_GSM258778.CEL  
 108-Tregs\_GSM258778.CEL  
 109-Tregs\_GSM258778.CEL  
 110-Tregs\_GSM258778.CEL  
 111-Tregs\_GSM258778.CEL  
 112-Tregs\_GSM258778.CEL  
 113-Tregs\_GSM258778.CEL  
 114-Tregs\_GSM258778.CEL  
 115-Tregs\_GSM258778.CEL  
 116-Tregs\_GSM258778.CEL  
 117-Tregs\_GSM258778.CEL  
 118-Tregs\_GSM258778.CEL  
 119-Tregs\_GSM258778.CEL  
 120-Tregs\_GSM258778.CEL  
 121-Tregs\_GSM258778.CEL  
 122-Tregs\_GSM258778.CEL  
 123-Tregs\_GSM258778.CEL  
 124-Tregs\_GSM258778.CEL  
 125-Tregs\_GSM258778.CEL  
 126-Tregs\_GSM258778.CEL  
 127-Tregs\_GSM258778.CEL  
 128-Tregs\_GSM258778.CEL  
 129-Tregs\_GSM258778.CEL  
 130-Tregs\_GSM258778.CEL



Cluster0158\_High in 10T12 cells (12 nodes)

1,344.4  
1,273.6  
1,202.9  
1,132.1  
1,061.3  
990.8  
919.8  
849.1  
778.3  
707.8  
636.8  
566  
495.3  
424.5  
353.8  
283  
212.3  
141.5  
70.8  
0



30- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 128- NALT GSM289409 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258674 CELL  
 118- Intestine-small GSM258673 CELL  
 117- Lymph-nodes GSM258672 CELL  
 116- Spleen GSM258671 CELL  
 115- Spleen GSM258670 CELL  
 114- Neuro2a GSM258669 CELL  
 113- Neuro2a GSM258668 CELL  
 112- Astrocytes GSM241898 CELL  
 111- Astrocytes GSM241897 CELL  
 110- mimb GSM2586725 CELL  
 109- mimb GSM2586724 CELL  
 108- MIMCD3 GSM2586723 CELL  
 107- MIMCD3 GSM2586722 CELL  
 106- Bruce4 GSM2586721 CELL  
 105- Bruce4 GSM2586720 CELL  
 104- C2C12 GSM2586719 CELL  
 103- C2C12 GSM2586718 CELL  
 102- NH3T3 GSM2586730 CELL  
 101- NH3T3 GSM2586729 CELL  
 100- 3T3-L1 GSM2586710 CELL  
 99- 3T3-L1 GSM2586609 CELL  
 98- 10T12 GSM2586632 CELL  
 97- 10T12 GSM2586631 CELL  
 96- Osteoblast-d21 GSM2586740 CELL  
 95- Osteoblast-d14 GSM2586738 CELL  
 94- Osteoblast-d14 GSM2586737 CELL  
 93- Osteoblast-d14 GSM2586742 CELL  
 92- Osteoblast-d5 GSM2586741 CELL  
 91- Osteoblast-d5 GSM2586741 CELL  
 90- Chondrocytes GSM266740 CELL  
 89- Nat Helper cell GSM465594 CELL  
 88- Nat Helper cell GSM465593 CELL  
 87- T cell GSM465596 CELL  
 86- T cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- P-FDC GSM481977 CELL  
 82- P-FDC GSM481978 CELL  
 81- P-FDC GSM481976 CELL  
 80- F-LY RMLNDCC003001 CELL  
 79- F-LY RMLNDCC003001 CELL  
 78- Follicular-B-cells GSM258664 CELL  
 77- Follicular-B-cells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258627 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM2586778 CELL  
 71- Tregs GSM2586777 CELL  
 70- T-cells-CD8+ GSM2586776 CELL  
 69- T-cells-CD8+ GSM2586774 CELL  
 68- T-cells-CD4+ GSM2586773 CELL  
 67- T-cells-CD4+ GSM2586744 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM2586743 CELL  
 64- Microglia GSM2586721 CELL  
 63- Microglia GSM2586721 CELL  
 62- MM-LPS-7h GSM2586705 CELL  
 61- MM-LPS-7h GSM2586705 CELL  
 60- MM-LPS-6h GSM2586702 CELL  
 59- MM-LPS-6h GSM2586702 CELL  
 58- MM-LPS-6h GSM2586699 CELL  
 57- MM-LPS-6h GSM2586699 CELL  
 56- MM-LPS-6h GSM2586694 CELL  
 55- MM-LPS-6h GSM2586694 CELL  
 54- MM-LPS-6h GSM2586694 CELL  
 53- MM-LPS-6h GSM2586694 CELL  
 52- MM-LPS-6h GSM2586694 CELL  
 51- MM-LPS-6h GSM2586694 CELL  
 50- CD8a-DC GSM2586647 CELL  
 49- CD8a-DC GSM2586646 CELL  
 48- CD8a+DC GSM2586646 CELL  
 47- NK-cells GSM2586732 CELL  
 46- NK-cells GSM2586731 CELL  
 45- Mast-cells-IgE+Ad GSM2586718 CELL  
 44- Mast-cells-IgE+Ad GSM2586717 CELL  
 43- Mast-cells-IgE GSM2586714 CELL  
 42- Mast-cells-IgE GSM2586713 CELL  
 41- Mast-cells GSM2586712 CELL  
 40- Mast-cells GSM2586712 CELL  
 39- Granulocytes GSM2586667 CELL  
 38- Granulocytes GSM2586667 CELL  
 37- GMP GSM2586666 CELL  
 36- GMP GSM2586665 CELL  
 35- GMP GSM2586642 CELL  
 34- MIEP GSM2586720 CELL  
 33- MIEP GSM2586719 CELL  
 32- MIEP GSM2586719 CELL  
 31- HSC GSM2586770 CELL  
 30- HSC GSM2586769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116357 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002901 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP001001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-w-M-cells GSM190794 CELL  
 05- CT-y-M-cells GSM190793 CELL  
 04- CT-y-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0159\_High in Peyer's patches (12 nodes)

2,792.1  
2,645.1  
2,498.2  
2,351.2  
2,204.3  
2,057.3  
1,910.4  
1,763.4  
1,616.5  
1,469.5  
1,322.6  
1,175.6  
1,028.7  
881.7  
734.8  
587.8  
440.9  
293.9  
147  
0



130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-Color-d9 GSM1988105 CEL  
125-Color-d9 GSM1988103 CEL  
124-Color-d9 GSM1988102 CEL  
123-Color-d4 GSM1988101 CEL  
122-Color-d4 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258677 CEL  
118-Intestine-small GSM258692 CEL  
117-Lymph-nodes GSM258691 CEL  
116-Lymph-nodes GSM258768 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM241898 CEL  
112-Neuro2a GSM241898 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258656 CEL  
105-Bruce4 GSM258656 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258629 CEL  
102-NH3T3 GSM258739 CEL  
101-NH3T3 GSM258739 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-LT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-PP-FDC GSM481977 CEL  
82-PP-FDC GSM481976 CEL  
81-PP-FDC GSM481976 CEL  
80-LY-RMLNDCC002001 CEL  
79-LY-RMLNDCC002001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258622 CEL  
75-MZ-Bcell GSM258621 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258773 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-MM-LPS-7h GSM258706 CEL  
60-MM-LPS-7h GSM258706 CEL  
59-MM-LPS-6h GSM258702 CEL  
58-MM-LPS-6h GSM258702 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258699 CEL  
55-MM-LPS-6h GSM258694 CEL  
54-MM-LPS-6h GSM258694 CEL  
53-Iasmacryoid-DC GSM258650 CEL  
52-Iasmacryoid-DC GSM258649 CEL  
51-CD8a-DC GSM258648 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258731 CEL  
45-Mast-cells-IgE+Ad GSM258719 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258668 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258665 CEL  
36-GMP GSM258665 CEL  
35-CMP GSM258642 CEL  
34-CMP GSM258642 CEL  
33-MIEP GSM258720 CEL  
32-MIEP GSM258719 CEL  
31-HSC GSM258770 CEL  
30-HSC GSM258769 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-Color-Crypt GSM480375 cel  
20-Color-Crypt GSM480374 cel  
19-Color-Vill GSM480363 cel  
18-Color-Vill GSM480362 cel  
17-Color-IEC-GE GSM349880 CEL  
16-Color-IEC-GE GSM350375 CEL  
15-Ileum-IEC-GE GSM350376 CEL  
14-Ileum-IEC GSM350371 CEL  
13-Small-intestine-epithelium RMINEP002901 CEL  
12-Small-intestine-epithelium RMINEP001001 CEL  
11-FAE-RMPYEP002001 CEL  
10-FAE-RMPYEP001001 CEL  
09-Ileum-IEC GSM190797 CEL  
08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-w-M-cells GSM190794 CEL  
05-CT-w-M-cells GSM190793 CEL  
04-CT-w-M-cells GSM190792 CEL  
03-PP-M-cells GSM190791 CEL  
02-PP-M-cells GSM190790 CEL  
01-PP-M-cells GSM190789 CEL



Cluster0160\_Phagocyte-related (11 nodes)

6,981.1  
6,613.7  
6,246.3  
5,878.8  
5,511.4  
5,144  
4,776.6  
4,409.1  
4,041.7  
3,674.3  
3,306.6  
2,939.4  
2,572  
2,204.6  
1,837.1  
1,469.7  
1,102.3  
734.9  
367.4  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988103 CELL  
124-Color-d9 GSM1988102 CELL  
123-Color-d4 GSM1988101 CELL  
122-Color-d4 GSM1988100 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258678 CELL  
118-Intestine-small GSM258692 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Lymph-nodes GSM258766 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258768 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258729 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481978 CELL  
81-PP-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258622 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258701 CELL  
57-MM-LPS-6h GSM258700 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258699 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Plasmacytoid-DC GSM258650 CELL  
52-Plasmacytoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258664 CELL  
35-GMP GSM258642 CELL  
34-MPEP GSM258641 CELL  
33-MPEP GSM258641 CELL  
32-MPEP GSM258770 CELL  
31-HESC GSM258770 CELL  
30-Bone marrow GSM258628 CELL  
29-Bone marrow GSM258627 CELL  
28-Paneth-cells-GE GSM116358 CELL  
27-Paneth-cells-GE GSM116357 CELL  
26-Paneth-cells-GE GSM116350 CELL  
25-Paneth-cells GSM116350 CELL  
24-Paneth-cells GSM116359 CELL  
23-Paneth-cells GSM318589 CELL  
22-Paneth-cells GSM318590 CELL  
21-Color-Crypt GSM480375 CELL  
20-Color-Crypt GSM480374 CELL  
19-Color-Vill GSM480363 CELL  
18-Color-Vill GSM480362 CELL  
17-Color-IEC-Gf GSM349880 CELL  
16-Color-IEC-Gf GSM350375 CELL  
15-Ileum-IEC-Gf GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-w-M-cells GSM190794 CELL  
05-CT-w-M-cells GSM190793 CELL  
04-CT-y-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0161\_High in haematopoietic cells (11 nodes)

445.5  
422.1  
398.6  
375.2  
351.7  
328.3  
304.8  
281.4  
257.9  
234.5  
211  
187.6  
164.1  
140.7  
117.2  
93.8  
70.3  
46.9  
23.4  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-CD9 GSM1988105.CEL  
125-CD9 GSM1988104.CEL  
124-CD9 GSM1988103.CEL  
123-CD9 GSM1988102.CEL  
122-CD9 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM241898.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258744.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-6h GSM258702.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258699.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258694.CEL  
55-Plasmacytoid-DC GSM258650.CEL  
54-Plasmacytoid-DC GSM258649.CEL  
53-CD8a-DC GSM258647.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a+DC GSM258646.CEL  
49-CD8a+DC GSM258646.CEL  
48-NK-cells GSM258732.CEL  
47-NK-cells GSM258732.CEL  
46-Mast-cells-IgE+Ad GSM258718.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE GSM258714.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM2588720.CEL  
33-MEP GSM2588720.CEL  
32-MEP GSM2588720.CEL  
31-HESC GSM2588770.CEL  
30-HESC GSM2588770.CEL  
29-Bone marrow GSM2588628.CEL  
28-Bone marrow GSM2588627.CEL  
27-paneth-cells-GF GSM116357.CEL  
26-paneth-cells-GF GSM116350.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318589.CEL  
21-CD9 GSM480375.CEL  
20-CD9 GSM480374.CEL  
19-CD9 GSM480363.CEL  
18-CD9 GSM480362.CEL  
17-CD9 GSM349880.CEL  
16-CD9 GSM350375.CEL  
15-CD9 GSM350376.CEL  
14-Intestine-epithelium RMINEP002001.CEL  
13-Intestine-epithelium RMINEP001001.CEL  
12-Intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP001001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190790.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



## Cluster0162\_Uncertain (11 nodes)

110.6  
104.7  
98.9  
93.1  
87.3  
81.5  
75.6  
69.8  
64  
58.2  
52.4  
46.6  
40.7  
34.9  
29.1  
23.3  
17.5  
11.6  
5.8  
0



130-NALT GSM289411.CELL  
129-NALT GSM289410.CELL  
128-NALT GSM289409.CELL  
127-NALT GSM289408.CELL  
126-Column-d9 GSM1988105.CELL  
125-Column-d9 GSM1988104.CELL  
124-Column-d9 GSM1988103.CELL  
123-Column-d4 GSM1988102.CELL  
122-Column-d4 GSM1988101.CELL  
121-Intestine-large GSM258676.CELL  
120-Intestine-large GSM258675.CELL  
119-Intestine-small GSM258678.CELL  
118-Intestine-small GSM258692.CELL  
117-Lymph-nodes GSM258691.CELL  
116-Lymph-nodes GSM258726.CELL  
115-Spleen GSM258767.CELL  
114-Spleen GSM258767.CELL  
113-Neuro2a GSM258728.CELL  
112-Neuro2a GSM258727.CELL  
111-Astrocytes GSM241898.CELL  
110-mim6 GSM258726.CELL  
109-mim6 GSM258725.CELL  
108-MIMCD3 GSM258724.CELL  
107-MIMCD3 GSM258723.CELL  
106-Bruce4 GSM258656.CELL  
105-Bruce4 GSM258656.CELL  
104-C2C12 GSM258690.CELL  
103-C2C12 GSM258629.CELL  
102-NH3T3 GSM258730.CELL  
101-NH3T3 GSM258729.CELL  
100-3T3-L1 GSM258610.CELL  
99-3T3-L1 GSM258609.CELL  
98-10T12 GSM258632.CELL  
97-10T12 GSM258631.CELL  
96-Osteoblast-d21 GSM258740.CELL  
95-Osteoblast-d21 GSM258739.CELL  
94-Osteoblast-d14 GSM258738.CELL  
93-Osteoblast-d14 GSM258737.CELL  
92-Osteoblast-d5 GSM258742.CELL  
91-Osteoblast-d5 GSM258741.CELL  
90-Chondrocytes GSM266741.CELL  
89-Chondrocytes GSM266740.CELL  
88-Nat Helper cell GSM465594.CELL  
87-Nat Helper cell GSM465593.CELL  
86-TT cell GSM465596.CELL  
85-MS-1 GSM234692.CELL  
84-Lymph-endo-cells GSM143704.CELL  
83-PP-FDC GSM481977.CELL  
82-PP-FDC GSM481978.CELL  
81-PP-FDC GSM481976.CELL  
80-F-LY RMLNDCC003001.CELL  
79-F-LY RMLNDCC003001.CELL  
78-Follicular-Bcells GSM258664.CELL  
77-Follicular-Bcells GSM258663.CELL  
76-MZ-Bcell GSM258627.CELL  
75-MZ-Bcell GSM258627.CELL  
74-BAF3 GSM258620.CELL  
73-BAF3 GSM258619.CELL  
72-Tregs GSM258778.CELL  
71-Tregs GSM258777.CELL  
70-T-cells-CD8+ GSM258776.CELL  
69-T-cells-CD8+ GSM258774.CELL  
68-T-cells-CD4+ GSM258773.CELL  
67-T-cells-CD4+ GSM258773.CELL  
66-Thymocyte-DN GSM465595.CELL  
65-Osteoclasts GSM258743.CELL  
64-Osteoclasts GSM258743.CELL  
63-Microglia GSM258721.CELL  
62-Microglia GSM258721.CELL  
61-PM-M-PS-7h GSM258706.CELL  
60-PM-M-PS-7h GSM258705.CELL  
59-PM-M-PS-6h GSM258702.CELL  
58-PM-M-PS-6h GSM258701.CELL  
57-BMM-LPS-6h GSM258699.CELL  
56-BMM-LPS-6h GSM258699.CELL  
55-BMM-LPS-6h GSM258699.CELL  
54-BMM-LPS-6h GSM258699.CELL  
53-Plasmacytoid-DC GSM258650.CELL  
52-Plasmacytoid-DC GSM258649.CELL  
51-CD8a-DC GSM258648.CELL  
50-CD8a-DC GSM258647.CELL  
49-CD8a+DC GSM258646.CELL  
48-CD8a+DC GSM258646.CELL  
47-NK-cells GSM258732.CELL  
46-NK-cells GSM258731.CELL  
45-Mast-cells-IgE+Ad GSM258718.CELL  
44-Mast-cells-IgE+Ad GSM258717.CELL  
43-Mast-cells-IgE GSM258714.CELL  
42-Mast-cells-IgE GSM258713.CELL  
41-Mast-cells GSM258712.CELL  
40-Granulocytes GSM258668.CELL  
39-Granulocytes GSM258667.CELL  
38-GMP GSM258666.CELL  
37-GMP GSM258666.CELL  
36-GMP GSM258666.CELL  
35-GMP GSM258642.CELL  
34-GMP GSM258641.CELL  
33-MEP GSM258720.CELL  
32-MEP GSM258719.CELL  
31-HESC GSM258770.CELL  
30-HESC GSM258770.CELL  
29-Bone marrow GSM258628.CELL  
28-Bone marrow GSM258627.CELL  
27-paneth-cells-GF GSM116357.CELL  
26-paneth-cells-GF GSM116350.CELL  
25-paneth-cells GSM116350.CELL  
24-paneth-cells GSM116359.CELL  
23-paneth-cells GSM318589.CELL  
22-paneth-cells GSM318590.CELL  
21-Column-Crypt GSM480375.CELL  
20-Column-Crypt GSM480374.CELL  
19-Column-Vill GSM480363.CELL  
18-Column-Vill GSM480362.CELL  
17-Column-IEC-GF GSM349880.CELL  
16-Column-IEC-GF GSM350375.CELL  
15-Ileum-IEC-GF GSM350376.CELL  
14-Ileum-IEC GSM350371.CELL  
13-Small-intestine-epithelium RMINEP002001.CELL  
12-Small-intestine-epithelium RMINEP001001.CELL  
11-FAE-RMPYEP002001.CELL  
10-FAE-RMPYEP001001.CELL  
09-Ileum-IEC GSM190797.CELL  
08-Ileum-IEC GSM190796.CELL  
07-Ileum-IEC GSM190795.CELL  
06-CT-v-M-cells GSM190794.CELL  
05-CT-v-M-cells GSM190793.CELL  
04-CT-v-M-cells GSM190792.CELL  
03-PP-M-cells GSM190791.CELL  
02-PP-M-cells GSM190790.CELL  
01-PP-M-cells GSM190789.CELL

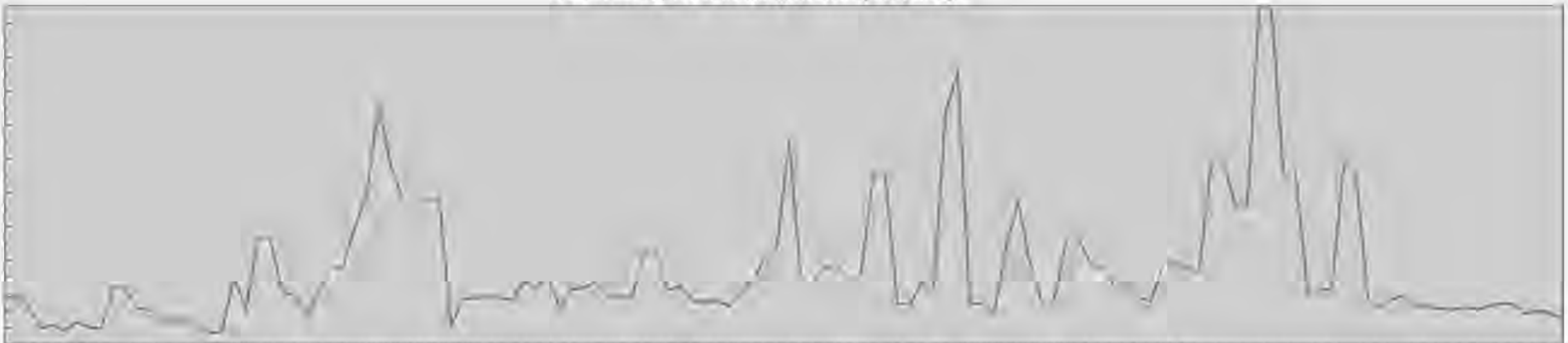






### Cluster0164\_House keeping-nucleus (11 nodes)

1,775.6  
1,682.1  
1,588.6  
1,495.2  
1,401.7  
1,308.3  
1,214.8  
1,121.4  
1,027.9  
934.5  
841  
747.8  
654.1  
560.7  
467.2  
373.8  
280.3  
186.9  
93.4  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-Y-M-cells\_GSM190792.CEL  
 05-CT-Y-M-cells\_GSM190793.CEL  
 06-CT-W-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYE001001.CEL  
 11-FAE-RMPYE002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Colon-IEC-Gf\_GSM350375.CEL  
 16-Colon-VIII\_GSM480362.CEL  
 17-Colon-VIII\_GSM480363.CEL  
 18-Colon-VIII\_GSM480364.CEL  
 19-Colon-VIII\_GSM480365.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116350.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116358.CEL  
 28-Paneth-cells-Gf-1\_GSM116359.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-Granulocytes\_GSM258667.CEL  
 31-MMP-GSM258665.CEL  
 32-MMP-GSM258666.CEL  
 33-MMP-GSM258667.CEL  
 34-MMP-GSM258668.CEL  
 35-MMP-GSM258669.CEL  
 36-MMP-GSM258670.CEL  
 37-MMP-GSM258671.CEL  
 38-MMP-GSM258672.CEL  
 39-MMP-GSM258673.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells-Gf-GSM258713.CEL  
 42-Mast-cells-Gf-GSM258714.CEL  
 43-Mast-cells-Gf-GSM258715.CEL  
 44-Mast-cells-Gf-GSM258716.CEL  
 45-Mast-cells-Gf-GSM258717.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells-GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258647.CEL  
 50-CD8a+DC\_GSM258648.CEL  
 51-CD8a+DC\_GSM258649.CEL  
 52-CD8a+DC\_GSM258650.CEL  
 53-CD8a+DC\_GSM258651.CEL  
 54-CD8a+DC\_GSM258652.CEL  
 55-CD8a+DC\_GSM258653.CEL  
 56-CD8a+DC\_GSM258654.CEL  
 57-CD8a+DC\_GSM258655.CEL  
 58-CD8a+DC\_GSM258656.CEL  
 59-CD8a+DC\_GSM258657.CEL  
 60-CD8a+DC\_GSM258658.CEL  
 61-CD8a+DC\_GSM258659.CEL  
 62-CD8a+DC\_GSM258660.CEL  
 63-CD8a+DC\_GSM258661.CEL  
 64-CD8a+DC\_GSM258662.CEL  
 65-CD8a+DC\_GSM258663.CEL  
 66-CD8a+DC\_GSM258664.CEL  
 67-CD8a+DC\_GSM258665.CEL  
 68-CD8a+DC\_GSM258666.CEL  
 69-CD8a+DC\_GSM258667.CEL  
 70-CD8a+DC\_GSM258668.CEL  
 71-CD8a+DC\_GSM258669.CEL  
 72-CD8a+DC\_GSM258670.CEL  
 73-CD8a+DC\_GSM258671.CEL  
 74-CD8a+DC\_GSM258672.CEL  
 75-CD8a+DC\_GSM258673.CEL  
 76-CD8a+DC\_GSM258674.CEL  
 77-CD8a+DC\_GSM258675.CEL  
 78-CD8a+DC\_GSM258676.CEL  
 79-CD8a+DC\_GSM258677.CEL  
 80-CD8a+DC\_GSM258678.CEL  
 81-CD8a+DC\_GSM258679.CEL  
 82-CD8a+DC\_GSM258680.CEL  
 83-CD8a+DC\_GSM258681.CEL  
 84-CD8a+DC\_GSM258682.CEL  
 85-CD8a+DC\_GSM258683.CEL  
 86-CD8a+DC\_GSM258684.CEL  
 87-CD8a+DC\_GSM258685.CEL  
 88-CD8a+DC\_GSM258686.CEL  
 89-CD8a+DC\_GSM258687.CEL  
 90-CD8a+DC\_GSM258688.CEL  
 91-CD8a+DC\_GSM258689.CEL  
 92-CD8a+DC\_GSM258690.CEL  
 93-CD8a+DC\_GSM258691.CEL  
 94-CD8a+DC\_GSM258692.CEL  
 95-CD8a+DC\_GSM258693.CEL  
 96-CD8a+DC\_GSM258694.CEL  
 97-CD8a+DC\_GSM258695.CEL  
 98-CD8a+DC\_GSM258696.CEL  
 99-CD8a+DC\_GSM258697.CEL  
 100-CD8a+DC\_GSM258698.CEL  
 101-CD8a+DC\_GSM258699.CEL  
 102-CD8a+DC\_GSM258700.CEL  
 103-CD8a+DC\_GSM258701.CEL  
 104-CD8a+DC\_GSM258702.CEL  
 105-CD8a+DC\_GSM258703.CEL  
 106-CD8a+DC\_GSM258704.CEL  
 107-CD8a+DC\_GSM258705.CEL  
 108-CD8a+DC\_GSM258706.CEL  
 109-CD8a+DC\_GSM258707.CEL  
 110-CD8a+DC\_GSM258708.CEL  
 111-CD8a+DC\_GSM258709.CEL  
 112-CD8a+DC\_GSM258710.CEL  
 113-CD8a+DC\_GSM258711.CEL  
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 120-CD8a+DC\_GSM258718.CEL  
 121-CD8a+DC\_GSM258719.CEL  
 122-CD8a+DC\_GSM258720.CEL  
 123-CD8a+DC\_GSM258721.CEL  
 124-CD8a+DC\_GSM258722.CEL  
 125-CD8a+DC\_GSM258723.CEL  
 126-CD8a+DC\_GSM258724.CEL  
 127-CD8a+DC\_GSM258725.CEL  
 128-CD8a+DC\_GSM258726.CEL  
 129-CD8a+DC\_GSM258727.CEL  
 130-CD8a+DC\_GSM258728.CEL  
 131-CD8a+DC\_GSM258729.CEL  
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 149-CD8a+DC\_GSM258747.CEL  
 150-CD8a+DC\_GSM258748.CEL  
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 152-CD8a+DC\_GSM258750.CEL  
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 155-CD8a+DC\_GSM258753.CEL  
 156-CD8a+DC\_GSM258754.CEL  
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 161-CD8a+DC\_GSM258759.CEL  
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 163-CD8a+DC\_GSM258761.CEL  
 164-CD8a+DC\_GSM258762.CEL  
 165-CD8a+DC\_GSM258763.CEL  
 166-CD8a+DC\_GSM258764.CEL  
 167-CD8a+DC\_GSM258765.CEL  
 168-CD8a+DC\_GSM258766.CEL  
 169-CD8a+DC\_GSM258767.CEL  
 170-CD8a+DC\_GSM258768.CEL  
 171-CD8a+DC\_GSM258769.CEL  
 172-CD8a+DC\_GSM258770.CEL  
 173-CD8a+DC\_GSM258771.CEL  
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 184-CD8a+DC\_GSM258782.CEL  
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 186-CD8a+DC\_GSM258784.CEL  
 187-CD8a+DC\_GSM258785.CEL  
 188-CD8a+DC\_GSM258786.CEL  
 189-CD8a+DC\_GSM258787.CEL  
 190-CD8a+DC\_GSM258788.CEL  
 191-CD8a+DC\_GSM258789.CEL  
 192-CD8a+DC\_GSM258790.CEL  
 193-CD8a+DC\_GSM258791.CEL  
 194-CD8a+DC\_GSM258792.CEL  
 195-CD8a+DC\_GSM258793.CEL  
 196-CD8a+DC\_GSM258794.CEL  
 197-CD8a+DC\_GSM258795.CEL  
 198-CD8a+DC\_GSM258796.CEL  
 199-CD8a+DC\_GSM258797.CEL  
 200-CD8a+DC\_GSM258798.CEL



## Cluster0165\_Mesenchyme-related/extracellular matrix (11 nodes)

909  
861.1  
813.3  
765.4  
717.6  
669.8  
621.9  
574.1  
526.2  
478.4  
430.6  
382.7  
334.9  
287  
239.2  
191.4  
143.5  
95.7  
47.8  
0

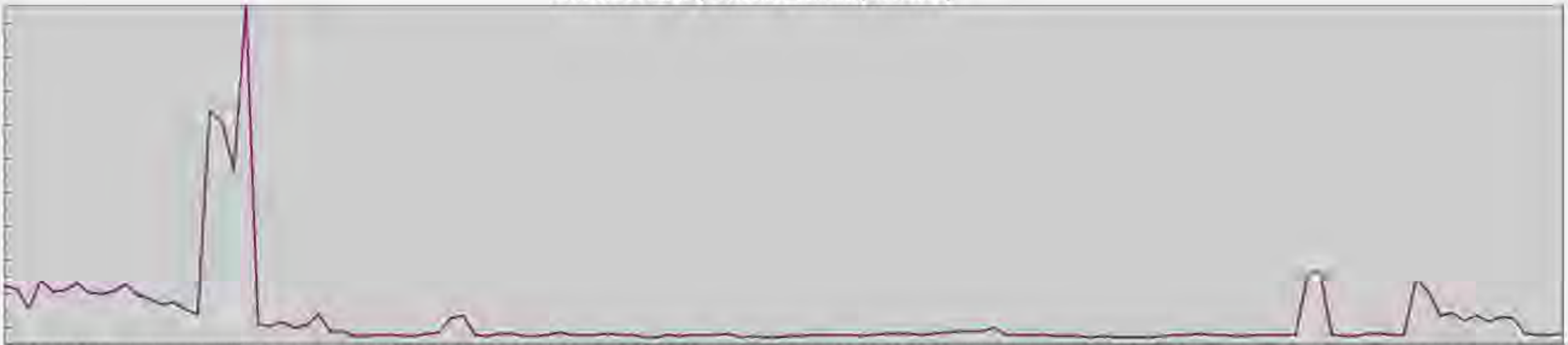


01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM350376.CEL  
 17-Colon-IEC-Gf\_GSM349880.CEL  
 18-Colon-Vill-GSM480362.CEL  
 19-Colon-Vill-GSM480363.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1-GSM116357.CEL  
 27-Paneth-cells-Gf-1-GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258771.CEL  
 33-MEP\_GSM258771.CEL  
 34-MEP\_GSM258771.CEL  
 35-MEP\_GSM258771.CEL  
 36-MEP\_GSM258771.CEL  
 37-MEP\_GSM258771.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-Gf-GSM258713.CEL  
 43-Mast-cells-Gf-GSM258713.CEL  
 44-Mast-cells-Gf-GSM258713.CEL  
 45-Mast-cells-Gf-GSM258713.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a+DC\_GSM258647.CEL  
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 59-CD8a+DC\_GSM258647.CEL  
 60-CD8a+DC\_GSM258647.CEL  
 61-CD8a+DC\_GSM258647.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Microglia\_GSM258721.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Osteoclasts\_GSM258743.CEL  
 67-Thymocyte-DN\_GSM465595.CEL  
 68-Thymocyte-DN\_GSM465595.CEL  
 69-T-cells-CD4+\_GSM258773.CEL  
 70-T-cells-CD4+\_GSM258773.CEL  
 71-T-cells-CD8+\_GSM258776.CEL  
 72-T-cells-CD8+\_GSM258776.CEL  
 73-Tregs\_GSM258778.CEL  
 74-Tregs\_GSM258778.CEL  
 75-Tregs\_GSM258778.CEL  
 76-Tregs\_GSM258778.CEL  
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 98-Tregs\_GSM258778.CEL  
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 100-Tregs\_GSM258778.CEL  
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 128-Tregs\_GSM258778.CEL  
 129-Tregs\_GSM258778.CEL  
 130-Tregs\_GSM258778.CEL



Cluster0166\_Large intestine-related (11 nodes)

1,425.8  
1,350.8  
1,275.7  
1,200.7  
1,125.6  
1,050.6  
975.6  
900.5  
825.5  
750.4  
675.4  
600.3  
525.3  
450.3  
375.2  
300.2  
225.1  
150.1  
75  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-EC\_GSM190795.CEL  
 08-Ileum-EC\_GSM190796.CEL  
 09-Ileum-EC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-EC\_GSM350371.CEL  
 15-Ileum-EC\_GSM350375.CEL  
 16-Color-EC\_GSM350376.CEL  
 17-Color-EC\_GSM349880.CEL  
 18-Color-Vill\_GSM480362.CEL  
 19-Color-Vill\_GSM480363.CEL  
 20-Color-Crypt\_GSM480374.CEL  
 21-Color-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318591.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-GF-1-GSM116357.CEL  
 27-Paneth-cells-GF-1-GSM116358.CEL  
 28-Paneth-cells-GF-1-GSM116357.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258771.CEL  
 32-MEP\_GSM258772.CEL  
 33-MEP\_GSM258773.CEL  
 34-MEP\_GSM258774.CEL  
 35-MEP\_GSM258775.CEL  
 36-MEP\_GSM258776.CEL  
 37-MEP\_GSM258777.CEL  
 38-MEP\_GSM258778.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258713.CEL  
 42-Mast-cells-IdU+Ad-GSM258714.CEL  
 43-Mast-cells-IdU+Ad-GSM258714.CEL  
 44-Mast-cells-IdU+Ad-GSM258714.CEL  
 45-Mast-cells-IdU+Ad-GSM258718.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h-GSM258700.CEL  
 57-BMM-LPS-6h-GSM258700.CEL  
 58-BMM-LPS-7h-GSM258702.CEL  
 59-BMM-LPS-7h-GSM258702.CEL  
 60-PP-7h-GSM258706.CEL  
 61-PP-7h-GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258773.CEL  
 69-T-cells-CD8+GSM258775.CEL  
 70-T-cells-CD8+GSM258775.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258620.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258622.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-F-LY-RMLNDC002001.CEL  
 80-F-LY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
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 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
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 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 106-Bruce4\_GSM258690.CEL  
 107-MIMCD3\_GSM258724.CEL  
 108-MIMCD3\_GSM258724.CEL  
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 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258768.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
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 118-Intestine-small\_GSM258677.CEL  
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 120-Intestine-large\_GSM258675.CEL  
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 122-Intestine-large\_GSM258676.CEL  
 123-Intestine-large\_GSM258676.CEL  
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 125-Intestine-large\_GSM258677.CEL  
 126-Intestine-large\_GSM258678.CEL  
 127-Intestine-large\_GSM258678.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL  
 131-Intestine-large\_GSM258675.CEL  
 132-Intestine-large\_GSM258675.CEL  
 133-Intestine-large\_GSM258676.CEL  
 134-Intestine-large\_GSM258676.CEL  
 135-Intestine-large\_GSM258677.CEL  
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 145-Intestine-large\_GSM258682.CEL  
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 147-Intestine-large\_GSM258683.CEL  
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 149-Intestine-large\_GSM258684.CEL  
 150-Intestine-large\_GSM258684.CEL  
 151-Intestine-large\_GSM258685.CEL  
 152-Intestine-large\_GSM258685.CEL  
 153-Intestine-large\_GSM258686.CEL  
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 159-Intestine-large\_GSM258689.CEL  
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 161-Intestine-large\_GSM258690.CEL  
 162-Intestine-large\_GSM258690.CEL  
 163-Intestine-large\_GSM258691.CEL  
 164-Intestine-large\_GSM258691.CEL  
 165-Intestine-large\_GSM258692.CEL  
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 169-Intestine-large\_GSM258694.CEL  
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 172-Intestine-large\_GSM258695.CEL  
 173-Intestine-large\_GSM258696.CEL  
 174-Intestine-large\_GSM258696.CEL  
 175-Intestine-large\_GSM258697.CEL  
 176-Intestine-large\_GSM258697.CEL  
 177-Intestine-large\_GSM258698.CEL  
 178-Intestine-large\_GSM258698.CEL  
 179-Intestine-large\_GSM258699.CEL  
 180-Intestine-large\_GSM258699.CEL  
 181-Intestine-large\_GSM258700.CEL  
 182-Intestine-large\_GSM258700.CEL  
 183-Intestine-large\_GSM258701.CEL  
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 187-Intestine-large\_GSM258703.CEL  
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 189-Intestine-large\_GSM258704.CEL  
 190-Intestine-large\_GSM258704.CEL  
 191-Intestine-large\_GSM258705.CEL  
 192-Intestine-large\_GSM258705.CEL  
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 195-Intestine-large\_GSM258707.CEL  
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 197-Intestine-large\_GSM258708.CEL  
 198-Intestine-large\_GSM258708.CEL  
 199-Intestine-large\_GSM258709.CEL  
 200-Intestine-large\_GSM258709.CEL



Cluster0167\_Uncertain (11 nodes)

1,036.2  
981.6  
927.1  
872.5  
818  
763.5  
708.9  
654.4  
599.9  
545.3  
490.8  
436.3  
381.7  
327.2  
272.7  
218.1  
163.6  
109.1  
54.5  
0



01-PP-M-cells_GSM190789.CEL	130-NALT_GSM289411.CEL
02-PP-M-cells_GSM190790.CEL	129-NALT_GSM289410.CEL
03-PP-M-cells_GSM190791.CEL	128-NALT_GSM289409.CEL
04-CT-v-M-cells_GSM190792.CEL	127-NALT_GSM289408.CEL
05-CT-v-M-cells_GSM190793.CEL	126-Colon-d9-GSM1988105.CEL
06-CT-v-M-cells_GSM190794.CEL	125-Colon-d9-GSM1988104.CEL
07-Ileum-IEC_GSM190795.CEL	124-Colon-d9-GSM1988103.CEL
08-Ileum-IEC_GSM190796.CEL	123-Colon-d4-GSM1988102.CEL
09-Ileum-IEC_GSM190797.CEL	122-Intestine-large_GSM258676.CEL
10-FAE-RMPYEP001001.CEL	121-Intestine-large_GSM258675.CEL
11-FAE-RMPYEP002001.CEL	120-Intestine-small_GSM258678.CEL
12-Small-intestine-epithelium_RMINEP001001.CEL	119-Intestine-small_GSM258692.CEL
13-Small-intestine-epithelium_RMINEP002001.CEL	118-Lymph-nodes_GSM258691.CEL
14-Ileum-IEC_GSM350371.CEL	117-Lymph-nodes_GSM258726.CEL
15-Ileum-IEC_GSM350375.CEL	116-Spleen_GSM258768.CEL
16-Intestine-IEC_GSM349880.CEL	115-Spleen_GSM258767.CEL
17-Intestine-IEC_GSM350375.CEL	114-Neuro2a_GSM258728.CEL
18-Intestine-IEC_GSM350375.CEL	113-Neuro2a_GSM258727.CEL
19-Intestine-IEC_GSM350375.CEL	112-Astrocytes_GSM241898.CEL
20-Intestine-IEC_GSM350375.CEL	111-Astrocytes_GSM241898.CEL
21-Intestine-IEC_GSM350375.CEL	110-mim6_GSM258725.CEL
22-Intestine-IEC_GSM350375.CEL	109-mim6_GSM258725.CEL
23-Intestine-IEC_GSM350375.CEL	108-MIMCD3_GSM258724.CEL
24-Intestine-IEC_GSM350375.CEL	107-MIMCD3_GSM258723.CEL
25-Intestine-IEC_GSM350375.CEL	106-Bruce4-GSM258656.CEL
26-Intestine-IEC_GSM350375.CEL	105-Bruce4-GSM258655.CEL
27-Intestine-IEC_GSM350375.CEL	104-C2C12-GSM258690.CEL
28-Intestine-IEC_GSM350375.CEL	103-C2C12-GSM258689.CEL
29-Intestine-IEC_GSM350375.CEL	102-NH3T3-GSM258739.CEL
30-Intestine-IEC_GSM350375.CEL	101-NH3T3-GSM258739.CEL
31-Intestine-IEC_GSM350375.CEL	100-3T3-L1_GSM258610.CEL
32-Intestine-IEC_GSM350375.CEL	99-3T3-L1_GSM258609.CEL
33-Intestine-IEC_GSM350375.CEL	98-10T12-GSM258632.CEL
34-Intestine-IEC_GSM350375.CEL	97-10T12-GSM258631.CEL
35-Intestine-IEC_GSM350375.CEL	96-Osteoblast-d21-GSM258740.CEL
36-Intestine-IEC_GSM350375.CEL	95-Osteoblast-d21-GSM258739.CEL
37-Intestine-IEC_GSM350375.CEL	94-Osteoblast-d14-GSM258738.CEL
38-Intestine-IEC_GSM350375.CEL	93-Osteoblast-d14-GSM258737.CEL
39-Intestine-IEC_GSM350375.CEL	92-Osteoblast-d5-GSM258742.CEL
40-Intestine-IEC_GSM350375.CEL	91-Osteoblast-d5-GSM258741.CEL
41-Intestine-IEC_GSM350375.CEL	90-Chondrocytes_GSM266741.CEL
42-Intestine-IEC_GSM350375.CEL	89-Nat Helper cell_GSM465594.CEL
43-Intestine-IEC_GSM350375.CEL	88-Nat Helper cell_GSM465593.CEL
44-Intestine-IEC_GSM350375.CEL	87-LT cell_GSM465596.CEL
45-Intestine-IEC_GSM350375.CEL	86-LT cell_GSM465596.CEL
46-Intestine-IEC_GSM350375.CEL	85-MS-1_GSM234692.CEL
47-Intestine-IEC_GSM350375.CEL	84-Lymph-endo-cells_GSM143704.CEL
48-Intestine-IEC_GSM350375.CEL	83-PP-FDC_GSM481978.CEL
49-Intestine-IEC_GSM350375.CEL	82-PP-FDC_GSM481978.CEL
50-Intestine-IEC_GSM350375.CEL	81-PP-FDC_GSM481978.CEL
51-Intestine-IEC_GSM350375.CEL	80-LY-RMLNDC002001.CEL
52-Intestine-IEC_GSM350375.CEL	79-LY-RMLNDC002001.CEL
53-Intestine-IEC_GSM350375.CEL	78-Follicular-B-cells_GSM258664.CEL
54-Intestine-IEC_GSM350375.CEL	77-Follicular-B-cells_GSM258664.CEL
55-Intestine-IEC_GSM350375.CEL	76-MZ-Bcell_GSM258622.CEL
56-Intestine-IEC_GSM350375.CEL	75-MZ-Bcell_GSM258621.CEL
57-Intestine-IEC_GSM350375.CEL	74-BAF3_GSM258620.CEL
58-Intestine-IEC_GSM350375.CEL	73-BAF3_GSM258619.CEL
59-Intestine-IEC_GSM350375.CEL	72-Tregs_GSM258778.CEL
60-Intestine-IEC_GSM350375.CEL	71-Tregs_GSM258777.CEL
61-Intestine-IEC_GSM350375.CEL	70-T-cells-CD8+GSM258776.CEL
62-Intestine-IEC_GSM350375.CEL	69-T-cells-CD8+GSM258774.CEL
63-Intestine-IEC_GSM350375.CEL	68-T-cells-CD4+GSM258773.CEL
64-Intestine-IEC_GSM350375.CEL	67-T-cells-CD4+GSM258744.CEL
65-Intestine-IEC_GSM350375.CEL	66-Thymocyte-DN_GSM465595.CEL
66-Intestine-IEC_GSM350375.CEL	65-Osteoclasts_GSM258743.CEL
67-Intestine-IEC_GSM350375.CEL	64-Microglia_GSM258721.CEL
68-Intestine-IEC_GSM350375.CEL	63-Microglia_GSM258721.CEL
69-Intestine-IEC_GSM350375.CEL	62-MM-PS-7h_GSM268706.CEL
70-Intestine-IEC_GSM350375.CEL	61-MM-PS-7h_GSM268706.CEL
71-Intestine-IEC_GSM350375.CEL	60-MM-PS-6h_GSM268700.CEL
72-Intestine-IEC_GSM350375.CEL	59-MM-PS-6h_GSM268699.CEL
73-Intestine-IEC_GSM350375.CEL	58-MM-LPS-6h_GSM268699.CEL
74-Intestine-IEC_GSM350375.CEL	57-MM-LPS-6h_GSM268699.CEL
75-Intestine-IEC_GSM350375.CEL	56-MM-LPS-6h_GSM268699.CEL
76-Intestine-IEC_GSM350375.CEL	55-MM-LPS-6h_GSM268699.CEL
77-Intestine-IEC_GSM350375.CEL	54-MM-LPS-6h_GSM268699.CEL
78-Intestine-IEC_GSM350375.CEL	53-MM-LPS-6h_GSM268699.CEL
79-Intestine-IEC_GSM350375.CEL	52-MM-LPS-6h_GSM268699.CEL
80-Intestine-IEC_GSM350375.CEL	51-MM-LPS-6h_GSM268699.CEL
81-Intestine-IEC_GSM350375.CEL	50-MM-LPS-6h_GSM268699.CEL
82-Intestine-IEC_GSM350375.CEL	49-CD8a+DC_GSM258646.CEL
83-Intestine-IEC_GSM350375.CEL	48-CD8a+DC_GSM258646.CEL
84-Intestine-IEC_GSM350375.CEL	47-NK-cells_GSM258732.CEL
85-Intestine-IEC_GSM350375.CEL	46-NK-cells_GSM258731.CEL
86-Intestine-IEC_GSM350375.CEL	45-Mast-cells-IgE+Ad-GSM258719.CEL
87-Intestine-IEC_GSM350375.CEL	44-Mast-cells-IgE+Ad-GSM258717.CEL
88-Intestine-IEC_GSM350375.CEL	43-Mast-cells-IgE-GSM258714.CEL
89-Intestine-IEC_GSM350375.CEL	42-Mast-cells-IgE-GSM258713.CEL
90-Intestine-IEC_GSM350375.CEL	41-Mast-cells-GSM258712.CEL
91-Intestine-IEC_GSM350375.CEL	40-Granulocytes_GSM258668.CEL
92-Intestine-IEC_GSM350375.CEL	39-Granulocytes_GSM258667.CEL
93-Intestine-IEC_GSM350375.CEL	38-GMP_GSM258666.CEL
94-Intestine-IEC_GSM350375.CEL	37-GMP_GSM258666.CEL
95-Intestine-IEC_GSM350375.CEL	36-GMP_GSM258666.CEL
96-Intestine-IEC_GSM350375.CEL	35-GMP_GSM258666.CEL
97-Intestine-IEC_GSM350375.CEL	34-MEP-GSM258642.CEL
98-Intestine-IEC_GSM350375.CEL	33-MEP-GSM258642.CEL
99-Intestine-IEC_GSM350375.CEL	32-MEP-GSM258642.CEL
100-Intestine-IEC_GSM350375.CEL	31-MEP-GSM258642.CEL
101-Intestine-IEC_GSM350375.CEL	30-HSC_GSM258770.CEL
102-Intestine-IEC_GSM350375.CEL	29-HSC_GSM258770.CEL
103-Intestine-IEC_GSM350375.CEL	28-Bone marrow_GSM258628.CEL
104-Intestine-IEC_GSM350375.CEL	27-Bone marrow_GSM258627.CEL
105-Intestine-IEC_GSM350375.CEL	26-Paneth-cells-GE-GSM116357.CEL
106-Intestine-IEC_GSM350375.CEL	25-Paneth-cells-GE-GSM116357.CEL
107-Intestine-IEC_GSM350375.CEL	24-Paneth-cells-GE-GSM116359.CEL
108-Intestine-IEC_GSM350375.CEL	23-Paneth-cells-GE-GSM116359.CEL
109-Intestine-IEC_GSM350375.CEL	22-Paneth-cells-GE-GSM116359.CEL
110-Intestine-IEC_GSM350375.CEL	21-Intestine-IEC_GSM480375.CEL
111-Intestine-IEC_GSM350375.CEL	20-Intestine-IEC_GSM480375.CEL
112-Intestine-IEC_GSM350375.CEL	19-Intestine-IEC_GSM480375.CEL
113-Intestine-IEC_GSM350375.CEL	18-Intestine-IEC_GSM480375.CEL
114-Intestine-IEC_GSM350375.CEL	17-Intestine-IEC_GSM480375.CEL
115-Intestine-IEC_GSM350375.CEL	16-Intestine-IEC_GSM480375.CEL
116-Intestine-IEC_GSM350375.CEL	15-Intestine-IEC_GSM480375.CEL
117-Intestine-IEC_GSM350375.CEL	14-Intestine-IEC_GSM480375.CEL
118-Intestine-IEC_GSM350375.CEL	13-Intestine-IEC_GSM480375.CEL
119-Intestine-IEC_GSM350375.CEL	12-Intestine-IEC_GSM480375.CEL
120-Intestine-IEC_GSM350375.CEL	11-Intestine-IEC_GSM480375.CEL
121-Intestine-IEC_GSM350375.CEL	10-Intestine-IEC_GSM480375.CEL
122-Intestine-IEC_GSM350375.CEL	9-Intestine-IEC_GSM480375.CEL
123-Intestine-IEC_GSM350375.CEL	8-Intestine-IEC_GSM480375.CEL
124-Intestine-IEC_GSM350375.CEL	7-Intestine-IEC_GSM480375.CEL
125-Intestine-IEC_GSM350375.CEL	6-Intestine-IEC_GSM480375.CEL
126-Intestine-IEC_GSM350375.CEL	5-Intestine-IEC_GSM480375.CEL
127-Intestine-IEC_GSM350375.CEL	4-Intestine-IEC_GSM480375.CEL
128-Intestine-IEC_GSM350375.CEL	3-Intestine-IEC_GSM480375.CEL
129-Intestine-IEC_GSM350375.CEL	2-Intestine-IEC_GSM480375.CEL
130-Intestine-IEC_GSM350375.CEL	1-Intestine-IEC_GSM480375.CEL



Cluster0168\_High in classical DC (11 nodes)

317.3  
300.6  
283.9  
267.2  
250.5  
233.8  
217.1  
200.4  
183.7  
167  
150.3  
133.6  
116.9  
100.2  
83.5  
66.8  
50.1  
33.4  
16.7  
0



30	NALT	GSM289411	CEL
129	NALT	GSM289410	CEL
128	NALT	GSM289409	CEL
127	NALT	GSM289408	CEL
126	Colon-d9	GSM1988104	CEL
125	Colon-d9	GSM1988103	CEL
124	Colon-d9	GSM1988102	CEL
123	Colon-d4	GSM1988101	CEL
122	Colon-d4	GSM1988100	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258674	CEL
118	Intestine-small	GSM258673	CEL
117	Lymph-nodes	GSM258672	CEL
116	Spleen	GSM258671	CEL
115	Spleen	GSM258670	CEL
114	Neuro2a	GSM258669	CEL
113	Neuro2a	GSM258668	CEL
112	Astrocytes	GSM241898	CEL
111	ming6	GSM258667	CEL
110	ming6	GSM258666	CEL
109	ming6	GSM258665	CEL
108	MIMCD3	GSM258664	CEL
107	MIMCD3	GSM258663	CEL
106	Bruce4	GSM258662	CEL
105	Bruce4	GSM258661	CEL
104	C2C12	GSM258660	CEL
103	C2C12	GSM258659	CEL
102	NH3T3	GSM258739	CEL
101	NH3T3	GSM258738	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T1/2	GSM258632	CEL
97	10T1/2	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	E-LY	RMLNDC003001	CEL
79	E-LY	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258622	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	T-cells-CD8+	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD4+	GSM258774	CEL
68	T-cells-CD4+	GSM258773	CEL
67	T-cells-CD4+	GSM258744	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258743	CEL
64	Osteoclasts	GSM258743	CEL
63	Microglia	GSM258721	CEL
62	Microglia	GSM258721	CEL
61	PM-M-PS-7h	GSM258706	CEL
60	PM-M-PS-7h	GSM258705	CEL
59	PM-M-PS-6h	GSM258702	CEL
58	PM-M-PS-6h	GSM258700	CEL
57	PM-M-PS-6h	GSM258699	CEL
56	PM-M-PS-6h	GSM258694	CEL
55	PM-M-PS-6h	GSM258694	CEL
54	PM-M-PS-6h	GSM258694	CEL
53	PM-M-PS-6h	GSM258694	CEL
52	PM-M-PS-6h	GSM258694	CEL
51	PM-M-PS-6h	GSM258694	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258646	CEL
48	CD8a+DC	GSM258646	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258719	CEL
44	Mast-cells-IgE+Ad	GSM258717	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Granulocytes	GSM258667	CEL
39	Granulocytes	GSM258667	CEL
38	GMP	GSM258666	CEL
37	GMP	GSM258665	CEL
36	GMP	GSM258664	CEL
35	GMP	GSM258642	CEL
34	GMP	GSM258642	CEL
33	MIEP	GSM258720	CEL
32	MIEP	GSM258719	CEL
31	HESC	GSM258770	CEL
30	HESC	GSM258769	CEL
29	Bone marrow	GSM258628	CEL
28	Bone marrow	GSM258627	CEL
27	paneth-cells-GE	GSM116358	CEL
26	paneth-cells-GE	GSM116357	CEL
25	paneth-cells	GSM116360	CEL
24	paneth-cells	GSM116359	CEL
23	paneth-cells	GSM318689	CEL
22	paneth-cells	GSM318690	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	Ileum-IEC	GSM350376	CEL
14	Ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002901	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP002001	CEL
10	FAE	RMPYEP001001	CEL
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0169\_High in NK cell, cDC, T cells and B cells (11 nodes)

374.5  
354.8  
335.1  
316.4  
295.7  
276  
256.3  
236.5  
216.8  
197.1  
177.4  
157.7  
138  
118.3  
98.6  
78.8  
59.1  
39.4  
19.7  
0



30	NALT	GSM289411	CELL
129	NALT	GSM289410	CELL
128	NALT	GSM289409	CELL
127	NALT	GSM289408	CELL
126	Colon-d9	GSM198810	CELL
125	Colon-d9	GSM198810	CELL
124	Colon-d4	GSM198810	CELL
123	Colon-d4	GSM198810	CELL
122	Colon-d4	GSM198810	CELL
121	Intestine-large	GSM258676	CELL
120	Intestine-large	GSM258675	CELL
119	Intestine-small	GSM258678	CELL
118	Intestine-small	GSM258692	CELL
117	Lymph-nodes	GSM258691	CELL
116	Spleen	GSM258676	CELL
115	Spleen	GSM258677	CELL
114	Neuro2a	GSM258728	CELL
113	Neuro2a	GSM258729	CELL
112	Astrocytes	GSM241898	CELL
111	ming	GSM258726	CELL
110	ming	GSM258725	CELL
109	ming	GSM258724	CELL
108	MIMCD3	GSM258723	CELL
107	MIMCD3	GSM258723	CELL
106	Bruce4	GSM258690	CELL
105	Bruce4	GSM258690	CELL
104	C2C12	GSM258690	CELL
103	C2C12	GSM258690	CELL
102	NH3T3	GSM258730	CELL
101	NH3T3	GSM258729	CELL
100	3T3-L1	GSM258610	CELL
99	3T3-L1	GSM258609	CELL
98	10T12	GSM258692	CELL
97	10T12	GSM258692	CELL
96	Osteoblast-d21	GSM258740	CELL
95	Osteoblast-d14	GSM258738	CELL
94	Osteoblast-d14	GSM258737	CELL
93	Osteoblast-d5	GSM258742	CELL
92	Osteoblast-d5	GSM258741	CELL
91	Chondrocytes	GSM258674	CELL
90	Chondrocytes	GSM258674	CELL
89	Nat Helper cell	GSM465594	CELL
88	Nat Helper cell	GSM465593	CELL
87	T cell	GSM465596	CELL
86	MS-1	GSM234692	CELL
85	Lymph-endc-cells	GSM143704	CELL
84	PP-FDC	GSM481977	CELL
83	PP-FDC	GSM481978	CELL
82	PP-FDC	GSM481976	CELL
81	PP-FDC	GSM481976	CELL
80	E-LY	RMLNDC002001	CELL
79	E-LY	RMLNDC002001	CELL
78	Follicular-Bcells	GSM258664	CELL
77	Follicular-Bcells	GSM258663	CELL
76	MZ-Bcell	GSM258622	CELL
75	MZ-Bcell	GSM258621	CELL
74	BAF3	GSM258620	CELL
73	BAF3	GSM258619	CELL
72	Tregs	GSM258778	CELL
71	T-cells-CD8+	GSM258777	CELL
70	T-cells-CD8+	GSM258776	CELL
69	T-cells-CD4+	GSM258774	CELL
68	T-cells-CD4+	GSM258773	CELL
67	T-cells-CD4+	GSM258744	CELL
66	Thymocyte-DN	GSM465595	CELL
65	Osteoclasts	GSM258743	CELL
64	Microglia	GSM258721	CELL
63	Microglia	GSM258721	CELL
62	MM-LPS-7h	GSM258706	CELL
61	MM-LPS-7h	GSM258705	CELL
60	MM-LPS-6h	GSM258702	CELL
59	MM-LPS-6h	GSM258700	CELL
58	MM-LPS-6h	GSM258699	CELL
57	MM-LPS-6h	GSM258699	CELL
56	MM-LPS-6h	GSM258694	CELL
55	MM-LPS-6h	GSM258694	CELL
54	MM-LPS-6h	GSM258694	CELL
53	MM-LPS-6h	GSM258694	CELL
52	MM-LPS-6h	GSM258694	CELL
51	MM-LPS-6h	GSM258694	CELL
50	CD8a-DC	GSM258647	CELL
49	CD8a-DC	GSM258647	CELL
48	CD8a+DC	GSM258646	CELL
47	NK-cells	GSM258732	CELL
46	NK-cells	GSM258731	CELL
45	Mast-cells-IgE+Ad	GSM258718	CELL
44	Mast-cells-IgE+Ad	GSM258717	CELL
43	Mast-cells-IgE	GSM258714	CELL
42	Mast-cells-IgE	GSM258713	CELL
41	Mast-cells	GSM258712	CELL
40	Granulocytes	GSM258668	CELL
39	Granulocytes	GSM258667	CELL
38	GMP	GSM258666	CELL
37	GMP	GSM258665	CELL
36	GMP	GSM258664	CELL
35	GMP	GSM258664	CELL
34	GMP	GSM258664	CELL
33	MIEP	GSM258720	CELL
32	MIEP	GSM258719	CELL
31	HS-C	GSM258770	CELL
30	HS-C	GSM258769	CELL
29	Bone marrow	GSM258628	CELL
28	bone marrow	GSM258627	CELL
27	paneth-cells-GF	GSM116358	CELL
26	paneth-cells-GF	GSM116357	CELL
25	paneth-cells	GSM116350	CELL
24	paneth-cells	GSM116359	CELL
23	paneth-cells	GSM318589	CELL
22	paneth-cells	GSM318590	CELL
21	Colon-Crypt	GSM480375	CELL
20	Colon-Crypt	GSM480374	CELL
19	Colon-Vill	GSM480363	CELL
18	Colon-Vill	GSM480362	CELL
17	Colon-IEC-Gf	GSM349880	CELL
16	Colon-IEC-Gf	GSM350375	CELL
15	Ileum-IEC	GSM350376	CELL
14	Ileum-IEC	GSM350371	CELL
13	Small-intestine-epithelium	RMINEP002001	CELL
12	Small-intestine-epithelium	RMINEP001001	CELL
11	FAE	RMPYEP001001	CELL
10	FAE	RMPYEP001001	CELL
09	Ileum-IEC	GSM190797	CELL
08	Ileum-IEC	GSM190796	CELL
07	Ileum-IEC	GSM190795	CELL
06	CT-w-M-cells	GSM190794	CELL
05	CT-w-M-cells	GSM190793	CELL
04	CT-y-M-cells	GSM190792	CELL
03	PP-M-cells	GSM190791	CELL
02	PP-M-cells	GSM190790	CELL
01	PP-M-cells	GSM190789	CELL







Cluster0171\_High in 10T12 and 3T3L1 cells (11 nodes)

1,609.6  
1,524.8  
1,440.1  
1,355.4  
1,270.7  
1,186  
1,101.2  
1,016.5  
931.8  
847.1  
762.4  
677.7  
593  
508.3  
423.6  
338.8  
254.1  
169.4  
84.7  
0



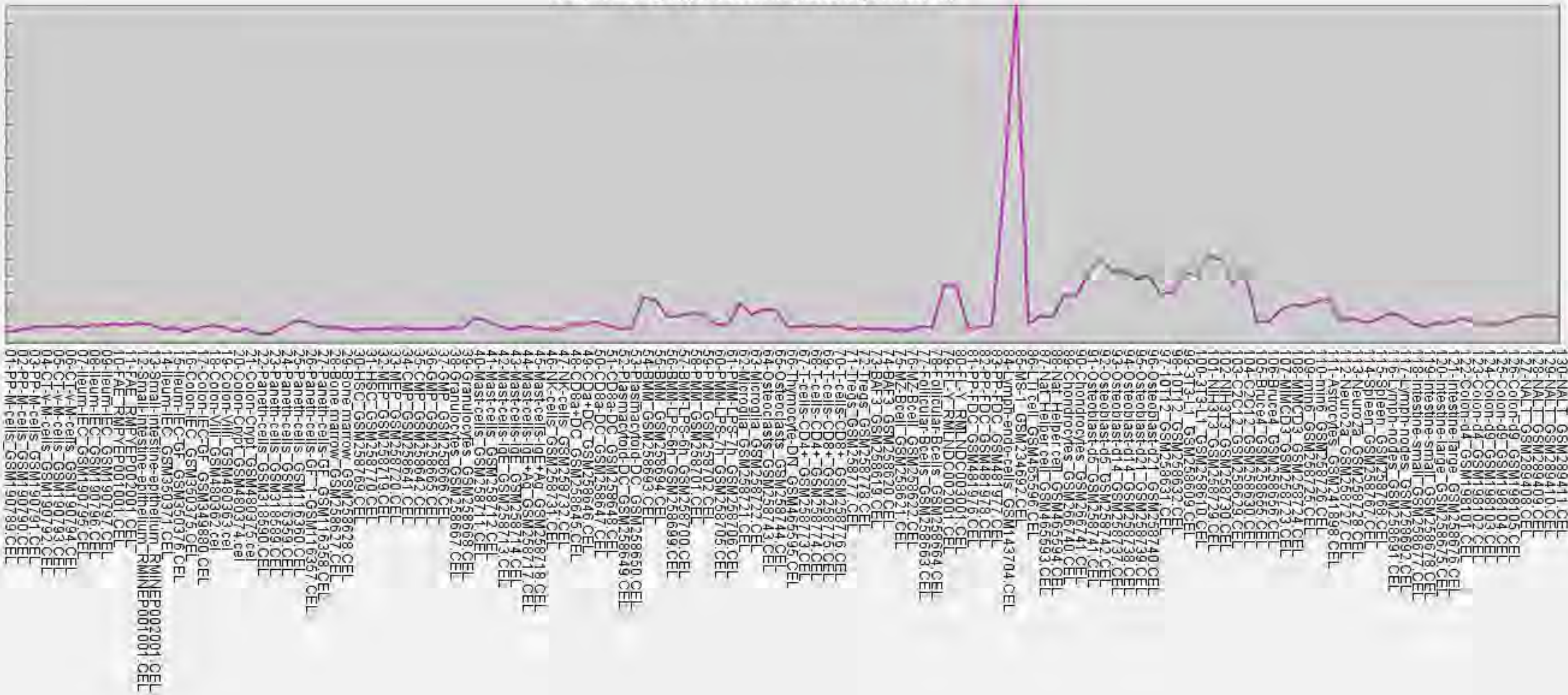
130-NAL1 GSM289411 CEL  
129-NAL1 GSM289410 CEL  
128-NAL1 GSM289409 CEL  
127-NAL1 GSM289408 CEL  
126-Color-d9 GSM1988105 CEL  
125-Color-d9 GSM1988103 CEL  
124-Color-d9 GSM1988102 CEL  
123-Color-d4 GSM1988101 CEL  
122-Color-d4 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258678 CEL  
118-Intestine-small GSM258692 CEL  
117-Lymph-nodes GSM258691 CEL  
116-Lymph-nodes GSM258726 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
111-Astrocytes GSM241898 CEL  
110-mim6 GSM258726 CEL  
109-mim6 GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258656 CEL  
105-Bruce4 GSM258656 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258629 CEL  
102-NH3T3 GSM258739 CEL  
101-NH3T3 GSM258739 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-LT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-P-FDC GSM481977 CEL  
82-P-FDC GSM481978 CEL  
81-P-FDC GSM481976 CEL  
80-L-Y RMLNDCC003001 CEL  
79-L-Y RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258622 CEL  
75-MZ-Bcell GSM258621 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258773 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-MM-LPS-7h GSM258706 CEL  
60-MM-LPS-7h GSM258706 CEL  
59-MM-LPS-6h GSM258702 CEL  
58-MM-LPS-6h GSM258702 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258699 CEL  
55-MM-LPS-6h GSM258694 CEL  
54-MM-LPS-6h GSM258694 CEL  
53-Plasmacytoid-DC GSM258650 CEL  
52-Plasmacytoid-DC GSM258649 CEL  
51-CD8a-DC GSM258648 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258731 CEL  
45-Mast-cells-IgE+Ad GSM258719 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258668 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258666 CEL  
36-GMP GSM258665 CEL  
35-GMP GSM258664 CEL  
34-MPEP GSM258642 CEL  
33-MPEP GSM258642 CEL  
32-MPEP GSM258720 CEL  
31-HESC GSM258770 CEL  
30-HESC GSM258770 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-paneth-cells GSM318590 CEL  
20-Color-Crypt GSM480375 cel  
19-Color-Vill GSM480363 cel  
18-Color-Vill GSM480362 cel  
17-Color-IEC-GE GSM349880 CEL  
16-Color-IEC-GE GSM350375 CEL  
15-Intestine-epithelium RMINEP002901 CEL  
14-Intestine-epithelium RMINEP001001 CEL  
13-Intestine-epithelium RMINEP002901 CEL  
12-Intestine-epithelium RMINEP001001 CEL  
11-FAE-RMPYEP002001 CEL  
10-FAE-RMPYEP001001 CEL  
09-Intestine-epithelium RMINEP002901 CEL  
08-Intestine-epithelium RMINEP001001 CEL  
07-Intestine-epithelium RMINEP002901 CEL  
06-Intestine-epithelium RMINEP001001 CEL  
05-Intestine-epithelium RMINEP002901 CEL  
04-Intestine-epithelium RMINEP001001 CEL  
03-Intestine-epithelium RMINEP002901 CEL  
02-Intestine-epithelium RMINEP001001 CEL  
01-Intestine-epithelium RMINEP002901 CEL







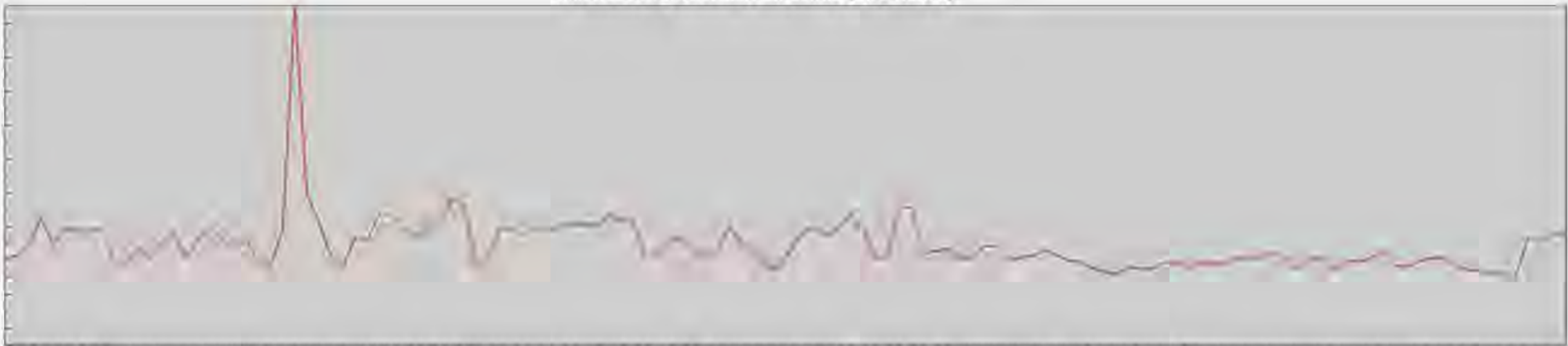
Cluster0173\_High in endothelial cells (11 nodes)





Cluster0174\_Uncertain-low in many (11 nodes)

93.3  
88.4  
83.5  
78.6  
73.7  
68.7  
63.8  
58.9  
54  
49.1  
44.2  
39.3  
34.4  
29.5  
24.6  
19.6  
14.7  
9.8  
4.9  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258679.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258768.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM268706.CEL  
61-MM-LPS-7h GSM268706.CEL  
60-MM-LPS-7h GSM268705.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258701.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258694.CEL  
54-Plasmacytoid-DC GSM258650.CEL  
53-Plasmacytoid-DC GSM258649.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a+DC GSM258646.CEL  
49-CD8a+DC GSM258646.CEL  
48-NK-cells GSM258737.CEL  
47-NK-cells GSM258737.CEL  
46-Mast-cells-IgE+Ad GSM258718.CEL  
45-Mast-cells-IgE+Ad GSM258717.CEL  
44-Mast-cells-IgE GSM258714.CEL  
43-Mast-cells-IgE GSM258713.CEL  
42-Mast-cells-IgE GSM258712.CEL  
41-Mast-cells GSM258711.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GE GSM116357.CEL  
26-Paneth-cells-GE GSM116350.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-Gf GSM349880.CEL  
16-Colon-IEC-Gf GSM350375.CEL  
15-Ileum-IEC-Gf GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0175\_Mast cells and phagocyte-related (11 nodes)

3,781.8  
3,582.8  
3,383.7  
3,184.7  
2,985.6  
2,786.6  
2,587.6  
2,388.5  
2,189.5  
1,990.4  
1,791.4  
1,592.3  
1,393.3  
1,194.3  
995.2  
796.2  
597.1  
398.1  
199  
0

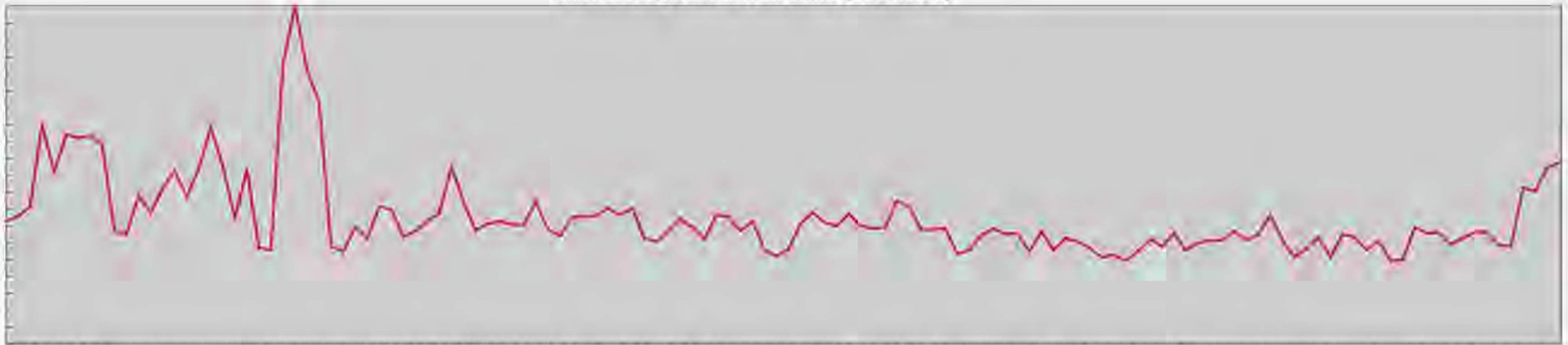


30	NALT	GSM289411	CELL
129	NALT	GSM289410	CELL
128	NALT	GSM289409	CELL
127	NALT	GSM289408	CELL
126	Colon-d9	GSM1988104	CELL
125	Colon-d9	GSM1988103	CELL
124	Colon-d9	GSM1988102	CELL
123	Colon-d4	GSM1988101	CELL
122	Colon-d4	GSM1988100	CELL
121	Intestine-large	GSM258676	CELL
120	Intestine-large	GSM258675	CELL
119	Intestine-small	GSM258674	CELL
118	Intestine-small	GSM258673	CELL
117	Lymph-nodes	GSM258672	CELL
116	Spleen	GSM258671	CELL
115	Spleen	GSM258670	CELL
114	Neuro2a	GSM258669	CELL
113	Neuro2a	GSM258668	CELL
112	Astrocytes	GSM241898	CELL
111	ming	GSM258667	CELL
110	ming	GSM258666	CELL
109	ming	GSM258665	CELL
108	MIMCD3	GSM258664	CELL
107	MIMCD3	GSM258663	CELL
106	Bruce4	GSM258662	CELL
105	Bruce4	GSM258661	CELL
104	C2C12	GSM258660	CELL
103	C2C12	GSM258659	CELL
102	NH3T3	GSM258658	CELL
101	NH3T3	GSM258657	CELL
100	3T3-L1	GSM258656	CELL
99	3T3-L1	GSM258655	CELL
98	10T12	GSM258654	CELL
97	10T12	GSM258653	CELL
96	Osteoblast-d21	GSM258652	CELL
95	Osteoblast-d14	GSM258651	CELL
94	Osteoblast-d14	GSM258650	CELL
93	Osteoblast-d5	GSM258649	CELL
92	Osteoblast-d5	GSM258648	CELL
91	Chondrocytes	GSM266741	CELL
90	Chondrocytes	GSM266740	CELL
89	Nat Helper cell	GSM465594	CELL
88	Nat Helper cell	GSM465593	CELL
87	LT cell	GSM465592	CELL
86	MS-1	GSM234692	CELL
85	Lymph-endo-cells	GSM143704	CELL
84	PP-FDC	GSM481977	CELL
83	PP-FDC	GSM481978	CELL
82	PP-FDC	GSM481979	CELL
81	PP-FDC	GSM481976	CELL
80	E-LY	RMLNDC003001	CELL
79	E-LY	RMLNDC003001	CELL
78	Follicular-Bcells	GSM258664	CELL
77	Follicular-Bcells	GSM258663	CELL
76	MZ-Bcell	GSM258662	CELL
75	MZ-Bcell	GSM258661	CELL
74	BAF3	GSM258660	CELL
73	BAF3	GSM258659	CELL
72	Tregs	GSM258658	CELL
71	T-cells-CD8+	GSM258657	CELL
70	T-cells-CD8+	GSM258656	CELL
69	T-cells-CD4+	GSM258655	CELL
68	T-cells-CD4+	GSM258654	CELL
67	Thymocyte-DN	GSM465595	CELL
66	Osteoclasts	GSM258674	CELL
65	Microglia	GSM258673	CELL
64	Microglia	GSM258672	CELL
63	Microglia	GSM258671	CELL
62	Microglia	GSM258670	CELL
61	PS-7h	GSM258669	CELL
60	PS-7h	GSM258668	CELL
59	PS-6h	GSM258667	CELL
58	PS-6h	GSM258666	CELL
57	PS-6h	GSM258665	CELL
56	PS-6h	GSM258664	CELL
55	PS-6h	GSM258663	CELL
54	PS-6h	GSM258662	CELL
53	PS-6h	GSM258661	CELL
52	PS-6h	GSM258660	CELL
51	PS-6h	GSM258659	CELL
50	PS-6h	GSM258658	CELL
49	PS-6h	GSM258657	CELL
48	PS-6h	GSM258656	CELL
47	PS-6h	GSM258655	CELL
46	PS-6h	GSM258654	CELL
45	PS-6h	GSM258653	CELL
44	PS-6h	GSM258652	CELL
43	PS-6h	GSM258651	CELL
42	PS-6h	GSM258650	CELL
41	PS-6h	GSM258649	CELL
40	PS-6h	GSM258648	CELL
39	PS-6h	GSM258647	CELL
38	PS-6h	GSM258646	CELL
37	PS-6h	GSM258645	CELL
36	PS-6h	GSM258644	CELL
35	PS-6h	GSM258643	CELL
34	PS-6h	GSM258642	CELL
33	PS-6h	GSM258641	CELL
32	PS-6h	GSM258640	CELL
31	PS-6h	GSM258639	CELL
30	PS-6h	GSM258638	CELL
29	PS-6h	GSM258637	CELL
28	PS-6h	GSM258636	CELL
27	PS-6h	GSM258635	CELL
26	PS-6h	GSM258634	CELL
25	PS-6h	GSM258633	CELL
24	PS-6h	GSM258632	CELL
23	PS-6h	GSM258631	CELL
22	PS-6h	GSM258630	CELL
21	PS-6h	GSM258629	CELL
20	PS-6h	GSM258628	CELL
19	PS-6h	GSM258627	CELL
18	PS-6h	GSM258626	CELL
17	PS-6h	GSM258625	CELL
16	PS-6h	GSM258624	CELL
15	PS-6h	GSM258623	CELL
14	PS-6h	GSM258622	CELL
13	PS-6h	GSM258621	CELL
12	PS-6h	GSM258620	CELL
11	PS-6h	GSM258619	CELL
10	PS-6h	GSM258618	CELL
9	PS-6h	GSM258617	CELL
8	PS-6h	GSM258616	CELL
7	PS-6h	GSM258615	CELL
6	PS-6h	GSM258614	CELL
5	PS-6h	GSM258613	CELL
4	PS-6h	GSM258612	CELL
3	PS-6h	GSM258611	CELL
2	PS-6h	GSM258610	CELL
1	PS-6h	GSM258609	CELL



Cluster0176\_Uncertain-low in many (11 nodes)

150.6  
142.7  
134.7  
126.8  
118.9  
111  
103  
95.1  
87.2  
79.3  
71.3  
63.4  
55.5  
47.6  
39.6  
31.7  
23.8  
15.9  
7.9  
0

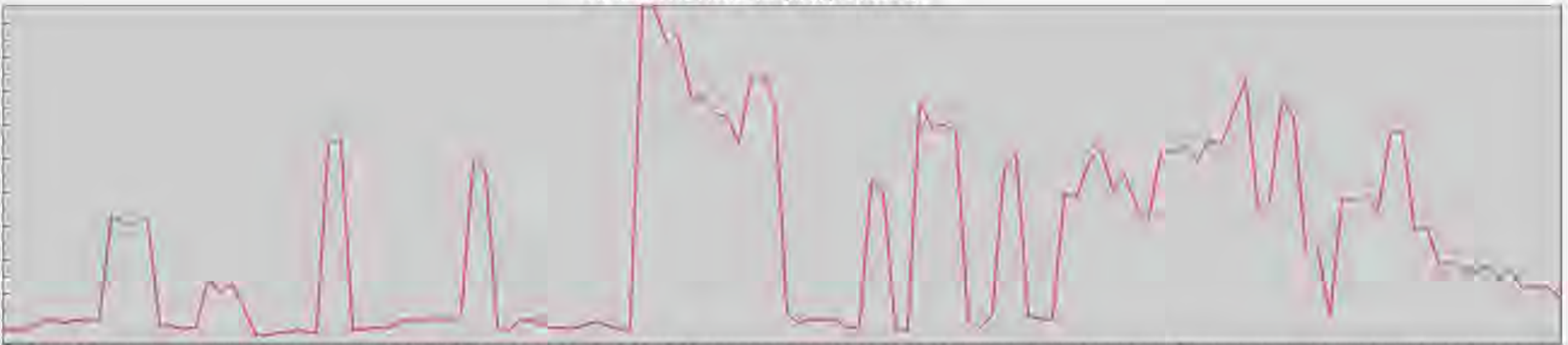


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-7h GSM258705.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258701.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-BM258694.CEL  
54-BM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-w-M-cells GSM190794.CEL  
05-CT-w-M-cells GSM190793.CEL  
04-CT-w-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0177\_House keeping (11 nodes)

1,351.6  
1,280.5  
1,209.3  
1,138.2  
1,067.1  
995.9  
924.8  
853.7  
782.5  
711.4  
640.2  
569.1  
498  
426.8  
355.7  
284.6  
213.4  
142.3  
71.1  
0

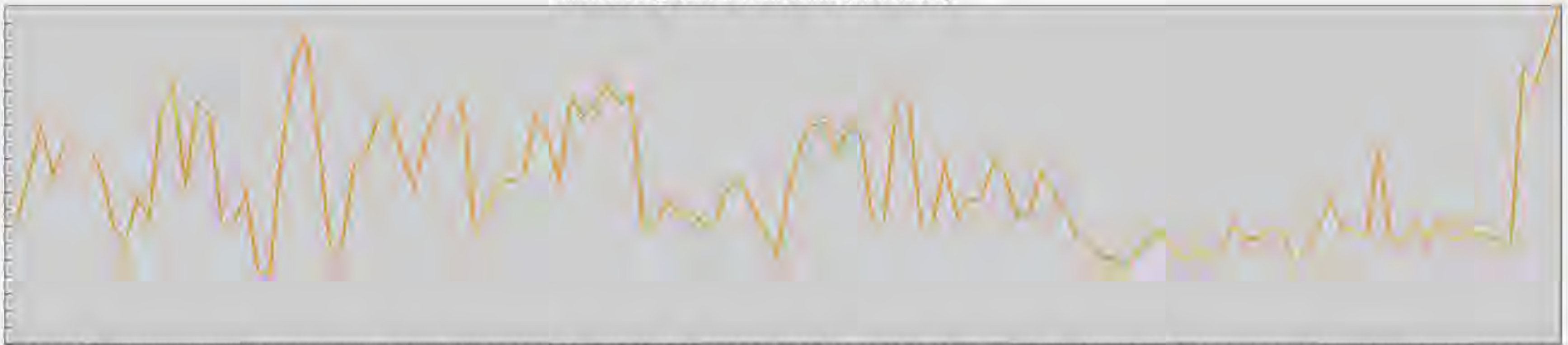


01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-VIII\_GSM480362.CEL  
 17-Colon-VIII\_GSM480363.CEL  
 18-Colon-VIII\_GSM480364.CEL  
 19-Colon-VIII\_GSM480365.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116350.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells\_GSM116357.CEL  
 27-Paneth-cells\_GSM116358.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258628.CEL  
 30-HSC\_GSM258770.CEL  
 31-MEP\_GSM258771.CEL  
 32-MEP\_GSM258772.CEL  
 33-MEP\_GSM258773.CEL  
 34-MEP\_GSM258774.CEL  
 35-CMP\_GSM258864.CEL  
 36-CMP\_GSM258865.CEL  
 37-CMP\_GSM258866.CEL  
 38-CMP\_GSM258867.CEL  
 39-Granulocytes\_GSM258668.CEL  
 40-Mast-cells\_GSM258711.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells\_GSM258713.CEL  
 43-Mast-cells-IdU+Ad\_GSM258714.CEL  
 44-Mast-cells-IdU+Ad\_GSM258718.CEL  
 45-Mast-cells-IdU+Ad\_GSM258717.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258645.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a+DC\_GSM258647.CEL  
 51-CD8a+DC\_GSM258648.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BMM-GSM258693.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258700.CEL  
 57-BMM-LPS-6h\_GSM258701.CEL  
 58-BMM-LPS-7h\_GSM258702.CEL  
 59-BMM-LPS-7h\_GSM258705.CEL  
 60-PMN-LPS-7h\_GSM258706.CEL  
 61-PMN-LPS-7h\_GSM258705.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258722.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258744.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258774.CEL  
 69-T-cells-CD8+\_GSM258775.CEL  
 70-T-cells-CD8+\_GSM258776.CEL  
 71-Tregs\_GSM258777.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258619.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258621.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258665.CEL  
 79-FLY-RMLNDC002001.CEL  
 80-FLY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481978.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endc-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266740.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258740.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258730.CEL  
 103-C2C12\_GSM258629.CEL  
 104-Bruce4\_GSM258690.CEL  
 105-Bruce4\_GSM258691.CEL  
 106-MIMCD3\_GSM258723.CEL  
 107-MIMCD3\_GSM258724.CEL  
 108-mim6\_GSM258725.CEL  
 109-mim6\_GSM258726.CEL  
 110-Astrocytes\_GSM241898.CEL  
 111-Astrocytes\_GSM241899.CEL  
 112-Spleen\_GSM258767.CEL  
 113-Spleen\_GSM258768.CEL  
 114-Lymph-nodes\_GSM258691.CEL  
 115-Lymph-nodes\_GSM258692.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258692.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258678.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258676.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198102.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198104.CEL  
 126-NALT\_GSM289408.CEL  
 127-NALT\_GSM289409.CEL  
 128-NALT\_GSM289410.CEL  
 129-NALT\_GSM289411.CEL



Cluster0178\_Uncertain-low in many (10 nodes)

262.7  
248.8  
235  
221.2  
207.4  
193.5  
179.7  
165.9  
152.1  
138.2  
124.4  
110.6  
96.8  
82.9  
69.1  
55.3  
41.5  
27.6  
13.8  
0

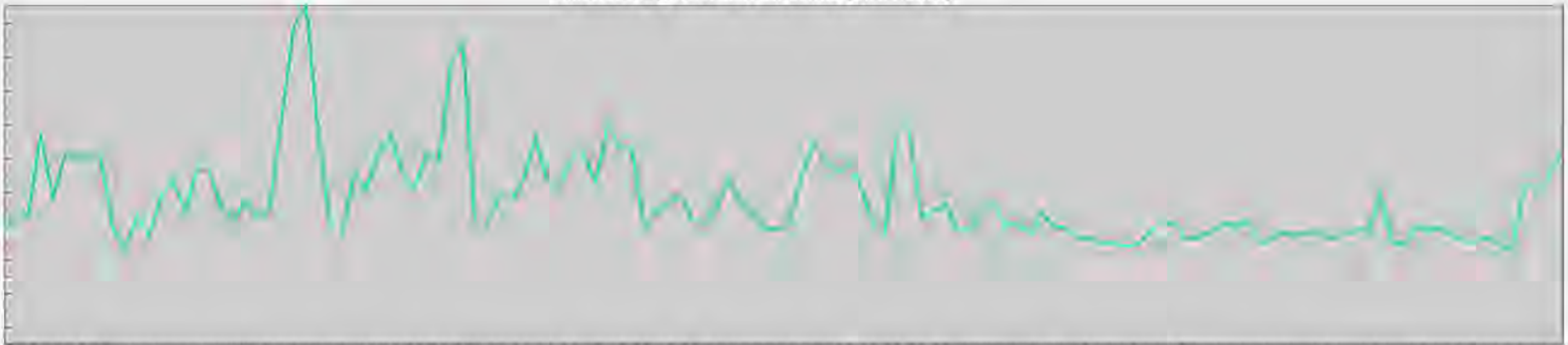


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129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258676.CEL  
115-Spleen GSM258676.CEL  
114-Spleen GSM258676.CEL  
113-Neuro2a GSM258727.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-FLY RMLNDCC003001.CEL  
79-FLY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258622.CEL  
76-MZ-Bcell GSM258621.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PMN-LPS-7h GSM258706.CEL  
60-PMN-LPS-7h GSM258705.CEL  
59-PMN-GSM258702.CEL  
58-PMN-GSM258701.CEL  
57-BMM-LPS-6h GSM258700.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-GSM258694.CEL  
54-BMM-GSM258693.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-CD8a-DC GSM258649.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258854.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-H9C GSM258770.CEL  
30-H9C GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF-1 GSM116358.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190790.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0179\_Uncertain-low in many (10 nodes)

81.1  
76.9  
72.6  
68.3  
64.1  
59.8  
55.5  
51.2  
47  
42.7  
38.4  
34.2  
29.9  
25.6  
21.4  
17.1  
12.8  
8.5  
4.3  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258664.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258706.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258702.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0180\_High in Bruce4 cells (10 nodes)

932.8  
883.7  
834.6  
785.5  
736.4  
687.3  
638.3  
589.2  
540.1  
491  
441.9  
392.8  
343.7  
294.6  
245.5  
196.4  
147.3  
98.2  
49.1  
0

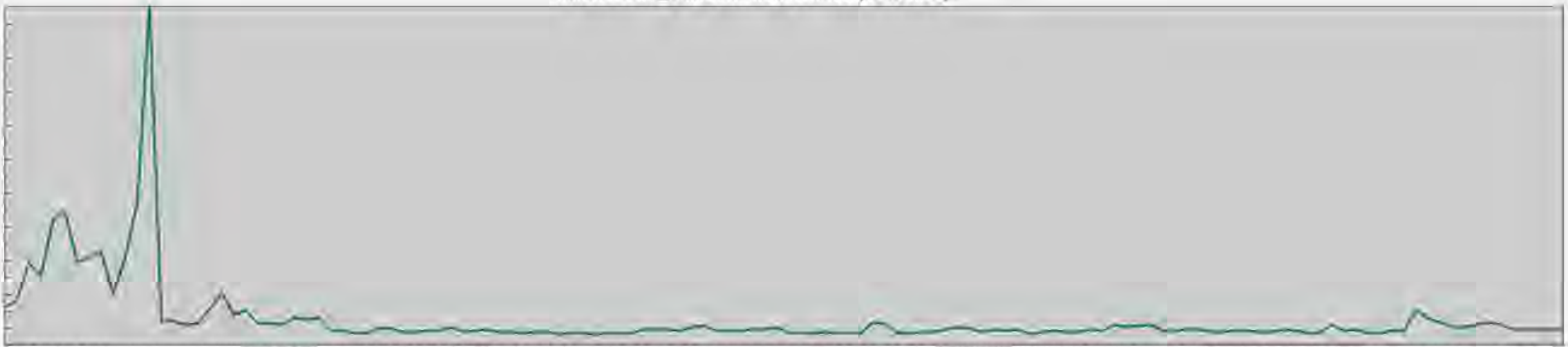


30-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Spleen GSM258671 CELL  
 115-Spleen GSM258670 CELL  
 114-Spleen GSM258669 CELL  
 113-Neuro2a GSM241898 CELL  
 112-Neuro2a GSM241897 CELL  
 111-Astrocytes GSM241896 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-mimb GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-MIMCD3 GSM258722 CELL  
 105-MIMCD3 GSM258721 CELL  
 104-Bruce4 GSM258720 CELL  
 103-C2C12 GSM258719 CELL  
 102-NH3T3 GSM258718 CELL  
 101-NH3T3 GSM258717 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-T cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-LY RMLNDCC003001 CELL  
 79-LY RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258621 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Microglia GSM258721 CELL  
 63-Microglia GSM258721 CELL  
 62-MM-LPS-7h GSM268706 CELL  
 61-MM-LPS-7h GSM268705 CELL  
 60-MM-LPS-6h GSM258702 CELL  
 59-MM-LPS-6h GSM258701 CELL  
 58-MM-LPS-6h GSM258699 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258694 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-Ismacryoid-DC GSM258650 CELL  
 53-Ismacryoid-DC GSM258649 CELL  
 52-CD8a-DC GSM258647 CELL  
 51-CD8a-DC GSM258647 CELL  
 50-CD8a+DC GSM258646 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-NK-cells GSM258732 CELL  
 47-NK-cells GSM258731 CELL  
 46-Mast-cells-IgE+Ad GSM258718 CELL  
 45-Mast-cells-IgE+Ad GSM258717 CELL  
 44-Mast-cells-IgE GSM258714 CELL  
 43-Mast-cells-IgE GSM258713 CELL  
 42-Mast-cells-IgE GSM258712 CELL  
 41-Mast-cells-IgE GSM258712 CELL  
 40-Granulocytes GSM258667 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258666 CELL  
 36-GMP GSM258665 CELL  
 35-GMP GSM258665 CELL  
 34-MUEP GSM258874 CELL  
 33-MUEP GSM258874 CELL  
 32-MUEP GSM258874 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258770 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GF-1 GSM116357 CELL  
 26-paneth-cells-GF-1 GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM480375 CELL  
 20-Color-Crypt GSM480374 CELL  
 19-Color-Vill GSM480363 CELL  
 18-Color-Vill GSM480362 CELL  
 17-Color-IEC-GF GSM349880 CELL  
 16-Color-IEC-GF GSM350375 CELL  
 15-Ileum-IEC-GF GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP001001 CELL  
 10-FAE-RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-w-M-cells GSM190794 CELL  
 05-CT-w-M-cells GSM190793 CELL  
 04-CT-y-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0181\_Small intestine-related (10 nodes)

642.9  
809  
575.2  
541.4  
507.5  
473.7  
439.9  
406  
372.2  
338.3  
304.5  
270.7  
236.8  
203  
169.2  
135.3  
101.5  
67.7  
33.8  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-Y-M-cells\_GSM190792.CEL  
 05-CT-Y-M-cells\_GSM190793.CEL  
 06-CT-W-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-SmallIntestine-epithelium\_RMINEP001001.CEL  
 13-SmallIntestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318591.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116357.CEL  
 28-Bone marrow\_GSM258827.CEL  
 29-Bone marrow\_GSM258827.CEL  
 30-HSC\_GSM258770.CEL  
 31-MEP\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-MEP\_GSM258770.CEL  
 36-MEP\_GSM258770.CEL  
 37-MEP\_GSM258770.CEL  
 38-MEP\_GSM258770.CEL  
 39-Granulocytes\_GSM258770.CEL  
 40-Mast-cells\_GSM258770.CEL  
 41-Mast-cells-Gf\_GSM258770.CEL  
 42-Mast-cells-Gf\_GSM258770.CEL  
 43-Mast-cells-Gf\_GSM258770.CEL  
 44-Mast-cells-Gf\_GSM258770.CEL  
 45-Mast-cells-Gf\_GSM258770.CEL  
 46-NK-cells\_GSM258770.CEL  
 47-NK-cells\_GSM258770.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a+DC\_GSM258646.CEL  
 51-CD8a+DC\_GSM258646.CEL  
 52-CD8a+DC\_GSM258646.CEL  
 53-CD8a+DC\_GSM258646.CEL  
 54-CD8a+DC\_GSM258646.CEL  
 55-CD8a+DC\_GSM258646.CEL  
 56-CD8a+DC\_GSM258646.CEL  
 57-CD8a+DC\_GSM258646.CEL  
 58-CD8a+DC\_GSM258646.CEL  
 59-CD8a+DC\_GSM258646.CEL  
 60-CD8a+DC\_GSM258646.CEL  
 61-CD8a+DC\_GSM258646.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258776.CEL  
 70-T-cells-CD8+\_GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-Tregs\_GSM258778.CEL  
 74-BAF3\_GSM258620.CEL  
 75-BAF3\_GSM258620.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258653.CEL  
 78-Follicular-Bcells\_GSM258653.CEL  
 79-Follicular-Bcells\_GSM258653.CEL  
 80-LY-RMLNDC002001.CEL  
 81-LY-RMLNDC003001.CEL  
 82-LY-RMLNDC003001.CEL  
 83-LY-RMLNDC003001.CEL  
 84-LY-RMLNDC003001.CEL  
 85-LY-RMLNDC003001.CEL  
 86-LY-RMLNDC003001.CEL  
 87-NatHelperCell\_GSM465593.CEL  
 88-NatHelperCell\_GSM465593.CEL  
 89-NatHelperCell\_GSM465593.CEL  
 90-Chondrocytes\_GSM258741.CEL  
 91-Chondrocytes\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d5\_GSM258742.CEL  
 94-Osteoblast-d14\_GSM258737.CEL  
 95-Osteoblast-d21\_GSM258738.CEL  
 96-Osteoblast-d21\_GSM258738.CEL  
 97-Osteoblast-d21\_GSM258738.CEL  
 98-Osteoblast-d21\_GSM258738.CEL  
 99-Osteoblast-d21\_GSM258738.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-3T3-L1\_GSM258610.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-NH3T3\_GSM258739.CEL  
 104-C2C12\_GSM258829.CEL  
 105-C2C12\_GSM258829.CEL  
 106-Bruce4\_GSM258869.CEL  
 107-Bruce4\_GSM258869.CEL  
 108-MIMCD3\_GSM258724.CEL  
 109-MIMCD3\_GSM258724.CEL  
 110-mim6\_GSM258725.CEL  
 111-mim6\_GSM258725.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Astrocytes\_GSM241898.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258767.CEL  
 116-Spleen\_GSM258767.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Lymph-nodes\_GSM258691.CEL  
 119-Intestine-small\_GSM258678.CEL  
 120-Intestine-small\_GSM258678.CEL  
 121-Intestine-large\_GSM258676.CEL  
 122-Intestine-large\_GSM258676.CEL  
 123-Intestine-large\_GSM258676.CEL  
 124-Intestine-large\_GSM258676.CEL  
 125-Intestine-large\_GSM258676.CEL  
 126-Intestine-large\_GSM258676.CEL  
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 128-NALT\_GSM289408.CEL  
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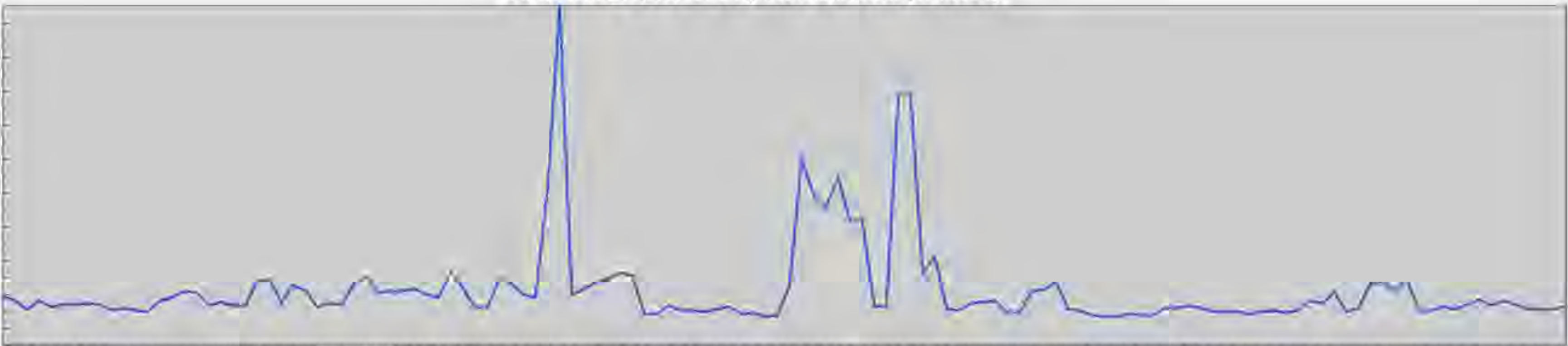






Cluster0184\_High in NK cells, T cells and B cells (10 nodes)

211.9  
200.8  
189.6  
178.4  
167.3  
156.1  
145  
133.8  
122.7  
111.5  
100.4  
89.2  
78.1  
66.9  
55.8  
44.6  
33.5  
22.3  
11.2  
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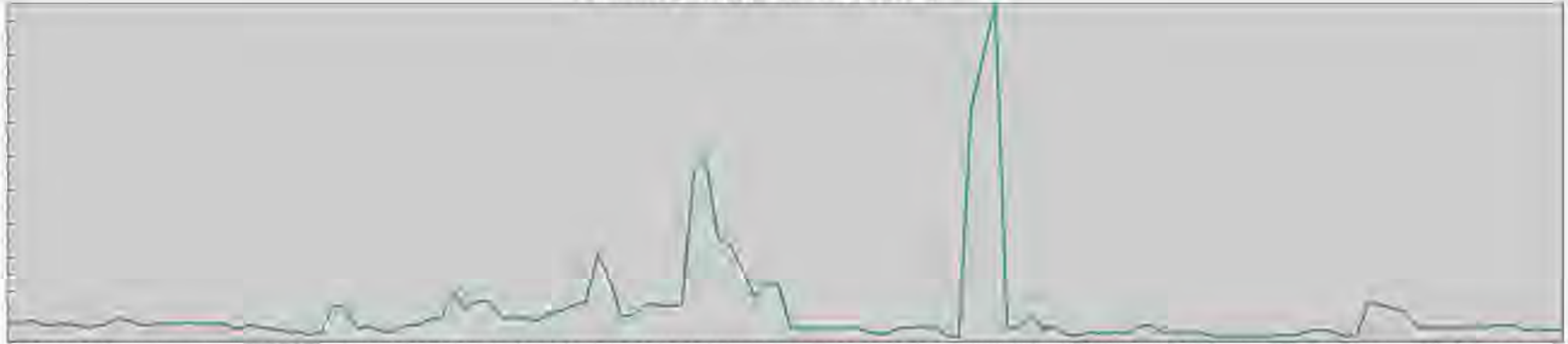


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258768.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258666.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-Tt cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endg-cells GSM143704.CEL  
83-P-FDC GSM481977.CEL  
82-P-FDC GSM481978.CEL  
81-P-FDC GSM481976.CEL  
80-F-LY RMLNDC003001.CEL  
79-F-LY RMLNDC003001.CEL  
78-Follicular-B-cells GSM258664.CEL  
77-Follicular-B-cells GSM258665.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-P-MM-LPS-7h GSM258706.CEL  
60-P-MM-LPS-7h GSM258705.CEL  
59-P-MM-LPS-6h GSM258702.CEL  
58-P-MM-LPS-6h GSM258701.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116357.CEL  
26-paneth-cells-GE GSM116350.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0185\_Phagocyte-related (10 nodes)

4,794.5  
4,542.2  
4,289.8  
4,037.5  
3,785.1  
3,532.8  
3,280.4  
3,028.1  
2,775.8  
2,523.4  
2,271.1  
2,018.7  
1,766.4  
1,514.1  
1,261.7  
1,009.4  
757  
504.7  
252.3  
0

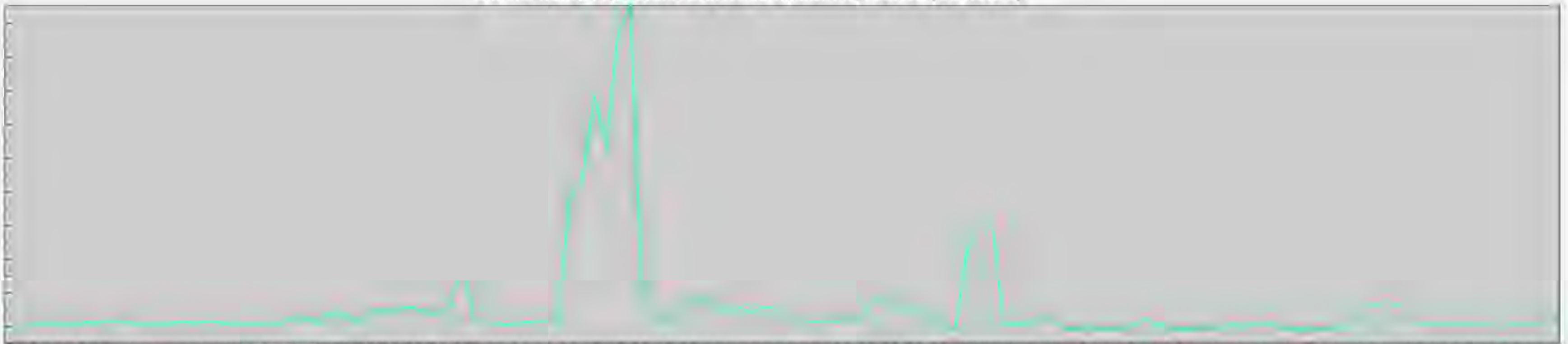


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988104 CELL  
124-Color-d9 GSM1988103 CELL  
123-Color-d4 GSM1988102 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258678 CELL  
118-Intestine-small GSM258679 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Lymph-nodes GSM258726 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258767 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258728 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258656 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258629 CELL  
102-NH3T3 GSM258739 CELL  
101-NH3T3 GSM258739 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-T cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258700 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258699 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Ismacryoid-DC GSM258650 CELL  
52-Ismacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258732 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258719 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258667 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258665 CELL  
35-GMP GSM258664 CELL  
34-MPEP GSM258872 CELL  
33-MPEP GSM258872 CELL  
32-MPEP GSM258872 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258770 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GF-1 GSM116358 CELL  
26-paneth-cells-GF-1 GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-Color-Crypt GSM480375 cel  
20-Color-Crypt GSM480374 cel  
19-Color-Vill GSM480363 cel  
18-Color-Vill GSM480362 cel  
17-Color-IEC-GF GSM349880 CELL  
16-Color-IEC-GF GSM350375 CELL  
15-Ileum-IEC-GF GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-CT-v-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0186\_High in classical DC and plasmacytoid DC (10 nodes)

669.7  
634.5  
599.2  
564  
528.7  
493.5  
458.2  
423  
387.7  
352.5  
317.2  
282  
246.7  
211.5  
178.2  
141  
105.7  
70.5  
35.2  
0



130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-Colon-d9 GSM1988105 CEL  
125-Colon-d9 GSM1988104 CEL  
124-Colon-d9 GSM1988103 CEL  
123-Colon-d4 GSM1988102 CEL  
122-Colon-d4 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258678 CEL  
118-Intestine-small GSM258679 CEL  
117-Lymph-nodes GSM258691 CEL  
116-Lymph-nodes GSM258692 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258728 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258695 CEL  
105-Bruce4 GSM258695 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258689 CEL  
102-NH3T3 GSM258730 CEL  
101-NH3T3 GSM258729 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258692 CEL  
97-10T12 GSM258691 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-PP-FDC GSM481977 CEL  
82-PP-FDC GSM481978 CEL  
81-PP-FDC GSM481976 CEL  
80-LY-RMLNDCC003001 CEL  
79-LY-RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258627 CEL  
75-MZ-Bcell GSM258627 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258773 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-MM-LPS-7h GSM258706 CEL  
60-MM-LPS-7h GSM258706 CEL  
59-MM-LPS-6h GSM258702 CEL  
58-MM-LPS-6h GSM258702 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258699 CEL  
55-MM-LPS-6h GSM258694 CEL  
54-MM-LPS-6h GSM258694 CEL  
53-Plasmacytoid-DC GSM258650 CEL  
52-Plasmacytoid-DC GSM258649 CEL  
51-CD8a-DC GSM258647 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258732 CEL  
45-Mast-cells-IgE+Ad GSM258719 CEL  
44-Mast-cells-IgE+Ad GSM258719 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258714 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258667 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258666 CEL  
36-GMP GSM258665 CEL  
35-GMP GSM258665 CEL  
34-MPEP GSM258642 CEL  
33-MPEP GSM258642 CEL  
32-MPEP GSM258720 CEL  
31-MPEP GSM258720 CEL  
30-HESC GSM258770 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-Colon-Crypt GSM480375 cel  
20-Colon-Crypt GSM480374 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-GE GSM349880 CEL  
16-Colon-IEC-GE GSM350375 CEL  
15-Ileum-IEC-TGF GSM350376 CEL  
14-Ileum-IEC GSM350371 CEL  
13-Small-intestine-epithelium RMINEP002001 CEL  
12-Small-intestine-epithelium RMINEP001001 CEL  
11-FAE-RMPYEP002001 CEL  
10-FAE-RMPYEP001001 CEL  
09-Ileum-IEC GSM190797 CEL  
08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-v-M-cells GSM190794 CEL  
05-CT-v-M-cells GSM190793 CEL  
04-PP-M-cells GSM190792 CEL  
03-PP-M-cells GSM190791 CEL  
02-PP-M-cells GSM190790 CEL  
01-PP-M-cells GSM190789 CEL



Cluster0187\_Intestine-related (10 nodes)

1,575.8  
1,492.9  
1,409.9  
1,327  
1,244  
1,161.1  
1,078.2  
995.2  
912.3  
829.4  
746.4  
663.5  
580.6  
497.6  
414.7  
331.7  
248.8  
165.9  
82.9  
0

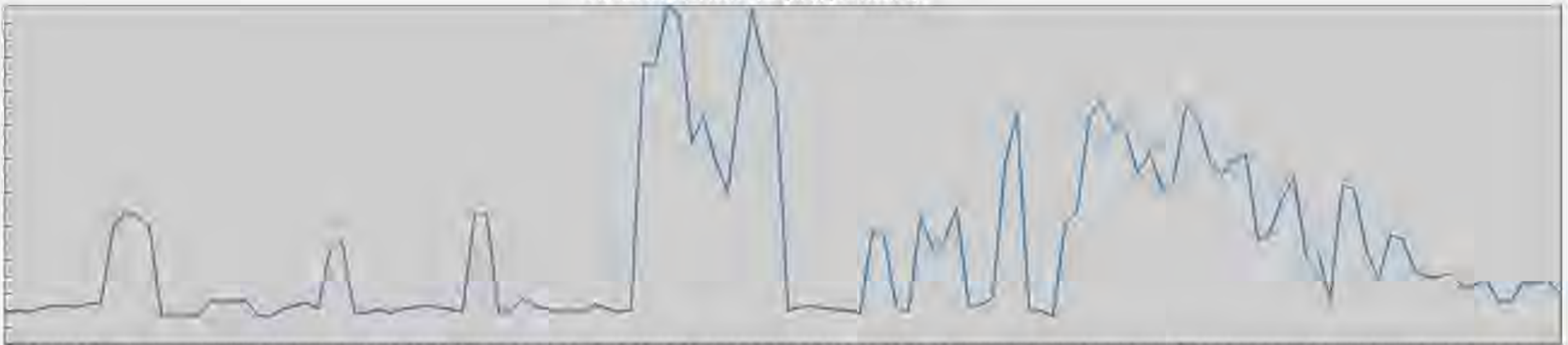


01-PP-M-cells_GSM190789	CEL
02-PP-M-cells_GSM190790	CEL
03-PP-M-cells_GSM190791	CEL
04-CT-Y-M-cells_GSM190792	CEL
05-CT-Y-M-cells_GSM190793	CEL
06-CT-W-M-cells_GSM190794	CEL
07-Ileum-IEC_GSM190795	CEL
08-Ileum-IEC_GSM190796	CEL
09-Ileum-IEC_GSM190797	CEL
10-FAE-RMPYEP001001	CEL
11-FAE-RMPYEP002001	CEL
12-Small-intestine-epithelium_RMINEP001001	CEL
13-Small-intestine-epithelium_RMINEP002001	CEL
14-Ileum-IEC_GSM350371	CEL
15-Ileum-IEC_GSM350375	CEL
16-Colon-VIII_GSM480362	cel
17-Colon-VIII_GSM480363	cel
18-Colon-VIII_GSM480364	cel
19-Colon-VIII_GSM480365	cel
20-Colon-Crypt_GSM480374	cel
21-Colon-Crypt_GSM480375	cel
22-Paneth-cells_GSM318590	CEL
23-Paneth-cells_GSM318591	CEL
24-Paneth-cells_GSM116350	CEL
25-Paneth-cells_GSM116359	CEL
26-Paneth-cells_GSM116357	CEL
27-Paneth-cells-GE-1-GSM116357	CEL
28-Bone marrow_GSM258627	CEL
29-Bone marrow_GSM258628	CEL
30-NALT_GSM289411	CELL
31-NALT_GSM289410	CELL
32-NALT_GSM289409	CELL
33-NALT_GSM289408	CELL
34-Color-d9_GSM198810	CELL
35-Color-d9_GSM198810	CELL
36-Color-d9_GSM198810	CELL
37-Color-d9_GSM198810	CELL
38-Color-d4_GSM198810	CELL
39-Color-d4_GSM198810	CELL
40-Color-d4_GSM198810	CELL
41-Intestine-large_GSM258676	CEL
42-Intestine-large_GSM258675	CEL
43-Intestine-small_GSM258677	CEL
44-Intestine-small_GSM258678	CEL
45-Spleen_GSM258707	CEL
46-Spleen_GSM258708	CEL
47-Neuro2a_GSM241898	CEL
48-Neuro2a_GSM241898	CEL
49-Astrocytes_GSM241898	CEL
50-ming_GSM258726	CEL
51-ming_GSM258725	CEL
52-mim6_GSM258724	CEL
53-MIMCD3_GSM258723	CEL
54-MIMCD3_GSM258723	CEL
55-Bruce4_GSM258690	CEL
56-Bruce4_GSM258690	CEL
57-C2C12_GSM258729	CEL
58-NH3T3_GSM258730	CEL
59-NH3T3_GSM258729	CEL
60-3T3-L1_GSM258610	CEL
61-3T3-L1_GSM258609	CEL
62-10T12_GSM258632	CEL
63-10T12_GSM258631	CEL
64-Osteoblast-d21_GSM258740	CEL
65-Osteoblast-d21_GSM258739	CEL
66-Osteoblast-d14_GSM258738	CEL
67-Osteoblast-d14_GSM258737	CEL
68-Osteoblast-d5_GSM258742	CEL
69-Osteoblast-d5_GSM258741	CEL
70-Chondrocytes_GSM258674	CEL
71-Chondrocytes_GSM258674	CEL
72-Nat Helper cell_GSM465594	CEL
73-Nat Helper cell_GSM465593	CEL
74-LT cell_GSM465596	CEL
75-MS-1_GSM234692	CEL
76-Lymph-endo-cells_GSM143704	CEL
77-Lymph-endo-cells_GSM481977	CEL
78-Lymph-endo-cells_GSM481978	CEL
79-Lymph-endo-cells_GSM481979	CEL
80-Lymph-endo-cells_GSM481979	CEL
81-Lymph-endo-cells_GSM481979	CEL
82-Lymph-endo-cells_GSM481979	CEL
83-Lymph-endo-cells_GSM481979	CEL
84-Lymph-endo-cells_GSM481979	CEL
85-Lymph-endo-cells_GSM481979	CEL
86-Lymph-endo-cells_GSM481979	CEL
87-Follicular-B-cells_GSM258622	CEL
88-Follicular-B-cells_GSM258621	CEL
89-Follicular-B-cells_GSM258621	CEL
90-Follicular-B-cells_GSM258621	CEL
91-Follicular-B-cells_GSM258621	CEL
92-Follicular-B-cells_GSM258621	CEL
93-Follicular-B-cells_GSM258621	CEL
94-Follicular-B-cells_GSM258621	CEL
95-Follicular-B-cells_GSM258621	CEL
96-Follicular-B-cells_GSM258621	CEL
97-Follicular-B-cells_GSM258621	CEL
98-Follicular-B-cells_GSM258621	CEL
99-Follicular-B-cells_GSM258621	CEL
100-Follicular-B-cells_GSM258621	CEL
101-Follicular-B-cells_GSM258621	CEL
102-Follicular-B-cells_GSM258621	CEL
103-Follicular-B-cells_GSM258621	CEL
104-Follicular-B-cells_GSM258621	CEL
105-Follicular-B-cells_GSM258621	CEL
106-Follicular-B-cells_GSM258621	CEL
107-Follicular-B-cells_GSM258621	CEL
108-Follicular-B-cells_GSM258621	CEL
109-Follicular-B-cells_GSM258621	CEL
110-Follicular-B-cells_GSM258621	CEL
111-Follicular-B-cells_GSM258621	CEL
112-Follicular-B-cells_GSM258621	CEL
113-Follicular-B-cells_GSM258621	CEL
114-Follicular-B-cells_GSM258621	CEL
115-Follicular-B-cells_GSM258621	CEL
116-Follicular-B-cells_GSM258621	CEL
117-Follicular-B-cells_GSM258621	CEL
118-Follicular-B-cells_GSM258621	CEL
119-Follicular-B-cells_GSM258621	CEL
120-Follicular-B-cells_GSM258621	CEL
121-Follicular-B-cells_GSM258621	CEL
122-Follicular-B-cells_GSM258621	CEL
123-Follicular-B-cells_GSM258621	CEL
124-Follicular-B-cells_GSM258621	CEL
125-Follicular-B-cells_GSM258621	CEL
126-Follicular-B-cells_GSM258621	CEL
127-Follicular-B-cells_GSM258621	CEL
128-Follicular-B-cells_GSM258621	CEL
129-Follicular-B-cells_GSM258621	CEL
130-Follicular-B-cells_GSM258621	CEL
131-Follicular-B-cells_GSM258621	CEL
132-Follicular-B-cells_GSM258621	CEL
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Cluster0188\_House keeping (10 nodes)

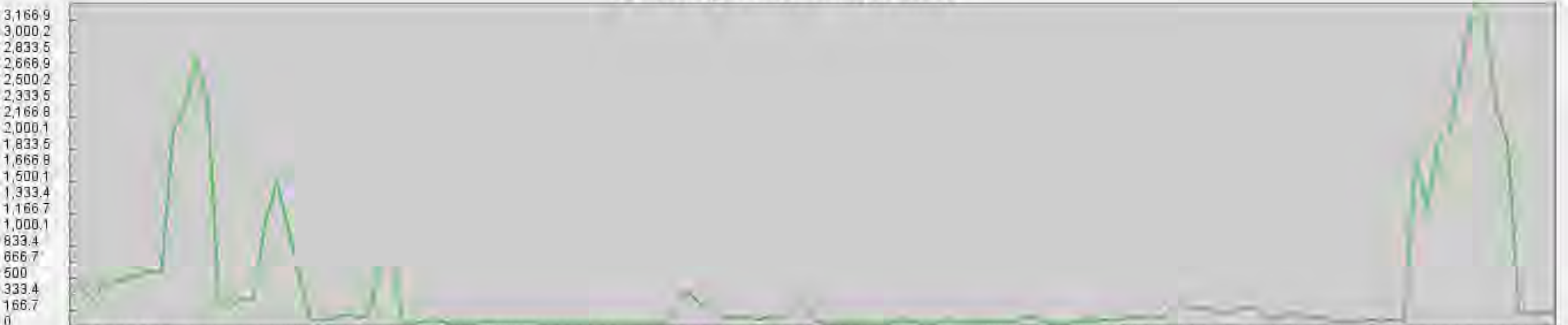
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165.8  
150.7  
135.6  
120.6  
105.5  
90.4  
75.4  
60.3  
45.2  
30.1  
15.1  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258705.CEL  
60-MM-LPS-6h GSM258702.CEL  
59-MM-LPS-6h GSM258701.CEL  
58-BMM-LPS-6h GSM258699.CEL  
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54-BMM-LPS-6h GSM258699.CEL  
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50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258720.CEL  
33-MEP GSM258719.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF-1 GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0189\_Intestine-related (10 nodes)

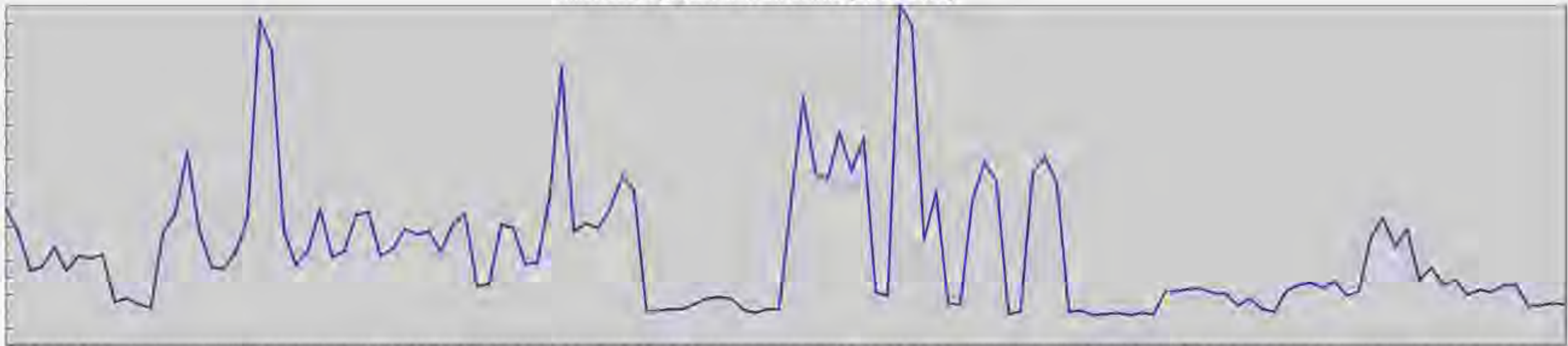


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 03-PP-M-cells\_GSM190791.CEL  
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 05-CT-V-M-cells\_GSM190793.CEL  
 06-CT-V-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMP-EP001001.CEL  
 11-FAE-RMP-EP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116357.CEL  
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 29-Bone marrow\_GSM258627.CEL  
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 34-MEP\_GSM258854.CEL  
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 36-GMP\_GSM258866.CEL  
 37-GMP\_GSM258866.CEL  
 38-GMP\_GSM258866.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Granulocytes\_GSM258712.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-Gf\_GSM258714.CEL  
 43-Mast-cells-Gf\_GSM258714.CEL  
 44-Mast-cells-IgE+Ad\_GSM258718.CEL  
 45-Mast-cells-IgE+Ad\_GSM258718.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
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 53-Plasmacytoid-DC\_GSM258649.CEL  
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 64-Osteoclasts\_GSM258743.CEL  
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 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258774.CEL  
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 72-Tregs\_GSM258778.CEL  
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 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258622.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
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 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465593.CEL  
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 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
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 96-Osteoblast-d21\_GSM258740.CEL  
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 98-10T12\_GSM258632.CEL  
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 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258656.CEL  
 106-Bruce4\_GSM258656.CEL  
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 108-MIMCD3\_GSM258723.CEL  
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 111-Astrocytes\_GSM241898.CEL  
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 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Lymph-nodes\_GSM258691.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
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Cluster0190\_Uncertain-low in many (10 nodes)

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219.6  
207.4  
195.2  
183  
170.8  
158.6  
146.4  
134.2  
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73.2  
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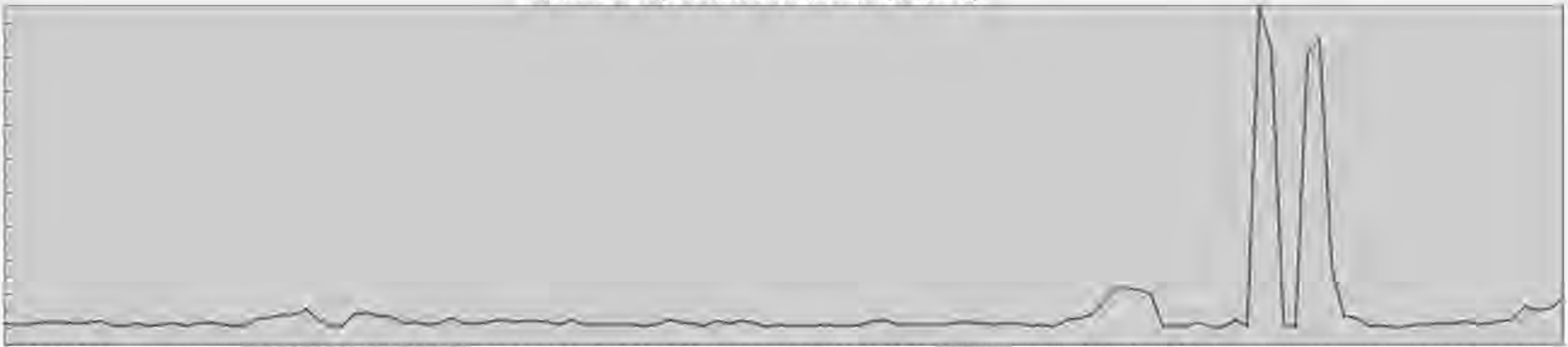


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 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
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 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
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 23-Paneth-cells\_GSM318589.CEL  
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 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266740.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258740.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258730.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258666.CEL  
 106-Bruce4\_GSM258665.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258724.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258726.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241899.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258768.CEL  
 115-Spleen\_GSM258769.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258692.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258678.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258676.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198102.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198104.CEL  
 126-Colon-d9\_GSM198105.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0191\_High in Bruce4 and min6 cells (10 nodes)

345.1  
327  
308.8  
290.7  
272.5  
254.3  
236.2  
218  
199.8  
181.7  
163.5  
145.3  
127.2  
109  
90.8  
72.7  
54.5  
36.3  
18.2  
0



30-NALT GSM289411 CELL  
 139-NALT GSM289410 CELL  
 138-NALT GSM289409 CELL  
 137-NALT GSM289408 CELL  
 136-Color-d9 GSM1988105 CELL  
 135-Color-d9 GSM1988104 CELL  
 134-Color-d9 GSM1988103 CELL  
 133-Color-d4 GSM1988102 CELL  
 132-Color-d4 GSM1988101 CELL  
 131-Intestine-large GSM258676 CELL  
 130-Intestine-large GSM258675 CELL  
 129-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258766 CELL  
 113-Neuro2a GSM258729 CELL  
 112-Neuro2a GSM258728 CELL  
 111-Astrocytes GSM241898 CELL  
 110-min6 GSM258726 CELL  
 109-min6 GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258655 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258739 CELL  
 101-NH3T3 GSM258738 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-T cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-B-cells GSM258664 CELL  
 77-Follicular-B-cells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM258706 CELL  
 60-MM-LPS-7h GSM258706 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Ismacryoid-DC GSM258650 CELL  
 52-Ismacryoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258732 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258668 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-GMP GSM258642 CELL  
 34-MIEP GSM258720 CELL  
 33-MIEP GSM258720 CELL  
 32-MIEP GSM258719 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258769 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-paneth-cells GSM318590 CELL  
 20-Colon-Crypt GSM480375 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-Gf GSM349880 CELL  
 16-Colon-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE RMPYEP002001 CELL  
 10-FAE RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-w-M-cells GSM190794 CELL  
 05-CT-y-M-cells GSM190793 CELL  
 04-PP-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



## Cluster0192\_Intestine-related (10 nodes)



0	PP-M-cells	GSM190789	CEL
1	PP-M-cells	GSM190790	CEL
2	PP-M-cells	GSM190791	CEL
3	PP-M-cells	GSM190792	CEL
4	CT-v-M-cells	GSM190793	CEL
5	CT-v-M-cells	GSM190794	CEL
6	CT-v-M-cells	GSM190795	CEL
7	Ileum-IEC	GSM190796	CEL
8	Ileum-IEC	GSM190797	CEL
9	Ileum-IEC	GSM190798	CEL
10	FAE-RMP	GSM190799	CEL
11	FAE-RMP	GSM190800	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Colon-IEC	GSM350375	CEL
16	Colon-Vill	GSM480362	cel
17	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116361	CEL
27	Paneth-cells	GSM116362	CEL
28	Bone marrow	GSM258677	CEL
29	Bone marrow	GSM258678	CEL
30	NALT	GSM289411	CELL
31	NALT	GSM289410	CELL
32	NALT	GSM289409	CELL
33	NALT	GSM289408	CELL
34	Colon-d9	GSM198810	CELL
35	Colon-d9	GSM198811	CELL
36	Colon-d9	GSM198812	CELL
37	Colon-d4	GSM198813	CELL
38	Colon-d4	GSM198814	CELL
39	Colon-d4	GSM198815	CELL
40	Intestine-large	GSM258675	CEL
41	Intestine-large	GSM258676	CEL
42	Intestine-small	GSM258677	CEL
43	Intestine-small	GSM258678	CEL
44	Spleen	GSM258679	CEL
45	Spleen	GSM258680	CEL
46	Neuro2a	GSM241898	CEL
47	Astrocytes	GSM241899	CEL
48	ming	GSM258726	CEL
49	ming	GSM258727	CEL
50	MIMCD3	GSM258728	CEL
51	MIMCD3	GSM258729	CEL
52	MIMCD3	GSM258730	CEL
53	Bruce4	GSM258731	CEL
54	Bruce4	GSM258732	CEL
55	C2C12	GSM258733	CEL
56	C2C12	GSM258734	CEL
57	NH3T3	GSM258735	CEL
58	NH3T3	GSM258736	CEL
59	3T3-L1	GSM258609	CEL
60	3T3-L1	GSM258610	CEL
61	10T1/2	GSM258631	CEL
62	10T1/2	GSM258632	CEL
63	Osteoblast-d21	GSM258740	CEL
64	Osteoblast-d21	GSM258739	CEL
65	Osteoblast-d14	GSM258738	CEL
66	Osteoblast-d14	GSM258737	CEL
67	Osteoblast-d5	GSM258742	CEL
68	Osteoblast-d5	GSM258741	CEL
69	Chondrocytes	GSM258741	CEL
70	Chondrocytes	GSM258740	CEL
71	Nat Helper cell	GSM465594	CEL
72	Nat Helper cell	GSM465593	CEL
73	LT cell	GSM465596	CEL
74	MS-1	GSM234692	CEL
75	Lymph-endo-cells	GSM143704	CEL
76	FDC	GSM481977	CEL
77	FDC	GSM481978	CEL
78	FDC	GSM481979	CEL
79	FDC	GSM481976	CEL
80	PP-FDC	GSM481976	CEL
81	PP-FDC	GSM481976	CEL
82	Y-RMLNDC	GSM20001	CEL
83	Y-RMLNDC	GSM20001	CEL
84	Follicular-Bcells	GSM258664	CEL
85	Follicular-Bcells	GSM258663	CEL
86	MZ-Bcell	GSM258627	CEL
87	MZ-Bcell	GSM258627	CEL
88	BAF3	GSM258620	CEL
89	BAF3	GSM258619	CEL
90	Tregs	GSM258778	CEL
91	Tregs	GSM258777	CEL
92	Tregs	GSM258777	CEL
93	Tregs	GSM258777	CEL
94	Tregs	GSM258777	CEL
95	Tregs	GSM258777	CEL
96	Tregs	GSM258777	CEL
97	Tregs	GSM258777	CEL
98	Tregs	GSM258777	CEL
99	Tregs	GSM258777	CEL
100	Tregs	GSM258777	CEL
101	Tregs	GSM258777	CEL
102	Tregs	GSM258777	CEL
103	Tregs	GSM258777	CEL
104	Tregs	GSM258777	CEL
105	Tregs	GSM258777	CEL
106	Tregs	GSM258777	CEL
107	Tregs	GSM258777	CEL
108	Tregs	GSM258777	CEL
109	Tregs	GSM258777	CEL
110	Tregs	GSM258777	CEL
111	Tregs	GSM258777	CEL
112	Tregs	GSM258777	CEL
113	Tregs	GSM258777	CEL
114	Tregs	GSM258777	CEL
115	Tregs	GSM258777	CEL
116	Tregs	GSM258777	CEL
117	Tregs	GSM258777	CEL
118	Tregs	GSM258777	CEL
119	Tregs	GSM258777	CEL
120	Tregs	GSM258777	CEL
121	Tregs	GSM258777	CEL
122	Tregs	GSM258777	CEL
123	Tregs	GSM258777	CEL
124	Tregs	GSM258777	CEL
125	Tregs	GSM258777	CEL
126	Tregs	GSM258777	CEL
127	Tregs	GSM258777	CEL
128	Tregs	GSM258777	CEL
129	Tregs	GSM258777	CEL
130	Tregs	GSM258777	CEL



Cluster0193\_Intestine-related (10 nodes)

2,718  
2,575  
2,431.9  
2,288.9  
2,145.8  
2,002.8  
1,859.7  
1,716.7  
1,573.6  
1,430.6  
1,287.5  
1,144.4  
1,001.4  
858.3  
715.3  
572.2  
429.2  
286.1  
143.1  
0

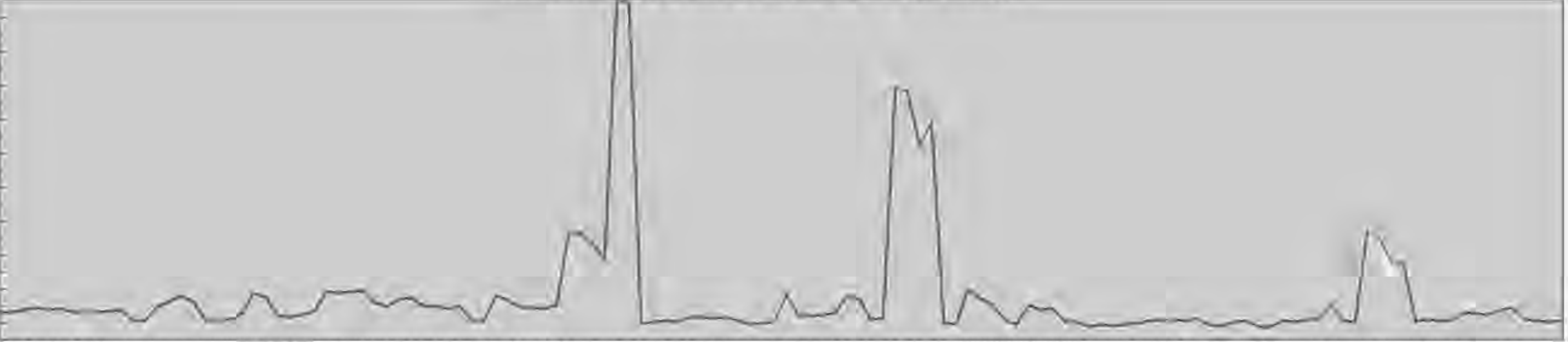


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988104 CELL  
124-Color-d9 GSM1988103 CELL  
123-Color-d4 GSM1988102 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Lymph-nodes GSM258692 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258768 CELL  
113-Neuro2a GSM241898 CELL  
112-Neuro2a GSM241899 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258739 CELL  
101-NH3T3 GSM258739 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481978 CELL  
81-PP-FDC GSM481976 CELL  
80-F-LY RMLNDCC003001 CELL  
79-F-LY RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells CD8+ GSM258776 CELL  
69-T-cells CD8+ GSM258774 CELL  
68-T-cells CD4+ GSM258773 CELL  
67-T-cells CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM268706 CELL  
60-MM-LPS-7h GSM268706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Ismacryoid-DC GSM258650 CELL  
52-Ismacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258712 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258665 CELL  
35-CMP GSM258642 CELL  
34-CMP GSM258642 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HSC GSM258770 CELL  
30-HSC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM318590 CELL  
20-Color-Crypt GSM480375 cel  
19-Color-Vill GSM480363 cel  
18-Color-Vill GSM480362 cel  
17-Color-IEC-GE GSM349880 CELL  
16-Color-IEC-GE GSM350375 CELL  
15-Ileum-IEC GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE RMPYEP002001 CELL  
10-FAE RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-CT-v-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0194\_High in plasmacytoid DC and B cells (10 nodes)

1,050.4  
995.1  
939.8  
884.6  
829.3  
774  
718.7  
663.4  
608.1  
552.8  
497.6  
442.3  
387  
331.7  
276.4  
221.1  
165.9  
110.6  
55.3  
0

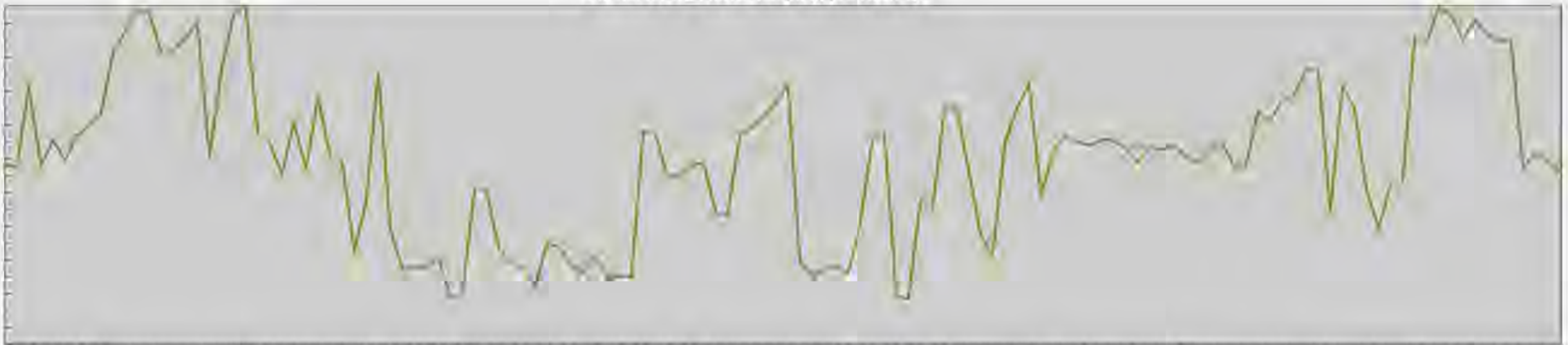


30-NALT GSM289411 CEL  
 29-NALT GSM289410 CEL  
 28-NALT GSM289409 CEL  
 27-NALT GSM289408 CEL  
 26-paneth-cells GSM1988105 CEL  
 25-paneth-cells GSM1988104 CEL  
 24-paneth-cells GSM1988103 CEL  
 23-paneth-cells GSM1988102 CEL  
 22-paneth-cells GSM3185890 CEL  
 21-Colon-Crypt GSM480375 cel  
 20-Colon-Crypt GSM480374 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-Gf GSM349880 CEL  
 16-Colon-IEC-Gf GSM350375 CEL  
 15-Ileum-IEC-Gf GSM350376 CEL  
 14-Ileum-IEC GSM350371 CEL  
 13-Small-intestine-epithelium\_RMINEP002001 CEL  
 12-Small-intestine-epithelium\_RMINEP001001 CEL  
 11-FAE-RMPYEP002001 CEL  
 10-FAE-RMPYEP001001 CEL  
 09-Ileum-IEC GSM190797 CEL  
 08-Ileum-IEC GSM190796 CEL  
 07-Ileum-IEC GSM190795 CEL  
 06-CT-v-M-cells GSM190794 CEL  
 05-CT-v-M-cells GSM190793 CEL  
 04-CT-v-M-cells GSM190792 CEL  
 03-PP-M-cells GSM190791 CEL  
 02-PP-M-cells GSM190790 CEL  
 01-PP-M-cells GSM190789 CEL  
 101-PP-M-cells GSM190789 CEL  
 100-3T3-L1 GSM258610 CEL  
 99-3T3-L1 GSM258609 CEL  
 98-10T12 GSM258632 CEL  
 97-10T12 GSM258631 CEL  
 96-Osteoblast-d21 GSM258740 CEL  
 95-Osteoblast-d21 GSM258739 CEL  
 94-Osteoblast-d14 GSM258738 CEL  
 93-Osteoblast-d14 GSM258737 CEL  
 92-Osteoblast-d5 GSM258742 CEL  
 91-Osteoblast-d5 GSM258741 CEL  
 90-Chondrocytes GSM266741 CEL  
 89-Nat\_Helper cell GSM465594 CEL  
 88-Nat\_Helper cell GSM465593 CEL  
 87-LT cell GSM465596 CEL  
 86-MS-1 GSM234692 CEL  
 85-Lymph-endo-cells GSM143704 CEL  
 84-PP-FDC GSM481977 CEL  
 83-PP-FDC GSM481978 CEL  
 82-PP-FDC GSM481976 CEL  
 81-LY-RMLND C003001 CEL  
 80-LY-RMLND C003001 CEL  
 79-Follicular-B cells GSM258664 CEL  
 78-Follicular-B cells GSM258663 CEL  
 77-MZ-Bcell GSM258627 CEL  
 76-MZ-Bcell GSM258627 CEL  
 75-BAF3 GSM258620 CEL  
 74-BAF3 GSM258619 CEL  
 73-Tregs GSM258778 CEL  
 72-Tregs GSM258777 CEL  
 71-T-cells-CD8+ GSM258776 CEL  
 70-T-cells-CD8+ GSM258774 CEL  
 69-T-cells-CD4+ GSM258773 CEL  
 68-T-cells-CD4+ GSM258773 CEL  
 67-Thymocyte-DN GSM465595 CEL  
 66-Osteoclasts GSM258743 CEL  
 65-Microglia GSM258721 CEL  
 64-Microglia GSM258721 CEL  
 63-PP-7h GSM258706 CEL  
 62-PP-7h GSM258706 CEL  
 61-PP-7h GSM258705 CEL  
 60-MM-LPS-6h GSM258702 CEL  
 59-MM-LPS-6h GSM258702 CEL  
 58-MM-LPS-6h GSM258699 CEL  
 57-MM-LPS-6h GSM258699 CEL  
 56-MM-LPS-6h GSM258694 CEL  
 55-MM-LPS-6h GSM258694 CEL  
 54-Plasmacytoid-DC GSM258650 CEL  
 53-Plasmacytoid-DC GSM258649 CEL  
 52-CD8a-DC GSM258647 CEL  
 51-CD8a-DC GSM258647 CEL  
 50-CD8a+DC GSM258646 CEL  
 49-CD8a+DC GSM258646 CEL  
 48-NK-cells GSM258732 CEL  
 47-NK-cells GSM258731 CEL  
 46-Mast-cells-IgE+Ad GSM258719 CEL  
 45-Mast-cells-IgE+Ad GSM258714 CEL  
 44-Mast-cells-IgE GSM258713 CEL  
 43-Mast-cells-IgE GSM258713 CEL  
 42-Mast-cells-IgE GSM258712 CEL  
 41-Mast-cells-IgE GSM258712 CEL  
 40-Granulocytes GSM258667 CEL  
 39-Granulocytes GSM258667 CEL  
 38-GMP GSM258666 CEL  
 37-GMP GSM258666 CEL  
 36-GMP GSM258666 CEL  
 35-GMP GSM258666 CEL  
 34-MEP GSM258642 CEL  
 33-MEP GSM258642 CEL  
 32-MEP GSM258642 CEL  
 31-HSC GSM258770 CEL  
 30-HSC GSM258770 CEL  
 29-Bone marrow GSM258628 CEL  
 28-Bone marrow GSM258627 CEL  
 27-paneth-cells-Gf-1 GSM116357 CEL  
 26-paneth-cells-Gf-1 GSM116350 CEL  
 25-paneth-cells-Gf-1 GSM116350 CEL  
 24-paneth-cells-Gf-1 GSM116350 CEL  
 23-paneth-cells-Gf-1 GSM116350 CEL  
 22-paneth-cells-Gf-1 GSM116350 CEL  
 21-Colon-Crypt GSM480375 cel  
 20-Colon-Crypt GSM480374 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-Gf GSM349880 CEL  
 16-Colon-IEC-Gf GSM350375 CEL  
 15-Ileum-IEC-Gf GSM350376 CEL  
 14-Ileum-IEC GSM350371 CEL  
 13-Small-intestine-epithelium\_RMINEP002001 CEL  
 12-Small-intestine-epithelium\_RMINEP001001 CEL  
 11-FAE-RMPYEP002001 CEL  
 10-FAE-RMPYEP001001 CEL  
 09-Ileum-IEC GSM190797 CEL  
 08-Ileum-IEC GSM190796 CEL  
 07-Ileum-IEC GSM190795 CEL  
 06-CT-v-M-cells GSM190794 CEL  
 05-CT-v-M-cells GSM190793 CEL  
 04-CT-v-M-cells GSM190792 CEL  
 03-PP-M-cells GSM190791 CEL  
 02-PP-M-cells GSM190790 CEL  
 01-PP-M-cells GSM190789 CEL



Cluster0195\_House keeping (10 nodes)

6,773.3  
6,416.8  
6,060.3  
5,703.8  
5,347.3  
4,990.8  
4,634.3  
4,277.8  
3,921.4  
3,564.9  
3,208.4  
2,851.9  
2,495.4  
2,138.9  
1,782.4  
1,425.9  
1,069.5  
713  
356.5  
0



130- NALT GSM289411.CEL  
129- NALT GSM289410.CEL  
128- NALT GSM289409.CEL  
127- NALT GSM289408.CEL  
126- Colon-d9 GSM1988105.CEL  
125- Colon-d9 GSM1988104.CEL  
124- Colon-d9 GSM1988103.CEL  
123- Colon-d4 GSM1988102.CEL  
122- Colon-d4 GSM1988101.CEL  
121- Intestine-large GSM258676.CEL  
120- Intestine-large GSM258675.CEL  
119- Intestine-small GSM258678.CEL  
118- Intestine-small GSM258679.CEL  
117- Lymph-nodes GSM258691.CEL  
116- Lymph-nodes GSM258726.CEL  
115- Spleen GSM258767.CEL  
114- Spleen GSM258767.CEL  
113- Neuro2a GSM258728.CEL  
112- Neuro2a GSM258727.CEL  
111- Astrocytes GSM241898.CEL  
110- mimg GSM258726.CEL  
109- mimg GSM258725.CEL  
108- MIMCD3 GSM258724.CEL  
107- MIMCD3 GSM258723.CEL  
106- Bruce4 GSM258656.CEL  
105- Bruce4 GSM258656.CEL  
104- C2C12 GSM258690.CEL  
103- C2C12 GSM258629.CEL  
102- NIH3T3 GSM258739.CEL  
101- NIH3T3 GSM258739.CEL  
100- 3T3-L1 GSM258610.CEL  
99- 3T3-L1 GSM258609.CEL  
98- 10T12 GSM258632.CEL  
97- 10T12 GSM258631.CEL  
96- Osteoblast-d21 GSM258740.CEL  
95- Osteoblast-d21 GSM258739.CEL  
94- Osteoblast-d14 GSM258738.CEL  
93- Osteoblast-d14 GSM258737.CEL  
92- Osteoblast-d5 GSM258742.CEL  
91- Osteoblast-d5 GSM258741.CEL  
90- Chondrocytes GSM266741.CEL  
89- Chondrocytes GSM266740.CEL  
88- Nat Helper cell GSM465594.CEL  
87- Nat Helper cell GSM465593.CEL  
86- Tt cell GSM465596.CEL  
85- MS-1 GSM234692.CEL  
84- Lymph-endo-cells GSM143704.CEL  
83- PP-FDC GSM481977.CEL  
82- PP-FDC GSM481978.CEL  
81- PP-FDC GSM481976.CEL  
80- FLY RMLNDCC003001.CEL  
79- FLY RMLNDCC003001.CEL  
78- Follicular-Bcells GSM258664.CEL  
77- Follicular-Bcells GSM258664.CEL  
76- MZ-Bcell GSM258627.CEL  
75- MZ-Bcell GSM258627.CEL  
74- BAF3 GSM258620.CEL  
73- BAF3 GSM258619.CEL  
72- Tregs GSM258778.CEL  
71- Tregs GSM258777.CEL  
70- T-cells-CD8+ GSM258776.CEL  
69- T-cells-CD8+ GSM258775.CEL  
68- T-cells-CD4+ GSM258774.CEL  
67- T-cells-CD4+ GSM258773.CEL  
66- Thymocyte-DN GSM465595.CEL  
65- Osteoclasts GSM258743.CEL  
64- Microglia GSM258721.CEL  
63- Microglia GSM258721.CEL  
62- PMM-7h GSM258706.CEL  
61- PMM-7h GSM258706.CEL  
60- PMM-LPS-7h GSM268705.CEL  
59- PMM-LPS-6h GSM258702.CEL  
58- PMM-LPS-6h GSM258702.CEL  
57- BMM-LPS-6h GSM258699.CEL  
56- BMM-LPS-6h GSM258699.CEL  
55- BMM-LPS-6h GSM258699.CEL  
54- BMM-LPS-6h GSM258699.CEL  
53- BMM-LPS-6h GSM258699.CEL  
52- BMM-LPS-6h GSM258699.CEL  
51- BMM-LPS-6h GSM258699.CEL  
50- CD8a-DC GSM258647.CEL  
49- CD8a-DC GSM258647.CEL  
48- CD8a+DC GSM258646.CEL  
47- NK-cells GSM258732.CEL  
46- NK-cells GSM258732.CEL  
45- Mast-cells-IgE+Ad GSM258718.CEL  
44- Mast-cells-IgE+Ad GSM258717.CEL  
43- Mast-cells-IgE GSM258714.CEL  
42- Mast-cells-IgE GSM258713.CEL  
41- Mast-cells GSM258712.CEL  
40- Granulocytes GSM258668.CEL  
39- Granulocytes GSM258667.CEL  
38- GMP GSM258666.CEL  
37- GMP GSM258666.CEL  
36- GMP GSM258666.CEL  
35- CMP GSM258642.CEL  
34- CMP GSM258642.CEL  
33- MIEP GSM258720.CEL  
32- MIEP GSM258720.CEL  
31- HSC GSM258770.CEL  
30- HSC GSM258770.CEL  
29- Bone marrow GSM258628.CEL  
28- Bone marrow GSM258627.CEL  
27- Paneth-cells-GF-1 GSM116357.CEL  
26- Paneth-cells-GF-1 GSM116357.CEL  
25- Paneth-cells GSM116350.CEL  
24- Paneth-cells GSM116350.CEL  
23- Paneth-cells GSM318589.CEL  
22- Paneth-cells GSM318589.CEL  
21- Colon-Crypt GSM480375.CEL  
20- Colon-Crypt GSM480374.CEL  
19- Colon-Vill GSM480363.CEL  
18- Colon-Vill GSM480362.CEL  
17- Colon-IEC-GF GSM349880.CEL  
16- Colon-IEC-GF GSM350375.CEL  
15- Ileum-IEC-GF GSM350376.CEL  
14- Ileum-IEC GSM350371.CEL  
13- Small-intestine-epithelium RMINEP002901.CEL  
12- Small-intestine-epithelium RMINEP001001.CEL  
11- FAE RMPYEP002001.CEL  
10- FAE RMPYEP001001.CEL  
09- Ileum-IEC GSM190797.CEL  
08- Ileum-IEC GSM190796.CEL  
07- Ileum-IEC GSM190795.CEL  
06- CT-v-M-cells GSM190794.CEL  
05- CT-v-M-cells GSM190793.CEL  
04- CT-v-M-cells GSM190792.CEL  
03- PP-M-cells GSM190791.CEL  
02- PP-M-cells GSM190790.CEL  
01- PP-M-cells GSM190789.CEL



Cluster0196\_Mesenchyme-related/extracellular matrix (10 nodes)

4,787.7  
4,535.7  
4,283.7  
4,031.7  
3,779.7  
3,527.8  
3,275.8  
3,023.8  
2,771.8  
2,519.8  
2,267.8  
2,015.9  
1,763.9  
1,511.9  
1,259.9  
1,007.9  
755.9  
504  
252  
0



130	NALT	GSM2899411	CELL
129	NALT	GSM2899410	CELL
128	NALT	GSM2899409	CELL
127	NALT	GSM2899408	CELL
126	Colon-d9	GSM1988105	CELL
125	Colon-d9	GSM1988104	CELL
124	Colon-d9	GSM1988103	CELL
123	Colon-d4	GSM1988102	CELL
122	Colon-d4	GSM1988101	CELL
121	Intestine-large	GSM258676	CELL
120	Intestine-large	GSM258675	CELL
119	Intestine-small	GSM258674	CELL
118	Intestine-small	GSM258673	CELL
117	Lymph-nodes	GSM258672	CELL
116	Lymph-nodes	GSM258671	CELL
115	Spleen	GSM258670	CELL
114	Spleen	GSM258669	CELL
113	Neuro2a	GSM2418998	CELL
112	Neuro2a	GSM2418997	CELL
111	Astrocytes	GSM2418996	CELL
110	mim6	GSM258726	CELL
109	mim6	GSM258725	CELL
108	MIMCD3	GSM258724	CELL
107	MIMCD3	GSM258723	CELL
106	Bruce4	GSM258666	CELL
105	Bruce4	GSM258665	CELL
104	C2C12	GSM258690	CELL
103	C2C12	GSM258689	CELL
102	NH3T3	GSM258730	CELL
101	NH3T3	GSM258729	CELL
100	3T3-L1	GSM258610	CELL
99	3T3-L1	GSM258609	CELL
98	10T1/2	GSM258632	CELL
97	10T1/2	GSM258631	CELL
96	Osteoblast-d21	GSM258740	CELL
95	Osteoblast-d21	GSM258739	CELL
94	Osteoblast-d14	GSM258738	CELL
93	Osteoblast-d14	GSM258737	CELL
92	Osteoblast-d5	GSM258742	CELL
91	Osteoblast-d5	GSM258741	CELL
90	Chondrocytes	GSM266741	CELL
89	Chondrocytes	GSM266740	CELL
88	Nat Helper cell	GSM465594	CELL
87	Nat Helper cell	GSM465593	CELL
86	Tt cell	GSM465596	CELL
85	MS-1	GSM234692	CELL
84	Lymph-endo-cells	GSM143704	CELL
83	PP-FDC	GSM481977	CELL
82	PP-FDC	GSM481978	CELL
81	PP-FDC	GSM481976	CELL
80	E-L	RMLNDC003001	CELL
79	E-L	RMLNDC003001	CELL
78	Follicular-Bcells	GSM258664	CELL
77	Follicular-Bcells	GSM258663	CELL
76	MZ-Bcell	GSM258622	CELL
75	MZ-Bcell	GSM258621	CELL
74	BAF3	GSM258620	CELL
73	BAF3	GSM258619	CELL
72	Tregs	GSM258778	CELL
71	Tregs	GSM258777	CELL
70	T-cells-CD8+	GSM258776	CELL
69	T-cells-CD8+	GSM258775	CELL
68	T-cells-CD4+	GSM258774	CELL
67	T-cells-CD4+	GSM258773	CELL
66	Thymocyte-DN	GSM465595	CELL
65	Osteoclasts	GSM258743	CELL
64	Microglia	GSM258721	CELL
63	Microglia	GSM258721	CELL
62	MM-LPS-7h	GSM268706	CELL
61	MM-LPS-7h	GSM268706	CELL
60	MM-LPS-6h	GSM268700	CELL
59	MM-LPS-6h	GSM268700	CELL
58	MM-LPS-6h	GSM268699	CELL
57	MM-LPS-6h	GSM268699	CELL
56	MM-LPS-6h	GSM268699	CELL
55	MM-LPS-6h	GSM268699	CELL
54	MM-LPS-6h	GSM268699	CELL
53	MM-LPS-6h	GSM268699	CELL
52	MM-LPS-6h	GSM268699	CELL
51	MM-LPS-6h	GSM268699	CELL
50	CD8a-DC	GSM258647	CELL
49	CD8a-DC	GSM258647	CELL
48	CD8a+DC	GSM258646	CELL
47	NK-cells	GSM258732	CELL
46	NK-cells	GSM258731	CELL
45	Mast-cells-IgE+Ad	GSM258719	CELL
44	Mast-cells-IgE+Ad	GSM258719	CELL
43	Mast-cells-IgE	GSM258714	CELL
42	Mast-cells-IgE	GSM258713	CELL
41	Mast-cells	GSM258712	CELL
40	Granulocytes	GSM258668	CELL
39	Granulocytes	GSM258667	CELL
38	GMP	GSM258666	CELL
37	GMP	GSM258665	CELL
36	GMP	GSM258664	CELL
35	GMP	GSM258642	CELL
34	MPEP	GSM258720	CELL
33	MPEP	GSM258719	CELL
32	HESC	GSM258770	CELL
31	HESC	GSM258770	CELL
30	Bone marrow	GSM258628	CELL
29	Bone marrow	GSM258627	CELL
28	paneth-cells-GF	GSM116358	CELL
27	paneth-cells-GF	GSM116357	CELL
26	paneth-cells	GSM116350	CELL
25	paneth-cells	GSM116350	CELL
24	paneth-cells	GSM116359	CELL
23	paneth-cells	GSM116359	CELL
22	paneth-cells	GSM116359	CELL
21	Colon-Crypt	GSM480375	cel
20	Colon-Crypt	GSM480374	cel
19	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480362	cel
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	ileum-IEC	GSM350376	CEL
14	ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002901	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE-RMP	P002001	CEL
10	FAE-RMP	P001001	CEL
09	ileum-IEC	GSM190797	CELL
08	ileum-IEC	GSM190796	CELL
07	ileum-IEC	GSM190795	CELL
06	CT-v-M-cells	GSM190794	CELL
05	CT-v-M-cells	GSM190793	CELL
04	PP-M-cells	GSM190792	CELL
03	PP-M-cells	GSM190791	CELL
02	PP-M-cells	GSM190790	CELL
01	PP-M-cells	GSM190789	CELL



Cluster0197\_Small intestine-related (10 nodes)

2,583.7  
2,447.7  
2,311.8  
2,175.8  
2,039.8  
1,903.8  
1,767.8  
1,631.8  
1,495.8  
1,359.9  
1,223.9  
1,087.9  
951.9  
815.9  
679.9  
543.9  
408  
272  
136  
0



01-PP-M-cells	GSM190789	CEL
02-PP-M-cells	GSM190790	CEL
03-PP-M-cells	GSM190791	CEL
04-CT-Y-M-cells	GSM190792	CEL
05-CT-Y-M-cells	GSM190793	CEL
06-CT-W-M-cells	GSM190794	CEL
07-Ileum-EC	GSM190795	CEL
08-Ileum-EC	GSM190796	CEL
09-Ileum-EC	GSM190797	CEL
10-FAE-RMP	GSM190798	CEL
11-FAE-RMP	GSM190799	CEL
12-Small intestine-epithelium	RMINEP001001	CEL
13-Small intestine-epithelium	RMINEP002001	CEL
14-Ileum-EC	GSM350376	CEL
15-Colon-EC	GSM350375	CEL
16-Colon-VIII	GSM480362	cel
17-Colon-VIII	GSM480363	cel
18-Colon-VIII	GSM480364	cel
19-Colon-Crypt	GSM480374	cel
20-Colon-Crypt	GSM480375	cel
21-Paneth-cells	GSM318590	CEL
22-Paneth-cells	GSM318589	CEL
23-Paneth-cells	GSM318588	CEL
24-Paneth-cells	GSM116359	CEL
25-Paneth-cells	GSM116350	CEL
26-Paneth-cells	GSM116357	CEL
27-Paneth-cells	GSM116358	CEL
28-Bone marrow	GSM258627	CEL
29-Bone marrow	GSM258628	CEL
30-NALT	GSM289411	CELL
31-NALT	GSM289410	CELL
32-NALT	GSM289409	CELL
33-NALT	GSM289408	CELL
34-Colon-d9	GSM198810	CELL
35-Colon-d9	GSM198811	CELL
36-Colon-d9	GSM198812	CELL
37-Colon-d4	GSM198813	CELL
38-Colon-d4	GSM198814	CELL
39-Colon-d4	GSM198815	CELL
40-Ileum-large	GSM258675	CEL
41-Ileum-large	GSM258676	CEL
42-Ileum-large	GSM258677	CEL
43-Ileum-small	GSM258678	CEL
44-Ileum-small	GSM258679	CEL
45-Lymph-nodes	GSM258680	CEL
46-Spleen	GSM258681	CEL
47-Spleen	GSM258682	CEL
48-Neuro2a	GSM241898	CEL
49-Astrocytes	GSM241899	CEL
50-mimb	GSM258725	CELL
51-mimb	GSM258726	CELL
52-mimb	GSM258727	CELL
53-MIMCD3	GSM258728	CELL
54-MIMCD3	GSM258729	CELL
55-MIMCD3	GSM258730	CELL
56-Bruce4	GSM258690	CELL
57-Bruce4	GSM258691	CELL
58-Bruce4	GSM258692	CELL
59-C2C12	GSM258693	CELL
60-C2C12	GSM258694	CELL
61-NH3T3	GSM258731	CELL
62-NH3T3	GSM258732	CELL
63-3T3-L1	GSM258610	CELL
64-3T3-L1	GSM258609	CELL
65-10T12	GSM258631	CELL
66-10T12	GSM258632	CELL
67-Osteoblast-d21	GSM258740	CELL
68-Osteoblast-d21	GSM258739	CELL
69-Osteoblast-d14	GSM258738	CELL
70-Osteoblast-d14	GSM258737	CELL
71-Osteoblast-d5	GSM258742	CELL
72-Osteoblast-d5	GSM258741	CELL
73-Chondrocytes	GSM266741	CELL
74-Chondrocytes	GSM266740	CELL
75-Nat Helper cell	GSM465594	CELL
76-Nat Helper cell	GSM465593	CELL
77-LT cell	GSM465596	CELL
78-MS-1	GSM234692	CEL
79-Lymph-endo-cells	GSM143704	CEL
80-PP-FDC	GSM481977	CEL
81-PP-FDC	GSM481978	CEL
82-PP-FDC	GSM481979	CEL
83-F-LY	RMLNDC002001	CEL
84-F-LY	RMLNDC002001	CEL
85-F-LY	RMLNDC002001	CEL
86-Follicular-B-cells	GSM258664	CEL
87-Follicular-B-cells	GSM258665	CEL
88-MZ-Bcell	GSM258621	CEL
89-MZ-Bcell	GSM258622	CEL
90-BAF3	GSM258620	CEL
91-BAF3	GSM258619	CEL
92-Tregs	GSM258778	CEL
93-Tregs	GSM258777	CEL
94-T-cells-CD8+	GSM258776	CEL
95-T-cells-CD8+	GSM258775	CEL
96-T-cells-CD4+	GSM258774	CEL
97-T-cells-CD4+	GSM258773	CEL
98-Thymocyte-DN	GSM465595	CEL
99-Osteoclasts	GSM258743	CEL
100-Microglia	GSM258721	CEL
101-PP-7h	GSM258706	CEL
102-PP-7h	GSM258705	CEL
103-PP-6h	GSM258702	CEL
104-PP-6h	GSM258701	CEL
105-BMM-LPS-6h	GSM258699	CEL
106-BMM-LPS-6h	GSM258698	CEL
107-BMM-LPS-6h	GSM258697	CEL
108-BMM-LPS-6h	GSM258696	CEL
109-BMM-LPS-6h	GSM258695	CEL
110-BMM-LPS-6h	GSM258694	CEL
111-Ismacryoid-DC	GSM258650	CEL
112-Ismacryoid-DC	GSM258649	CEL
113-CD8a-DC	GSM258647	CEL
114-CD8a-DC	GSM258647	CEL
115-CD8a+DC	GSM258646	CEL
116-CD8a+DC	GSM258645	CEL
117-NK-cells	GSM258732	CEL
118-NK-cells	GSM258731	CEL
119-Mast-cells-IgE+Ad	GSM258719	CEL
120-Mast-cells-IgE+Ad	GSM258718	CEL
121-Mast-cells-IgE	GSM258714	CEL
122-Mast-cells-IgE	GSM258713	CEL
123-Mast-cells-IgE	GSM258712	CEL
124-Mast-cells-IgE	GSM258711	CEL
125-Granulocytes	GSM258667	CEL
126-Granulocytes	GSM258666	CEL
127-GMP	GSM258665	CEL
128-GMP	GSM258664	CEL
129-GMP	GSM258642	CEL
130-GMP	GSM258641	CEL
131-MEP	GSM258720	CEL
132-MEP	GSM258719	CEL
133-HESC	GSM258770	CEL
134-HESC	GSM258769	CEL



Cluster0198\_Uncertain-low in many (10 nodes)

81.5  
77.2  
72.9  
68.7  
64.4  
60.1  
55.8  
51.5  
47.2  
42.9  
38.6  
34.3  
30  
25.7  
21.5  
17.2  
12.9  
8.6  
4.3  
0

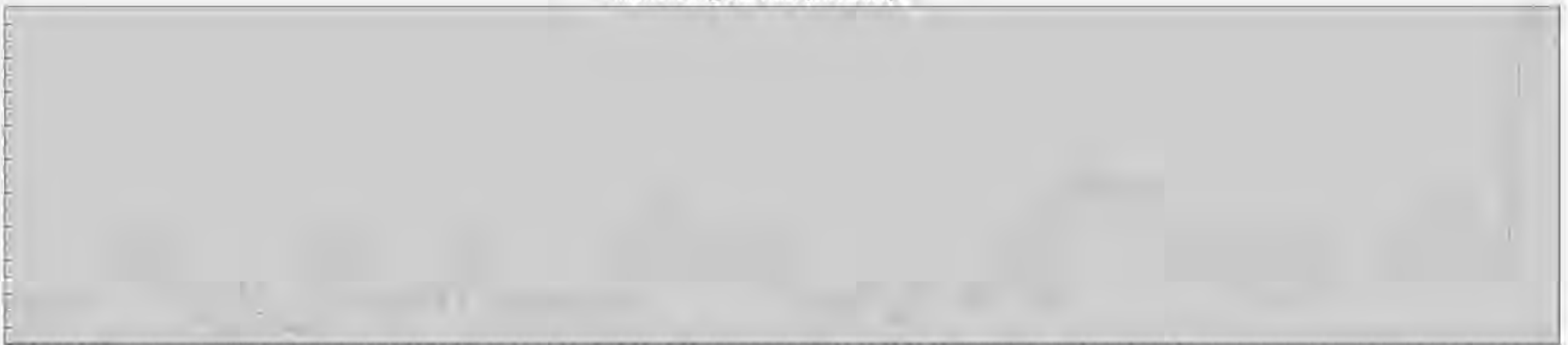


130- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 128- NALT GSM289409 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258677 CELL  
 118- Intestine-small GSM258692 CELL  
 117- Lymph-nodes GSM258691 CELL  
 116- Lymph-nodes GSM258726 CELL  
 115- Spleen GSM258766 CELL  
 114- Spleen GSM258767 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM241898 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258725 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258723 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258656 CELL  
 105- Bruce4 GSM258656 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258629 CELL  
 102- NH3T3 GSM258739 CELL  
 101- NH3T3 GSM258739 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T12 GSM258632 CELL  
 97- 10T12 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Nat Helper cell GSM266740 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- Tt cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- PP-FDC GSM481977 CELL  
 82- PP-FDC GSM481978 CELL  
 81- PP-FDC GSM481976 CELL  
 80- E-L Y RMLNDCC003001 CELL  
 79- E-L Y RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258664 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258627 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258778 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258774 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- T-cells-CD4+ GSM258743 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- MM-LPS-7h GSM258706 CELL  
 61- MM-LPS-7h GSM258706 CELL  
 60- MM-LPS-6h GSM258702 CELL  
 59- MM-LPS-6h GSM258702 CELL  
 58- MM-LPS-6h GSM258699 CELL  
 57- MM-LPS-6h GSM258699 CELL  
 56- MM-LPS-6h GSM258694 CELL  
 55- MM-LPS-6h GSM258694 CELL  
 54- Plasmacytoid-DC GSM258650 CELL  
 53- Plasmacytoid-DC GSM258649 CELL  
 52- CD8a-DC GSM258647 CELL  
 51- CD8a-DC GSM258647 CELL  
 50- CD8a+DC GSM258646 CELL  
 49- CD8a+DC GSM258646 CELL  
 48- NK-cells GSM258732 CELL  
 47- NK-cells GSM258732 CELL  
 46- Mast-cells-IgE+Ad GSM258719 CELL  
 45- Mast-cells-IgE+Ad GSM258719 CELL  
 44- Mast-cells-IgE GSM258714 CELL  
 43- Mast-cells-IgE GSM258713 CELL  
 42- Mast-cells-IgE GSM258712 CELL  
 41- Mast-cells GSM258712 CELL  
 40- Granulocytes GSM258667 CELL  
 39- Granulocytes GSM258667 CELL  
 38- GMP GSM258666 CELL  
 37- GMP GSM258666 CELL  
 36- GMP GSM258666 CELL  
 35- CMP GSM258642 CELL  
 34- CMP GSM258642 CELL  
 33- MIEP GSM258720 CELL  
 32- MIEP GSM258720 CELL  
 31- HSC GSM258770 CELL  
 30- HSC GSM258770 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116357 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 cel  
 20- Colon-Crypt GSM480374 cel  
 19- Colon-Vill GSM480363 cel  
 18- Colon-Vill GSM480362 cel  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002901 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP002001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- CT-v-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



## Cluster0199\_Uncertain (10 nodes)

2,090.4  
1,980.4  
1,870.4  
1,760.3  
1,650.3  
1,540.3  
1,430.3  
1,320.3  
1,210.2  
1,100.2  
990.2  
880.2  
770.1  
660.1  
550.1  
440.1  
330.1  
220  
110  
0

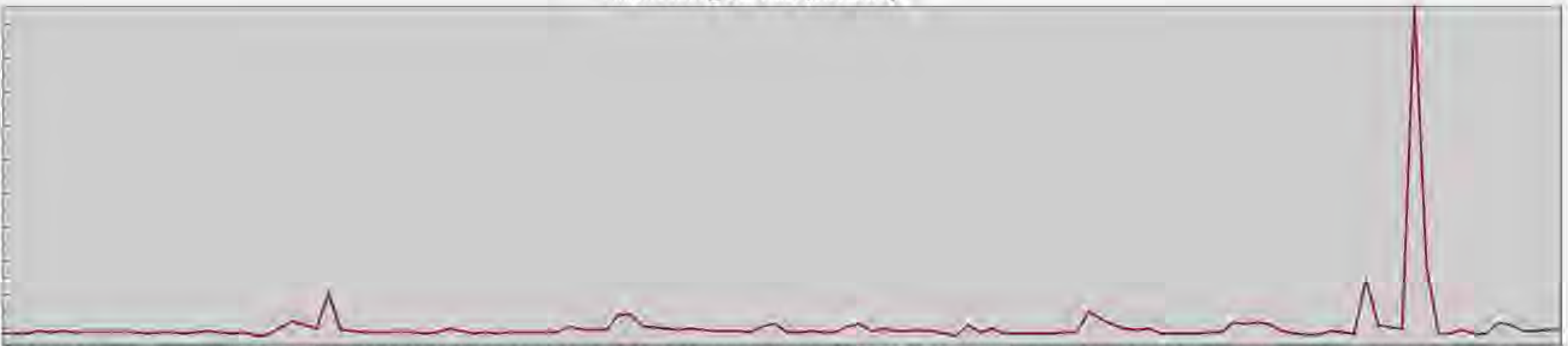


130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-Colon-d9 GSM1988105 CEL  
125-Colon-d9 GSM1988104 CEL  
124-Colon-d9 GSM1988103 CEL  
123-Colon-d4 GSM1988102 CEL  
122-Colon-d4 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258678 CEL  
118-Intestine-small GSM258677 CEL  
117-Lymph-nodes GSM258691 CEL  
116-Lymph-nodes GSM258726 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258656 CEL  
105-Bruce4 GSM258655 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258689 CEL  
102-NH3T3 GSM258730 CEL  
101-NH3T3 GSM258729 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-PP-FDC GSM481977 CEL  
82-PP-FDC GSM481978 CEL  
81-PP-FDC GSM481976 CEL  
80-F-LY RMLNDCC003001 CEL  
79-F-LY RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258627 CEL  
75-MZ-Bcell GSM258627 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258773 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-PM-M-PS-7h GSM258706 CEL  
60-PM-M-PS-7h GSM258706 CEL  
59-PM-M-PS-6h GSM258702 CEL  
58-PM-M-PS-6h GSM258702 CEL  
57-BMM-LPS-6h GSM258699 CEL  
56-BMM-LPS-6h GSM258699 CEL  
55-BMM-LPS-6h GSM258699 CEL  
54-BMM-LPS-6h GSM258699 CEL  
53-Plasmacytoid-DC GSM258650 CEL  
52-Plasmacytoid-DC GSM258649 CEL  
51-CD8a-DC GSM258648 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258737 CEL  
46-NK-cells GSM258737 CEL  
45-Mast-cells-IgE+Ad GSM258719 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258668 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258666 CEL  
36-GMP GSM258666 CEL  
35-GMP GSM258642 CEL  
34-GMP GSM258642 CEL  
33-MEP GSM258720 CEL  
32-MEP GSM258719 CEL  
31-HESC GSM258770 CEL  
30-HESC GSM258770 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-paneth-cells GSM480375 cel  
20-paneth-cells GSM480375 cel  
19-paneth-cells GSM480363 cel  
18-paneth-cells GSM480362 cel  
17-paneth-cells GSM349880 CEL  
16-paneth-cells GSM350375 CEL  
15-paneth-cells GSM350376 CEL  
14-paneth-cells GSM350371 CEL  
13-paneth-cells GSM350371 CEL  
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6-paneth-cells GSM350371 CEL  
5-paneth-cells GSM350371 CEL  
4-paneth-cells GSM350371 CEL  
3-paneth-cells GSM350371 CEL  
2-paneth-cells GSM350371 CEL  
1-paneth-cells GSM350371 CEL



Cluster0200\_Uncertain (10 nodes)

704  
667  
629.9  
592.9  
555.8  
518.8  
481.7  
444.6  
407.6  
370.5  
333.5  
296.4  
259.4  
222.3  
185.3  
148.2  
111.2  
74.1  
37.1  
0

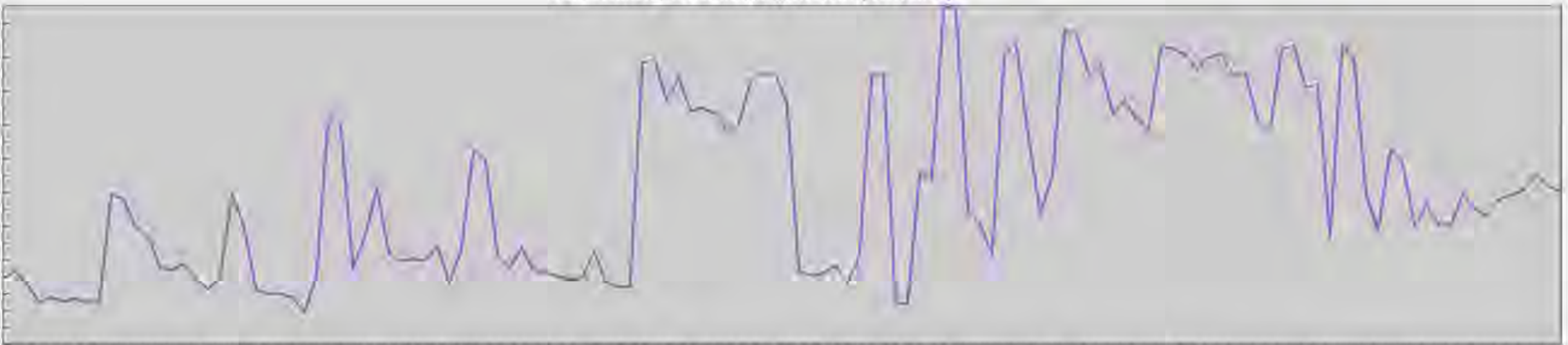


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02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-Y-M-cells\_GSM190792.CEL  
05-CT-Y-M-cells\_GSM190793.CEL  
06-CT-W-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM349880.CEL  
17-Colon-VIII\_GSM480362.CEL  
18-Colon-VIII\_GSM480363.CEL  
19-Colon-VIII\_GSM480364.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318589.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116350.CEL  
26-Paneth-cells-Gf-1\_GSM116357.CEL  
27-Paneth-cells-Gf-1\_GSM116358.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258627.CEL  
30-NALT\_GSM289411.CEL  
31-NALT\_GSM289410.CEL  
32-NALT\_GSM289409.CEL  
33-NALT\_GSM289408.CEL  
34-Colon-d9\_GSM1988104.CEL  
35-Colon-d9\_GSM1988103.CEL  
36-Colon-d4\_GSM1988102.CEL  
37-Colon-d4\_GSM1988101.CEL  
38-Intestine-large\_GSM258676.CEL  
39-Intestine-large\_GSM258677.CEL  
40-Intestine-small\_GSM258692.CEL  
41-Intestine-small\_GSM258691.CEL  
42-Lymph-nodes\_GSM258725.CEL  
43-Spleen\_GSM258726.CEL  
44-Spleen\_GSM258727.CEL  
45-Neuro2a\_GSM241898.CEL  
46-Neuro2a\_GSM241899.CEL  
47-Astrocytes\_GSM241898.CEL  
48-mim6\_GSM258725.CEL  
49-mim6\_GSM258726.CEL  
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51-MIMCD3\_GSM258723.CEL  
52-MIMCD3\_GSM258724.CEL  
53-Bruce4\_GSM258690.CEL  
54-Bruce4\_GSM258691.CEL  
55-C2C12\_GSM258629.CEL  
56-NH3T3\_GSM258730.CEL  
57-NH3T3\_GSM258731.CEL  
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59-3T3-L1\_GSM258609.CEL  
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64-Osteoblast-d14\_GSM258738.CEL  
65-Osteoblast-d14\_GSM258737.CEL  
66-Osteoblast-d5\_GSM258742.CEL  
67-Osteoblast-d5\_GSM258741.CEL  
68-Chondrocytes\_GSM266741.CEL  
69-Chondrocytes\_GSM266740.CEL  
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71-Nat Helper cell\_GSM465593.CEL  
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139-Lymph-endo-cells\_GSM481978.CEL  
140-Lymph-endo-cells\_GSM481979.CEL  
141-Lymph-endo-cells\_GSM481976.CEL  
142-Lymph-endo-cells\_GSM481977.CEL  
143-Lymph-endo-cells\_GSM481978.CEL  
144-Lymph-endo-cells\_GSM481979.CEL  
145-Lymph-endo-cells\_GSM481976.CEL  
146-Lymph-endo-cells\_GSM481977.CEL  
147-Lymph-endo-cells\_GSM481978.CEL  
148-Lymph-endo-cells\_GSM481979.CEL  
149-Lymph-endo-cells\_GSM481976.CEL  
150-Lymph-endo-cells\_GSM481977.CEL  
151-Lymph-endo-cells\_GSM481978.CEL  
152-Lymph-endo-cells\_GSM481979.CEL  
153-Lymph-endo-cells\_GSM481976.CEL  
154-Lymph-endo-cells\_GSM481977.CEL  
155-Lymph-endo-cells\_GSM481978.CEL  
156-Lymph-endo-cells\_GSM481979.CEL  
157-Lymph-endo-cells\_GSM481976.CEL  
158-Lymph-endo-cells\_GSM481977.CEL  
159-Lymph-endo-cells\_GSM481978.CEL  
160-Lymph-endo-cells\_GSM481979.CEL  
161-Lymph-endo-cells\_GSM481976.CEL  
162-Lymph-endo-cells\_GSM481977.CEL  
163-Lymph-endo-cells\_GSM481978.CEL  
164-Lymph-endo-cells\_GSM481979.CEL  
165-Lymph-endo-cells\_GSM481976.CEL  
166-Lymph-endo-cells\_GSM481977.CEL  
167-Lymph-endo-cells\_GSM481978.CEL  
168-Lymph-endo-cells\_GSM481979.CEL  
169-Lymph-endo-cells\_GSM481976.CEL  
170-Lymph-endo-cells\_GSM481977.CEL  
171-Lymph-endo-cells\_GSM481978.CEL  
172-Lymph-endo-cells\_GSM481979.CEL  
173-Lymph-endo-cells\_GSM481976.CEL  
174-Lymph-endo-cells\_GSM481977.CEL  
175-Lymph-endo-cells\_GSM481978.CEL  
176-Lymph-endo-cells\_GSM481979.CEL  
177-Lymph-endo-cells\_GSM481976.CEL  
178-Lymph-endo-cells\_GSM481977.CEL  
179-Lymph-endo-cells\_GSM481978.CEL  
180-Lymph-endo-cells\_GSM481979.CEL  
181-Lymph-endo-cells\_GSM481976.CEL  
182-Lymph-endo-cells\_GSM481977.CEL  
183-Lymph-endo-cells\_GSM481978.CEL  
184-Lymph-endo-cells\_GSM481979.CEL  
185-Lymph-endo-cells\_GSM481976.CEL  
186-Lymph-endo-cells\_GSM481977.CEL  
187-Lymph-endo-cells\_GSM481978.CEL  
188-Lymph-endo-cells\_GSM481979.CEL  
189-Lymph-endo-cells\_GSM481976.CEL  
190-Lymph-endo-cells\_GSM481977.CEL  
191-Lymph-endo-cells\_GSM481978.CEL  
192-Lymph-endo-cells\_GSM481979.CEL  
193-Lymph-endo-cells\_GSM481976.CEL  
194-Lymph-endo-cells\_GSM481977.CEL  
195-Lymph-endo-cells\_GSM481978.CEL  
196-Lymph-endo-cells\_GSM481979.CEL  
197-Lymph-endo-cells\_GSM481976.CEL  
198-Lymph-endo-cells\_GSM481977.CEL  
199-Lymph-endo-cells\_GSM481978.CEL  
200-Lymph-endo-cells\_GSM481979.CEL



Cluster0201\_House keeping-nucleus (10 nodes)

2,620.8  
2,482.9  
2,344.9  
2,207  
2,069.1  
1,931.1  
1,793.2  
1,655.3  
1,517.3  
1,379.4  
1,241.4  
1,103.5  
965.6  
827.6  
689.7  
551.8  
413.8  
275.9  
137.9  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258766.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-FLY RMLNDCC003001.CEL  
79-FLY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-LPS-7h GSM258706.CEL  
60-PM-M-LPS-7h GSM258705.CEL  
59-PM-M-LPS-7d GSM258702.CEL  
58-PM-M-LPS-6h GSM258701.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0202\_House keeping (10 nodes)

5,961.8  
5,638.6  
5,325.3  
5,012.1  
4,698.8  
4,385.6  
4,072.3  
3,759  
3,445.8  
3,132.5  
2,819.3  
2,506  
2,192.8  
1,879.5  
1,566.3  
1,253  
939.8  
626.5  
313.3  
0



130	NALT	GSM289411	CEL
129	NALT	GSM289410	CEL
128	NALT	GSM289409	CEL
127	NALT	GSM289408	CEL
126	Colon-d9	GSM1988104	CEL
125	Colon-d9	GSM1988103	CEL
124	Colon-d9	GSM1988102	CEL
123	Colon-d4	GSM1988101	CEL
122	Colon-d4	GSM1988100	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258678	CEL
118	Intestine-small	GSM258679	CEL
117	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258692	CEL
115	Spleen	GSM258768	CEL
114	Spleen	GSM258767	CEL
113	Neuro2a	GSM258728	CEL
112	Neuro2a	GSM258727	CEL
111	Astrocytes	GSM241898	CEL
110	ming	GSM258726	CEL
109	ming	GSM258725	CEL
108	MIMCD3	GSM258724	CEL
107	MIMCD3	GSM258723	CEL
106	Bruce4	GSM258656	CEL
105	Bruce4	GSM258655	CEL
104	C2C12	GSM258690	CEL
103	C2C12	GSM258689	CEL
102	NH3T3	GSM258739	CEL
101	NH3T3	GSM258738	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T12	GSM258632	CEL
97	10T12	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	E-LY	RMLNDC003001	CEL
79	E-LY	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258627	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	T-cells-CD8+	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD8+	GSM258775	CEL
68	T-cells-CD4+	GSM258774	CEL
67	T-cells-CD4+	GSM258773	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258744	CEL
64	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
62	PM-M-PS-7h	GSM258706	CEL
61	PM-M-PS-7h	GSM258706	CEL
60	PM-M-PS-7h	GSM258705	CEL
59	PM-M-PS-7h	GSM258702	CEL
58	PM-M-PS-6h	GSM258700	CEL
57	PM-M-PS-6h	GSM258699	CEL
56	PM-M-PS-6h	GSM258694	CEL
55	PM-M-PS-6h	GSM258694	CEL
54	PM-M-PS-6h	GSM258694	CEL
53	Plasmacytoid-DC	GSM258650	CEL
52	Plasmacytoid-DC	GSM258649	CEL
51	CD8a-DC	GSM258648	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a+DC	GSM258646	CEL
48	CD8a+DC	GSM258645	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258718	CEL
44	Mast-cells-IgE+Ad	GSM258717	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Granulocytes	GSM258668	CEL
39	Granulocytes	GSM258667	CEL
38	GMP	GSM258666	CEL
37	GMP	GSM258665	CEL
36	GMP	GSM258664	CEL
35	GMP	GSM258664	CEL
34	GMP	GSM258642	CEL
33	MIEP	GSM258720	CEL
32	MIEP	GSM258719	CEL
31	HSC	GSM258770	CEL
30	HSC	GSM258769	CEL
29	Bone marrow	GSM258628	CEL
28	Bone marrow	GSM258627	CEL
27	paneth-cells-GF	GSM116358	CEL
26	paneth-cells-GF	GSM116357	CEL
25	paneth-cells	GSM116350	CEL
24	paneth-cells	GSM116359	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	cel
20	Colon-Crypt	GSM480374	cel
19	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480362	cel
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	Ileum-IEC-TGF	GSM350376	CEL
14	Ileum-IEC-TGF	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE-RMP	EP001001	CEL
10	FAE-RMP	EP001001	CEL
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	PP-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0203\_Intestine-related (10 nodes)

4,452.8  
4,218.6  
3,984.1  
3,749.8  
3,515.4  
3,281  
3,046.7  
2,812.3  
2,578  
2,343.6  
2,109.2  
1,874.9  
1,640.6  
1,406.2  
1,171.8  
937.4  
703.1  
468.7  
234.4  
0



30	NALT	GSM2899411	CEL
29	NALT	GSM2899410	CEL
28	NALT	GSM2899409	CEL
27	NALT	GSM2899408	CEL
26	Colon-d9	GSM1988104	CEL
25	Colon-d9	GSM1988103	CEL
24	Colon-d9	GSM1988102	CEL
23	Colon-d4	GSM1988101	CEL
22	Colon-d4	GSM1988100	CEL
21	Intestine-large	GSM258676	CEL
20	Intestine-large	GSM258675	CEL
19	Intestine-small	GSM258674	CEL
18	Intestine-small	GSM258673	CEL
17	Lymph-nodes	GSM258672	CEL
16	Spleen	GSM258671	CEL
15	Spleen	GSM258670	CEL
14	Neuro2a	GSM258669	CEL
13	Neuro2a	GSM258668	CEL
12	Astrocytes	GSM241898	CEL
11	ming	GSM258667	CEL
10	ming	GSM258666	CEL
09	ming	GSM258665	CEL
08	MIMCD3	GSM258664	CEL
07	MIMCD3	GSM258663	CEL
06	Bruce4	GSM258662	CEL
05	Bruce4	GSM258661	CEL
04	C2C12	GSM258660	CEL
03	C2C12	GSM258659	CEL
02	NH3T3	GSM258658	CEL
01	NH3T3	GSM258657	CEL
100	3T3-L1	GSM258656	CEL
99	3T3-L1	GSM258655	CEL
98	10T1/2	GSM258654	CEL
97	10T1/2	GSM258653	CEL
96	Osteoblast-d21	GSM258652	CEL
95	Osteoblast-d14	GSM258651	CEL
94	Osteoblast-d14	GSM258650	CEL
93	Osteoblast-d5	GSM258649	CEL
92	Osteoblast-d5	GSM258648	CEL
91	Chondrocytes	GSM266741	CEL
90	Chondrocytes	GSM266740	CEL
89	Nat Helper cell	GSM465594	CEL
88	Nat Helper cell	GSM465593	CEL
87	LT cell	GSM465592	CEL
86	MS-1	GSM234692	CEL
85	Lymph-endo-cells	GSM143704	CEL
84	PP-FDC	GSM481977	CEL
83	PP-FDC	GSM481978	CEL
82	PP-FDC	GSM481979	CEL
81	PP-FDC	GSM481976	CEL
80	E-L	RMLNDC003001	CEL
79	E-L	RMLNDC003001	CEL
78	Follicular-B-cells	GSM258664	CEL
77	Follicular-B-cells	GSM258663	CEL
76	MZ-Bcell	GSM258662	CEL
75	MZ-Bcell	GSM258661	CEL
74	BAF3	GSM258660	CEL
73	BAF3	GSM258659	CEL
72	Tregs	GSM258658	CEL
71	T-cells-CD8+	GSM258657	CEL
70	T-cells-CD8+	GSM258656	CEL
69	T-cells-CD4+	GSM258655	CEL
68	T-cells-CD4+	GSM258654	CEL
67	T-cells-CD4+	GSM258653	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258674	CEL
64	Osteoclasts	GSM258673	CEL
63	Microglia	GSM258672	CEL
62	Microglia	GSM258671	CEL
61	MM-LPS-7h	GSM258670	CEL
60	MM-LPS-7h	GSM258669	CEL
59	MM-LPS-6h	GSM258668	CEL
58	MM-LPS-6h	GSM258667	CEL
57	MM-LPS-6h	GSM258666	CEL
56	MM-LPS-6h	GSM258665	CEL
55	MM-LPS-6h	GSM258664	CEL
54	MM-LPS-6h	GSM258663	CEL
53	MM-LPS-6h	GSM258662	CEL
52	MM-LPS-6h	GSM258661	CEL
51	MM-LPS-6h	GSM258660	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258646	CEL
48	CD8a+DC	GSM258645	CEL
47	NK-cells	GSM258644	CEL
46	NK-cells	GSM258643	CEL
45	Mast-cells-IgE+Ad	GSM258642	CEL
44	Mast-cells-IgE+Ad	GSM258641	CEL
43	Mast-cells-IgE	GSM258640	CEL
42	Mast-cells-IgE	GSM258639	CEL
41	Mast-cells	GSM258638	CEL
40	Granulocytes	GSM258637	CEL
39	Granulocytes	GSM258636	CEL
38	GMP	GSM258635	CEL
37	GMP	GSM258634	CEL
36	GMP	GSM258633	CEL
35	GMP	GSM258632	CEL
34	GMP	GSM258631	CEL
33	GMP	GSM258630	CEL
32	MEP	GSM258629	CEL
31	MEP	GSM258628	CEL
30	HSC	GSM258627	CEL
29	HSC	GSM258626	CEL
28	Bone marrow	GSM258625	CEL
27	paneth-cells-GF	GSM116357	CEL
26	paneth-cells-GF	GSM116356	CEL
25	paneth-cells	GSM116355	CEL
24	paneth-cells	GSM116354	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	Ileum-IEC	GSM350376	CEL
14	Ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP002001	CEL
10	FAE	RMPYEP001001	CEL
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0204\_Low in Paneth cells (9 nodes)

163.7  
155.1  
146.5  
137.9  
129.3  
120.6  
112  
103.4  
94.8  
86.2  
77.6  
68.9  
60.3  
51.7  
43.1  
34.5  
25.9  
17.2  
8.6  
0



130- PP-M-cells\_GSM190789.CEL  
01- PP-M-cells\_GSM190790.CEL  
02- PP-M-cells\_GSM190791.CEL  
03- PP-M-cells\_GSM190792.CEL  
04- CT-v-M-cells\_GSM190793.CEL  
05- CT-v-M-cells\_GSM190794.CEL  
06- CT-v-M-cells\_GSM190795.CEL  
07- Ileum-IEC\_GSM190796.CEL  
08- Ileum-IEC\_GSM190797.CEL  
09- Ileum-IEC\_GSM190798.CEL  
10- FAE-RMPYE\_P001001.CEL  
11- FAE-RMPYE\_P002001.CEL  
12- Small-intestine-epithelium\_RMINEP001001.CEL  
13- Small-intestine-epithelium\_RMINEP002001.CEL  
14- Ileum-IEC\_GSM350371.CEL  
15- Ileum-IEC\_GSM350375.CEL  
16- Colon-IEC-Gf\_GSM349880.CEL  
17- Colon-IEC-Gf\_GSM350375.CEL  
18- Colon-Vill\_GSM480362.CEL  
19- Colon-Vill\_GSM480363.CEL  
20- Colon-Crypt\_GSM480374.CEL  
21- Colon-Crypt\_GSM480375.CEL  
22- Paneth-cells\_GSM318659.CEL  
23- Paneth-cells\_GSM318689.CEL  
24- Paneth-cells\_GSM116359.CEL  
25- Paneth-cells\_GSM116359.CEL  
26- Paneth-cells-Gf\_GSM116357.CEL  
27- Paneth-cells-Gf\_GSM116357.CEL  
28- Bone marrow\_GSM258627.CEL  
29- Bone marrow\_GSM258627.CEL  
30- HSC\_GSM258770.CEL  
31- HSC\_GSM258770.CEL  
32- MIEP\_GSM258770.CEL  
33- MIEP\_GSM258770.CEL  
34- CMP\_GSM258864.CEL  
35- CMP\_GSM258864.CEL  
36- GMP\_GSM258866.CEL  
37- GMP\_GSM258866.CEL  
38- GMP\_GSM258866.CEL  
39- Granulocytes\_GSM258667.CEL  
40- Mast-cells\_GSM258712.CEL  
41- Mast-cells\_GSM258712.CEL  
42- Mast-cells-IdE\_GSM258713.CEL  
43- Mast-cells-IdE+Ad\_GSM258714.CEL  
44- Mast-cells-IdE+Ad\_GSM258714.CEL  
45- Mast-cells-IdE+Ad\_GSM258718.CEL  
46- NK-cells\_GSM258731.CEL  
47- NK-cells\_GSM258731.CEL  
48- CD8a+DC\_GSM258646.CEL  
49- CD8a+DC\_GSM258646.CEL  
50- CD8a-DC\_GSM258647.CEL  
51- CD8a-DC\_GSM258647.CEL  
52- Plasmacytoid-DC\_GSM258649.CEL  
53- Plasmacytoid-DC\_GSM258649.CEL  
54- BMM-GSM258694.CEL  
55- BMM-GSM258694.CEL  
56- BMM-LPS-6h\_GSM258700.CEL  
57- BMM-LPS-6h\_GSM258700.CEL  
58- P-MM-LPS-7h\_GSM258702.CEL  
59- P-MM-LPS-7h\_GSM258702.CEL  
60- P-MM-LPS-7h\_GSM258706.CEL  
61- P-MM-LPS-7h\_GSM258706.CEL  
62- Microglia\_GSM258721.CEL  
63- Microglia\_GSM258721.CEL  
64- Osteoclasts\_GSM258743.CEL  
65- Osteoclasts\_GSM258743.CEL  
66- Thymocyte-DN\_GSM465595.CEL  
67- T-cells-CD4+GSM258773.CEL  
68- T-cells-CD4+GSM258773.CEL  
69- T-cells-CD8+GSM258774.CEL  
70- T-cells-CD8+GSM258774.CEL  
71- Tregs\_GSM258778.CEL  
72- Tregs\_GSM258778.CEL  
73- BAF3\_GSM258819.CEL  
74- BAF3\_GSM258820.CEL  
75- MZ-Bcell\_GSM258821.CEL  
76- MZ-Bcell\_GSM258821.CEL  
77- Follicular-Bcells\_GSM258864.CEL  
78- Follicular-Bcells\_GSM258864.CEL  
79- E-L-RMLNDC002001.CEL  
80- E-L-RMLNDC003001.CEL  
81- PP-FDC\_GSM481976.CEL  
82- PP-FDC\_GSM481976.CEL  
83- PP-FDC\_GSM481977.CEL  
84- Lymph-endo-cells\_GSM143704.CEL  
85- MS-1\_GSM234692.CEL  
86- Tt cell\_GSM465596.CEL  
87- Nat Helper cell\_GSM465593.CEL  
88- Nat Helper cell\_GSM465594.CEL  
89- Chondrocytes\_GSM266741.CEL  
90- Chondrocytes\_GSM266741.CEL  
91- Osteoblast-d5\_GSM258741.CEL  
92- Osteoblast-d5\_GSM258742.CEL  
93- Osteoblast-d14\_GSM258737.CEL  
94- Osteoblast-d14\_GSM258738.CEL  
95- Osteoblast-d21\_GSM258740.CEL  
96- Osteoblast-d21\_GSM258739.CEL  
97- OT12\_GSM258631.CEL  
98- OT12\_GSM258631.CEL  
99- 3T3-L1\_GSM258609.CEL  
100- 3T3-L1\_GSM258610.CEL  
101- NH3T3\_GSM258739.CEL  
102- NH3T3\_GSM258739.CEL  
103- C2C12\_GSM258829.CEL  
104- C2C12\_GSM258829.CEL  
105- Bruce4\_GSM258866.CEL  
106- Bruce4\_GSM258866.CEL  
107- MIMCD3\_GSM258723.CEL  
108- MIMCD3\_GSM258723.CEL  
109- mimb\_GSM258725.CEL  
110- mimb\_GSM258725.CEL  
111- Astrocytes\_GSM241898.CEL  
112- Astrocytes\_GSM241898.CEL  
113- Neuro2a\_GSM258728.CEL  
114- Spleen\_GSM258767.CEL  
115- Spleen\_GSM258767.CEL  
116- Lymph-nodes\_GSM258691.CEL  
117- Lymph-nodes\_GSM258691.CEL  
118- Intestine-small\_GSM258692.CEL  
119- Intestine-small\_GSM258692.CEL  
120- Intestine-large\_GSM258675.CEL  
121- Intestine-large\_GSM258675.CEL  
122- Colon-d4\_GSM198101.CEL  
123- Colon-d4\_GSM198101.CEL  
124- Colon-d9\_GSM198103.CEL  
125- Colon-d9\_GSM198103.CEL  
126- Colon-d9\_GSM198104.CEL  
127- NALT\_GSM289408.CEL  
128- NALT\_GSM289409.CEL  
129- NALT\_GSM289410.CEL  
130- NALT\_GSM289411.CEL



## Cluster0205\_Hiouse keeping-transcription (9 nodes)

2,102.2  
1,991.6  
1,880.9  
1,770.3  
1,659.6  
1,549  
1,438.4  
1,327.7  
1,217.1  
1,106.4  
995.8  
885.1  
774.5  
663.9  
553.2  
442.6  
331.9  
221.3  
110.6  
0

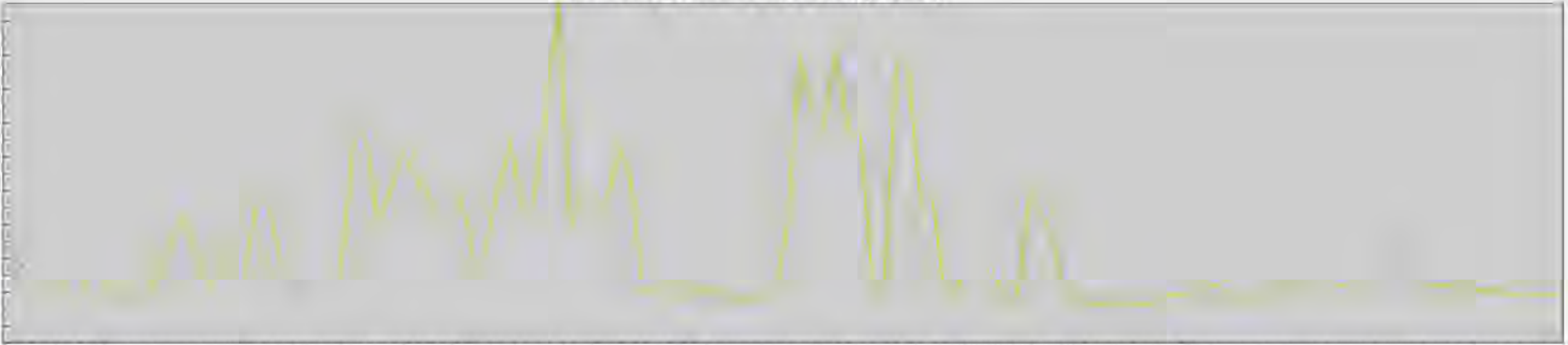


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258679.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258727.CEL  
112-Neuro2a GSM2418998.CEL  
111-Astrocytes GSM2418998.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258665.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258744.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-PS-7h GSM258706.CEL  
61-MM-PS-7h GSM258706.CEL  
60-MM-PS-7h GSM258705.CEL  
59-MM-PS-6h GSM258702.CEL  
58-MM-PS-6h GSM258702.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258699.CEL  
54-MM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116357.CEL  
26-paneth-cells-GE GSM116350.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM318590.CEL  
20-Colon-Crypt GSM480375.CEL  
19-Colon-Crypt GSM480374.CEL  
18-Colon-Vill GSM480363.CEL  
17-Colon-Vill GSM480362.CEL  
16-Colon-IEC-GE GSM349880.CEL  
15-ileum-IEC-GE GSM350375.CEL  
14-ileum-IEC-GE GSM350376.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-ileum-IEC GSM190797.CEL  
08-ileum-IEC GSM190796.CEL  
07-ileum-IEC GSM190795.CEL  
06-CT-w-M-cells GSM190794.CEL  
05-CT-w-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0206\_Uncertain-low in many (9 nodes)

217  
205.6  
194.1  
182.7  
171.3  
159.9  
148.5  
137  
125.6  
114.2  
102.8  
91.4  
79.9  
68.5  
57.1  
45.7  
34.3  
22.8  
11.4  
0

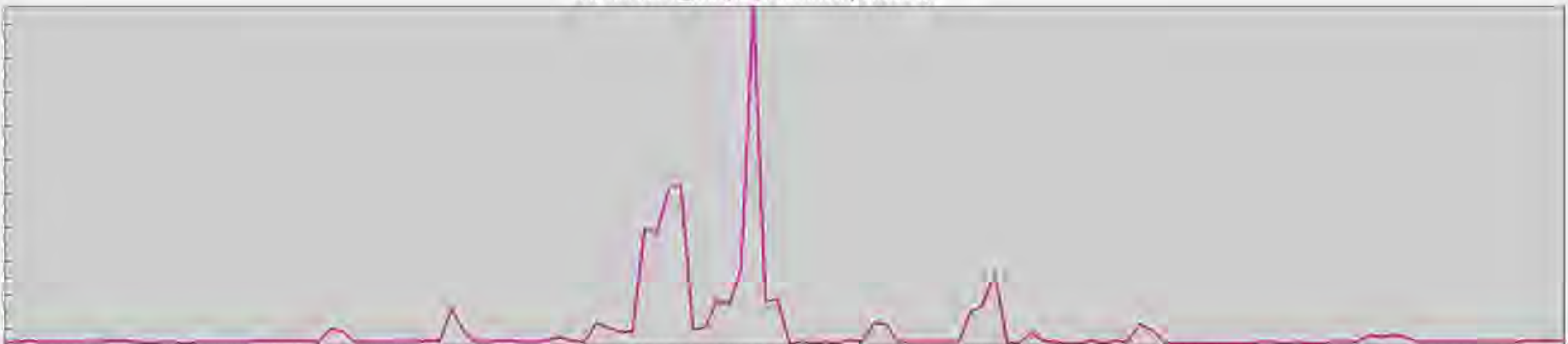


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-CD9 GSM1988105.CEL  
125-CD9 GSM1988104.CEL  
124-CD9 GSM1988103.CEL  
123-CD9 GSM1988102.CEL  
122-CD9 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258690.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258768.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7h GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-BMM GSM258694.CEL  
54-BMM GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF-1 GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116350.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-CD9 GSM480375.CEL  
20-CD9 GSM480374.CEL  
19-CD9 GSM480363.CEL  
18-CD9 GSM480362.CEL  
17-CD9 GSM349880.CEL  
16-CD9 GSM350375.CEL  
15-CD9 GSM350376.CEL  
14-Intestine-epithelium RMINEP002901.CEL  
13-Intestine-epithelium RMINEP002901.CEL  
12-Intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0207\_Phagocyte-related (9 nodes)

3,481.8  
3,298.6  
3,115.3  
2,932.1  
2,748.8  
2,565.6  
2,382.3  
2,199.1  
2,015.8  
1,832.6  
1,648.3  
1,466  
1,282.8  
1,099.5  
916.3  
733  
549.8  
366.5  
183.3  
0



01- PP-M-cells GSM190789.CEL  
 02- PP-M-cells GSM190790.CEL  
 03- PP-M-cells GSM190791.CEL  
 04- PP-M-cells GSM190792.CEL  
 05- CT-v-M-cells GSM190793.CEL  
 06- CT-w-M-cells GSM190794.CEL  
 07- Ileum-IEC GSM190795.CEL  
 08- Ileum-IEC GSM190796.CEL  
 09- Ileum-IEC GSM190797.CEL  
 10- FAE-RMPYEP001001.CEL  
 11- FAE-RMPYEP002001.CEL  
 12- Small-intestine-epithelium\_RMINEP001001.CEL  
 13- Small-intestine-epithelium\_RMINEP002001.CEL  
 14- Ileum-IEC GSM350371.CEL  
 15- Ileum-IEC GSM350375.CEL  
 16- Colon-IEC-Gf GSM349880.CEL  
 17- Colon-IEC-Gf GSM350375.CEL  
 18- Colon-Vill GSM480362.CEL  
 19- Colon-Vill GSM480363.CEL  
 20- Colon-Crypt GSM480374.CEL  
 21- Colon-Crypt GSM480375.CEL  
 22- Paneth-cells GSM318590.CEL  
 23- Paneth-cells GSM318589.CEL  
 24- Paneth-cells GSM116359.CEL  
 25- Paneth-cells GSM116350.CEL  
 26- Paneth-cells-Gf GSM116357.CEL  
 27- Paneth-cells-Gf GSM116358.CEL  
 28- Bone marrow GSM258627.CEL  
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 30- HSC GSM258770.CEL  
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 37- GMP GSM258666.CEL  
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 40- Granulocytes GSM258667.CEL  
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 42- Mast-cells GSM258712.CEL  
 43- Mast-cells-Gf GSM258714.CEL  
 44- Mast-cells-Gf GSM258714.CEL  
 45- Mast-cells-IdU+Ad GSM258718.CEL  
 46- NK-cells GSM258732.CEL  
 47- NK-cells GSM258732.CEL  
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 50- CD8a-DC GSM258647.CEL  
 51- CD8a-DC GSM258647.CEL  
 52- Plasmacytoid-DC GSM258649.CEL  
 53- Plasmacytoid-DC GSM258649.CEL  
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 55- BM-M-LPS-6h GSM258694.CEL  
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 59- BM-M-LPS-7h GSM258705.CEL  
 60- Microglia GSM258721.CEL  
 61- Microglia GSM258721.CEL  
 62- Osteoclasts GSM258743.CEL  
 63- Osteoclasts GSM258743.CEL  
 64- Thymocyte-DN GSM465595.CEL  
 65- Thymocyte-DN GSM465595.CEL  
 66- T-cells-CD4+ GSM258773.CEL  
 67- T-cells-CD4+ GSM258773.CEL  
 68- T-cells-CD8+ GSM258774.CEL  
 69- T-cells-CD8+ GSM258774.CEL  
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 71- T-cells-CD8+ GSM258775.CEL  
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 73- Tregs GSM258778.CEL  
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 75- BAF3 GSM258620.CEL  
 76- MZ-Bcell GSM258622.CEL  
 77- MZ-Bcell GSM258622.CEL  
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 79- Follicular-Bcells GSM258664.CEL  
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 81- F-LY-RMLNDC003001.CEL  
 82- P-P-FDC GSM481978.CEL  
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 84- P-P-FDC GSM481978.CEL  
 85- MS-1 GSM234692.CEL  
 86- L1 cell GSM465596.CEL  
 87- Nat Helper cell GSM465593.CEL  
 88- Nat Helper cell GSM465593.CEL  
 89- Chondrocytes GSM266741.CEL  
 90- Chondrocytes GSM266741.CEL  
 91- Osteoblast-d5 GSM258742.CEL  
 92- Osteoblast-d5 GSM258742.CEL  
 93- Osteoblast-d14 GSM258737.CEL  
 94- Osteoblast-d14 GSM258737.CEL  
 95- Osteoblast-d21 GSM258738.CEL  
 96- Osteoblast-d21 GSM258738.CEL  
 97- OT12 GSM258632.CEL  
 98- OT12 GSM258632.CEL  
 99- 3T3-L1 GSM258609.CEL  
 100- 3T3-L1 GSM258610.CEL  
 101- NH3T3 GSM258729.CEL  
 102- NH3T3 GSM258729.CEL  
 103- C2C12 GSM258629.CEL  
 104- C2C12 GSM258629.CEL  
 105- Bruce4 GSM258690.CEL  
 106- Bruce4 GSM258690.CEL  
 107- MIMCD3 GSM258723.CEL  
 108- MIMCD3 GSM258723.CEL  
 109- mimb GSM258725.CEL  
 110- mimb GSM258725.CEL  
 111- Astrocytes GSM241898.CEL  
 112- Astrocytes GSM241898.CEL  
 113- Spleen GSM258767.CEL  
 114- Spleen GSM258767.CEL  
 115- Lymph-nodes GSM258678.CEL  
 116- Lymph-nodes GSM258678.CEL  
 117- Lymph-nodes GSM258691.CEL  
 118- Intestine-small GSM258692.CEL  
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 122- Colon-d4 GSM198101.CEL  
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 124- Colon-d9 GSM198103.CEL  
 125- Colon-d9 GSM198103.CEL  
 126- Colon-d9 GSM198104.CEL  
 127- NALT GSM289408.CEL  
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 129- NALT GSM289410.CEL  
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Cluster0210\_Phagocyte-related (9 nodes)

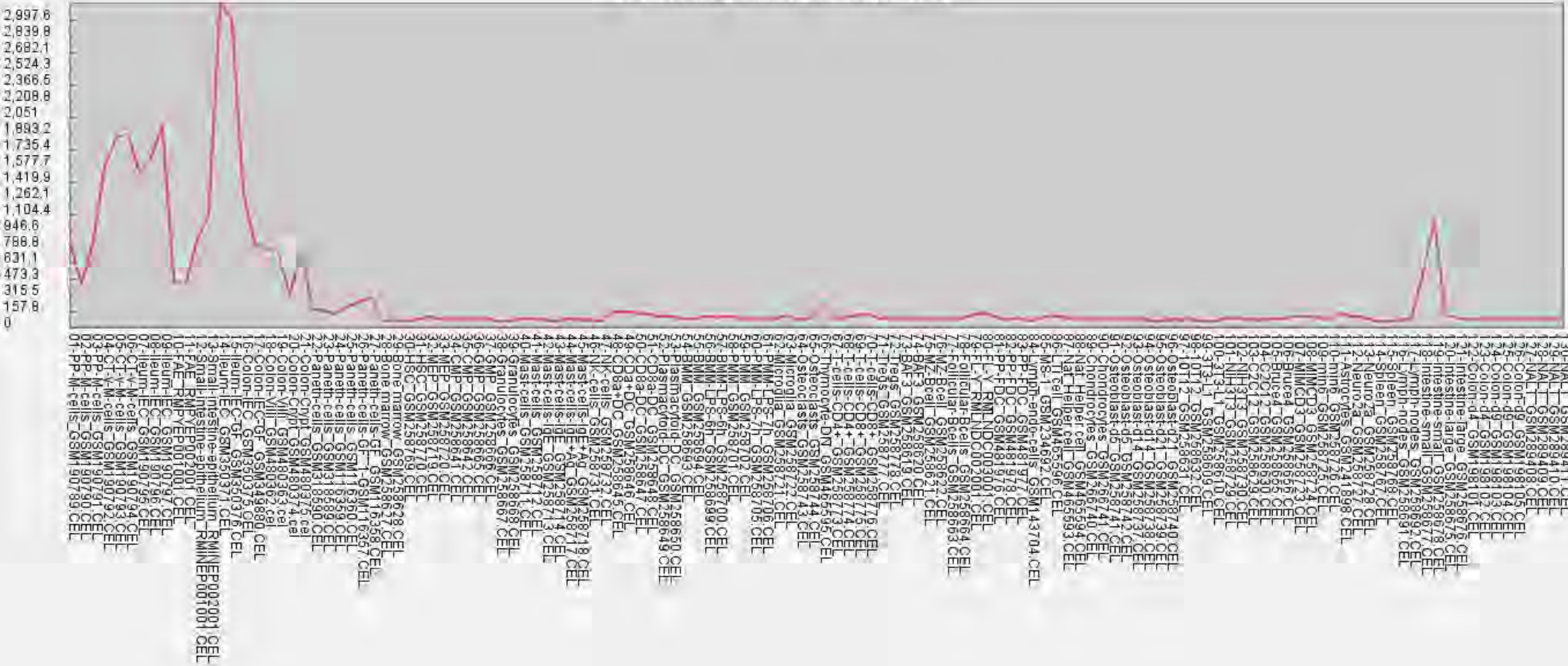
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1,778.2  
1,618.6  
1,454.9  
1,293.2  
1,131.6  
969.9  
808.3  
646.8  
485  
323.3  
161.7  
0



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128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258674.CEL  
118-Intestine-small GSM258673.CEL  
117-Lymph-nodes GSM258672.CEL  
116-Lymph-nodes GSM258671.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mimb GSM258726.CEL  
109-mimb GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258665.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-P-FDC GSM481977.CEL  
82-P-FDC GSM481978.CEL  
81-P-FDC GSM481976.CEL  
80-L-Y RMLNDCC003001.CEL  
79-L-Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258744.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-6h GSM258702.CEL  
59-MM-LPS-6h GSM258702.CEL  
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57-MM-LPS-6h GSM258699.CEL  
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54-Plasmacytoid-DC GSM258650.CEL  
53-Plasmacytoid-DC GSM258649.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a+DC GSM258646.CEL  
49-CD8a+DC GSM258646.CEL  
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47-NK-cells GSM258731.CEL  
46-Mast-cells-IgE+Ad GSM258719.CEL  
45-Mast-cells-IgE+Ad GSM258717.CEL  
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43-Mast-cells-IgE GSM258713.CEL  
42-Mast-cells-IgE GSM258712.CEL  
41-Mast-cells-IgE GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
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37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258872.CEL  
33-MEP GSM258871.CEL  
32-MEP GSM258871.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GF-1 GSM116358.CEL  
26-paneth-cells-GF-1 GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM318590.CEL  
20-Colon-Crypt GSM480375.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
9-Ileum-IEC GSM190797.CEL  
8-Ileum-IEC GSM190796.CEL  
7-Ileum-IEC GSM190795.CEL  
6-CT-v-M-cells GSM190794.CEL  
5-CT-v-M-cells GSM190793.CEL  
4-CT-v-M-cells GSM190792.CEL  
3-PP-M-cells GSM190791.CEL  
2-PP-M-cells GSM190790.CEL  
1-PP-M-cells GSM190789.CEL



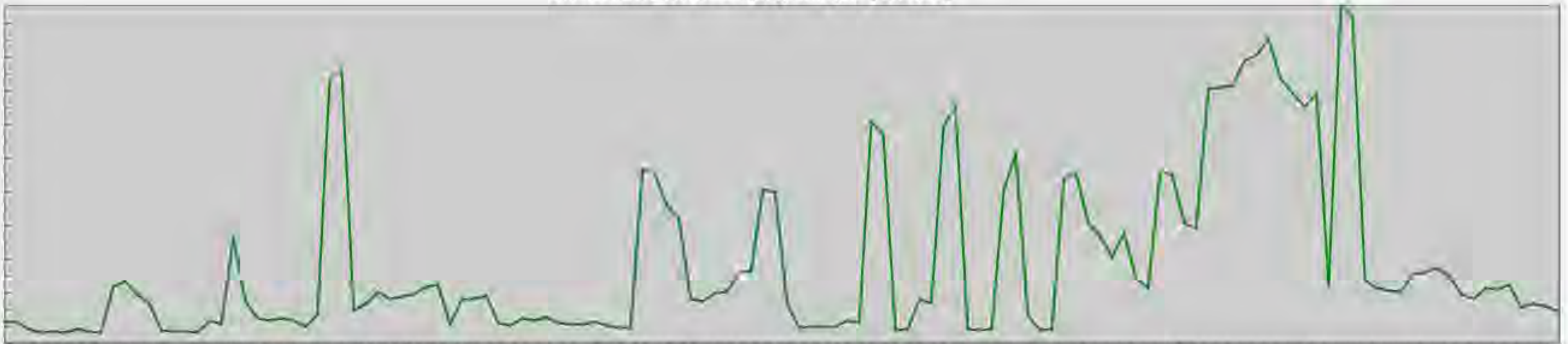
Cluster0211\_intestine-related (9 nodes)





Cluster0212\_House keeping-cell cycle (9 nodes)

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1,901.6  
1,795.9  
1,690.3  
1,584.7  
1,479  
1,373.4  
1,267.7  
1,162.1  
1,056.4  
950.8  
845.2  
739.5  
633.9  
528.2  
422.6  
316.9  
211.3  
105.6  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-v-M-cells\_GSM190792.CEL  
05-CT-v-M-cells\_GSM190793.CEL  
06-CT-v-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYE\_P002001.CEL  
11-FAE-RMPYE\_P002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Colon-IEC-Gf\_GSM350375.CEL  
16-Colon-Vill\_GSM480362.CEL  
17-Colon-Vill\_GSM480363.CEL  
18-Colon-Vill\_GSM480364.CEL  
19-Colon-Crypt\_GSM480374.CEL  
20-Colon-Crypt\_GSM480375.CEL  
21-Paneth-cells\_GSM480375.CEL  
22-Paneth-cells\_GSM318589.CEL  
23-Paneth-cells\_GSM318590.CEL  
24-Paneth-cells\_GSM116350.CEL  
25-Paneth-cells\_GSM116359.CEL  
26-Paneth-cells-Gf-1-GSM116357.CEL  
27-Paneth-cells-Gf-1-GSM116358.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258770.CEL  
32-MEP\_GSM258770.CEL  
33-MEP\_GSM258770.CEL  
34-MEP\_GSM258770.CEL  
35-MEP\_GSM258770.CEL  
36-MEP\_GSM258770.CEL  
37-MEP\_GSM258770.CEL  
38-Granulocytes\_GSM258667.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Mast-cells\_GSM258711.CEL  
41-Mast-cells\_GSM258711.CEL  
42-Mast-cells-Gf-GSM258713.CEL  
43-Mast-cells-Gf-GSM258714.CEL  
44-Mast-cells-Gf+Ad-GSM258718.CEL  
45-Mast-cells-Gf+Ad-GSM258718.CEL  
46-NK-cells\_GSM258731.CEL  
47-NK-cells\_GSM258731.CEL  
48-CD8a+DC\_GSM258645.CEL  
49-CD8a+DC\_GSM258645.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
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53-Plasmacytoid-DC\_GSM258650.CEL  
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55-BMM-GSM258694.CEL  
56-BMM-LPS-6h-GSM258700.CEL  
57-BMM-LPS-6h-GSM258700.CEL  
58-BMM-LPS-7h-GSM258702.CEL  
59-BMM-LPS-7h-GSM258702.CEL  
60-PM-Microglia\_GSM258721.CEL  
61-PM-Microglia\_GSM258721.CEL  
62-PM-Microglia\_GSM258721.CEL  
63-Osteoclasts\_GSM258743.CEL  
64-Osteoclasts\_GSM258744.CEL  
65-Thymocyte-DN\_GSM465595.CEL  
66-Thymocyte-DN\_GSM465595.CEL  
67-T-cells-CD4+\_GSM258773.CEL  
68-T-cells-CD4+\_GSM258773.CEL  
69-T-cells-CD8+\_GSM258774.CEL  
70-T-cells-CD8+\_GSM258774.CEL  
71-Tregs\_GSM258778.CEL  
72-Tregs\_GSM258778.CEL  
73-Tregs\_GSM258778.CEL  
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75-BAF3\_GSM258620.CEL  
76-MZ-Bcell\_GSM258622.CEL  
77-MZ-Bcell\_GSM258622.CEL  
78-Follicular-Bcells\_GSM258664.CEL  
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82-PP-FDC\_GSM481976.CEL  
83-PP-FDC\_GSM481977.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LTcell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465594.CEL  
89-Chondrocytes\_GSM266740.CEL  
90-Chondrocytes\_GSM266741.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
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95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258739.CEL  
97-10T12\_GSM258631.CEL  
98-10T12\_GSM258631.CEL  
99-3T3-L1\_GSM258609.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258729.CEL  
102-NH3T3\_GSM258730.CEL  
103-C2C12\_GSM258629.CEL  
104-Bruce4\_GSM258690.CEL  
105-Bruce4\_GSM258690.CEL  
106-MIMCD3\_GSM258723.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258724.CEL  
109-mim6\_GSM258725.CEL  
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111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258767.CEL  
115-Lymph-nodes\_GSM258691.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258677.CEL  
119-Intestine-small\_GSM258677.CEL  
120-Intestine-large\_GSM258678.CEL  
121-Intestine-large\_GSM258678.CEL  
122-Colon-d4\_GSM198101.CEL  
123-Colon-d4\_GSM198101.CEL  
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125-Colon-d9\_GSM198103.CEL  
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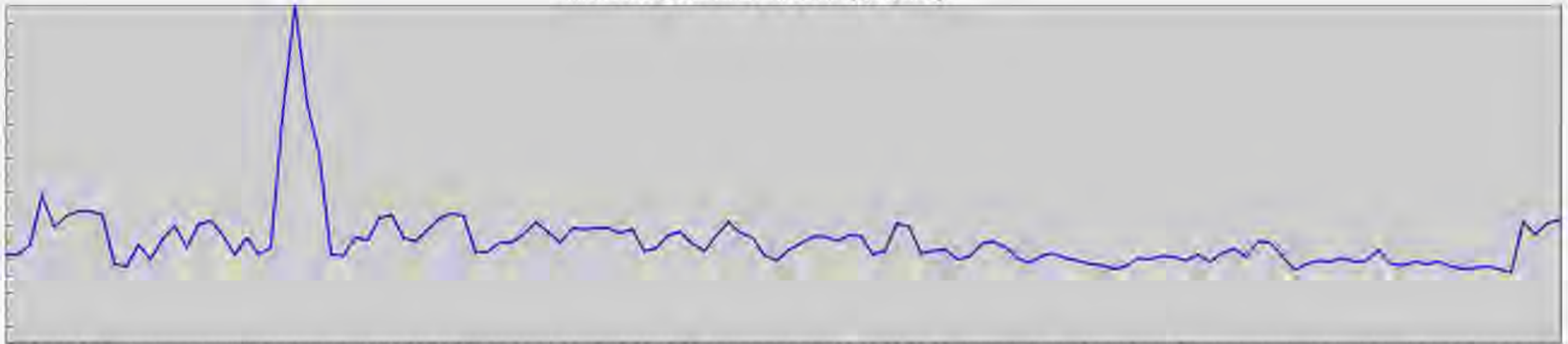






Cluster0214\_Uncertain-low in many (9 nodes)

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91.4  
86.1  
80.7  
75.3  
69.9  
64.5  
59.2  
53.8  
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43  
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21.5  
16.1  
10.8  
5.4  
0

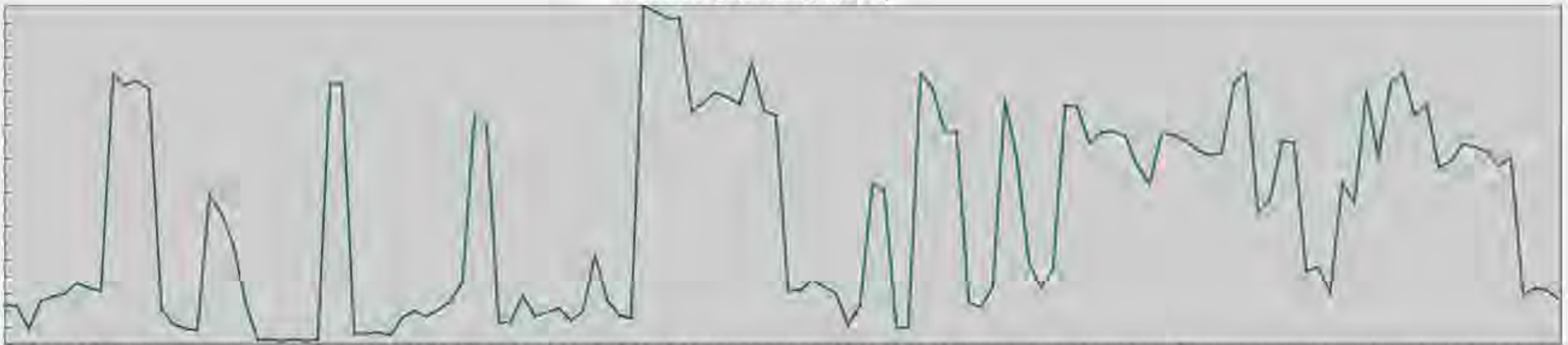


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128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
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123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM268706.CEL  
60-PM-M-PS-7h GSM268705.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258702.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258737.CEL  
46-NK-cells GSM258737.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GF GSM116358.CEL  
26-paneth-cells-GF GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0215\_Uncertain (9 nodes)

5,126.3  
4,856.5  
4,586.7  
4,316.9  
4,047.1  
3,777.3  
3,507.4  
3,237.6  
2,967.8  
2,698  
2,428.2  
2,158.4  
1,888.6  
1,618.8  
1,349  
1,079.2  
809.4  
539.6  
269.8  
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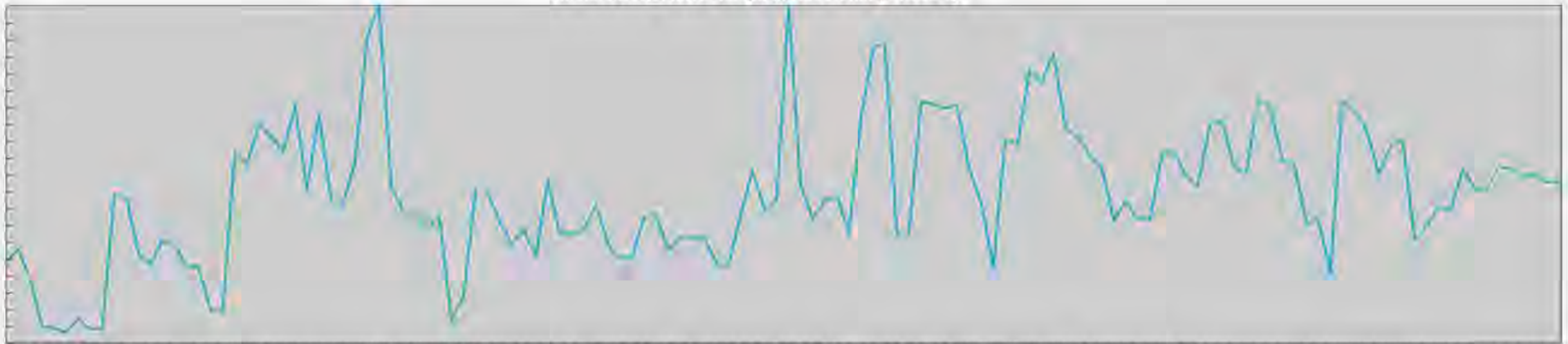


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129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126- Colon-d9 GSM1988105.CEL  
125- Colon-d9 GSM1988104.CEL  
124- Colon-d9 GSM1988103.CEL  
123- Colon-d4 GSM1988102.CEL  
122- Colon-d4 GSM1988101.CEL  
121- Intestine-large GSM258676.CEL  
120- Intestine-large GSM258675.CEL  
119- Intestine-small GSM258678.CEL  
118- Intestine-small GSM258677.CEL  
117- Lymph-nodes GSM258691.CEL  
116- Lymph-nodes GSM258726.CEL  
115- Spleen GSM258766.CEL  
114- Spleen GSM258767.CEL  
113- Neuro2a GSM258728.CEL  
112- Neuro2a GSM258727.CEL  
111- Astrocytes GSM241898.CEL  
110- mimg GSM258725.CEL  
109- mimg GSM258724.CEL  
108- MIMCD3 GSM258723.CEL  
107- MIMCD3 GSM258722.CEL  
106- Bruce4 GSM258656.CEL  
105- Bruce4 GSM258655.CEL  
104- C2C12 GSM258690.CEL  
103- C2C12 GSM258689.CEL  
102- NIH3T3 GSM258739.CEL  
101- NIH3T3 GSM258738.CEL  
99- 3T3-L1 GSM258610.CEL  
98- 3T3-L1 GSM258609.CEL  
97- 10T12 GSM258631.CEL  
96- Osteoblast-d21 GSM258740.CEL  
95- Osteoblast-d21 GSM258739.CEL  
94- Osteoblast-d14 GSM258738.CEL  
93- Osteoblast-d14 GSM258737.CEL  
92- Osteoblast-d5 GSM258742.CEL  
91- Osteoblast-d5 GSM258741.CEL  
90- Chondrocytes GSM266741.CEL  
89- Chondrocytes GSM266740.CEL  
88- Nat Helper cell GSM465594.CEL  
87- Nat Helper cell GSM465593.CEL  
86- Tt cell GSM465596.CEL  
85- MS-1 GSM234692.CEL  
84- Lymph-endc-cells GSM143704.CEL  
83- PP-FDC GSM481977.CEL  
82- PP-FDC GSM481978.CEL  
81- PP-FDC GSM481976.CEL  
80- FLY RMLNDCC003001.CEL  
79- FLY RMLNDCC003001.CEL  
78- Follicular-Bcells GSM258664.CEL  
77- Follicular-Bcells GSM258663.CEL  
76- MZ-Bcell GSM258622.CEL  
75- MZ-Bcell GSM258621.CEL  
74- BAF3 GSM258620.CEL  
73- BAF3 GSM258619.CEL  
72- Tregs GSM258778.CEL  
71- Tregs GSM258777.CEL  
70- T-cells-CD8+ GSM258776.CEL  
69- T-cells-CD8+ GSM258775.CEL  
68- T-cells-CD4+ GSM258774.CEL  
67- T-cells-CD4+ GSM258773.CEL  
66- Thymocyte-DN GSM465595.CEL  
65- Osteoclasts GSM258744.CEL  
64- Osteoclasts GSM258743.CEL  
63- Microglia GSM258721.CEL  
62- Microglia GSM258721.CEL  
61- PMM-LPS-7h GSM258706.CEL  
60- PMM-LPS-7h GSM258705.CEL  
59- PMM-LPS-7d GSM258702.CEL  
58- PMM-LPS-6h GSM258701.CEL  
57- BMMLPS-6h GSM258699.CEL  
56- BMMLPS-6h GSM258699.CEL  
55- BMMLPS-6h GSM258699.CEL  
54- BMMLPS-6h GSM258699.CEL  
53- Plasmacytoid-DC GSM258650.CEL  
52- Plasmacytoid-DC GSM258649.CEL  
51- CD8a-DC GSM258647.CEL  
50- CD8a-DC GSM258647.CEL  
49- CD8a+DC GSM258646.CEL  
48- CD8a+DC GSM258645.CEL  
47- NK-cells GSM258732.CEL  
46- NK-cells GSM258731.CEL  
45- Mast-cells-IgE+Ad GSM258718.CEL  
44- Mast-cells-IgE+Ad GSM258717.CEL  
43- Mast-cells-IgE GSM258714.CEL  
42- Mast-cells-IgE GSM258713.CEL  
41- Mast-cells GSM258712.CEL  
40- Granulocytes GSM258668.CEL  
39- Granulocytes GSM258667.CEL  
38- Granulocytes GSM258666.CEL  
37- GMP GSM258665.CEL  
36- GMP GSM258664.CEL  
35- CMP GSM258642.CEL  
34- CMP GSM258641.CEL  
33- MIEP GSM258720.CEL  
32- MIEP GSM258719.CEL  
31- H9C GSM258770.CEL  
30- H9C GSM258770.CEL  
29- Bone marrow GSM258628.CEL  
28- Bone marrow GSM258627.CEL  
27- Paneth-cells-GF GSM116358.CEL  
26- Paneth-cells-GF GSM116357.CEL  
25- Paneth-cells GSM116350.CEL  
24- Paneth-cells GSM116359.CEL  
23- Paneth-cells GSM318589.CEL  
22- Paneth-cells GSM318590.CEL  
21- Colon-Crypt GSM480375.CEL  
20- Colon-Crypt GSM480374.CEL  
19- Colon-Vill GSM480363.CEL  
18- Colon-Vill GSM480362.CEL  
17- Colon-IEC-GF GSM349880.CEL  
16- Colon-IEC-GF GSM350375.CEL  
15- Ileum-IEC-GF GSM350376.CEL  
14- Ileum-IEC GSM350371.CEL  
13- Small-intestine-epithelium RMINEP002901.CEL  
12- Small-intestine-epithelium RMINEP001001.CEL  
11- FAE RMPYEP002001.CEL  
10- FAE RMPYEP001001.CEL  
09- Ileum-IEC GSM190797.CEL  
08- Ileum-IEC GSM190796.CEL  
07- Ileum-IEC GSM190795.CEL  
06- CT-v-M-cells GSM190794.CEL  
05- CT-v-M-cells GSM190793.CEL  
04- CT-v-M-cells GSM190792.CEL  
03- PP-M-cells GSM190791.CEL  
02- PP-M-cells GSM190790.CEL  
01- PP-M-cells GSM190789.CEL



Cluster0216\_House keeping-ribosomal (9 nodes)

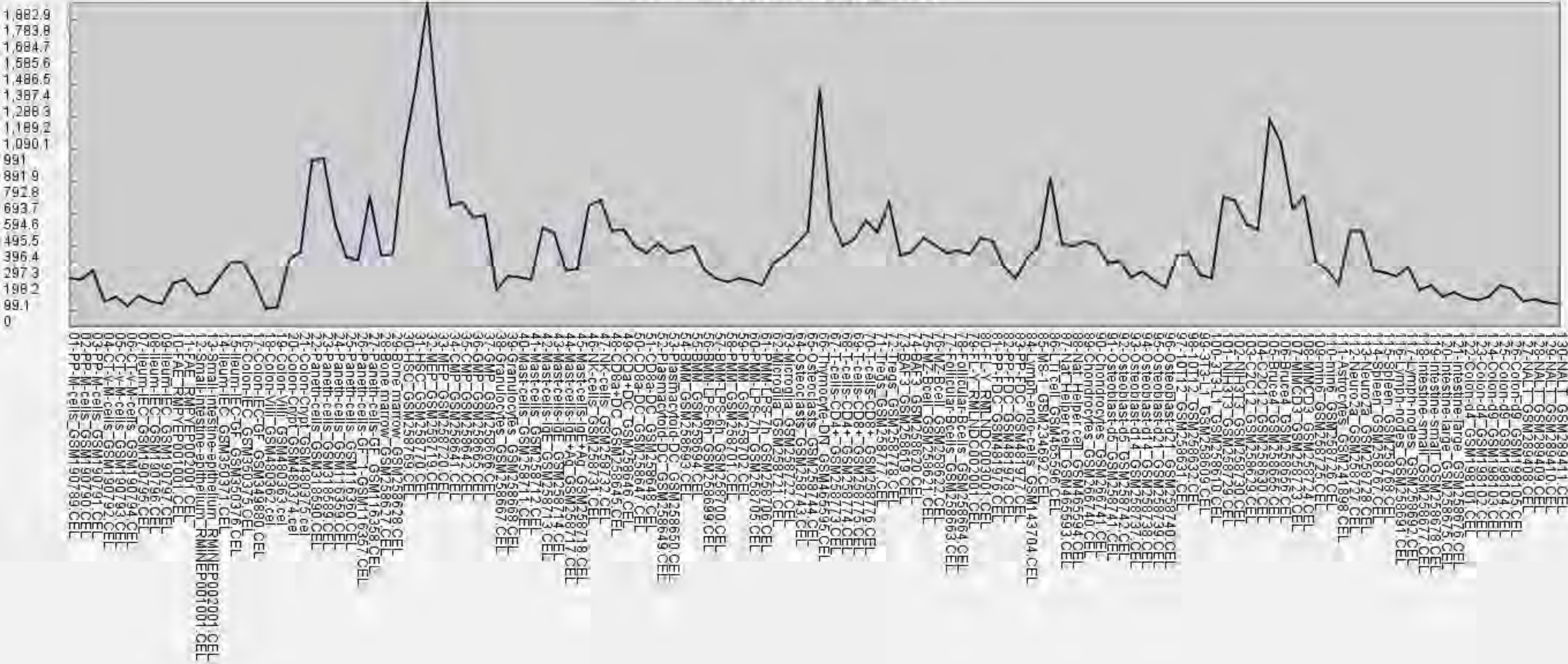
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11,528.6  
10,850.5  
10,172.3  
9,494.2  
8,816  
8,137.9  
7,459.7  
6,781.5  
6,103.4  
5,425.2  
4,747.1  
4,068.9  
3,390.8  
2,712.6  
2,034.5  
1,356.3  
678.2  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258766.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-Lymph-endo-cells GSM481977.CEL  
82-Lymph-endo-cells GSM481978.CEL  
81-Lymph-endo-cells GSM481976.CEL  
80-Lymph-endo-cells GSM481977.CEL  
79-Lymph-endo-cells GSM481978.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PMN-LPS-7h GSM258706.CEL  
60-PMN-LPS-7h GSM258705.CEL  
59-PMN-LPS-7d GSM258702.CEL  
58-PMN-LPS-7d GSM258701.CEL  
57-BMM-LPS-6h GSM258700.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-Granulocytes GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC-GF GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0217\_House keeping (9 nodes)





Cluster0218\_Uncertain (9 nodes)

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1,880.4  
1,776  
1,671.5  
1,567  
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1,358.1  
1,253.6  
1,149.2  
1,044.7  
940.2  
835.8  
731.3  
626.8  
522.3  
417.9  
313.4  
208.9  
104.5  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258674.CEL  
118-Intestine-small GSM258673.CEL  
117-Lymph-nodes GSM258672.CEL  
116-Lymph-nodes GSM258671.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
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105-Bruce4 GSM258655.CEL  
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103-C2C12 GSM258689.CEL  
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101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481976.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-T-cells-CD8+ GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
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56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258699.CEL  
54-MM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
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50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GE GSM116358.CEL  
26-Paneth-cells-GE GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small intestine-epithelium RMINEP002001.CEL  
12-Small intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0219\_intestine-related (9 nodes)

5,922.1  
5,610.4  
5,298.7  
4,987  
4,675.3  
4,363.6  
4,062  
3,740.3  
3,428.6  
3,118.9  
2,805.2  
2,493.5  
2,181.8  
1,870.1  
1,558.4  
1,246.8  
935.1  
823.4  
311.7  
0

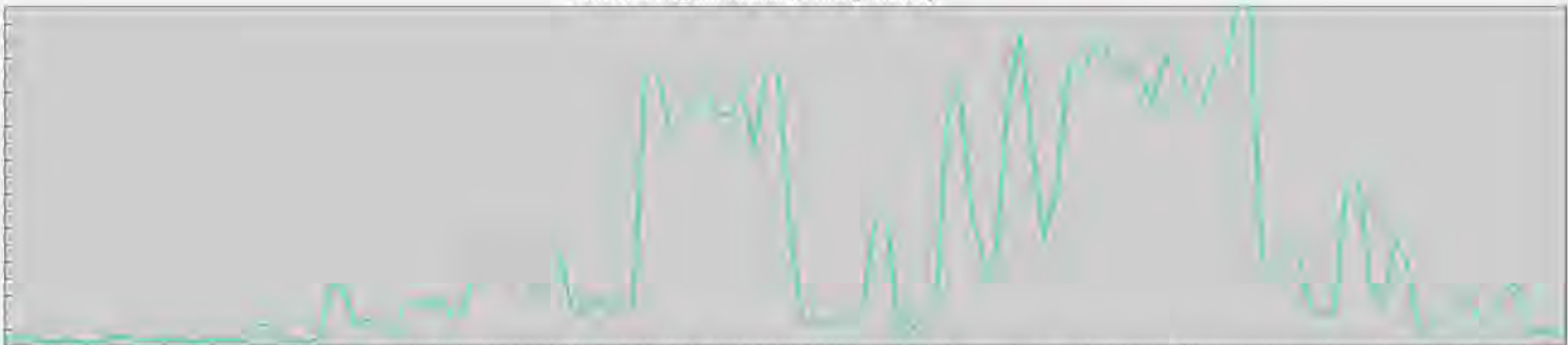


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258674.CEL  
118-Intestine-small GSM258673.CEL  
117-Lymph-nodes GSM258672.CEL  
116-Lymph-nodes GSM258671.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mimb GSM258726.CEL  
109-mimb GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258664.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-D-LY RMLNDCC003001.CEL  
79-E-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258744.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-7h GSM258706.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258701.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258694.CEL  
54-MM-LPS-6h GSM258694.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258719.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258667.CEL  
39-Granulocytes GSM258666.CEL  
38-GMP GSM258665.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258664.CEL  
34-MEP GSM258872.CEL  
33-MEP GSM258871.CEL  
32-MEP GSM258871.CEL  
31-HSC GSM258870.CEL  
30-HSC GSM258870.CEL  
29-Bone marrow GSM258869.CEL  
28-Bone marrow GSM258868.CEL  
27-paneth-cells-GF-1 GSM116357.CEL  
26-paneth-cells-GF-1 GSM116350.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM480375.CEL  
20-paneth-cells GSM480374.CEL  
19-paneth-cells GSM480363.CEL  
18-paneth-cells GSM480362.CEL  
17-paneth-cells GSM349880.CEL  
16-paneth-cells GSM350375.CEL  
15-paneth-cells GSM350376.CEL  
14-paneth-cells GSM350371.CEL  
13-paneth-cells GSM258627.CEL  
12-paneth-cells GSM258627.CEL  
11-paneth-cells GSM116358.CEL  
10-paneth-cells GSM116357.CEL  
9-paneth-cells GSM116357.CEL  
8-paneth-cells GSM116357.CEL  
7-paneth-cells GSM116357.CEL  
6-paneth-cells GSM116357.CEL  
5-paneth-cells GSM116357.CEL  
4-paneth-cells GSM116357.CEL  
3-paneth-cells GSM116357.CEL  
2-paneth-cells GSM116357.CEL  
1-paneth-cells GSM116357.CEL



Cluster0220\_ Extracellular matrix (9 nodes)

12,231  
11,587.3  
10,943.5  
10,299.8  
9,656  
9,012.3  
8,368.6  
7,724.8  
7,081.1  
6,437.4  
5,793.6  
5,149.9  
4,506.2  
3,862.4  
3,218.7  
2,574.9  
1,931.2  
1,287.5  
643.7  
0

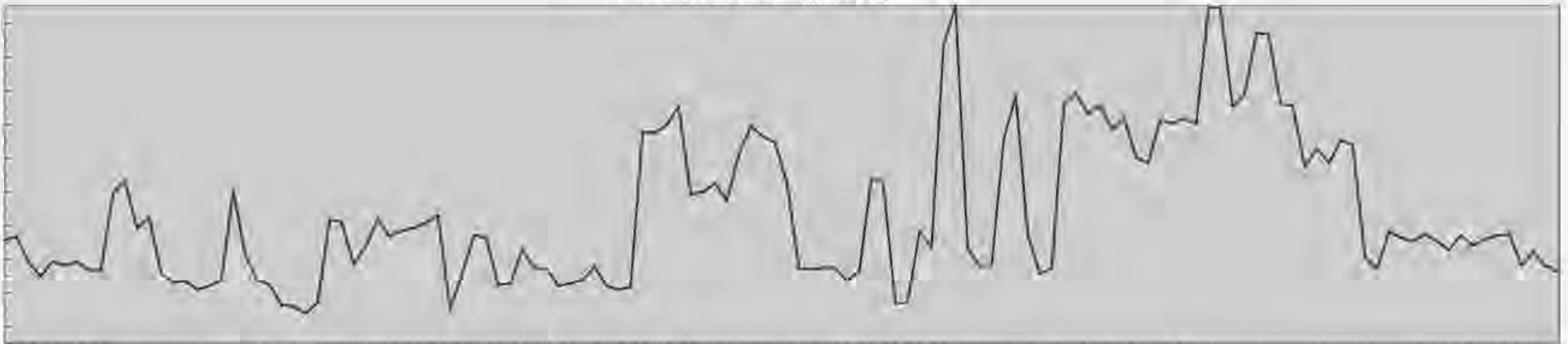


130- NALT GSM289411 CELL  
129- NALT GSM289410 CELL  
128- NALT GSM289409 CELL  
127- NALT GSM289408 CELL  
126- Colon-d9 GSM1988105 CELL  
125- Colon-d9 GSM1988104 CELL  
124- Colon-d9 GSM1988103 CELL  
123- Colon-d4 GSM1988102 CELL  
122- Colon-d4 GSM1988101 CELL  
121- Intestine-large GSM258676 CELL  
120- Intestine-large GSM258675 CELL  
119- Intestine-small GSM258674 CELL  
118- Intestine-small GSM258673 CELL  
117- Lymph-nodes GSM258672 CELL  
116- Lymph-nodes GSM258671 CELL  
115- Spleen GSM258768 CELL  
114- Spleen GSM258767 CELL  
113- Neuro2a GSM258728 CELL  
112- Neuro2a GSM258727 CELL  
111- Astrocytes GSM241898 CELL  
110- mimg GSM258726 CELL  
109- mimg GSM258725 CELL  
108- MIMCD3 GSM258724 CELL  
107- MIMCD3 GSM258723 CELL  
106- Bruce4 GSM258656 CELL  
105- Bruce4 GSM258655 CELL  
104- C2C12 GSM258690 CELL  
103- C2C12 GSM258689 CELL  
102- NIH3T3 GSM258739 CELL  
101- NIH3T3 GSM258738 CELL  
100- 3T3-L1 GSM258610 CELL  
99- 3T3-L1 GSM258609 CELL  
98- 10T1/2 GSM258632 CELL  
97- 10T1/2 GSM258631 CELL  
96- Osteoblast-d21 GSM258740 CELL  
95- Osteoblast-d21 GSM258739 CELL  
94- Osteoblast-d14 GSM258738 CELL  
93- Osteoblast-d14 GSM258737 CELL  
92- Osteoblast-d5 GSM258742 CELL  
91- Osteoblast-d5 GSM258741 CELL  
90- Chondrocytes GSM266741 CELL  
89- Chondrocytes GSM266740 CELL  
88- Nat Helper cell GSM465594 CELL  
87- Nat Helper cell GSM465593 CELL  
86- T cell GSM465596 CELL  
85- MS-1 GSM234692 CELL  
84- Lymph-endo-cells GSM143704 CELL  
83- PP-FDC GSM481977 CELL  
82- PP-FDC GSM481978 CELL  
81- PP-FDC GSM481976 CELL  
80- FLY RMLNDCC003001 CELL  
79- FLY RMLNDCC003001 CELL  
78- Follicular-Bcells GSM258664 CELL  
77- Follicular-Bcells GSM258663 CELL  
76- MZ-Bcell GSM258622 CELL  
75- MZ-Bcell GSM258621 CELL  
74- BAF3 GSM258620 CELL  
73- BAF3 GSM258619 CELL  
72- Tregs GSM258778 CELL  
71- Tregs GSM258777 CELL  
70- T-cells-CD8+ GSM258776 CELL  
69- T-cells-CD8+ GSM258775 CELL  
68- T-cells-CD4+ GSM258774 CELL  
67- T-cells-CD4+ GSM258773 CELL  
66- Thymocyte-DN GSM465595 CELL  
65- Osteoclasts GSM258744 CELL  
64- Osteoclasts GSM258743 CELL  
63- Microglia GSM258721 CELL  
62- Microglia GSM258721 CELL  
61- PMM-LPS-7h GSM258706 CELL  
60- PMM-LPS-7h GSM258705 CELL  
59- PMM-LPS-7d GSM258702 CELL  
58- PMM-LPS-6h GSM258701 CELL  
57- BMM-LPS-6h GSM258699 CELL  
56- BMM-LPS-6h GSM258699 CELL  
55- BMM-LPS-6h GSM258699 CELL  
54- BMM-LPS-6h GSM258699 CELL  
53- Plasmacytoid-DC GSM258650 CELL  
52- CD8a-DC GSM258648 CELL  
51- CD8a-DC GSM258647 CELL  
50- CD8a-DC GSM258647 CELL  
49- CD8a+DC GSM258646 CELL  
48- CD8a+DC GSM258646 CELL  
47- NK-cells GSM258732 CELL  
46- NK-cells GSM258731 CELL  
45- Mast-cells-IgE+Ad GSM258718 CELL  
44- Mast-cells-IgE+Ad GSM258717 CELL  
43- Mast-cells-IgE GSM258714 CELL  
42- Mast-cells-IgE GSM258713 CELL  
41- Mast-cells GSM258712 CELL  
40- Granulocytes GSM258668 CELL  
39- Granulocytes GSM258667 CELL  
38- GMP GSM258666 CELL  
37- GMP GSM258665 CELL  
36- GMP GSM258665 CELL  
35- CMP GSM258642 CELL  
34- CMP GSM258641 CELL  
33- MIEP GSM258720 CELL  
32- MIEP GSM258719 CELL  
31- HSC GSM258770 CELL  
30- HSC GSM258769 CELL  
29- Bone marrow GSM258628 CELL  
28- Bone marrow GSM258627 CELL  
27- Paneth-cells-GF-1 GSM116357 CELL  
26- Paneth-cells-GF-1 GSM116350 CELL  
25- Paneth-cells GSM116350 CELL  
24- Paneth-cells GSM116359 CELL  
23- Paneth-cells GSM318589 CELL  
22- Paneth-cells GSM318590 CELL  
21- Colon-Crypt GSM480375 CELL  
20- Colon-Crypt GSM480374 CELL  
19- Colon-Vill GSM480363 CELL  
18- Colon-Vill GSM480362 CELL  
17- Colon-IEC-GF GSM349880 CELL  
16- Colon-IEC-GF GSM350375 CELL  
15- Ileum-IEC-GF GSM350376 CELL  
14- Ileum-IEC GSM350371 CELL  
13- Small-intestine-epithelium RMINEP002901 CELL  
12- Small-intestine-epithelium RMINEP001001 CELL  
11- FAE RMPYEP002001 CELL  
10- FAE RMPYEP001001 CELL  
09- Ileum-IEC GSM190797 CELL  
08- Ileum-IEC GSM190796 CELL  
07- Ileum-IEC GSM190795 CELL  
06- CT-v-M-cells GSM190794 CELL  
05- CT-v-M-cells GSM190793 CELL  
04- CT-v-M-cells GSM190792 CELL  
03- PP-M-cells GSM190791 CELL  
02- PP-M-cells GSM190790 CELL  
01- PP-M-cells GSM190789 CELL



Cluster0221\_Uncertain (9 nodes)

1,312.4  
 1,243.9  
 1,174.2  
 1,105.2  
 1,036.1  
 967  
 897.9  
 828.9  
 759.8  
 690.7  
 621.6  
 552.6  
 483.5  
 414.4  
 345.4  
 276.3  
 207.2  
 138.1  
 69.1  
 0

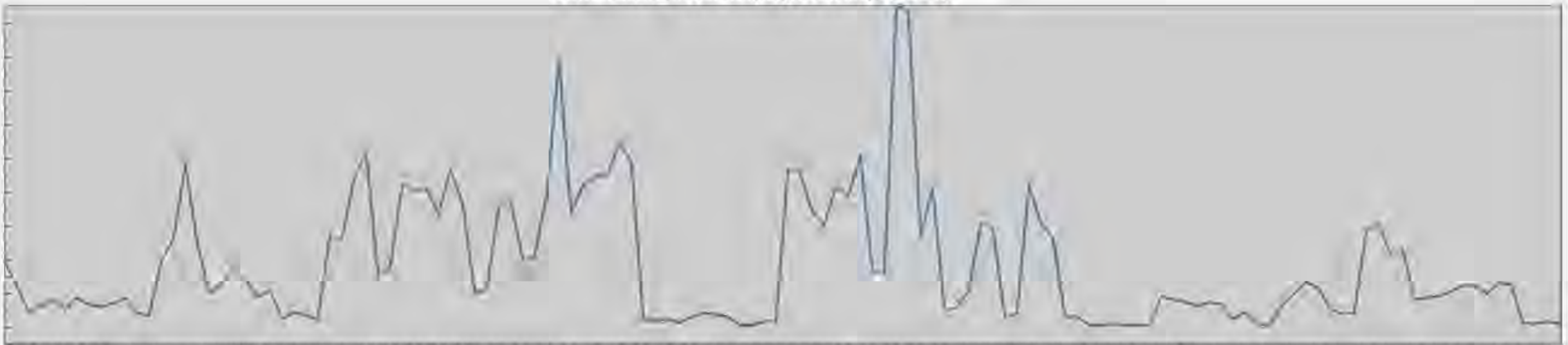


130-NALT GSM2899411.CEL  
 129-NALT GSM2899410.CEL  
 128-NALT GSM2899409.CEL  
 127-NALT GSM2899408.CEL  
 126-Color-d9 GSM1988105.CEL  
 125-Color-d9 GSM1988104.CEL  
 124-Color-d9 GSM1988103.CEL  
 123-Color-d4 GSM1988102.CEL  
 122-Color-d4 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
 120-Intestine-large GSM258675.CEL  
 119-Intestine-small GSM258674.CEL  
 118-Intestine-small GSM258673.CEL  
 117-Lymph-nodes GSM258672.CEL  
 116-Lymph-nodes GSM258671.CEL  
 115-Spleen GSM258767.CEL  
 114-Spleen GSM258766.CEL  
 113-Neuro2a GSM258729.CEL  
 112-Neuro2a GSM258728.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mimb GSM258726.CEL  
 109-mimb GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
 107-MIMCD3 GSM258723.CEL  
 106-Bruce4 GSM258656.CEL  
 105-Bruce4 GSM258655.CEL  
 104-C2C12 GSM258690.CEL  
 103-C2C12 GSM258689.CEL  
 102-NH3T3 GSM258739.CEL  
 101-NH3T3 GSM258738.CEL  
 100-3T3-L1 GSM258610.CEL  
 99-3T3-L1 GSM258609.CEL  
 98-10T12 GSM258632.CEL  
 97-10T12 GSM258631.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d14 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
 93-Osteoblast-d14 GSM258737.CEL  
 92-Osteoblast-d5 GSM258742.CEL  
 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
 89-Chondrocytes GSM266740.CEL  
 88-Nat Helper cell GSM465594.CEL  
 87-Nat Helper cell GSM465593.CEL  
 86-TT cell GSM465596.CEL  
 85-MS-1 GSM234692.CEL  
 84-Lymph-endo-cells GSM143704.CEL  
 83-P.FDC GSM481977.CEL  
 82-P.FDC GSM481978.CEL  
 81-P.FDC GSM481976.CEL  
 80-L.Y.RMLND003001.CEL  
 79-L.Y.RMLND003001.CEL  
 78-Follicular-Bcells GSM258664.CEL  
 77-Follicular-Bcells GSM258663.CEL  
 76-MZ-Bcell GSM258627.CEL  
 75-MZ-Bcell GSM258627.CEL  
 74-BAF3 GSM258620.CEL  
 73-BAF3 GSM258619.CEL  
 72-Tregs GSM258778.CEL  
 71-Tregs GSM258777.CEL  
 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258774.CEL  
 68-T-cells-CD4+ GSM258773.CEL  
 67-T-cells-CD4+ GSM258744.CEL  
 66-Thymocyte-DN GSM465595.CEL  
 65-Osteoclasts GSM258743.CEL  
 64-Osteoclasts GSM258743.CEL  
 63-Microglia GSM258721.CEL  
 62-Microglia GSM258721.CEL  
 61-MM-LPS-7h GSM258706.CEL  
 60-MM-LPS-7h GSM258706.CEL  
 59-MM-LPS-6h GSM258702.CEL  
 58-MM-LPS-6h GSM258702.CEL  
 57-MM-LPS-6h GSM258699.CEL  
 56-MM-LPS-6h GSM258699.CEL  
 55-MM-LPS-6h GSM258699.CEL  
 54-MM-LPS-6h GSM258699.CEL  
 53-Ismacryoid-DC GSM258650.CEL  
 52-Ismacryoid-DC GSM258649.CEL  
 51-CD8a-DC GSM258647.CEL  
 50-CD8a-DC GSM258647.CEL  
 49-CD8a+DC GSM258646.CEL  
 48-CD8a+DC GSM258646.CEL  
 47-NK-cells GSM258732.CEL  
 46-NK-cells GSM258732.CEL  
 45-Mast-cells-IgE+Ad GSM258719.CEL  
 44-Mast-cells-IgE+Ad GSM258719.CEL  
 43-Mast-cells-IgE GSM258714.CEL  
 42-Mast-cells-IgE GSM258714.CEL  
 41-Mast-cells GSM258712.CEL  
 40-Granulocytes GSM258667.CEL  
 39-Granulocytes GSM258667.CEL  
 38-GMP GSM258666.CEL  
 37-GMP GSM258666.CEL  
 36-GMP GSM258666.CEL  
 35-GMP GSM258666.CEL  
 34-GMP GSM258666.CEL  
 33-MIEP GSM2588720.CEL  
 32-MIEP GSM2588720.CEL  
 31-HESC GSM258770.CEL  
 30-HESC GSM258770.CEL  
 29-Bone marrow GSM258628.CEL  
 28-Bone marrow GSM258627.CEL  
 27-paneth-cells-GE GSM116358.CEL  
 26-paneth-cells-GE GSM116357.CEL  
 25-paneth-cells GSM116350.CEL  
 24-paneth-cells GSM116359.CEL  
 23-paneth-cells GSM318589.CEL  
 22-paneth-cells GSM318590.CEL  
 21-paneth-cells GSM480375.CEL  
 20-paneth-cells GSM480374.CEL  
 19-Color-Vill GSM480363.CEL  
 18-Color-Vill GSM480362.CEL  
 17-Color-IEC-GE GSM349880.CEL  
 16-Color-IEC-GE GSM350375.CEL  
 15-Intestine-epithelium GSM350376.CEL  
 14-Intestine-epithelium GSM350376.CEL  
 13-Intestine-epithelium RMINEP002901.CEL  
 12-Intestine-epithelium RMINEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 10-FAE-RMPYEP001001.CEL  
 09-Ileum-IEC GSM190797.CEL  
 08-Ileum-IEC GSM190796.CEL  
 07-Ileum-IEC GSM190795.CEL  
 06-CT-W-cells GSM190794.CEL  
 05-CT-W-cells GSM190793.CEL  
 04-CT-W-cells GSM190792.CEL  
 03-PP-M-cells GSM190791.CEL  
 02-PP-M-cells GSM190790.CEL  
 01-PP-M-cells GSM190789.CEL



Cluster0222\_House keeping-nucleus (9 nodes)

348  
329.7  
311.4  
293.1  
274.7  
256.4  
238.1  
219.8  
201.5  
183.2  
164.8  
146.5  
128.2  
109.9  
91.6  
73.3  
54.9  
36.6  
18.3  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-v-M-cells\_GSM190792.CEL  
05-CT-v-M-cells\_GSM190793.CEL  
06-CT-w-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-GF\_GSM349880.CEL  
17-Colon-VIII\_GSM480362.CEL  
18-Colon-VIII\_GSM480363.CEL  
19-Colon-VIII\_GSM480364.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318589.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116359.CEL  
26-Paneth-cells-GF-1-GSM116357.CEL  
27-Paneth-cells-GF-1-GSM116357.CEL  
28-Paneth-cells-GF-1-GSM116357.CEL  
29-Bone marrow\_GSM258827.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258770.CEL  
32-MEP\_GSM258770.CEL  
33-MEP\_GSM258770.CEL  
34-MEP\_GSM258770.CEL  
35-MEP\_GSM258770.CEL  
36-MEP\_GSM258770.CEL  
37-MEP\_GSM258770.CEL  
38-Granulocytes\_GSM258667.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Mast-cells\_GSM258712.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-GF\_GSM258713.CEL  
43-Mast-cells-GF\_GSM258713.CEL  
44-Mast-cells-IgE+Ad\_GSM258718.CEL  
45-Mast-cells-IgE+Ad\_GSM258718.CEL  
46-NK-cells\_GSM258731.CEL  
47-NK-cells\_GSM258731.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
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53-Plasmacytoid-DC\_GSM258650.CEL  
54-BMM-GSM258694.CEL  
55-BMM-GSM258694.CEL  
56-BMM-LPS-6h\_GSM258700.CEL  
57-BMM-LPS-6h\_GSM258700.CEL  
58-BMM-LPS-7h\_GSM258702.CEL  
59-BMM-LPS-7h\_GSM258702.CEL  
60-Microglia\_GSM258721.CEL  
61-Microglia\_GSM258721.CEL  
62-Microglia\_GSM258721.CEL  
63-Osteoclasts\_GSM258743.CEL  
64-Osteoclasts\_GSM258743.CEL  
65-Thymocyte-DN\_GSM465595.CEL  
66-Thymocyte-DN\_GSM465595.CEL  
67-T-cells-CD4+\_GSM258773.CEL  
68-T-cells-CD4+\_GSM258773.CEL  
69-T-cells-CD8+\_GSM258774.CEL  
70-T-cells-CD8+\_GSM258774.CEL  
71-Tregs\_GSM258778.CEL  
72-Tregs\_GSM258778.CEL  
73-Tregs\_GSM258778.CEL  
74-BAF3\_GSM258620.CEL  
75-BAF3\_GSM258620.CEL  
76-MZ-Bcell\_GSM258621.CEL  
77-Follicular-Bcells\_GSM258653.CEL  
78-Follicular-Bcells\_GSM258653.CEL  
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80-FLY-RMLNDC003001.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481976.CEL  
83-PP-FDC\_GSM481977.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LTcell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465593.CEL  
89-Chondrocytes\_GSM266741.CEL  
90-Chondrocytes\_GSM266741.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258741.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d14\_GSM258737.CEL  
95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258739.CEL  
97-10T12\_GSM258631.CEL  
98-10T12\_GSM258631.CEL  
99-3T3-L1\_GSM258609.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258729.CEL  
102-NH3T3\_GSM258729.CEL  
103-C2C12\_GSM258829.CEL  
104-Bruce4\_GSM258866.CEL  
105-Bruce4\_GSM258866.CEL  
106-Bruce4\_GSM258866.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258767.CEL  
115-Lymph-nodes\_GSM258691.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258692.CEL  
119-Intestine-small\_GSM258692.CEL  
120-Intestine-large\_GSM258678.CEL  
121-Intestine-large\_GSM258678.CEL  
122-Intestine-large\_GSM258676.CEL  
123-Colon-d4\_GSM198810.CEL  
124-Colon-d4\_GSM198810.CEL  
125-Colon-d9\_GSM198810.CEL  
126-Colon-d9\_GSM198810.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289409.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0223\_Uncertain (9 nodes)

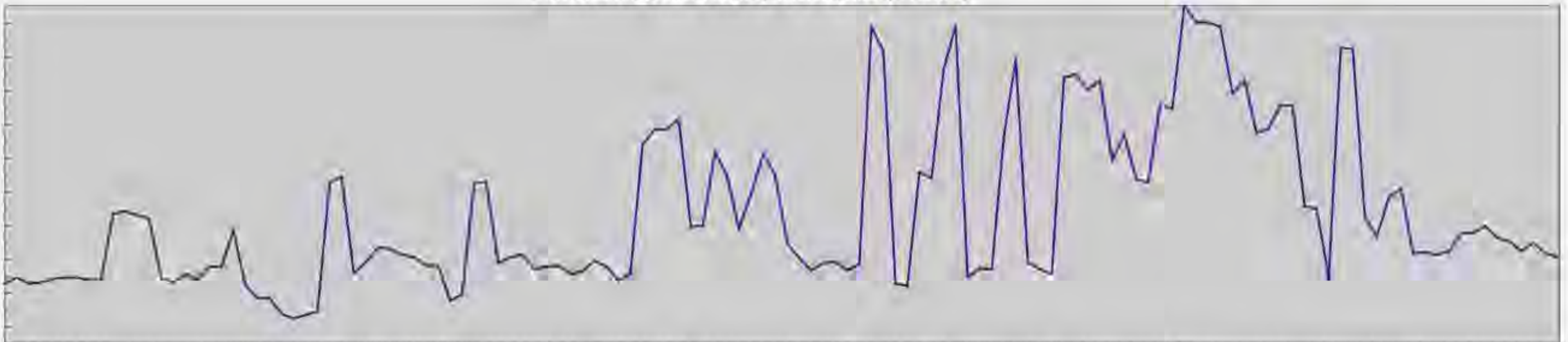
863.7  
818.2  
772.8  
727.3  
681.9  
636.4  
590.9  
545.5  
500  
454.6  
409.1  
363.7  
318.2  
272.7  
227.3  
181.8  
136.4  
90.9  
45.5  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988103.CEL  
124-Colon-d9 GSM1988102.CEL  
123-Colon-d4 GSM1988101.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258678.CEL  
119-Intestine-small GSM258679.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-LPS-7h GSM258706.CEL  
60-PM-M-LPS-7h GSM258706.CEL  
59-PM-M-LPS-6h GSM258702.CEL  
58-PM-M-LPS-6h GSM258702.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF-1 GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318589.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-w-M-cells GSM190794.CEL  
05-CT-w-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0224\_House keeping-transcription (9 nodes)



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-RMPYEP001001.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-SmallIntestine-epithelium\_RMINEP001001.CEL  
 13-SmallIntestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-MEP\_GSM258770.CEL  
 36-MEP\_GSM258770.CEL  
 37-MEP\_GSM258770.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-Gf\_GSM258713.CEL  
 43-Mast-cells-Gf\_GSM258713.CEL  
 44-Mast-cells-IgE+Ad\_GSM258718.CEL  
 45-Mast-cells-IgE+Ad\_GSM258718.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258731.CEL  
 48-CD8a+DC\_GSM258645.CEL  
 49-CD8a+DC\_GSM258645.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258699.CEL  
 57-BMM-LPS-6h\_GSM258699.CEL  
 58-BMM-LPS-7h\_GSM258702.CEL  
 59-BMM-LPS-7h\_GSM258702.CEL  
 60-PM-M-LPS-7h\_GSM258706.CEL  
 61-PM-M-LPS-7h\_GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258774.CEL  
 70-T-cells-CD8+\_GSM258774.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258819.CEL  
 74-BAF3\_GSM258820.CEL  
 75-MZ-Bcell\_GSM258821.CEL  
 76-MZ-Bcell\_GSM258821.CEL  
 77-Follicular-Bcells\_GSM258864.CEL  
 78-Follicular-Bcells\_GSM258864.CEL  
 79-FLY-RMLNDC002001.CEL  
 80-FLY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-NatHelpercell\_GSM465593.CEL  
 88-NatHelpercell\_GSM465593.CEL  
 89-Chondrocytes\_GSM266740.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258742.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258829.CEL  
 104-C2C12\_GSM258829.CEL  
 105-Bruce4\_GSM258866.CEL  
 106-Bruce4\_GSM258866.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258768.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258678.CEL  
 121-Intestine-large\_GSM258678.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198101.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198103.CEL  
 126-Colon-d9\_GSM198104.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0225\_Uncertain (9 nodes)

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1,187.2  
1,121.2  
1,055.2  
989.3  
923.3  
857.4  
791.4  
725.5  
659.5  
593.6  
527.6  
461.7  
395.7  
329.8  
263.8  
197.9  
131.9  
66  
0

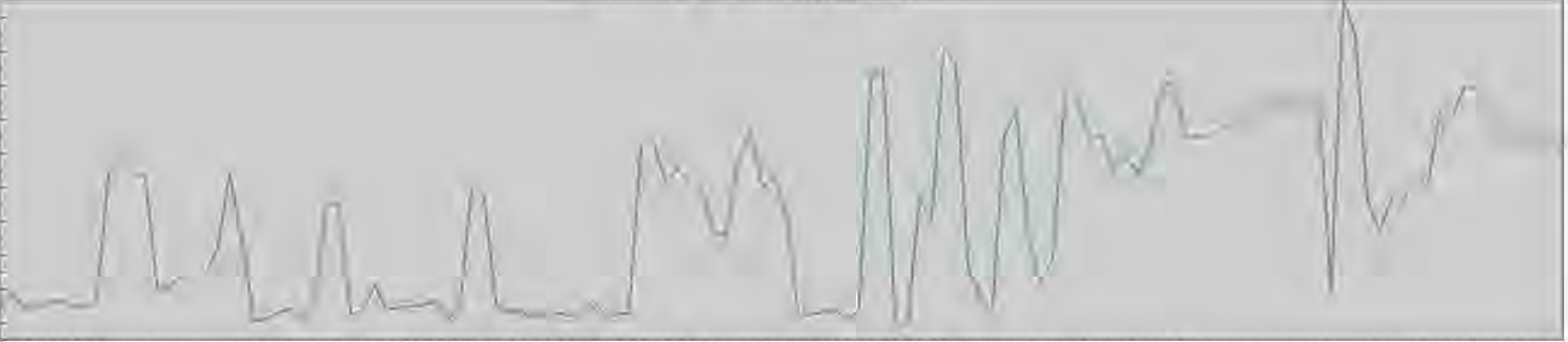


130-NALT GSM289411.CEL  
 129-NALT GSM289410.CEL  
 128-NALT GSM289409.CEL  
 127-NALT GSM289408.CEL  
 126-CD9 GSM1988105.CEL  
 125-CD9 GSM1988104.CEL  
 124-CD9 GSM1988103.CEL  
 123-CD9 GSM1988102.CEL  
 122-CD9 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
 120-Intestine-large GSM258675.CEL  
 119-Intestine-small GSM258674.CEL  
 118-Intestine-small GSM258673.CEL  
 117-Lymph-nodes GSM258672.CEL  
 116-Lymph-nodes GSM258671.CEL  
 115-Spleen GSM258767.CEL  
 114-Spleen GSM258766.CEL  
 113-Neuro2a GSM258728.CEL  
 112-Neuro2a GSM258727.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mim6 GSM258726.CEL  
 109-mim6 GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
 107-MIMCD3 GSM258723.CEL  
 106-Bruce4 GSM258665.CEL  
 105-Bruce4 GSM258664.CEL  
 104-C2C12 GSM258690.CEL  
 103-C2C12 GSM258689.CEL  
 102-NH3T3 GSM258739.CEL  
 101-NH3T3 GSM258738.CEL  
 100-3T3-L1 GSM258610.CEL  
 99-3T3-L1 GSM258609.CEL  
 98-10T12 GSM258632.CEL  
 97-10T12 GSM258631.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d21 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
 93-Osteoblast-d14 GSM258737.CEL  
 92-Osteoblast-d5 GSM258742.CEL  
 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
 89-Chondrocytes GSM266740.CEL  
 88-Nat Helper cell GSM465594.CEL  
 87-Nat Helper cell GSM465593.CEL  
 86-TT cell GSM465596.CEL  
 85-MS-1 GSM234692.CEL  
 84-Lymph-endo-cells GSM143704.CEL  
 83-PP-FDC GSM481977.CEL  
 82-PP-FDC GSM481978.CEL  
 81-PP-FDC GSM481976.CEL  
 80-LY-RMLNDCC003001.CEL  
 79-LY-RMLNDCC003001.CEL  
 78-Follicular-Bcells GSM258664.CEL  
 77-Follicular-Bcells GSM258663.CEL  
 76-MZ-Bcell GSM258622.CEL  
 75-MZ-Bcell GSM258621.CEL  
 74-BAF3 GSM258620.CEL  
 73-BAF3 GSM258619.CEL  
 72-Tregs GSM258778.CEL  
 71-Tregs GSM258777.CEL  
 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258774.CEL  
 68-T-cells-CD4+ GSM258773.CEL  
 67-T-cells-CD4+ GSM258744.CEL  
 66-Thymocyte-DN GSM465595.CEL  
 65-Osteoclasts GSM258743.CEL  
 64-Microglia GSM258721.CEL  
 63-Microglia GSM258721.CEL  
 62-MM-LPS-7h GSM268706.CEL  
 61-MM-LPS-7h GSM268705.CEL  
 60-MM-LPS-6h GSM258702.CEL  
 59-MM-LPS-6h GSM258701.CEL  
 58-MM-LPS-6h GSM258699.CEL  
 57-MM-LPS-6h GSM258699.CEL  
 56-MM-LPS-6h GSM258694.CEL  
 55-MM-LPS-6h GSM258694.CEL  
 54-MM-LPS-6h GSM258694.CEL  
 53-Plasmacytoid-DC GSM258650.CEL  
 52-CD8a-DC GSM258649.CEL  
 51-CD8a-DC GSM258647.CEL  
 50-CD8a-DC GSM258647.CEL  
 49-CD8a+DC GSM258646.CEL  
 48-CD8a+DC GSM258645.CEL  
 47-NK-cells GSM258732.CEL  
 46-NK-cells GSM258731.CEL  
 45-Mast-cells-IgE+Ad GSM258719.CEL  
 44-Mast-cells-IgE+Ad GSM258717.CEL  
 43-Mast-cells-IgE GSM258714.CEL  
 42-Mast-cells-IgE GSM258713.CEL  
 41-Mast-cells GSM258712.CEL  
 40-Granulocytes GSM258668.CEL  
 39-Granulocytes GSM258667.CEL  
 38-GMP GSM258666.CEL  
 37-GMP GSM258665.CEL  
 36-GMP GSM258665.CEL  
 35-GMP GSM258642.CEL  
 34-GMP GSM258642.CEL  
 33-MEP GSM258720.CEL  
 32-MEP GSM258719.CEL  
 31-HESC GSM258770.CEL  
 30-HESC GSM258769.CEL  
 29-Bone marrow GSM258628.CEL  
 28-Bone marrow GSM258627.CEL  
 27-paneth-cells-GF GSM116357.CEL  
 26-paneth-cells-GF GSM116350.CEL  
 25-paneth-cells GSM116359.CEL  
 24-paneth-cells GSM116359.CEL  
 23-paneth-cells GSM318589.CEL  
 22-paneth-cells GSM318590.CEL  
 21-paneth-cells GSM480375.CEL  
 20-Colon-Crypt GSM480374.CEL  
 19-Colon-Vill GSM480363.CEL  
 18-Colon-Vill GSM480362.CEL  
 17-Colon-IEC-GF GSM349880.CEL  
 16-Colon-IEC-GF GSM350375.CEL  
 15-Ileum-IEC-GF GSM350376.CEL  
 14-Ileum-IEC GSM350371.CEL  
 13-Small-intestine-epithelium RMINEP002001.CEL  
 12-Small-intestine-epithelium RMINEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 10-FAE-RMPYEP001001.CEL  
 09-Ileum-IEC GSM190797.CEL  
 08-Ileum-IEC GSM190796.CEL  
 07-Ileum-IEC GSM190795.CEL  
 06-CT-v-M-cells GSM190794.CEL  
 05-CT-v-M-cells GSM190793.CEL  
 04-CT-v-M-cells GSM190792.CEL  
 03-PP-M-cells GSM190791.CEL  
 02-PP-M-cells GSM190790.CEL  
 01-PP-M-cells GSM190789.CEL



Cluster0226\_House keeping (9 nodes)

4,137.1  
3,919.4  
3,701.6  
3,483.9  
3,266.2  
3,048.4  
2,830.7  
2,612.9  
2,395.2  
2,177.4  
1,959.7  
1,742  
1,524.2  
1,306.5  
1,088.7  
871  
653.2  
435.5  
217.7  
0

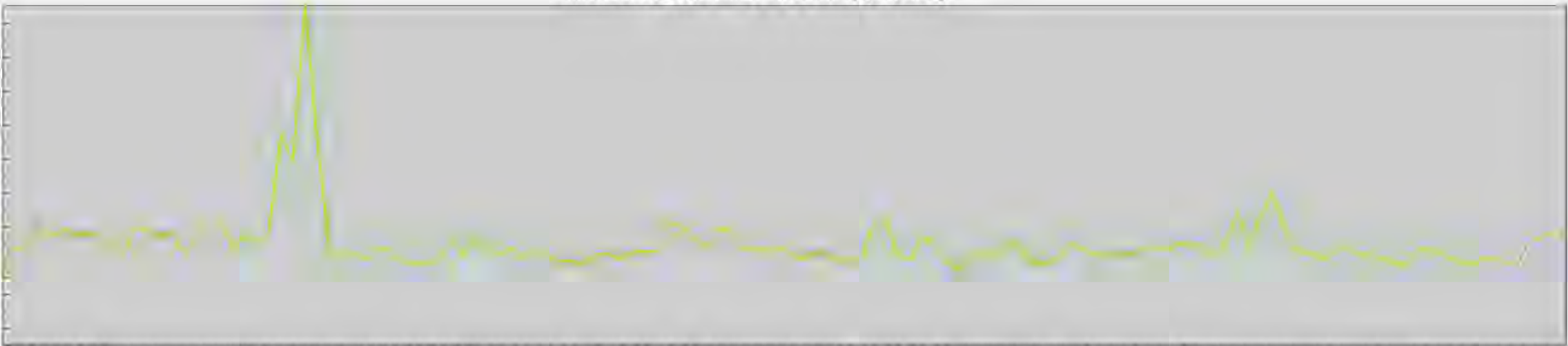


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-CD8A GSM1988105 CELL  
125-CD8A GSM1988104 CELL  
124-CD8A GSM1988103 CELL  
123-CD8A GSM1988102 CELL  
122-CD8A GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Lymph-nodes GSM258671 CELL  
115-Spleen GSM258670 CELL  
114-Spleen GSM258669 CELL  
113-Neuro2a GSM241898 CELL  
112-Astrocytes GSM241897 CELL  
111-ming GSM258726 CELL  
110-ming GSM258725 CELL  
109-mim6 GSM258724 CELL  
108-MIMCD3 GSM258723 CELL  
107-MIMCD3 GSM258722 CELL  
106-Bruce4 GSM258665 CELL  
105-Bruce4 GSM258664 CELL  
104-C2C12 GSM258663 CELL  
103-C2C12 GSM258662 CELL  
102-NH3T3 GSM258739 CELL  
101-NH3T3 GSM258738 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-LT cell GSM465596 CELL  
85-M8-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-L Y RMLNDCC003001 CELL  
79-L Y RMLNDCC003001 CELL  
78-Follicular-B-cells GSM258664 CELL  
77-Follicular-B-cells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258727 CELL  
62-Microglia GSM258727 CELL  
61-PM-M-PS-7h GSM258706 CELL  
60-PM-M-PS-7h GSM258705 CELL  
59-PM-M-PS-7h GSM258702 CELL  
58-PM-M-PS-6h GSM258701 CELL  
57-PM-M-PS-6h GSM258699 CELL  
56-PM-M-PS-6h GSM258699 CELL  
55-PM-M-PS-6h GSM258699 CELL  
54-PM-M-PS-6h GSM258699 CELL  
53-PM-M-PS-6h GSM258699 CELL  
52-PM-M-PS-6h GSM258699 CELL  
51-PM-M-PS-6h GSM258699 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a-DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258737 CELL  
46-NK-cells GSM258737 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258711 CELL  
39-Granulocytes GSM258668 CELL  
38-Granulocytes GSM258667 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258666 CELL  
35-GMP GSM258664 CELL  
34-GMP GSM258664 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM480375 CELL  
20-CD8a-DC GSM480374 CELL  
19-CD8a-DC GSM480363 CELL  
18-CD8a-DC GSM480362 CELL  
17-CD8a-DC GSM349880 CELL  
16-CD8a-DC GSM350375 CELL  
15-CD8a-DC GSM350376 CELL  
14-Intestine-epithelium RMINEP002901 CELL  
13-Intestine-epithelium RMINEP001001 CELL  
12-Intestine-epithelium RMINEP001001 CELL  
11-FAE RMPYEP002001 CELL  
10-FAE RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-PP-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0227\_Uncertain-low in many (9 nodes)

101.6  
96.3  
90.9  
85.6  
80.2  
74.9  
69.5  
64.2  
58.8  
53.5  
48.1  
42.8  
37.4  
32.1  
26.7  
21.4  
16  
10.7  
5.3  
0

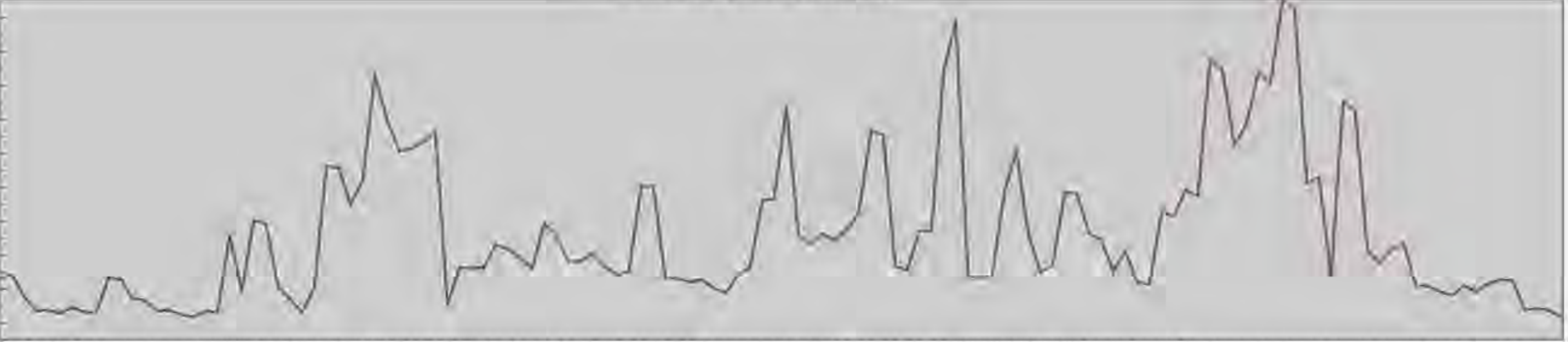


130-NALT GSM289411.CEL  
 129-NALT GSM289410.CEL  
 128-NALT GSM289409.CEL  
 127-NALT GSM289408.CEL  
 126-Colon-d9 GSM1988105.CEL  
 125-Colon-d9 GSM1988104.CEL  
 124-Colon-d9 GSM1988103.CEL  
 123-Colon-d4 GSM1988102.CEL  
 122-Colon-d4 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
 120-Intestine-large GSM258675.CEL  
 119-Intestine-small GSM258678.CEL  
 118-Intestine-small GSM258692.CEL  
 117-Lymph-nodes GSM258691.CEL  
 116-Lymph-nodes GSM258726.CEL  
 115-Spleen GSM258767.CEL  
 114-Spleen GSM258767.CEL  
 113-Neuro2a GSM258728.CEL  
 112-Neuro2a GSM258727.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mim6 GSM258726.CEL  
 109-mim6 GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
 107-MIMCD3 GSM258723.CEL  
 106-Bruce4 GSM258656.CEL  
 105-Bruce4 GSM258656.CEL  
 104-C2C12 GSM258690.CEL  
 103-C2C12 GSM258629.CEL  
 102-NH3T3 GSM258739.CEL  
 101-NH3T3 GSM258739.CEL  
 100-3T3-L1 GSM258610.CEL  
 99-3T3-L1 GSM258609.CEL  
 98-10T12 GSM258632.CEL  
 97-10T12 GSM258631.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d21 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
 93-Osteoblast-d14 GSM258737.CEL  
 92-Osteoblast-d5 GSM258742.CEL  
 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
 89-Chondrocytes GSM266740.CEL  
 88-Nat Helper cell GSM465594.CEL  
 87-Nat Helper cell GSM465593.CEL  
 86-TT cell GSM465596.CEL  
 85-MS-1 GSM234692.CEL  
 84-Lymph-endo-cells GSM143704.CEL  
 83-PP-FDC GSM481977.CEL  
 82-PP-FDC GSM481978.CEL  
 81-PP-FDC GSM481976.CEL  
 80-LY-RMLNDCC003001.CEL  
 79-LY-RMLNDCC003001.CEL  
 78-Follicular-Bcells GSM258664.CEL  
 77-Follicular-Bcells GSM258664.CEL  
 76-MZ-Bcell GSM258627.CEL  
 75-MZ-Bcell GSM258627.CEL  
 74-BAF3 GSM258620.CEL  
 73-BAF3 GSM258619.CEL  
 72-Tregs GSM258778.CEL  
 71-Tregs GSM258777.CEL  
 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258775.CEL  
 68-T-cells-CD4+ GSM258774.CEL  
 67-T-cells-CD4+ GSM258773.CEL  
 66-Thymocyte-DN GSM465595.CEL  
 65-Osteoclasts GSM258743.CEL  
 64-Microglia GSM258721.CEL  
 63-Microglia GSM258721.CEL  
 62-MM-LPS-7h GSM258706.CEL  
 61-MM-LPS-7h GSM258706.CEL  
 60-MM-LPS-7h GSM258705.CEL  
 59-MM-LPS-6h GSM258700.CEL  
 58-MM-LPS-6h GSM258699.CEL  
 57-MM-LPS-6h GSM258699.CEL  
 56-MM-LPS-6h GSM258699.CEL  
 55-MM-LPS-6h GSM258699.CEL  
 54-MM-LPS-6h GSM258699.CEL  
 53-Plasmacytoid-DC GSM258650.CEL  
 52-Plasmacytoid-DC GSM258649.CEL  
 51-CD8a-DC GSM258648.CEL  
 50-CD8a-DC GSM258647.CEL  
 49-CD8a+DC GSM258646.CEL  
 48-CD8a+DC GSM258646.CEL  
 47-NK-cells GSM258732.CEL  
 46-NK-cells GSM258731.CEL  
 45-Mast-cells-IgE+Ad GSM258718.CEL  
 44-Mast-cells-IgE+Ad GSM258717.CEL  
 43-Mast-cells-IgE GSM258714.CEL  
 42-Mast-cells-IgE GSM258713.CEL  
 41-Mast-cells GSM258712.CEL  
 40-Granulocytes GSM258668.CEL  
 39-Granulocytes GSM258667.CEL  
 38-GMP GSM258666.CEL  
 37-GMP GSM258666.CEL  
 36-GMP GSM258666.CEL  
 35-GMP GSM258666.CEL  
 34-GMP GSM258666.CEL  
 33-MEP GSM258720.CEL  
 32-MEP GSM258720.CEL  
 31-MEP GSM258720.CEL  
 30-HESC GSM258770.CEL  
 29-Bone marrow GSM258628.CEL  
 28-Bone marrow GSM258627.CEL  
 27-paneth-cells-GF GSM116358.CEL  
 26-paneth-cells-GF GSM116357.CEL  
 25-paneth-cells GSM116350.CEL  
 24-paneth-cells GSM116359.CEL  
 23-paneth-cells GSM318589.CEL  
 22-paneth-cells GSM318590.CEL  
 21-Colon-Crypt GSM480375.CEL  
 20-Colon-Crypt GSM480374.CEL  
 19-Colon-Vill GSM480363.CEL  
 18-Colon-Vill GSM480362.CEL  
 17-Colon-IEC-GF GSM349880.CEL  
 16-Colon-IEC-GF GSM350375.CEL  
 15-Ileum-IEC-TGF GSM350376.CEL  
 14-Ileum-IEC GSM350371.CEL  
 13-Small-intestine-epithelium RMINEP002001.CEL  
 12-Small-intestine-epithelium RMINEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 10-FAE-RMPYEP001001.CEL  
 09-Ileum-IEC GSM190797.CEL  
 08-Ileum-IEC GSM190796.CEL  
 07-Ileum-IEC GSM190795.CEL  
 06-CT-v-M-cells GSM190794.CEL  
 05-CT-v-M-cells GSM190793.CEL  
 04-PP-M-cells GSM190792.CEL  
 03-PP-M-cells GSM190791.CEL  
 02-PP-M-cells GSM190790.CEL  
 01-PP-M-cells GSM190789.CEL



Cluster0228\_Uncertain (9 nodes)

1,083.1  
1,026.1  
969.1  
912.1  
855  
798  
741  
684  
627  
570  
513  
456  
399  
342  
285  
228  
171  
114  
57  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988103.CEL  
124-Colon-d9 GSM1988102.CEL  
123-Colon-d4 GSM1988101.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258725.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-P-FDC GSM481977.CEL  
82-P-FDC GSM481978.CEL  
81-P-FDC GSM481976.CEL  
80-L-Y RMLNDCC003001.CEL  
79-L-Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-T-cells CD8+ GSM258777.CEL  
70-T-cells CD8+ GSM258775.CEL  
69-T-cells CD4+ GSM258774.CEL  
68-T-cells CD4+ GSM258773.CEL  
67-Thymocyte-DN GSM465595.CEL  
66-Osteoclasts GSM258743.CEL  
65-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7d GSM258702.CEL  
58-PM-M-PS-6h GSM258700.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258694.CEL  
54-BMM-LPS-6h GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258664.CEL  
34-MEP GSM2588720.CEL  
33-MEP GSM2588719.CEL  
32-MEP GSM2588719.CEL  
31-HSC GSM2588719.CEL  
30-HSC GSM2588719.CEL  
29-Bone marrow GSM2588628.CEL  
28-Bone marrow GSM2588627.CEL  
27-paneth-cells-GF GSM116358.CEL  
26-paneth-cells-GF GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM480375.CEL  
20-paneth-cells GSM480374.CEL  
19-paneth-cells GSM480363.CEL  
18-paneth-cells GSM480362.CEL  
17-paneth-cells GSM349880.CEL  
16-paneth-cells GSM350375.CEL  
15-paneth-cells GSM350376.CEL  
14-paneth-cells GSM350371.CEL  
13-paneth-cells GSM258627.CEL  
12-paneth-cells GSM258627.CEL  
11-paneth-cells GSM258627.CEL  
10-paneth-cells GSM258627.CEL  
9-paneth-cells GSM258627.CEL  
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7-paneth-cells GSM258627.CEL  
6-paneth-cells GSM258627.CEL  
5-paneth-cells GSM258627.CEL  
4-paneth-cells GSM258627.CEL  
3-paneth-cells GSM258627.CEL  
2-paneth-cells GSM258627.CEL  
1-paneth-cells GSM258627.CEL



### Cluster0229\_High in Paneth cells (9 nodes)

2,271.6  
2,152.1  
2,032.5  
1,912.9  
1,793.4  
1,673.8  
1,554.3  
1,434.7  
1,315.2  
1,195.6  
1,076  
956.5  
836.9  
717.4  
597.8  
478.2  
358.7  
239.1  
119.6  
0



130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258674 CELL  
 118- Intestine-small GSM258673 CELL  
 117- Lymph-nodes GSM258672 CELL  
 116- Lymph-nodes GSM258671 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258766 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258727 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258726 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258724 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258665 CELL  
 105- Bruce4 GSM258664 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258689 CELL  
 102- NIH3T3 GSM258730 CELL  
 101- NIH3T3 GSM258729 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T1/2 GSM258632 CELL  
 97- 10T1/2 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Chondrocytes GSM266740 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- T cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- PP-FDC GSM481977 CELL  
 82- PP-FDC GSM481978 CELL  
 81- PP-FDC GSM481976 CELL  
 80- FLY RMLNDCC003001 CELL  
 79- FLY RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258621 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258774 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- T-cells-CD4+ GSM258744 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- PMM-LPS-7h GSM268706 CELL  
 61- PMM-LPS-7h GSM268705 CELL  
 60- PMM-LPS-6h GSM258702 CELL  
 59- PMM-LPS-6h GSM258701 CELL  
 58- BMM-LPS-6h GSM268699 CELL  
 57- BMM-LPS-6h GSM268699 CELL  
 56- BMM-LPS-6h GSM258694 CELL  
 55- BMM-LPS-6h GSM258694 CELL  
 54- BMM-LPS-6h GSM258694 CELL  
 53- BMM-LPS-6h GSM258694 CELL  
 52- BMM-LPS-6h GSM258694 CELL  
 51- BMM-LPS-6h GSM258694 CELL  
 50- CD8a-DC GSM258647 CELL  
 49- CD8a-DC GSM258646 CELL  
 48- CD8a+DC GSM258646 CELL  
 47- NK-cells GSM258732 CELL  
 46- NK-cells GSM258731 CELL  
 45- Mast-cells-IgE+Ad GSM258718 CELL  
 44- Mast-cells-IgE+Ad GSM258717 CELL  
 43- Mast-cells-IgE GSM258714 CELL  
 42- Mast-cells-IgE GSM258713 CELL  
 41- Mast-cells GSM258712 CELL  
 40- Mast-cells GSM258711 CELL  
 39- Granulocytes GSM258668 CELL  
 38- Granulocytes GSM258667 CELL  
 37- GMP GSM258666 CELL  
 36- GMP GSM258665 CELL  
 35- GMP GSM258664 CELL  
 34- GMP GSM258642 CELL  
 33- MIEP GSM2588720 CELL  
 32- MIEP GSM2588719 CELL  
 31- HESC GSM258770 CELL  
 30- HESC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116350 CELL  
 25- Paneth-cells GSM116359 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318590 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002901 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP002001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- CT-v-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL







## Cluster0231\_intestine-related (9 nodes)

6,863.8  
6,502.6  
6,141.3  
5,780.1  
5,418.8  
5,057.6  
4,696.3  
4,335.1  
3,973.8  
3,612.6  
3,251.3  
2,890  
2,528.8  
2,167.5  
1,806.3  
1,445  
1,083.6  
722.5  
361.3  
0



30-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258670 CELL  
 114-Spleen GSM258669 CELL  
 113-Neuro2a GSM241898 CELL  
 112-Neuro2a GSM241897 CELL  
 111-Astrocytes GSM241896 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258665 CELL  
 105-Bruce4 GSM258664 CELL  
 104-C2C12 GSM258663 CELL  
 103-C2C12 GSM258662 CELL  
 102-NH3T3 GSM258739 CELL  
 101-NH3T3 GSM258738 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-PP-FDC GSM481977 CELL  
 82-PP-FDC GSM481978 CELL  
 81-PP-FDC GSM481976 CELL  
 80-D-FY RMLNDCC003001 CELL  
 79-D-FY RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-PS-7h GSM258706 CELL  
 60-MM-PS-7h GSM258706 CELL  
 59-MM-PS-6h GSM258702 CELL  
 58-MM-PS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Ismacryoid-DC GSM258650 CELL  
 52-Ismacryoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258718 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258667 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-CMP GSM258642 CELL  
 34-MECP GSM258641 CELL  
 33-MECP GSM258770 CELL  
 32-HESC GSM258770 CELL  
 31-HESC GSM258769 CELL  
 30-Bone marrow GSM258628 CELL  
 29-Bone marrow GSM258627 CELL  
 28-Paneth-cells-GE GSM116358 CELL  
 27-Paneth-cells-GE GSM116357 CELL  
 26-Paneth-cells-GE GSM116350 CELL  
 25-Paneth-cells GSM116350 CELL  
 24-Paneth-cells GSM116359 CELL  
 23-Paneth-cells GSM318589 CELL  
 22-Paneth-cells GSM318590 CELL  
 21-Color-Crypt GSM480375 cel  
 20-Color-Crypt GSM480374 cel  
 19-Color-Vill GSM480363 cel  
 18-Color-Vill GSM480362 cel  
 17-Color-IEC-Gf GSM349880 CELL  
 16-Color-IEC-Gf GSM350375 CELL  
 15-Ileum-IEC-Gf GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002901 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP002001 CELL  
 10-FAE-RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-w-M-cells GSM190794 CELL  
 05-CT-y-M-cells GSM190793 CELL  
 04-PP-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0232\_intestine-related (9 nodes)

801.7  
759.5  
717.3  
675.1  
632.9  
590.7  
548.5  
506.3  
464.1  
421.9  
379.7  
337.5  
295.4  
253.2  
211  
168.8  
126.6  
84.4  
42.2  
0

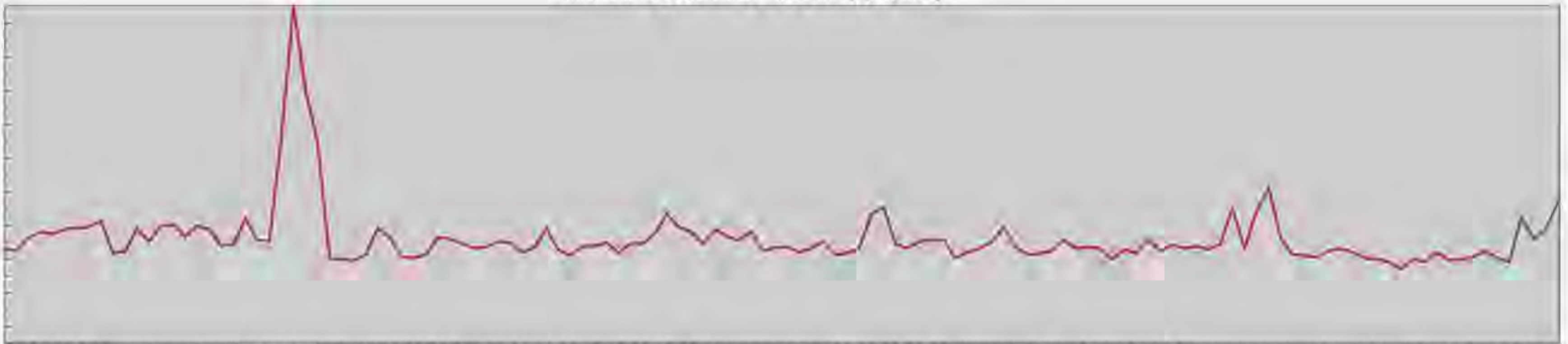


01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-y-M-cells	GSM190792	CEL
05	CT-y-M-cells	GSM190793	CEL
06	CT-w-M-cells	GSM190794	CEL
07	Ileum-EC	GSM190795	CEL
08	Ileum-EC	GSM190796	CEL
09	Ileum-EC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-EC	GSM350371	CEL
15	Ileum-EC	GSM350375	CEL
16	Colon-EC	GSM349880	CEL
17	Colon-VIII	GSM480362	cel
18	Colon-VIII	GSM480363	cel
19	Colon-VIII	GSM480364	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318590	CEL
23	Paneth-cells	GSM318589	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116350	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	HS	GSM258770	CEL
31	HS	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	MEP	GSM258775	CEL
36	MEP	GSM258776	CEL
37	MEP	GSM258777	CEL
38	MEP	GSM258778	CEL
39	Granulocytes	GSM258779	CEL
40	Mast-cells	GSM258781	CEL
41	Mast-cells	GSM258782	CEL
42	Mast-cells	GSM258783	CEL
43	Mast-cells	GSM258784	CEL
44	Mast-cells	GSM258785	CEL
45	Mast-cells	GSM258786	CEL
46	NK-cells	GSM258787	CEL
47	NK-cells	GSM258788	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a+DC	GSM258648	CEL
51	CD8a+DC	GSM258649	CEL
52	CD8a+DC	GSM258650	CEL
53	CD8a+DC	GSM258651	CEL
54	CD8a+DC	GSM258652	CEL
55	CD8a+DC	GSM258653	CEL
56	CD8a+DC	GSM258654	CEL
57	CD8a+DC	GSM258655	CEL
58	CD8a+DC	GSM258656	CEL
59	CD8a+DC	GSM258657	CEL
60	CD8a+DC	GSM258658	CEL
61	CD8a+DC	GSM258659	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258722	CEL
64	Microglia	GSM258723	CEL
65	Osteoclasts	GSM258743	CEL
66	Osteoclasts	GSM258744	CEL
67	Thymocyte-DN	GSM465595	CEL
68	Thymocyte-DN	GSM465596	CEL
69	T-cells-CD4+	GSM258773	CEL
70	T-cells-CD4+	GSM258774	CEL
71	T-cells-CD4+	GSM258775	CEL
72	T-cells-CD4+	GSM258776	CEL
73	Tregs	GSM258778	CEL
74	Tregs	GSM258779	CEL
75	Tregs	GSM258780	CEL
76	Tregs	GSM258781	CEL
77	Tregs	GSM258782	CEL
78	Follicular-B-cells	GSM258664	CEL
79	Follicular-B-cells	GSM258665	CEL
80	Follicular-B-cells	GSM258666	CEL
81	Follicular-B-cells	GSM258667	CEL
82	Follicular-B-cells	GSM258668	CEL
83	Follicular-B-cells	GSM258669	CEL
84	Follicular-B-cells	GSM258670	CEL
85	Follicular-B-cells	GSM258671	CEL
86	Follicular-B-cells	GSM258672	CEL
87	Follicular-B-cells	GSM258673	CEL
88	Follicular-B-cells	GSM258674	CEL
89	Follicular-B-cells	GSM258675	CEL
90	Follicular-B-cells	GSM258676	CEL
91	Follicular-B-cells	GSM258677	CEL
92	Follicular-B-cells	GSM258678	CEL
93	Follicular-B-cells	GSM258679	CEL
94	Follicular-B-cells	GSM258680	CEL
95	Follicular-B-cells	GSM258681	CEL
96	Follicular-B-cells	GSM258682	CEL
97	Follicular-B-cells	GSM258683	CEL
98	Follicular-B-cells	GSM258684	CEL
99	Follicular-B-cells	GSM258685	CEL
100	Follicular-B-cells	GSM258686	CEL
101	Follicular-B-cells	GSM258687	CEL
102	Follicular-B-cells	GSM258688	CEL
103	Follicular-B-cells	GSM258689	CEL
104	Follicular-B-cells	GSM258690	CEL
105	Follicular-B-cells	GSM258691	CEL
106	Follicular-B-cells	GSM258692	CEL
107	Follicular-B-cells	GSM258693	CEL
108	Follicular-B-cells	GSM258694	CEL
109	Follicular-B-cells	GSM258695	CEL
110	Follicular-B-cells	GSM258696	CEL
111	Follicular-B-cells	GSM258697	CEL
112	Follicular-B-cells	GSM258698	CEL
113	Follicular-B-cells	GSM258699	CEL
114	Follicular-B-cells	GSM258700	CEL
115	Follicular-B-cells	GSM258701	CEL
116	Follicular-B-cells	GSM258702	CEL
117	Follicular-B-cells	GSM258703	CEL
118	Follicular-B-cells	GSM258704	CEL
119	Follicular-B-cells	GSM258705	CEL
120	Follicular-B-cells	GSM258706	CEL
121	Follicular-B-cells	GSM258707	CEL
122	Follicular-B-cells	GSM258708	CEL
123	Follicular-B-cells	GSM258709	CEL
124	Follicular-B-cells	GSM258710	CEL
125	Follicular-B-cells	GSM258711	CEL
126	Follicular-B-cells	GSM258712	CEL
127	Follicular-B-cells	GSM258713	CEL
128	Follicular-B-cells	GSM258714	CEL
129	Follicular-B-cells	GSM258715	CEL
130	Follicular-B-cells	GSM258716	CEL
131	Follicular-B-cells	GSM258717	CEL
132	Follicular-B-cells	GSM258718	CEL
133	Follicular-B-cells	GSM258719	CEL
134	Follicular-B-cells	GSM258720	CEL
135	Follicular-B-cells	GSM258721	CEL
136	Follicular-B-cells	GSM258722	CEL
137	Follicular-B-cells	GSM258723	CEL
138	Follicular-B-cells	GSM258724	CEL
139	Follicular-B-cells	GSM258725	CEL
140	Follicular-B-cells	GSM258726	CEL
141	Follicular-B-cells	GSM258727	CEL
142	Follicular-B-cells	GSM258728	CEL
143	Follicular-B-cells	GSM258729	CEL
144	Follicular-B-cells	GSM258730	CEL
145	Follicular-B-cells	GSM258731	CEL
146	Follicular-B-cells	GSM258732	CEL
147	Follicular-B-cells	GSM258733	CEL
148	Follicular-B-cells	GSM258734	CEL
149	Follicular-B-cells	GSM258735	CEL
150	Follicular-B-cells	GSM258736	CEL
151	Follicular-B-cells	GSM258737	CEL
152	Follicular-B-cells	GSM258738	CEL
153	Follicular-B-cells	GSM258739	CEL
154	Follicular-B-cells	GSM258740	CEL
155	Follicular-B-cells	GSM258741	CEL
156	Follicular-B-cells	GSM258742	CEL
157	Follicular-B-cells	GSM258743	CEL
158	Follicular-B-cells	GSM258744	CEL
159	Follicular-B-cells	GSM258745	CEL
160	Follicular-B-cells	GSM258746	CEL
161	Follicular-B-cells	GSM258747	CEL
162	Follicular-B-cells	GSM258748	CEL
163	Follicular-B-cells	GSM258749	CEL
164	Follicular-B-cells	GSM258750	CEL
165	Follicular-B-cells	GSM258751	CEL
166	Follicular-B-cells	GSM258752	CEL
167	Follicular-B-cells	GSM258753	CEL
168	Follicular-B-cells	GSM258754	CEL
169	Follicular-B-cells	GSM258755	CEL
170	Follicular-B-cells	GSM258756	CEL
171	Follicular-B-cells	GSM258757	CEL
172	Follicular-B-cells	GSM258758	CEL
173	Follicular-B-cells	GSM258759	CEL
174	Follicular-B-cells	GSM258760	CEL
175	Follicular-B-cells	GSM258761	CEL
176	Follicular-B-cells	GSM258762	CEL
177	Follicular-B-cells	GSM258763	CEL
178	Follicular-B-cells	GSM258764	CEL
179	Follicular-B-cells	GSM258765	CEL
180	Follicular-B-cells	GSM258766	CEL
181	Follicular-B-cells	GSM258767	CEL
182	Follicular-B-cells	GSM258768	CEL
183	Follicular-B-cells	GSM258769	CEL
184	Follicular-B-cells	GSM258770	CEL
185	Follicular-B-cells	GSM258771	CEL
186	Follicular-B-cells	GSM258772	CEL
187	Follicular-B-cells	GSM258773	CEL
188	Follicular-B-cells	GSM258774	CEL
189	Follicular-B-cells	GSM258775	CEL
190	Follicular-B-cells	GSM258776	CEL
191	Follicular-B-cells	GSM258777	CEL
192	Follicular-B-cells	GSM258778	CEL
193	Follicular-B-cells	GSM258779	CEL
194	Follicular-B-cells	GSM258780	CEL
195	Follicular-B-cells	GSM258781	CEL
196	Follicular-B-cells	GSM258782	CEL
197	Follicular-B-cells	GSM258783	CEL
198	Follicular-B-cells	GSM258784	CEL
199	Follicular-B-cells	GSM258785	CEL
200	Follicular-B-cells	GSM258786	CEL



Cluster0233\_Uncertain-low in many (9 nodes)

92.2  
87.3  
82.5  
77.6  
72.8  
67.9  
63.1  
58.2  
53.4  
48.5  
43.7  
38.8  
34  
29.1  
24.3  
19.4  
14.6  
9.7  
4.9  
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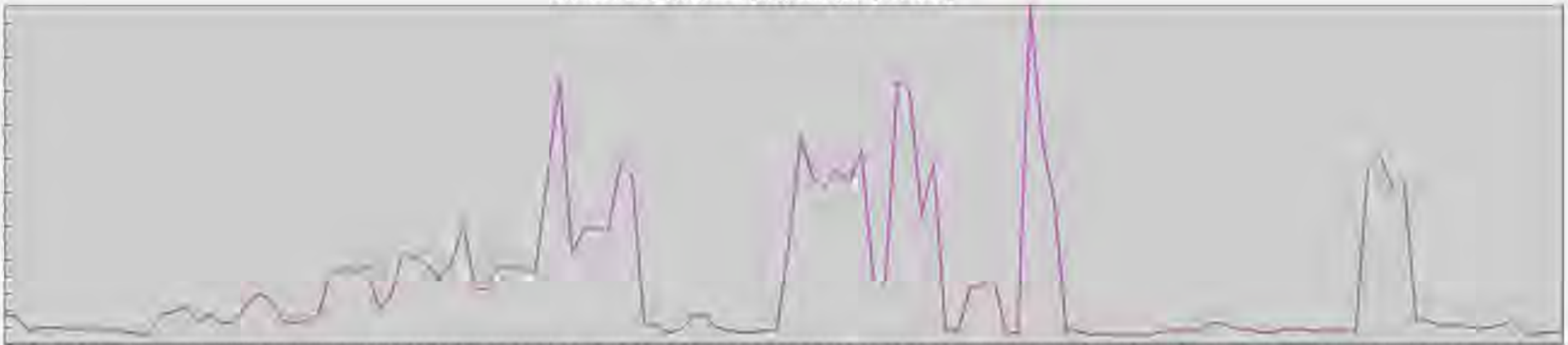


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-paneth-cells GSM1988105.CEL  
125-paneth-cells GSM1988104.CEL  
124-paneth-cells GSM1988103.CEL  
123-paneth-cells GSM1988102.CEL  
122-paneth-cells GSM318589.CEL  
121-paneth-cells GSM318590.CEL  
120-paneth-cells GSM480375.CEL  
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118-paneth-cells GSM480362.CEL  
117-paneth-cells GSM480363.CEL  
116-paneth-cells GSM116350.CEL  
115-paneth-cells GSM116357.CEL  
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43-paneth-cells GSM116359.CEL  
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41-paneth-cells GSM116359.CEL  
40-paneth-cells GSM116359.CEL  
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22-paneth-cells GSM116359.CEL  
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8-paneth-cells GSM116359.CEL  
7-paneth-cells GSM116359.CEL  
6-paneth-cells GSM116359.CEL  
5-paneth-cells GSM116359.CEL  
4-paneth-cells GSM116359.CEL  
3-paneth-cells GSM116359.CEL  
2-paneth-cells GSM116359.CEL  
1-paneth-cells GSM116359.CEL



Cluster0234\_House keeping-cell cycle (8 nodes)

642.2  
608.4  
574.6  
540.8  
507  
473.2  
439.4  
405.6  
371.8  
338  
304.2  
270.4  
236.6  
202.8  
169  
135.2  
101.4  
67.6  
33.8  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endg-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258664.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-7h GSM258706.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258702.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-BMM-GSM258694.CEL  
54-BMM-GSM258694.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0235\_Uncertain (8 nodes)

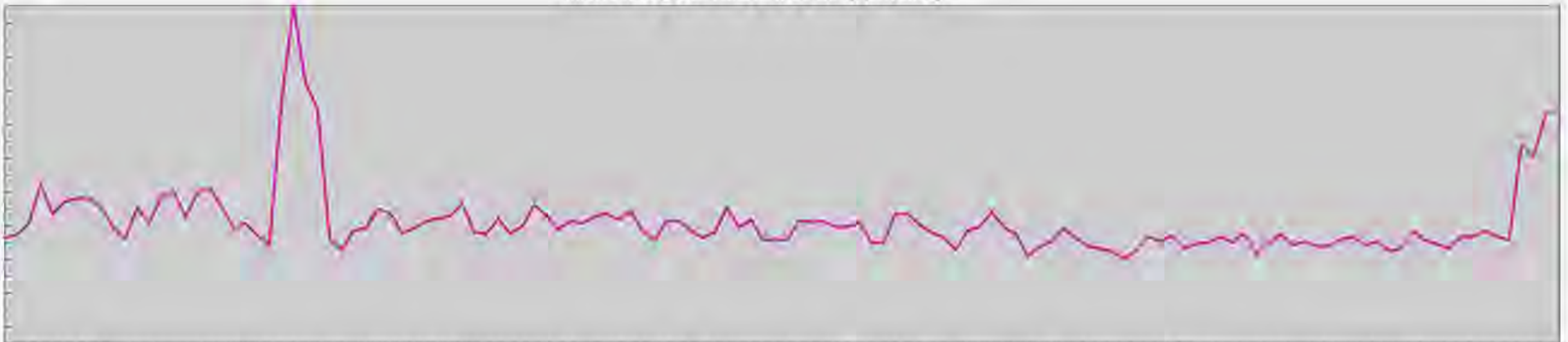
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993.8  
938.6  
883.4  
828.2  
773  
717.8  
662.6  
607.3  
552.1  
496.9  
441.7  
386.5  
331.3  
278.1  
220.9  
165.6  
110.4  
55.2  
0



130-NALT GSM2894110.CEL  
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 127-NALT GSM289408.CEL  
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 125-CD9 GSM1988104.CEL  
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 122-CD9 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
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 116-Lymph-nodes GSM258692.CEL  
 115-Spleen GSM258767.CEL  
 114-Spleen GSM258768.CEL  
 113-Neuro2a GSM258728.CEL  
 112-Neuro2a GSM258729.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mim6 GSM258726.CEL  
 109-mim6 GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
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 98-10T12 GSM258632.CEL  
 97-10T12 GSM258631.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d21 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
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 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
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 87-LT cell GSM465596.CEL  
 86-MS-1 GSM234692.CEL  
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 76-MZ-Bcell GSM258627.CEL  
 75-MZ-Bcell GSM258627.CEL  
 74-BAF3 GSM258620.CEL  
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 72-Tregs GSM258778.CEL  
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 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258775.CEL  
 68-T-cells-CD4+ GSM258774.CEL  
 67-T-cells-CD4+ GSM258773.CEL  
 66-Thymocyte-DN GSM465595.CEL  
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 4-Microglia GSM258721.CEL  
 3-Microglia GSM258721.CEL  
 2-Microglia GSM258721.CEL  
 1-Microglia GSM258721.CEL



Cluster0236\_Uncertain-low in many (8 nodes)

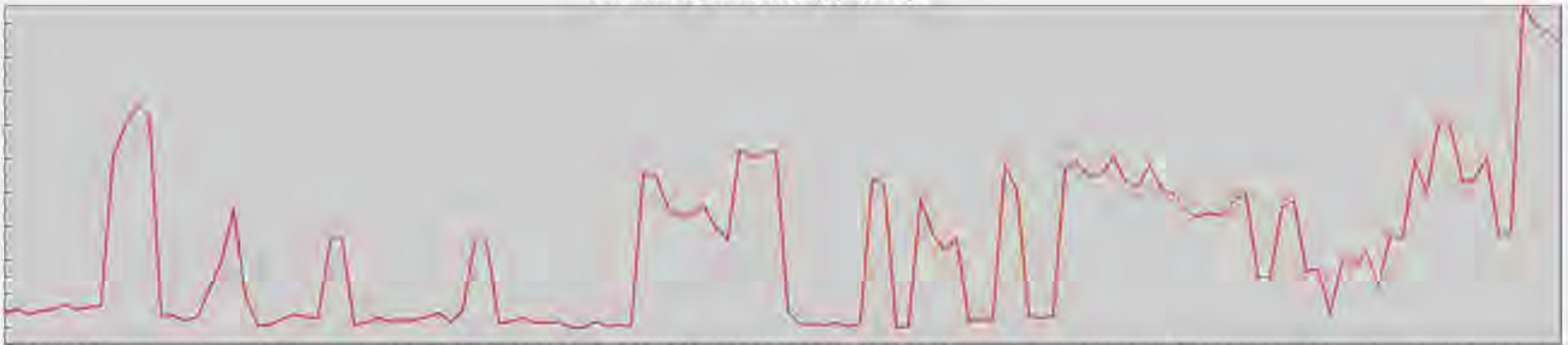


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 03-PP-M-cells\_GSM190791.CEL  
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 06-CT-v-M-cells\_GSM190794.CEL  
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 08-Ileum-IEC\_GSM190796.CEL  
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 11-FAE-RMPYE002001.CEL  
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 13-Small-intestine-epithelium\_RMINEP002001.CEL  
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 16-Colon-IEC-Gf\_GSM349880.CEL  
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 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
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 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116350.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
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 28-Bone marrow\_GSM258627.CEL  
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 30-HSC\_GSM258770.CEL  
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 36-GMP\_GSM258665.CEL  
 37-GMP\_GSM258665.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-Gf\_GSM258714.CEL  
 43-Mast-cells-Gf\_GSM258714.CEL  
 44-Mast-cells-IgE+Ad\_GSM258718.CEL  
 45-Mast-cells-IgE+Ad\_GSM258718.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258645.CEL  
 49-CD8a+DC\_GSM258645.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258650.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258699.CEL  
 57-BMM-LPS-6h\_GSM258699.CEL  
 58-PMM-GSM258702.CEL  
 59-PMM-GSM258702.CEL  
 60-PMM-LPS-7h\_GSM258706.CEL  
 61-PMM-LPS-7h\_GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258775.CEL  
 70-T-cells-CD8+\_GSM258775.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258619.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258622.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-FLY-RMLNDC002001.CEL  
 80-FLY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481978.CEL  
 82-PP-FDC\_GSM481978.CEL  
 83-PP-FDC\_GSM481978.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d21\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258729.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258656.CEL  
 106-Bruce4\_GSM258656.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Lymph-nodes\_GSM258691.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258678.CEL  
 121-Intestine-large\_GSM258678.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198101.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198103.CEL  
 126-Colon-d9\_GSM198104.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0237\_House keeping (8 nodes)

925.8  
877.1  
828.4  
779.6  
730.9  
682.2  
633.4  
584.7  
536  
487.3  
438.5  
389.8  
341.1  
292.4  
243.6  
194.9  
146.2  
97.5  
48.7  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988104.CEL  
125-Colon-d9 GSM1988103.CEL  
124-Colon-d9 GSM1988102.CEL  
123-Colon-d4 GSM1988101.CEL  
122-Colon-d4 GSM1988100.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258679.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258766.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258632.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-FLY RMLNDCC003001.CEL  
79-FLY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7d GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-H9C GSM258770.CEL  
30-H9C GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116357.CEL  
26-Paneth-cells-GF-1 GSM116359.CEL  
25-Paneth-cells GSM116359.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC-GF GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0238\_High in B cells (8 nodes)

589  
558  
527  
496  
465  
434  
403  
372  
341  
310  
279  
248  
217  
186  
155  
124  
93  
62  
31  
0



130- NALT GSM2899411 CELL  
 129- NALT GSM2899410 CELL  
 128- NALT GSM2899409 CELL  
 127- NALT GSM2899408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258674 CELL  
 118- Intestine-small GSM258673 CELL  
 117- Lymph-nodes GSM258672 CELL  
 116- Lymph-nodes GSM258671 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258766 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258727 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258726 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258724 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258656 CELL  
 105- Bruce4 GSM258655 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258689 CELL  
 102- NIH3T3 GSM258730 CELL  
 101- NIH3T3 GSM258729 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T1/2 GSM258632 CELL  
 97- 10T1/2 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Nat Helper cell GSM465594 CELL  
 88- Nat Helper cell GSM465593 CELL  
 87- T cell GSM465596 CELL  
 86- MS-1 GSM234692 CELL  
 85- Lymph-endo-cells GSM143704 CELL  
 84- P-FDC GSM481977 CELL  
 83- P-FDC GSM481978 CELL  
 82- P-FDC GSM481976 CELL  
 81- P-FDC GSM481975 CELL  
 80- E-L Y RMLNDCC003001 CELL  
 79- E-L Y RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- MZ-Bcell GSM258627 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- BAF3 GSM258620 CELL  
 74- BAF3 GSM258619 CELL  
 73- Tregs GSM258778 CELL  
 72- Tregs GSM258777 CELL  
 71- T-cells-CD8+ GSM258776 CELL  
 70- T-cells-CD8+ GSM258774 CELL  
 69- T-cells-CD4+ GSM258773 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- Thymocyte-DN GSM465595 CELL  
 66- Osteoclasts GSM258743 CELL  
 65- Microglia GSM258721 CELL  
 64- Microglia GSM258721 CELL  
 63- P-MM-LPS-7h GSM268706 CELL  
 62- P-MM-LPS-7h GSM268706 CELL  
 61- P-MM-LPS-7h GSM268705 CELL  
 60- P-MM-LPS-6h GSM258702 CELL  
 59- P-MM-LPS-6h GSM258701 CELL  
 58- P-MM-LPS-6h GSM258699 CELL  
 57- P-MM-LPS-6h GSM258699 CELL  
 56- P-MM-LPS-6h GSM258694 CELL  
 55- P-MM-LPS-6h GSM258694 CELL  
 54- P-MM-LPS-6h GSM258694 CELL  
 53- P-MM-LPS-6h GSM258694 CELL  
 52- P-MM-LPS-6h GSM258694 CELL  
 51- P-MM-LPS-6h GSM258694 CELL  
 50- P-MM-LPS-6h GSM258694 CELL  
 49- P-MM-LPS-6h GSM258694 CELL  
 48- P-MM-LPS-6h GSM258694 CELL  
 47- NK-cells GSM258732 CELL  
 46- NK-cells GSM258731 CELL  
 45- Mast-cells-IgE+Ad GSM258719 CELL  
 44- Mast-cells-IgE+Ad GSM258717 CELL  
 43- Mast-cells-IgE GSM258714 CELL  
 42- Mast-cells-IgE GSM258713 CELL  
 41- Mast-cells-IgE GSM258712 CELL  
 40- Mast-cells-IgE GSM258712 CELL  
 39- Granulocytes GSM258668 CELL  
 38- Granulocytes GSM258667 CELL  
 37- GMP GSM258666 CELL  
 36- GMP GSM258665 CELL  
 35- GMP GSM258665 CELL  
 34- GMP GSM258665 CELL  
 33- MIEP GSM258872 CELL  
 32- MIEP GSM258871 CELL  
 31- HESC GSM258770 CELL  
 30- HESC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116357 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Paneth-cells GSM318590 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002901 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE RMPYEP002001 CELL  
 10- FAE RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-w-M-cells GSM190794 CELL  
 05- CT-y-M-cells GSM190793 CELL  
 04- PP-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0239\_Uncertain-low in many (8 nodes)

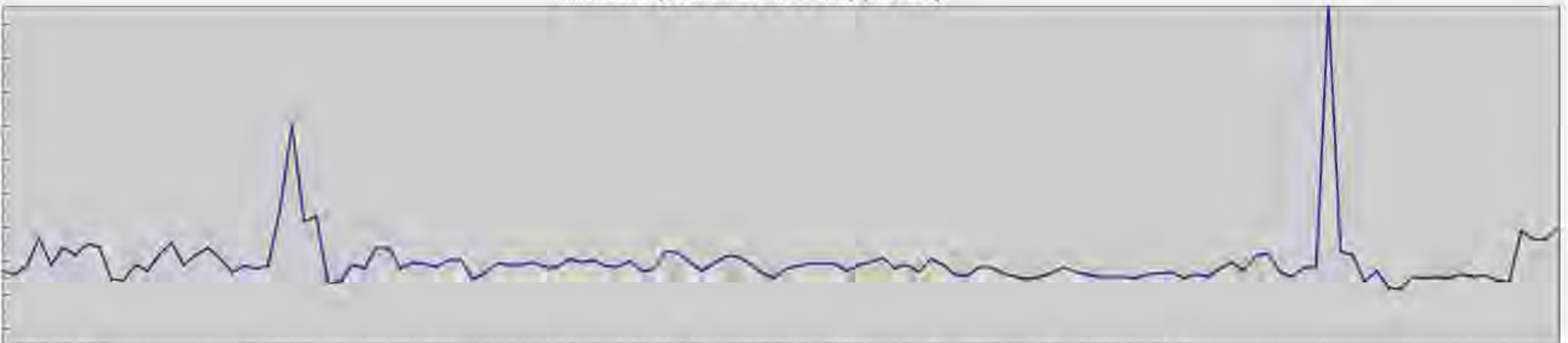
93.9  
89  
84  
79.1  
74.2  
69.2  
64.3  
59.3  
54.4  
49.4  
44.5  
39.5  
34.6  
29.7  
24.7  
19.8  
14.8  
9.9  
4.9  
0



130-NALT-GSM289411.CEL  
129-NALT-GSM289410.CEL  
128-NALT-GSM289409.CEL  
127-NALT-GSM289408.CEL  
126-Colon-d9-GSM1988105.CEL  
125-Colon-d9-GSM1988104.CEL  
124-Colon-d9-GSM1988103.CEL  
123-Colon-d4-GSM1988102.CEL  
122-Colon-d4-GSM1988101.CEL  
121-Intestine-large-GSM258676.CEL  
120-Intestine-large-GSM258675.CEL  
119-Intestine-small-GSM258678.CEL  
118-Intestine-small-GSM258677.CEL  
117-Lymph-nodes-GSM258691.CEL  
116-Lymph-nodes-GSM258692.CEL  
115-Spleen-GSM258767.CEL  
114-Spleen-GSM258768.CEL  
113-Neuro2a-GSM258728.CEL  
112-Neuro2a-GSM258727.CEL  
111-Astrocytes-GSM241898.CEL  
110-mim6-GSM258726.CEL  
109-mim6-GSM258725.CEL  
108-MIMCD3-GSM258724.CEL  
107-MIMCD3-GSM258723.CEL  
106-Bruce4-GSM258656.CEL  
105-Bruce4-GSM258655.CEL  
104-C2C12-GSM258690.CEL  
103-C2C12-GSM258689.CEL  
102-NH3T3-GSM258739.CEL  
101-NH3T3-GSM258738.CEL  
100-3T3-L1-GSM258610.CEL  
99-3T3-L1-GSM258609.CEL  
98-10T12-GSM258632.CEL  
97-10T12-GSM258631.CEL  
96-Osteoblast-d21-GSM258740.CEL  
95-Osteoblast-d21-GSM258739.CEL  
94-Osteoblast-d14-GSM258738.CEL  
93-Osteoblast-d14-GSM258737.CEL  
92-Osteoblast-d5-GSM258742.CEL  
91-Osteoblast-d5-GSM258741.CEL  
90-Chondrocytes-GSM266741.CEL  
89-Chondrocytes-GSM266740.CEL  
88-Nat Helper cell-GSM465594.CEL  
87-Nat Helper cell-GSM465593.CEL  
86-LT cell-GSM465596.CEL  
85-MS-1-GSM234692.CEL  
84-Lymph-endo-cells-GSM143704.CEL  
83-PP-FDC-GSM481977.CEL  
82-PP-FDC-GSM481978.CEL  
81-PP-FDC-GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells-GSM258664.CEL  
77-Follicular-Bcells-GSM258663.CEL  
76-MZ-Bcell-GSM258627.CEL  
75-MZ-Bcell-GSM258621.CEL  
74-BAF3-GSM258620.CEL  
73-BAF3-GSM258619.CEL  
72-Tregs-GSM258778.CEL  
71-Tregs-GSM258777.CEL  
70-T-cells-CD8+-GSM258776.CEL  
69-T-cells-CD8+-GSM258775.CEL  
68-T-cells-CD4+-GSM258774.CEL  
67-T-cells-CD4+-GSM258773.CEL  
66-Thymocyte-DN-GSM465595.CEL  
65-Osteoclasts-GSM258743.CEL  
64-Microglia-GSM258721.CEL  
63-Microglia-GSM258721.CEL  
62-MM-LPS-7h-GSM258706.CEL  
61-MM-LPS-7h-GSM258705.CEL  
60-MM-LPS-6h-GSM258702.CEL  
59-MM-LPS-6h-GSM258701.CEL  
58-MM-LPS-6h-GSM258699.CEL  
57-MM-LPS-6h-GSM258699.CEL  
56-MM-LPS-6h-GSM258694.CEL  
55-Plasmacytoid-DC-GSM258650.CEL  
54-Plasmacytoid-DC-GSM258649.CEL  
53-CD8a-DC-GSM258647.CEL  
52-CD8a-DC-GSM258647.CEL  
51-CD8a+DC-GSM258646.CEL  
50-CD8a+DC-GSM258645.CEL  
49-NK-cells-GSM258732.CEL  
48-NK-cells-GSM258731.CEL  
47-Mast-cells-IgE+Ad-GSM258718.CEL  
46-Mast-cells-IgE+Ad-GSM258717.CEL  
45-Mast-cells-IgE-GSM258714.CEL  
44-Mast-cells-IgE-GSM258713.CEL  
43-Mast-cells-IgE-GSM258712.CEL  
42-Mast-cells-IgE-GSM258711.CEL  
41-Mast-cells-GSM258711.CEL  
40-Granulocytes-GSM258668.CEL  
39-Granulocytes-GSM258667.CEL  
38-GMP-GSM258666.CEL  
37-GMP-GSM258665.CEL  
36-GMP-GSM258664.CEL  
35-GMP-GSM258642.CEL  
34-MEP-GSM258854.CEL  
33-MEP-GSM258854.CEL  
32-MEP-GSM258770.CEL  
31-HESC-GSM258770.CEL  
30-HESC-GSM258769.CEL  
29-Bone marrow-GSM2588628.CEL  
28-Bone marrow-GSM2588627.CEL  
27-Paneth-cells-GF-GSM116357.CEL  
26-Paneth-cells-GF-1-GSM116357.CEL  
25-Paneth-cells-GSM116350.CEL  
24-Paneth-cells-GSM116359.CEL  
23-Paneth-cells-GSM318589.CEL  
22-Paneth-cells-GSM318590.CEL  
21-Colon-Crypt-GSM480375.CEL  
20-Colon-Crypt-GSM480374.CEL  
19-Colon-Vill-GSM480363.CEL  
18-Colon-Vill-GSM480362.CEL  
17-Colon-IEC-GF-GSM349880.CEL  
16-Colon-IEC-GF-GSM350375.CEL  
15-Ileum-IEC-GF-GSM350376.CEL  
14-Ileum-IEC-GSM350371.CEL  
13-Small-intestine-epithelium-RMINEP002001.CEL  
12-Small-intestine-epithelium-RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC-GSM190797.CEL  
08-Ileum-IEC-GSM190796.CEL  
07-Ileum-IEC-GSM190795.CEL  
06-CT-v-M-cells-GSM190794.CEL  
05-CT-v-M-cells-GSM190793.CEL  
04-CT-v-M-cells-GSM190792.CEL  
03-PP-M-cells-GSM190791.CEL  
02-PP-M-cells-GSM190790.CEL  
01-PP-M-cells-GSM190789.CEL



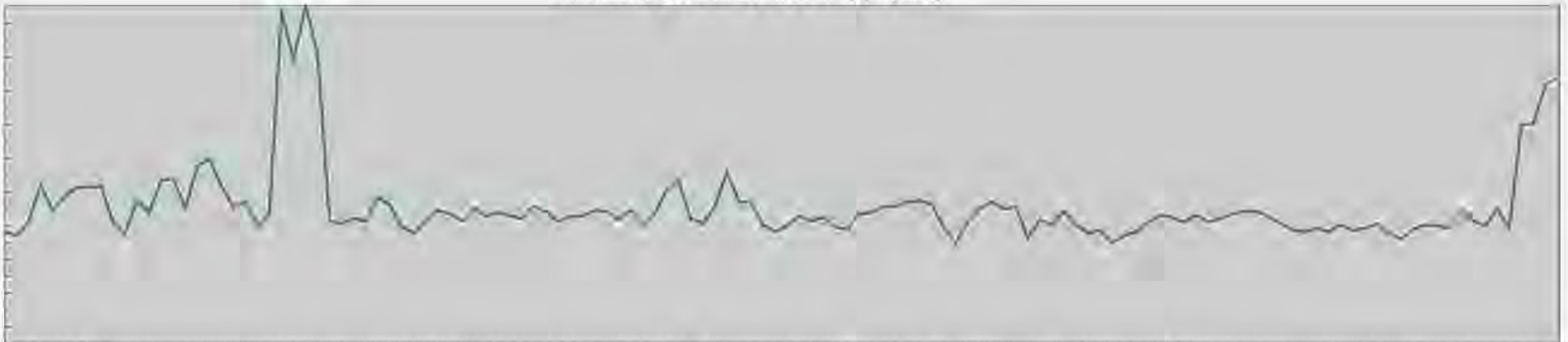
Cluster0240\_Uncertain-low in many (8 nodes)



01-PP-M-cells_GSM190789.CEL	130-NALT_GSM289411.CEL
02-PP-M-cells_GSM190790.CEL	129-NALT_GSM289410.CEL
03-PP-M-cells_GSM190791.CEL	128-NALT_GSM289409.CEL
04-CT-V-M-cells_GSM190792.CEL	127-NALT_GSM289408.CEL
05-CT-V-M-cells_GSM190793.CEL	126-Colon-d9-GSM1988105.CEL
06-CT-V-M-cells_GSM190794.CEL	125-Colon-d9-GSM1988104.CEL
07-Ileum-EC_GSM190795.CEL	124-Colon-d9-GSM1988103.CEL
08-Ileum-EC_GSM190796.CEL	123-Colon-d4-GSM1988102.CEL
09-Ileum-EC_GSM190797.CEL	122-Colon-d4-GSM1988101.CEL
10-FAE-RMP-EP001001.CEL	121-Intestine-large_GSM258676.CEL
11-FAE-RMP-EP002001.CEL	120-Intestine-large_GSM258675.CEL
12-Small-intestine-epithelium_RMINEP001001.CEL	119-Intestine-small_GSM258678.CEL
13-Small-intestine-epithelium_RMINEP002001.CEL	118-Intestine-small_GSM258677.CEL
14-Ileum-EC_GSM350371.CEL	117-Lymph-nodes_GSM258691.CEL
15-Ileum-EC_GSM350375.CEL	116-Lymph-nodes_GSM258690.CEL
16-Colon-EC-Gf_GSM349880.CEL	115-Spleen_GSM258767.CEL
17-Colon-VIII-GSM480362.CEL	114-Spleen_GSM258766.CEL
18-Colon-VIII-GSM480363.CEL	113-Neuro2a_GSM258728.CEL
19-Colon-VIII-GSM480364.CEL	112-Neuro2a_GSM258727.CEL
20-Colon-Crypt_GSM480374.CEL	111-Astrocytes_GSM241898.CEL
21-Colon-Crypt_GSM480375.CEL	110-mimb_GSM258726.CEL
22-Paneth-cells-GSM318589.CEL	109-mimb_GSM258725.CEL
23-Paneth-cells-GSM318590.CEL	108-MIMCD3_GSM258724.CEL
24-Paneth-cells-GSM116350.CEL	107-MIMCD3_GSM258723.CEL
25-Paneth-cells-GSM116351.CEL	106-Bruce4-GSM258656.CEL
26-Paneth-cells-GSM116352.CEL	105-Bruce4-GSM258655.CEL
27-Paneth-cells-Gf-GSM116357.CEL	104-C2C12-GSM258690.CEL
28-Paneth-cells-Gf-GSM116357.CEL	103-C2C12-GSM258689.CEL
29-Bone marrow_GSM258627.CEL	102-NH3T3-GSM258730.CEL
30-HHSC-GSM258770.CEL	101-NH3T3-GSM258729.CEL
31-MEP-GSM258771.CEL	100-3T3-L1_GSM258610.CEL
32-MEP-GSM258772.CEL	99-3T3-L1_GSM258609.CEL
33-MEP-GSM258854.CEL	98-10T12-GSM258632.CEL
34-MEP-GSM258854.CEL	97-10T12-GSM258631.CEL
35-GMP-GSM258866.CEL	96-Osteoblast-d21-GSM258740.CEL
36-GMP-GSM258866.CEL	95-Osteoblast-d21-GSM258739.CEL
37-GMP-GSM258866.CEL	94-Osteoblast-d14-GSM258738.CEL
38-Granulocytes_GSM258667.CEL	93-Osteoblast-d14-GSM258737.CEL
39-Granulocytes_GSM258667.CEL	92-Osteoblast-d5-GSM258742.CEL
40-Mast-cells_GSM258712.CEL	91-Osteoblast-d5-GSM258741.CEL
41-Mast-cells-GSM258712.CEL	90-Chondrocytes_GSM258674.CEL
42-Mast-cells-GSM258713.CEL	89-Nat Helper cell_GSM465594.CEL
43-Mast-cells-GSM258714.CEL	88-Nat Helper cell_GSM465593.CEL
44-Mast-cells-IdE+Ad-GSM258719.CEL	87-LT cell_GSM465596.CEL
45-Mast-cells-IdE+Ad-GSM258719.CEL	86-MS-1_GSM234692.CEL
46-NK-cells_GSM258731.CEL	85-Lymph-endo-cells_GSM143704.CEL
47-NK-cells_GSM258731.CEL	84-Lymph-endo-cells_GSM143704.CEL
48-CD8a+DC_GSM258646.CEL	83-PP-FDC_GSM481977.CEL
49-CD8a+DC_GSM258646.CEL	82-PP-FDC_GSM481978.CEL
50-CD8a-DC_GSM258647.CEL	81-PP-FDC_GSM481976.CEL
51-CD8a-DC_GSM258647.CEL	80-L-Y-RMLNDC002001.CEL
52-Plasmacytoid-DC_GSM258649.CEL	79-L-Y-RMLNDC002001.CEL
53-Plasmacytoid-DC_GSM258649.CEL	78-Follicular-B-cells_GSM258664.CEL
54-BMM-GSM258694.CEL	77-Follicular-B-cells_GSM258664.CEL
55-BMM-GSM258694.CEL	76-MZ-Bcell_GSM258622.CEL
56-BMM-LPS-6h_GSM258699.CEL	75-MZ-Bcell_GSM258621.CEL
57-BMM-LPS-6h_GSM258700.CEL	74-BAF3_GSM258620.CEL
58-BMM-LPS-7h_GSM258702.CEL	73-BAF3_GSM258619.CEL
59-BMM-LPS-7h_GSM258705.CEL	72-Tregs_GSM258778.CEL
60-BMM-LPS-7h_GSM258705.CEL	71-Tregs_GSM258778.CEL
61-PP-7h_GSM258706.CEL	70-T-cells-CD8+GSM258776.CEL
62-Microglia_GSM258721.CEL	69-T-cells-CD8+GSM258775.CEL
63-Microglia_GSM258721.CEL	68-T-cells-CD4+GSM258774.CEL
64-Osteoclasts_GSM258743.CEL	67-T-cells-CD4+GSM258773.CEL
65-Osteoclasts_GSM258743.CEL	66-Thymocyte-DN_GSM465595.CEL
66-Thymocyte-DN_GSM465595.CEL	65-Osteoclasts_GSM258744.CEL
67-T-cells-CD4+GSM258773.CEL	64-Osteoclasts_GSM258744.CEL
68-T-cells-CD4+GSM258774.CEL	63-Microglia_GSM258721.CEL
69-T-cells-CD8+GSM258775.CEL	62-Microglia_GSM258721.CEL
70-T-cells-CD8+GSM258776.CEL	61-PP-7h_GSM258706.CEL
71-Tregs_GSM258778.CEL	60-BMM-LPS-7h_GSM258705.CEL
72-Tregs_GSM258778.CEL	59-BMM-LPS-7h_GSM258702.CEL
73-BAF3_GSM258619.CEL	58-BMM-LPS-6h_GSM258699.CEL
74-BAF3_GSM258620.CEL	57-BMM-LPS-6h_GSM258699.CEL
75-MZ-Bcell_GSM258621.CEL	56-BMM-LPS-6h_GSM258699.CEL
76-MZ-Bcell_GSM258622.CEL	55-BMM-GSM258694.CEL
77-Follicular-B-cells_GSM258664.CEL	54-BMM-GSM258694.CEL
78-Follicular-B-cells_GSM258664.CEL	53-Plasmacytoid-DC_GSM258649.CEL
79-L-Y-RMLNDC002001.CEL	52-Plasmacytoid-DC_GSM258649.CEL
80-L-Y-RMLNDC002001.CEL	51-CD8a-DC_GSM258647.CEL
81-PP-FDC_GSM481976.CEL	50-CD8a-DC_GSM258647.CEL
82-PP-FDC_GSM481978.CEL	49-CD8a+DC_GSM258646.CEL
83-PP-FDC_GSM481977.CEL	48-CD8a+DC_GSM258646.CEL
84-Lymph-endo-cells_GSM143704.CEL	47-NK-cells_GSM258731.CEL
85-MS-1_GSM234692.CEL	46-NK-cells_GSM258731.CEL
86-LT cell_GSM465596.CEL	45-Mast-cells-IdE+Ad_GSM258719.CEL
87-Nat Helper cell_GSM465593.CEL	44-Mast-cells-IdE+Ad_GSM258719.CEL
88-Nat Helper cell_GSM465594.CEL	43-Mast-cells-IdE+Ad_GSM258714.CEL
89-Chondrocytes_GSM258674.CEL	42-Mast-cells-IdE+Ad_GSM258713.CEL
90-Chondrocytes_GSM258674.CEL	41-Mast-cells-GSM258712.CEL
91-Osteoblast-d5-GSM258741.CEL	40-Mast-cells-GSM258712.CEL
92-Osteoblast-d5-GSM258742.CEL	39-Granulocytes_GSM258667.CEL
93-Osteoblast-d14-GSM258737.CEL	38-Granulocytes_GSM258667.CEL
94-Osteoblast-d14-GSM258738.CEL	37-GMP-GSM258866.CEL
95-Osteoblast-d21-GSM258739.CEL	36-GMP-GSM258866.CEL
96-Osteoblast-d21-GSM258740.CEL	35-GMP-GSM258866.CEL
97-10T12-GSM258631.CEL	34-MEP-GSM258854.CEL
98-10T12-GSM258632.CEL	33-MEP-GSM258854.CEL
99-3T3-L1_GSM258609.CEL	32-MEP-GSM258772.CEL
100-3T3-L1_GSM258610.CEL	31-MEP-GSM258771.CEL
101-NH3T3-GSM258729.CEL	30-HHSC-GSM258770.CEL
102-NH3T3-GSM258730.CEL	29-Bone marrow_GSM258627.CEL
103-C2C12-GSM258689.CEL	28-Paneth-cells-Gf-GSM116357.CEL
104-C2C12-GSM258690.CEL	27-Paneth-cells-Gf-GSM116357.CEL
105-Bruce4-GSM258655.CEL	26-Paneth-cells-GSM116350.CEL
106-Bruce4-GSM258656.CEL	25-Paneth-cells-GSM116350.CEL
107-MIMCD3_GSM258723.CEL	24-Paneth-cells-GSM116351.CEL
108-MIMCD3_GSM258723.CEL	23-Paneth-cells-GSM318589.CEL
109-mimb_GSM258725.CEL	22-Paneth-cells-GSM318590.CEL
110-mimb_GSM258726.CEL	21-Colon-Crypt_GSM480374.CEL
111-Astrocytes_GSM241898.CEL	20-Colon-Crypt_GSM480374.CEL
112-Neuro2a_GSM258727.CEL	19-Colon-VIII-GSM480362.CEL
113-Neuro2a_GSM258728.CEL	18-Colon-VIII-GSM480363.CEL
114-Spleen_GSM258766.CEL	17-Colon-EC-Gf_GSM349880.CEL
115-Spleen_GSM258767.CEL	16-Colon-EC-Gf_GSM349880.CEL
116-Lymph-nodes_GSM258691.CEL	15-Ileum-EC_GSM350375.CEL
117-Lymph-nodes_GSM258690.CEL	14-Ileum-EC_GSM350371.CEL
118-Intestine-small_GSM258677.CEL	13-Small-intestine-epithelium_RMINEP002001.CEL
119-Intestine-small_GSM258678.CEL	12-Small-intestine-epithelium_RMINEP001001.CEL
120-Intestine-large_GSM258675.CEL	11-FAE-RMP-EP002001.CEL
121-Intestine-large_GSM258676.CEL	10-FAE-RMP-EP001001.CEL
122-Colon-d4-GSM1988101.CEL	09-Ileum-EC_GSM190796.CEL
123-Colon-d4-GSM1988102.CEL	08-Ileum-EC_GSM190796.CEL
124-Colon-d9-GSM1988103.CEL	07-Ileum-EC_GSM190795.CEL
125-Colon-d9-GSM1988104.CEL	06-CT-V-M-cells_GSM190794.CEL
126-Colon-d9-GSM1988105.CEL	05-CT-V-M-cells_GSM190793.CEL
127-NALT_GSM289408.CEL	04-CT-V-M-cells_GSM190792.CEL
128-NALT_GSM289409.CEL	03-PP-M-cells_GSM190791.CEL
129-NALT_GSM289410.CEL	02-PP-M-cells_GSM190790.CEL
130-NALT_GSM289411.CEL	01-PP-M-cells_GSM190789.CEL



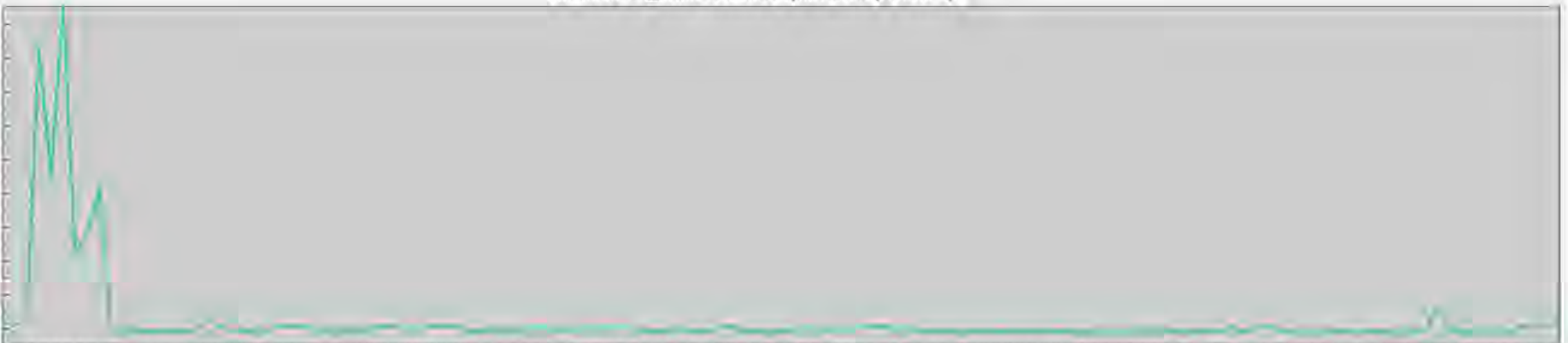
Cluster0241\_Uncertain-low in many (8 nodes)



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPyE\_P001001.CEL  
 11-FAE-RMPyE\_P002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116357.CEL  
 28-Paneth-cells-Gf-1\_GSM116357.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-MEP\_GSM258770.CEL  
 36-MEP\_GSM258770.CEL  
 37-MEP\_GSM258770.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-Gf\_GSM258713.CEL  
 43-Mast-cells-Gf\_GSM258713.CEL  
 44-Mast-cells-Gf+Ad\_GSM258718.CEL  
 45-Mast-cells-Gf+Ad\_GSM258718.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258650.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258699.CEL  
 57-BMM-LPS-6h\_GSM258699.CEL  
 58-PMM-LPS-7h\_GSM268702.CEL  
 59-PMM-LPS-7h\_GSM268702.CEL  
 60-PMM-LPS-7h\_GSM268706.CEL  
 61-PMM-LPS-7h\_GSM268706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258776.CEL  
 70-T-cells-CD8+\_GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258620.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258622.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-E-LY-RMLNDC002001.CEL  
 80-E-LY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258742.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258740.CEL  
 96-Osteoblast-d21\_GSM258740.CEL  
 97-10T12\_GSM258632.CEL  
 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258629.CEL  
 105-Bruce4\_GSM258690.CEL  
 106-Bruce4\_GSM258690.CEL  
 107-MIMCD3\_GSM258724.CEL  
 108-MIMCD3\_GSM258724.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258768.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258675.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198101.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198103.CEL  
 126-Colon-d9\_GSM198104.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



## Cluster0242\_Small intestine epithelium (8 nodes)



01-PP-M-cells_GSM190789	CEL
02-PP-M-cells_GSM190790	CEL
03-PP-M-cells_GSM190791	CEL
04-CT-Y-M-cells_GSM190792	CEL
05-CT-Y-M-cells_GSM190793	CEL
06-CT-W-M-cells_GSM190794	CEL
07-Ileum-IEC_GSM190795	CEL
08-Ileum-IEC_GSM190796	CEL
09-Ileum-IEC_GSM190797	CEL
10-FAE-RMPYEP001001	CEL
11-FAE-RMPYEP002001	CEL
12-Small-intestine-epithelium_RMINEP001001	CEL
13-Small-intestine-epithelium_RMINEP002001	CEL
14-Ileum-IEC_GSM350371	CEL
15-Ileum-IEC_GSM350375	CEL
16-Color-VIII_GSM480362	cel
18-Color-VIII_GSM480363	cel
19-Color-VIII_GSM480364	cel
20-Color-Crypt_GSM480374	cel
21-Color-Crypt_GSM480375	cel
22-Paneth-cells_GSM318589	CEL
23-Paneth-cells_GSM318590	CEL
24-Paneth-cells_GSM116359	CEL
25-Paneth-cells_GSM116359	CEL
26-Paneth-cells_GSM116357	CEL
27-Paneth-cells-GE-1-GSM116357	CEL
28-Bone-marrow_GSM258627	CEL
29-Bone-marrow_GSM258627	CEL
30-NALT_GSM289411	CELL
31-NALT_GSM289410	CELL
32-NALT_GSM289409	CELL
33-NALT_GSM289408	CELL
34-Color-d9_GSM198810	CELL
35-Color-d9_GSM198810	CELL
36-Color-d9_GSM198810	CELL
37-Color-d9_GSM198810	CELL
38-Color-d4_GSM198810	CELL
39-Color-d4_GSM198810	CELL
40-Intestine-large_GSM258675	CEL
41-Intestine-large_GSM258675	CEL
42-Intestine-small_GSM258677	CEL
43-Intestine-small_GSM258677	CEL
44-Spleen_GSM258678	CEL
45-Spleen_GSM258678	CEL
46-Neuro2a_GSM241898	CEL
47-Neuro2a_GSM241898	CEL
48-Astrocytes_GSM241898	CEL
49-mimb_GSM258725	CEL
50-mimb_GSM258725	CEL
51-MIMCD3_GSM258723	CEL
52-MIMCD3_GSM258723	CEL
53-Bruce4_GSM258690	CEL
54-Bruce4_GSM258690	CEL
55-C2C12_GSM258690	CEL
56-C2C12_GSM258690	CEL
57-NH3T3_GSM258730	CEL
58-NH3T3_GSM258730	CEL
59-3T3-L1_GSM258610	CEL
60-3T3-L1_GSM258610	CEL
61-10T12_GSM258631	CEL
62-10T12_GSM258631	CEL
63-Osteoblast-d21_GSM258740	CEL
64-Osteoblast-d21_GSM258739	CEL
65-Osteoblast-d14_GSM258738	CEL
66-Osteoblast-d14_GSM258737	CEL
67-Osteoblast-d5_GSM258742	CEL
68-Osteoblast-d5_GSM258741	CEL
69-Chondrocytes_GSM258674	CEL
70-Chondrocytes_GSM258674	CEL
71-Nat-Helper-cell_GSM465594	CEL
72-Nat-Helper-cell_GSM465593	CEL
73-LT-cell_GSM465596	CEL
74-MS-1_GSM234692	CEL
75-Lymph-endc-cells_GSM143704	CEL
76-Lymph-endc-cells_GSM143704	CEL
77-Lymph-endc-cells_GSM143704	CEL
78-Lymph-endc-cells_GSM143704	CEL
79-Follicular-B-cells_GSM258664	CEL
80-Follicular-B-cells_GSM258664	CEL
81-MZ-Bcell_GSM258627	CEL
82-MZ-Bcell_GSM258627	CEL
83-BAF3_GSM258620	CEL
84-BAF3_GSM258619	CEL
85-Tregs_GSM258778	CEL
86-Tregs_GSM258778	CEL
87-T-cells-CD8+GSM258776	CEL
88-T-cells-CD8+GSM258776	CEL
89-T-cells-CD8+GSM258774	CEL
90-T-cells-CD8+GSM258774	CEL
91-T-cells-CD4+GSM258773	CEL
92-T-cells-CD4+GSM258773	CEL
93-Thymocyte-DN_GSM465595	CEL
94-Thymocyte-DN_GSM465595	CEL
95-Osteoclasts_GSM258743	CEL
96-Osteoclasts_GSM258743	CEL
97-Microglia_GSM258721	CEL
98-Microglia_GSM258721	CEL
99-MM-LPS-7h_GSM258705	CEL
100-MM-LPS-7h_GSM258705	CEL
101-MM-LPS-6h_GSM258700	CEL
102-MM-LPS-6h_GSM258700	CEL
103-MM-LPS-6h_GSM258699	CEL
104-MM-LPS-6h_GSM258699	CEL
105-MM-LPS-6h_GSM258699	CEL
106-MM-LPS-6h_GSM258699	CEL
107-MM-LPS-6h_GSM258699	CEL
108-MM-LPS-6h_GSM258699	CEL
109-MM-LPS-6h_GSM258699	CEL
110-MM-LPS-6h_GSM258699	CEL
111-MM-LPS-6h_GSM258699	CEL
112-MM-LPS-6h_GSM258699	CEL
113-MM-LPS-6h_GSM258699	CEL
114-MM-LPS-6h_GSM258699	CEL
115-MM-LPS-6h_GSM258699	CEL
116-MM-LPS-6h_GSM258699	CEL
117-MM-LPS-6h_GSM258699	CEL
118-MM-LPS-6h_GSM258699	CEL
119-MM-LPS-6h_GSM258699	CEL
120-MM-LPS-6h_GSM258699	CEL
121-MM-LPS-6h_GSM258699	CEL
122-MM-LPS-6h_GSM258699	CEL
123-MM-LPS-6h_GSM258699	CEL
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144-MM-LPS-6h_GSM258699	CEL
145-MM-LPS-6h_GSM258699	CEL
146-MM-LPS-6h_GSM258699	CEL
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150-MM-LPS-6h_GSM258699	CEL
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154-MM-LPS-6h_GSM258699	CEL
155-MM-LPS-6h_GSM258699	CEL
156-MM-LPS-6h_GSM258699	CEL
157-MM-LPS-6h_GSM258699	CEL
158-MM-LPS-6h_GSM258699	CEL
159-MM-LPS-6h_GSM258699	CEL
160-MM-LPS-6h_GSM258699	CEL
161-MM-LPS-6h_GSM258699	CEL
162-MM-LPS-6h_GSM258699	CEL
163-MM-LPS-6h_GSM258699	CEL
164-MM-LPS-6h_GSM258699	CEL
165-MM-LPS-6h_GSM258699	CEL
166-MM-LPS-6h_GSM258699	CEL
167-MM-LPS-6h_GSM258699	CEL
168-MM-LPS-6h_GSM258699	CEL
169-MM-LPS-6h_GSM258699	CEL
170-MM-LPS-6h_GSM258699	CEL
171-MM-LPS-6h_GSM258699	CEL
172-MM-LPS-6h_GSM258699	CEL
173-MM-LPS-6h_GSM258699	CEL
174-MM-LPS-6h_GSM258699	CEL
175-MM-LPS-6h_GSM258699	CEL
176-MM-LPS-6h_GSM258699	CEL
177-MM-LPS-6h_GSM258699	CEL
178-MM-LPS-6h_GSM258699	CEL
179-MM-LPS-6h_GSM258699	CEL
180-MM-LPS-6h_GSM258699	CEL
181-MM-LPS-6h_GSM258699	CEL
182-MM-LPS-6h_GSM258699	CEL
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184-MM-LPS-6h_GSM258699	CEL
185-MM-LPS-6h_GSM258699	CEL
186-MM-LPS-6h_GSM258699	CEL
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189-MM-LPS-6h_GSM258699	CEL
190-MM-LPS-6h_GSM258699	CEL
191-MM-LPS-6h_GSM258699	CEL
192-MM-LPS-6h_GSM258699	CEL
193-MM-LPS-6h_GSM258699	CEL
194-MM-LPS-6h_GSM258699	CEL
195-MM-LPS-6h_GSM258699	CEL
196-MM-LPS-6h_GSM258699	CEL
197-MM-LPS-6h_GSM258699	CEL
198-MM-LPS-6h_GSM258699	CEL
199-MM-LPS-6h_GSM258699	CEL
200-MM-LPS-6h_GSM258699	CEL



Cluster0243\_Phagocyte-related (8 nodes)

3,400.8  
3,221.8  
3,042.8  
2,863.8  
2,684.8  
2,505.8  
2,326.8  
2,147.8  
1,968.9  
1,789.9  
1,610.9  
1,431.9  
1,252.9  
1,073.9  
894.9  
715.9  
537  
358  
179  
0



30- NALT GSM289411.CEL  
 128- NALT GSM289410.CEL  
 129- NALT GSM289409.CEL  
 127- NALT GSM289408.CEL  
 126- Colon-d9 GSM1988105.CEL  
 125- Colon-d9 GSM1988104.CEL  
 124- Colon-d9 GSM1988103.CEL  
 123- Colon-d4 GSM1988102.CEL  
 122- Colon-d4 GSM1988101.CEL  
 121- Intestine-large GSM258676.CEL  
 120- Intestine-large GSM258675.CEL  
 119- Intestine-small GSM258674.CEL  
 118- Intestine-small GSM258673.CEL  
 117- Lymph-nodes GSM258672.CEL  
 116- Spleen GSM258671.CEL  
 115- Spleen GSM258670.CEL  
 114- Neuro2a GSM258669.CEL  
 113- Neuro2a GSM258668.CEL  
 112- Astrocytes GSM241899.CEL  
 111- Astrocytes GSM241898.CEL  
 110- mimb GSM258726.CEL  
 109- mimb GSM258725.CEL  
 108- MIMCD3 GSM258724.CEL  
 107- MIMCD3 GSM258723.CEL  
 106- Bruce4 GSM258665.CEL  
 105- Bruce4 GSM258664.CEL  
 104- C2C12 GSM258663.CEL  
 103- C2C12 GSM258662.CEL  
 102- NIH3T3 GSM258739.CEL  
 101- NIH3T3 GSM258738.CEL  
 100- 3T3-L1 GSM258610.CEL  
 99- 3T3-L1 GSM258609.CEL  
 98- 10T1/2 GSM258632.CEL  
 97- 10T1/2 GSM258631.CEL  
 96- Osteoblast-d21 GSM258740.CEL  
 95- Osteoblast-d21 GSM258739.CEL  
 94- Osteoblast-d14 GSM258738.CEL  
 93- Osteoblast-d14 GSM258737.CEL  
 92- Osteoblast-d5 GSM258742.CEL  
 91- Osteoblast-d5 GSM258741.CEL  
 90- Chondrocytes GSM266741.CEL  
 89- Chondrocytes GSM266740.CEL  
 88- Nat Helper cell GSM465594.CEL  
 87- Nat Helper cell GSM465593.CEL  
 86- T cell GSM465596.CEL  
 85- MS-1 GSM234692.CEL  
 84- Lymph-endo-cells GSM143704.CEL  
 83- PFDc GSM481977.CEL  
 82- PFDc GSM481978.CEL  
 81- PFDc GSM481976.CEL  
 80- FLY RMLNDc003001.CEL  
 79- FLY RMLNDc003001.CEL  
 78- Follicular-Bcells GSM258664.CEL  
 77- Follicular-Bcells GSM258663.CEL  
 76- MZ-Bcell GSM258622.CEL  
 75- MZ-Bcell GSM258621.CEL  
 74- BAF3 GSM258620.CEL  
 73- BAF3 GSM258619.CEL  
 72- Tregs GSM258778.CEL  
 71- Tregs GSM258777.CEL  
 70- T-cells-CD8+ GSM258776.CEL  
 69- T-cells-CD8+ GSM258775.CEL  
 68- T-cells-CD4+ GSM258774.CEL  
 67- T-cells-CD4+ GSM258773.CEL  
 66- Thymocyte-DN GSM465595.CEL  
 65- Osteoclasts GSM258744.CEL  
 64- Microglia GSM258721.CEL  
 63- Microglia GSM258721.CEL  
 62- PMS-7h GSM258706.CEL  
 61- PMS-7h GSM258706.CEL  
 60- PMS-6h GSM258702.CEL  
 59- PMS-6h GSM258701.CEL  
 58- BMM-LPS-6h GSM258699.CEL  
 57- BMM-LPS-6h GSM258699.CEL  
 56- BMM-LPS-6h GSM258694.CEL  
 55- BMM-LPS-6h GSM258694.CEL  
 54- BMM-LPS-6h GSM258694.CEL  
 53- BMM-LPS-6h GSM258694.CEL  
 52- BMM-LPS-6h GSM258694.CEL  
 51- BMM-LPS-6h GSM258694.CEL  
 50- CD8a-DC GSM258647.CEL  
 49- CD8a-DC GSM258647.CEL  
 48- CD8a+DC GSM258646.CEL  
 47- NK-cells GSM258732.CEL  
 46- NK-cells GSM258731.CEL  
 45- Mast-cells-IgE+Ad GSM258719.CEL  
 44- Mast-cells-IgE+Ad GSM258718.CEL  
 43- Mast-cells-IgE GSM258714.CEL  
 42- Mast-cells-IgE GSM258713.CEL  
 41- Mast-cells GSM258712.CEL  
 40- Mast-cells GSM258712.CEL  
 39- Granulocytes GSM258667.CEL  
 38- Granulocytes GSM258667.CEL  
 37- GMP GSM258666.CEL  
 36- GMP GSM258666.CEL  
 35- GMP GSM258666.CEL  
 34- GMP GSM258666.CEL  
 33- MUEP GSM258672.CEL  
 32- MUEP GSM258672.CEL  
 31- HESC GSM258770.CEL  
 30- HESC GSM258770.CEL  
 29- Bone marrow GSM258628.CEL  
 28- Bone marrow GSM258627.CEL  
 27- Paneth-cells-GE GSM116357.CEL  
 26- Paneth-cells-GE GSM116357.CEL  
 25- Paneth-cells GSM116350.CEL  
 24- Paneth-cells GSM116359.CEL  
 23- Paneth-cells GSM318589.CEL  
 22- Paneth-cells GSM318590.CEL  
 21- Colon-Crypt GSM480375.CEL  
 20- Colon-Crypt GSM480374.CEL  
 19- Colon-Vill GSM480363.CEL  
 18- Colon-Vill GSM480362.CEL  
 17- Colon-IEC-GE GSM349880.CEL  
 16- Colon-IEC-GE GSM350375.CEL  
 15- Ileum-IEC-GE GSM350376.CEL  
 14- Ileum-IEC GSM350371.CEL  
 13- Small-intestine-epithelium RMINEP002901.CEL  
 12- Small-intestine-epithelium RMINEP001001.CEL  
 11- FAE-RMPYEP001001.CEL  
 10- FAE-RMPYEP001001.CEL  
 09- Ileum-IEC GSM190797.CEL  
 08- Ileum-IEC GSM190796.CEL  
 07- Ileum-IEC GSM190795.CEL  
 06- CT-v-M-cells GSM190794.CEL  
 05- CT-v-M-cells GSM190793.CEL  
 04- CT-y-M-cells GSM190792.CEL  
 03- PP-M-cells GSM190791.CEL  
 02- PP-M-cells GSM190790.CEL  
 01- PP-M-cells GSM190789.CEL



Cluster0244\_Uncertain-low in many (8 nodes)



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-y-M-cells\_GSM190792.CEL  
 05-CT-y-M-cells\_GSM190793.CEL  
 06-CT-w-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPyE001001.CEL  
 11-FAE-RMPyE002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-IEC-Gf\_GSM350375.CEL  
 18-Colon-Vill-GSM480362.CEL  
 19-Colon-Vill-GSM480363.CEL  
 20-Colon-Crypt-GSM480374.CEL  
 21-Colon-Crypt-GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1-GSM116357.CEL  
 27-Paneth-cells-Gf-1-GSM116357.CEL  
 28-Paneth-cells-Gf-1-GSM116357.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-MEP\_GSM258770.CEL  
 36-MEP\_GSM258770.CEL  
 37-MEP\_GSM258770.CEL  
 38-MEP\_GSM258770.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258771.CEL  
 41-Mast-cells\_GSM258771.CEL  
 42-Mast-cells-IdU-GSM258771.CEL  
 43-Mast-cells-IdU-GSM258771.CEL  
 44-Mast-cells-IdU+Ad-GSM258719.CEL  
 45-Mast-cells-IdU+Ad-GSM258719.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h-GSM258700.CEL  
 57-BMM-LPS-6h-GSM258700.CEL  
 58-BMM-LPS-7h-GSM258702.CEL  
 59-BMM-LPS-7h-GSM258702.CEL  
 60-BMM-LPS-7h-GSM258706.CEL  
 61-BMM-LPS-7h-GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD8+GSM258776.CEL  
 69-T-cells-CD8+GSM258776.CEL  
 70-T-cells-CD8+GSM258774.CEL  
 71-T-cells-CD8+GSM258774.CEL  
 72-Tregs\_GSM258778.CEL  
 73-Tregs\_GSM258778.CEL  
 74-BAF3\_GSM258620.CEL  
 75-BAF3\_GSM258620.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258653.CEL  
 78-Follicular-Bcells\_GSM258653.CEL  
 79-E-L-Y-RMLNDC002001.CEL  
 80-E-L-Y-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LT-cell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM258741.CEL  
 90-Chondrocytes\_GSM258741.CEL  
 91-Osteoblast-d5\_GSM258742.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258730.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258656.CEL  
 106-Bruce4\_GSM258656.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258767.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258675.CEL  
 122-Colon-d4-GSM198810.CEL  
 123-Colon-d4-GSM198810.CEL  
 124-Colon-d9-GSM198810.CEL  
 125-Colon-d9-GSM198810.CEL  
 126-NALT\_GSM289408.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0245\_Intestine-related (8 nodes)

2,969.3  
2,813  
2,656.7  
2,500.5  
2,344.2  
2,187.9  
2,031.6  
1,875.3  
1,719.1  
1,562.8  
1,406.5  
1,250.2  
1,094  
937.7  
781.4  
625.1  
468.8  
312.6  
156.3  
0

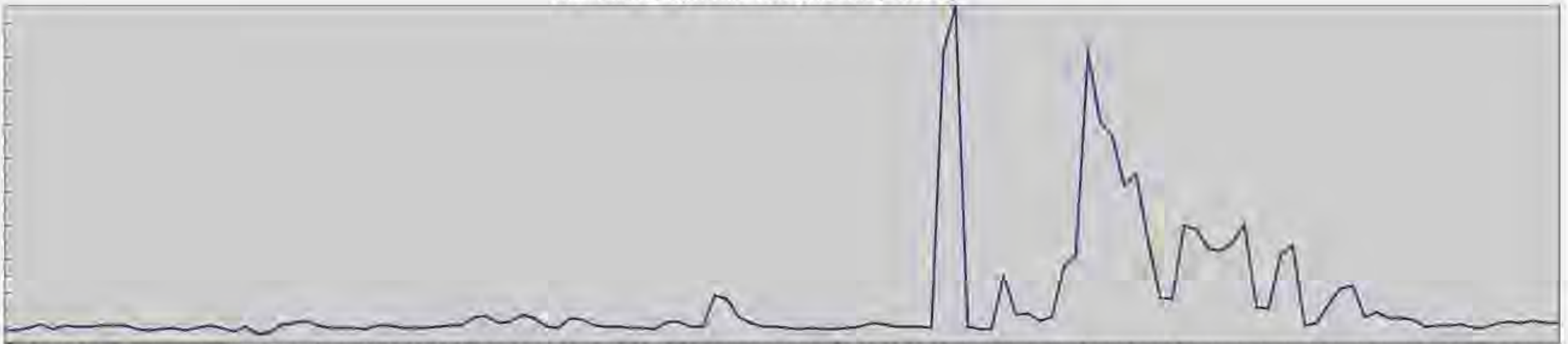


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258674.CEL  
118-Intestine-small GSM258673.CEL  
117-Lymph-nodes GSM258672.CEL  
116-Lymph-nodes GSM258671.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258664.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-D-F-L-Y RMLNDC003001.CEL  
79-F-L-Y RMLNDC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258744.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM268706.CEL  
60-PM-M-PS-7h GSM268705.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GF-1 GSM116357.CEL  
26-paneth-cells-GF-1 GSM116350.CEL  
25-paneth-cells GSM116359.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0246\_High in mesenchymal cells (8 nodes)

1,008.2  
955.1  
902  
849  
795.9  
742.9  
689.8  
636.7  
583.7  
530.6  
477.6  
424.5  
371.4  
318.4  
265.3  
212.2  
159.2  
106.1  
53.1  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-V-M-cells\_GSM190792.CEL  
05-CT-V-M-cells\_GSM190793.CEL  
06-CT-V-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-VIII\_GSM480362.CEL  
17-Colon-VIII\_GSM480363.CEL  
18-Colon-VIII\_GSM480364.CEL  
19-Colon-VIII\_GSM480365.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318589.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116350.CEL  
26-Paneth-cells-GE-1-GSM116357.CEL  
27-Paneth-cells-GE-1-GSM116358.CEL  
28-Paneth-cells-GE-1-GSM116359.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258771.CEL  
32-MEP\_GSM258772.CEL  
33-MEP\_GSM258773.CEL  
34-MEP\_GSM258774.CEL  
35-MEP\_GSM258775.CEL  
36-MEP\_GSM258776.CEL  
37-MEP\_GSM258777.CEL  
38-Granulocytes\_GSM258667.CEL  
39-Granulocytes\_GSM258668.CEL  
40-Mast-cells\_GSM258712.CEL  
41-Mast-cells\_GSM258713.CEL  
42-Mast-cells-IdU+Ad-GSM258714.CEL  
43-Mast-cells-IdU+Ad-GSM258715.CEL  
44-Mast-cells-IdU+Ad-GSM258716.CEL  
45-Mast-cells-IdU+Ad-GSM258717.CEL  
46-NK-cells\_GSM258732.CEL  
47-NK-cells\_GSM258733.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258647.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258648.CEL  
52-CD8a-DC\_GSM258649.CEL  
53-Plasmacytoid-DC\_GSM258650.CEL  
54-BMM-GSM258694.CEL  
55-BMM-GSM258694.CEL  
56-BMM-LPS-6h-GSM258700.CEL  
57-BMM-LPS-6h-GSM258701.CEL  
58-BMM-LPS-7h-GSM258702.CEL  
59-BMM-LPS-7h-GSM258703.CEL  
60-BMM-LPS-7h-GSM258704.CEL  
61-PP-7h-GSM258705.CEL  
62-Microglia\_GSM258721.CEL  
63-Microglia\_GSM258721.CEL  
64-Osteoclasts\_GSM258743.CEL  
65-Osteoclasts\_GSM258744.CEL  
66-Thymocyte-DN\_GSM465595.CEL  
67-T-cells-CD4+GSM258773.CEL  
68-T-cells-CD4+GSM258774.CEL  
69-T-cells-CD8+GSM258775.CEL  
70-T-cells-CD8+GSM258776.CEL  
71-Tregs\_GSM258777.CEL  
72-Tregs\_GSM258778.CEL  
73-BAF3\_GSM258619.CEL  
74-BAF3\_GSM258620.CEL  
75-MZ-Bcell\_GSM258621.CEL  
76-MZ-Bcell\_GSM258622.CEL  
77-Follicular-Bcells\_GSM258653.CEL  
78-Follicular-Bcells\_GSM258654.CEL  
79-E-L-Y-RMLNDC002001.CEL  
80-E-L-Y-RMLNDC003001.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481977.CEL  
83-PP-FDC\_GSM481978.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LT-cell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465594.CEL  
89-Chondrocytes\_GSM266741.CEL  
90-Chondrocytes\_GSM266740.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258742.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d14\_GSM258738.CEL  
95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258740.CEL  
97-10T1/2\_GSM258631.CEL  
98-10T1/2\_GSM258632.CEL  
99-3T3-L1\_GSM258609.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258729.CEL  
102-NH3T3\_GSM258730.CEL  
103-C2C12\_GSM258629.CEL  
104-C2C12\_GSM258630.CEL  
106-Brca4\_GSM258656.CEL  
107-MIMCD3\_GSM258656.CEL  
108-MIMCD3\_GSM258656.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258726.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Neuro2a\_GSM258728.CEL  
113-Neuro2a\_GSM258729.CEL  
114-Spleen\_GSM258767.CEL  
115-Spleen\_GSM258768.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258692.CEL  
118-Intestine-small\_GSM258677.CEL  
119-Intestine-small\_GSM258678.CEL  
120-Intestine-large\_GSM258675.CEL  
121-Intestine-large\_GSM258676.CEL  
122-Colon-d4\_GSM198810.CEL  
123-Colon-d4\_GSM198811.CEL  
124-Colon-d9\_GSM198810.CEL  
125-Colon-d9\_GSM198811.CEL  
126-Colon-d9\_GSM198812.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289409.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0247\_High in astrocytes (8 nodes)

2,891.9  
2,739.7  
2,587.5  
2,435.3  
2,283.1  
2,130.9  
1,978.7  
1,826.5  
1,674.3  
1,522.1  
1,369.9  
1,217.7  
1,065.4  
913.2  
761  
608.8  
456.6  
304.4  
152.2  
0



30-NALT GSM289411 CELL  
29-NALT GSM289410 CELL  
28-NALT GSM289409 CELL  
27-NALT GSM289408 CELL  
26-Color-d9 GSM1988105 CELL  
25-Color-d9 GSM1988103 CELL  
24-Color-d9 GSM1988102 CELL  
23-Color-d4 GSM1988101 CELL  
22-Color-d4 GSM1988100 CELL  
21-Intestine-large GSM258675 CELL  
20-Intestine-large GSM258673 CELL  
19-Intestine-small GSM258672 CELL  
18-Intestine-small GSM258671 CELL  
17-Lymph-nodes GSM258669 CELL  
16-Spleen GSM258667 CELL  
15-Spleen GSM258666 CELL  
14-Neuro2a GSM241898 CELL  
13-Astrocytes GSM241898 CELL  
12-mimb GSM258726 CELL  
11-mimb GSM258725 CELL  
10-mimb GSM258724 CELL  
09-MIMCD3 GSM258723 CELL  
08-MIMCD3 GSM258722 CELL  
07-Bruce4 GSM258695 CELL  
06-Bruce4 GSM258694 CELL  
05-C2C12 GSM258690 CELL  
04-C2C12 GSM258689 CELL  
03-NH3T3 GSM258739 CELL  
02-NH3T3 GSM258739 CELL  
01-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-LT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481976 CELL  
81-PP-FDC GSM481976 CELL  
80-F-LY RMLNDCC003001 CELL  
79-F-LY RMLNDCC003001 CELL  
78-Follicular-B-cells GSM258664 CELL  
77-Follicular-B-cells GSM258663 CELL  
76-MZ-Bcell GSM258622 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Ismacryoid-DC GSM258650 CELL  
52-Ismacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258667 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258664 CELL  
35-GMP GSM258642 CELL  
34-MEMP GSM258641 CELL  
33-MEMP GSM258720 CELL  
32-MEMP GSM258719 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM318590 CELL  
20-Colon-Crypt GSM480375 cel  
19-Colon-VIII GSM480363 cel  
18-Colon-VIII GSM480362 cel  
17-Colon-IEC-GE GSM349880 CELL  
16-Colon-IEC-GE GSM350375 CELL  
15-Ileum-IEC GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE RMPYEP002001 CELL  
10-FAE RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-w-M-cells GSM190794 CELL  
05-CT-w-M-cells GSM190793 CELL  
04-CT-y-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0248\_High in colon IEC (8 nodes)

4,052.8  
3,839.5  
3,626.2  
3,412.9  
3,199.6  
2,986.3  
2,773  
2,559.7  
2,346.4  
2,133  
1,919.7  
1,706.4  
1,493.1  
1,279.8  
1,066.5  
853.2  
639.9  
426.6  
213.3  
0

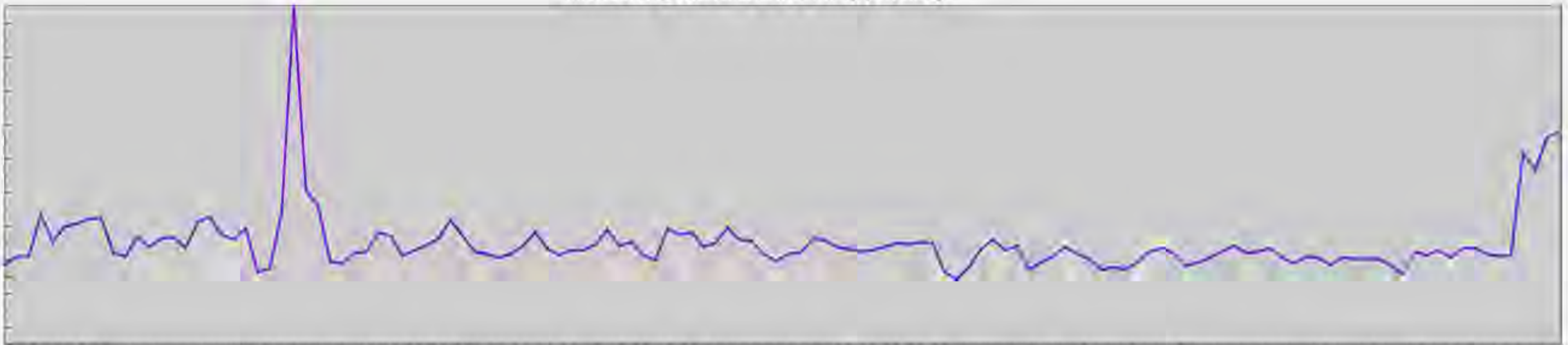


01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-y-M-cells	GSM190792	CEL
05	CT-y-M-cells	GSM190793	CEL
06	CT-w-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-VIII	GSM480365	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116359	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116357	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	HSC	GSM258770	CEL
31	HSC	GSM258770	CEL
32	MIEP	GSM258771	CEL
33	MIEP	GSM258771	CEL
34	MIEP	GSM258771	CEL
35	MIEP	GSM258771	CEL
36	GMP	GSM258665	CEL
37	GMP	GSM258665	CEL
38	GMP	GSM258665	CEL
39	Granulocytes	GSM258667	CEL
40	Mast-cells	GSM258712	CEL
41	Mast-cells	GSM258712	CEL
42	Mast-cells	GSM258713	CEL
43	Mast-cells	GSM258713	CEL
44	Mast-cells	GSM258714	CEL
45	Mast-cells	GSM258714	CEL
46	NK-cells	GSM258732	CEL
47	NK-cells	GSM258732	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258646	CEL
50	CD8a-DC	GSM258647	CEL
51	CD8a-DC	GSM258647	CEL
52	CD8a-DC	GSM258647	CEL
53	Iasmacryoid-DC	GSM258650	CEL
54	Iasmacryoid-DC	GSM258650	CEL
55	MM	GSM258694	CEL
56	MM	GSM258694	CEL
57	MM	GSM258700	CEL
58	MM	GSM258700	CEL
59	MM	GSM258702	CEL
60	MM	GSM258702	CEL
61	MM	GSM258706	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
64	Osteoclasts	GSM258743	CEL
65	Osteoclasts	GSM258743	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258773	CEL
69	T-cells-CD8+	GSM258775	CEL
70	T-cells-CD8+	GSM258775	CEL
71	Tregs	GSM258778	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258619	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258622	CEL
76	MZ-Bcell	GSM258622	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258664	CEL
79	E-L	RMLNDC002001	CEL
80	E-L	RMLNDC003001	CEL
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481978	CEL
83	PP-FDC	GSM481978	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	TI cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM258741	CEL
90	Chondrocytes	GSM258741	CEL
91	Osteoblast-d5	GSM258742	CEL
92	Osteoblast-d5	GSM258742	CEL
93	Osteoblast-d14	GSM258737	CEL
94	Osteoblast-d14	GSM258738	CEL
95	Osteoblast-d21	GSM258740	CEL
96	Osteoblast-d21	GSM258739	CEL
97	OT12	GSM258631	CEL
98	OT12	GSM258632	CEL
99	3T3-L1	GSM258609	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258630	CEL
105	Bruce4	GSM258656	CEL
106	Bruce4	GSM258656	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258723	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258725	CEL
111	Astrocytes	GSM241898	CEL
112	Neuro2a	GSM258728	CEL
113	Spleen	GSM258767	CEL
114	Spleen	GSM258767	CEL
115	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258691	CEL
117	Lymph-nodes	GSM258675	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-large	GSM258679	CEL
120	Intestine-large	GSM258679	CEL
121	Intestine-large	GSM258676	CEL
122	Colon-d4	GSM198810	CEL
123	Colon-d4	GSM198810	CEL
124	Colon-d9	GSM198810	CEL
125	Colon-d9	GSM198810	CEL
126	Colon-d9	GSM198810	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL



Cluster0249\_Uncertain-low in many (8 nodes)

137.1  
129.9  
122.7  
115.5  
108.2  
101  
93.8  
86.6  
79.4  
72.2  
64.9  
57.7  
50.5  
43.3  
36.1  
28.9  
21.6  
14.4  
7.2  
0

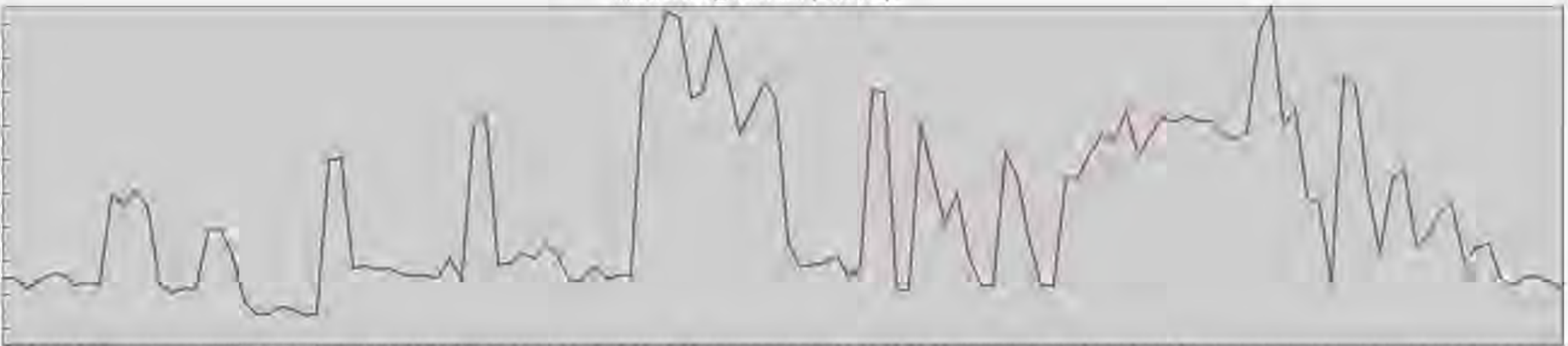


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988103.CEL  
124-Colon-d9 GSM1988102.CEL  
123-Colon-d4 GSM1988101.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-7h GSM258705.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258702.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258694.CEL  
54-Plasmacytoid-DC GSM258650.CEL  
53-Plasmacytoid-DC GSM258649.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a+DC GSM258646.CEL  
49-CD8a+DC GSM258646.CEL  
48-NK-cells GSM258732.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116357.CEL  
26-paneth-cells-GE GSM116350.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0250\_Uncertain (8 nodes)

344.2  
326.1  
308  
289.8  
271.7  
253.6  
235.5  
217.4  
199.3  
181.2  
163  
144.9  
126.8  
108.7  
90.6  
72.5  
54.3  
36.2  
18.1  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-V-M-cells\_GSM190792.CEL  
 05-CT-V-M-cells\_GSM190793.CEL  
 06-CT-V-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMP-EP001001.CEL  
 11-FAE-RMP-EP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-GF\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-GF-1-GSM116357.CEL  
 27-Paneth-cells-GF-1-GSM116357.CEL  
 28-Paneth-cells-GF-1-GSM116357.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-MEP\_GSM258770.CEL  
 36-MEP\_GSM258770.CEL  
 37-MEP\_GSM258770.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-GF\_GSM258713.CEL  
 43-Mast-cells-GF\_GSM258713.CEL  
 44-Mast-cells-GF+Ad-GSM258718.CEL  
 45-Mast-cells-GF+Ad-GSM258718.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258731.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258650.CEL  
 53-Plasmacytoid-DC\_GSM258650.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h-GSM258700.CEL  
 57-BMM-LPS-6h-GSM258700.CEL  
 58-BMM-LPS-7h-GSM258702.CEL  
 59-BMM-LPS-7h-GSM258702.CEL  
 60-Microglia\_GSM258721.CEL  
 61-Microglia\_GSM258721.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Osteoclasts\_GSM258743.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Thymocyte-DN\_GSM465595.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258773.CEL  
 69-T-cells-CD8+GSM258776.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258620.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258621.CEL  
 76-MZ-Bcell\_GSM258621.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-E-L-Y-RMLNDC002001.CEL  
 80-E-L-Y-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LT cell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM258741.CEL  
 90-Chondrocytes\_GSM258741.CEL  
 91-Osteoblast-d5\_GSM258742.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258740.CEL  
 96-Osteoblast-d21\_GSM258740.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258629.CEL  
 105-Bruce4\_GSM258690.CEL  
 106-Bruce4\_GSM258690.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Neuro2a\_GSM258728.CEL  
 116-Neuro2a\_GSM258728.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Lymph-nodes\_GSM258691.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-small\_GSM258677.CEL  
 121-Intestine-large\_GSM258676.CEL  
 122-Intestine-large\_GSM258676.CEL  
 123-Colon-d4\_GSM198810.CEL  
 124-Colon-d4\_GSM198810.CEL  
 125-Colon-d9\_GSM198810.CEL  
 126-Colon-d9\_GSM198810.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



## Cluster0251\_Uncertain (8 nodes)

2,948.8  
2,793.6  
2,638.4  
2,483.2  
2,328  
2,172.8  
2,017.6  
1,862.4  
1,707.2  
1,552  
1,396.8  
1,241.6  
1,086.4  
931.2  
776  
620.8  
465.6  
310.4  
155.2  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988104.CEL  
125-Colon-d9 GSM1988103.CEL  
124-Colon-d4 GSM1988102.CEL  
123-Colon-d4 GSM1988101.CEL  
122-Intestine-large GSM258676.CEL  
121-Intestine-large GSM258675.CEL  
120-Intestine-large GSM258678.CEL  
119-Intestine-small GSM258677.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258766.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258666.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-L-Y RMLNDCC003001.CEL  
79-L-Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258744.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7h GSM258702.CEL  
58-PM-M-PS-6h GSM258700.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258694.CEL  
55-BMM GSM258694.CEL  
54-BMM GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116357.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-w-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



## Cluster0252\_Uncertain-low in many (8 nodes)



130	NALT	GSM2899411	CEL
129	NALT	GSM2899410	CEL
128	NALT	GSM2899409	CEL
127	NALT	GSM2899408	CEL
126	Colon-d9	GSM1988105	CEL
125	Colon-d9	GSM1988104	CEL
124	Colon-d9	GSM1988103	CEL
123	Colon-d4	GSM1988102	CEL
122	Colon-d4	GSM1988101	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258678	CEL
118	Intestine-small	GSM258679	CEL
117	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258676	CEL
115	Spleen	GSM258767	CEL
114	Spleen	GSM258768	CEL
113	Neuro2a	GSM258728	CEL
112	Neuro2a	GSM258729	CEL
111	Astrocytes	GSM2418998	CEL
110	ming	GSM258726	CEL
109	ming	GSM258725	CEL
108	MIMCD3	GSM258724	CEL
107	MIMCD3	GSM258723	CEL
106	Bruce4	GSM258656	CEL
105	Bruce4	GSM258655	CEL
104	C2C12	GSM258690	CEL
103	C2C12	GSM258689	CEL
102	NH3T3	GSM258730	CEL
101	NH3T3	GSM258729	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T12	GSM258632	CEL
97	10T12	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	PP-FDC	GSM481975	CEL
79	E-LY	RMLNDC002001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258627	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	Tregs	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD8+	GSM258775	CEL
68	T-cells-CD4+	GSM258774	CEL
67	T-cells-CD4+	GSM258773	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258743	CEL
64	Osteoclasts	GSM258744	CEL
63	Microglia	GSM258721	CEL
62	Microglia	GSM258721	CEL
61	PM-M-PS-7h	GSM258706	CEL
60	PM-M-PS-7h	GSM258705	CEL
59	PM-M-PS-6h	GSM258702	CEL
58	PM-M-PS-6h	GSM258701	CEL
57	PM-M-PS-6h	GSM258699	CEL
56	PM-M-PS-6h	GSM258694	CEL
55	PM-M-PS-6h	GSM258694	CEL
54	PM-M-PS-6h	GSM258694	CEL
53	PM-M-PS-6h	GSM258694	CEL
52	PM-M-PS-6h	GSM258694	CEL
51	PM-M-PS-6h	GSM258694	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258646	CEL
48	CD8a+DC	GSM258646	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258718	CEL
44	Mast-cells-IgE+Ad	GSM258717	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Mast-cells	GSM258711	CEL
39	Granulocytes	GSM258668	CEL
38	Granulocytes	GSM258667	CEL
37	GMP	GSM258666	CEL
36	GMP	GSM258665	CEL
35	GMP	GSM258664	CEL
34	GMP	GSM258664	CEL
33	GMP	GSM258672	CEL
32	MEP	GSM258720	CEL
31	MEP	GSM258719	CEL
30	HSC	GSM258770	CEL
29	HSC	GSM258770	CEL
28	Bone marrow	GSM258628	CEL
27	Bone marrow	GSM258627	CEL
26	paneth-cells-GF-1	GSM116357	CEL
25	paneth-cells	GSM116350	CEL
24	paneth-cells	GSM116359	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-GF	GSM349880	CEL
16	Colon-IEC-GF	GSM350375	CEL
15	ileum-IEC	GSM350376	CEL
14	ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE-RMP	EP002001	CEL
10	FAE-RMP	EP001001	CEL
09	ileum-IEC	GSM190797	CEL
08	ileum-IEC	GSM190796	CEL
07	ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	PP-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0253\_intestine-related (8 nodes)

2,714.4  
2,571.6  
2,428.7  
2,285.8  
2,143  
2,000.1  
1,857.2  
1,714.4  
1,571.5  
1,428.6  
1,285.8  
1,142.9  
1,000.1  
857.2  
714.3  
571.5  
428.6  
285.7  
142.9  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Colon-d9 GSM1988105 CELL  
125-Colon-d9 GSM1988104 CELL  
124-Colon-d9 GSM1988103 CELL  
123-Colon-d4 GSM1988102 CELL  
122-Colon-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Lymph-nodes GSM258671 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258766 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-mim6 GSM258726 CELL  
109-mim6 GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258739 CELL  
101-NH3T3 GSM258738 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481978 CELL  
81-PP-FDC GSM481976 CELL  
80-F-LY RMLNDCC003001 CELL  
79-F-LY RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-PM-M-PS-7h GSM268706 CELL  
60-PM-M-PS-7h GSM268705 CELL  
59-PM-M-PS-6h GSM258702 CELL  
58-PM-M-PS-6h GSM258701 CELL  
57-BMM-LPS-6h GSM258699 CELL  
56-BMM-LPS-6h GSM258699 CELL  
55-BMM-LPS-6h GSM258699 CELL  
54-BMM-LPS-6h GSM258699 CELL  
53-Iasmacryoid-DC GSM258650 CELL  
52-Iasmacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258647 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258718 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258667 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258666 CELL  
35-CMP GSM258642 CELL  
34-CMP GSM258641 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GF GSM116358 CELL  
26-paneth-cells-GF GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-Colon-Crypt GSM480375 cel  
20-Colon-Crypt GSM480374 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-GF GSM349880 CELL  
16-Colon-IEC-GF GSM350375 CELL  
15-Ileum-IEC-GF GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002001 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-CT-v-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



## Cluster0254\_Uncertain-low in many (8 nodes)



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-v-M-cells	GSM190792	CEL
05	CT-v-M-cells	GSM190793	CEL
06	CT-v-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-Vill	GSM480362	cel
17	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	HSC	GSM258770	CEL
31	HSC	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	GMP	GSM258642	CEL
36	GMP	GSM258643	CEL
37	GMP	GSM258665	CEL
38	GMP	GSM258666	CEL
39	Granulocytes	GSM258667	CEL
40	Mast-cells	GSM258711	CEL
41	Mast-cells	GSM258712	CEL
42	Mast-cells	GSM258713	CEL
43	Mast-cells	GSM258714	CEL
44	Mast-cells-IgE+Ad	GSM258718	CEL
45	Mast-cells-IgE+Ad	GSM258719	CEL
46	NK-cells	GSM258731	CEL
47	NK-cells	GSM258732	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a-DC	GSM258647	CEL
51	CD8a-DC	GSM258648	CEL
52	Plasmacytoid-DC	GSM258649	CEL
53	Iasmacytoid-DC	GSM258650	CEL
54	BMM	GSM258694	CEL
55	BMM	GSM258694	CEL
56	BMM-LPS-6h	GSM258700	CEL
57	BMM-LPS-6h	GSM258701	CEL
58	BMM-LPS-7h	GSM258702	CEL
59	BMM-LPS-7h	GSM258703	CEL
60	BMM-LPS-7h	GSM258706	CEL
61	BMM-LPS-7h	GSM258706	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
64	Osteoclasts	GSM258743	CEL
65	Osteoclasts	GSM258744	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258774	CEL
69	T-cells-CD8+	GSM258775	CEL
70	T-cells-CD8+	GSM258776	CEL
71	Tregs	GSM258778	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258619	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258621	CEL
76	MZ-Bcell	GSM258622	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258664	CEL
79	F-LY-RMLNDC002001	CEL	
80	F-LY-RMLNDC003001	CEL	
81	PP-FDC	GSM481978	CEL
82	PP-FDC	GSM481978	CEL
83	PP-FDC	GSM481978	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	LT cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM266741	CEL
90	Chondrocytes	GSM266741	CEL
91	Osteoblast-d5	GSM258741	CEL
92	Osteoblast-d5	GSM258742	CEL
93	Osteoblast-d14	GSM258737	CEL
94	Osteoblast-d14	GSM258738	CEL
95	Osteoblast-d21	GSM258740	CEL
96	Osteoblast-d21	GSM258739	CEL
97	10T1/2	GSM258631	CEL
98	10T1/2	GSM258631	CEL
99	3T3-L1	GSM258610	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	Bruce4	GSM258690	CEL
105	Bruce4	GSM258690	CEL
110	mim6	GSM258725	CEL
109	mim6	GSM258725	CEL
108	MIMCD3	GSM258723	CEL
107	MIMCD3	GSM258723	CEL
111	Lymph-nodes	GSM258691	CEL
110	Lymph-nodes	GSM258691	CEL
115	Spleen	GSM258768	CEL
114	Spleen	GSM258767	CEL
113	Neuro2a	GSM258728	CEL
112	Neuro2a	GSM258727	CEL
117	Lymph-nodes	GSM258675	CEL
116	Lymph-nodes	GSM258675	CEL
119	Intestine-small	GSM258677	CEL
118	Intestine-small	GSM258677	CEL
120	Intestine-large	GSM258679	CEL
121	Intestine-large	GSM258676	CEL
122	Colon-d4	GSM198101	CEL
123	Colon-d4	GSM198102	CEL
124	Colon-d9	GSM198103	CEL
125	Colon-d9	GSM198104	CEL
126	Colon-d9	GSM198105	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL







Cluster0256\_Mesenchyme-related/extracellular matrix (8 nodes)

2,544.4  
2,410.6  
2,276.6  
2,142.7  
2,008.8  
1,874.8  
1,740.9  
1,607  
1,473.1  
1,339.2  
1,205.3  
1,071.3  
937.4  
803.5  
669.6  
535.7  
401.8  
267.8  
133.9  
0

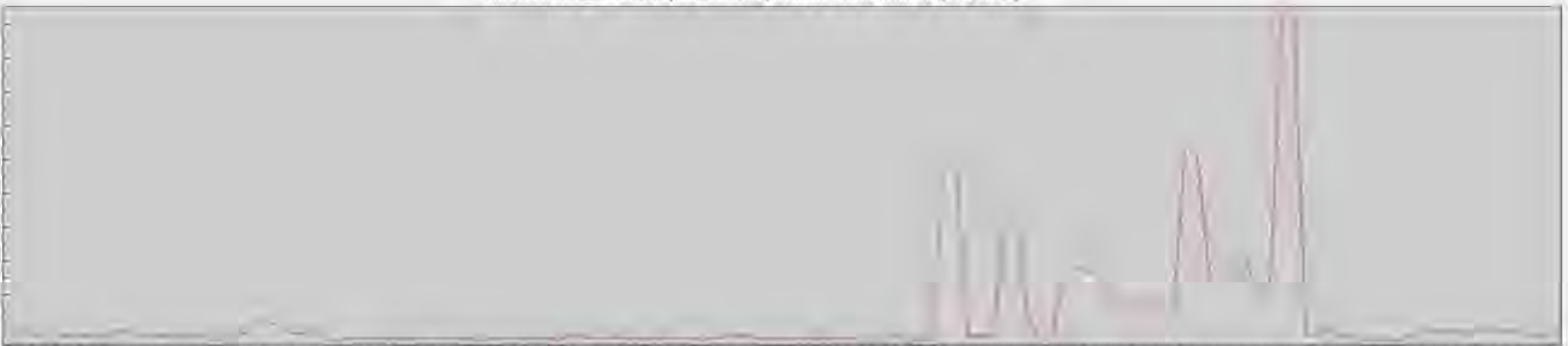


01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-V-M-cells\_GSM190792.CEL  
05-CT-V-M-cells\_GSM190793.CEL  
06-CT-V-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM349880.CEL  
17-Colon-IEC-Gf\_GSM350375.CEL  
18-Colon-Vill\_GSM480362.CEL  
19-Colon-Vill\_GSM480363.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318589.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116359.CEL  
26-Paneth-cells-Gf-1\_GSM116357.CEL  
27-Paneth-cells-Gf-1\_GSM116357.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258627.CEL  
30-NALT\_GSM289411.CEL  
31-NALT\_GSM289410.CEL  
32-NALT\_GSM289409.CEL  
33-NALT\_GSM289408.CEL  
34-Colon-d9\_GSM1988105.CEL  
35-Colon-d9\_GSM1988104.CEL  
36-Colon-d9\_GSM1988103.CEL  
37-Colon-d4\_GSM1988102.CEL  
38-Colon-d4\_GSM1988101.CEL  
39-Intestine-large\_GSM258676.CEL  
40-Intestine-large\_GSM258675.CEL  
41-Intestine-small\_GSM258678.CEL  
42-Intestine-small\_GSM258677.CEL  
43-Spleen\_GSM258728.CEL  
44-Spleen\_GSM258728.CEL  
45-Neuro2a\_GSM241898.CEL  
46-Neuro2a\_GSM241898.CEL  
47-Astrocytes\_GSM241898.CEL  
48-mim6\_GSM258726.CEL  
49-mim6\_GSM258725.CEL  
50-mim6\_GSM258725.CEL  
51-MIMCD3\_GSM258724.CEL  
52-MIMCD3\_GSM258723.CEL  
53-Bruce4\_GSM258656.CEL  
54-Bruce4\_GSM258656.CEL  
55-C2C12\_GSM258690.CEL  
56-C2C12\_GSM258689.CEL  
57-NH3T3\_GSM258730.CEL  
58-NH3T3\_GSM258729.CEL  
59-3T3-L1\_GSM258610.CEL  
60-3T3-L1\_GSM258609.CEL  
61-3T3-L1\_GSM258609.CEL  
62-10T12\_GSM258632.CEL  
63-10T12\_GSM258631.CEL  
64-Osteoblast-d21\_GSM258740.CEL  
65-Osteoblast-d21\_GSM258739.CEL  
66-Osteoblast-d14\_GSM258738.CEL  
67-Osteoblast-d14\_GSM258737.CEL  
68-Osteoblast-d5\_GSM258742.CEL  
69-Osteoblast-d5\_GSM258741.CEL  
70-Chondrocytes\_GSM266741.CEL  
71-Chondrocytes\_GSM266740.CEL  
72-Nat Helper cell\_GSM465594.CEL  
73-Nat Helper cell\_GSM465593.CEL  
74-TT cell\_GSM465596.CEL  
75-MS-1\_GSM234692.CEL  
76-Lymph-endo-cells\_GSM143704.CEL  
77-Lymph-endo-cells\_GSM481977.CEL  
78-Lymph-endo-cells\_GSM481978.CEL  
79-Lymph-endo-cells\_GSM481978.CEL  
80-Lymph-endo-cells\_GSM481978.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481976.CEL  
83-F-LY-RMLNDC002001.CEL  
84-F-LY-RMLNDC002001.CEL  
85-Follicular-Bcells\_GSM258664.CEL  
86-Follicular-Bcells\_GSM258663.CEL  
87-MZ-Bcell\_GSM258622.CEL  
88-MZ-Bcell\_GSM258621.CEL  
89-BAF3\_GSM258620.CEL  
90-BAF3\_GSM258619.CEL  
91-Tregs\_GSM258778.CEL  
92-Tregs\_GSM258777.CEL  
93-T-cells-CD8+GSM258776.CEL  
94-T-cells-CD8+GSM258775.CEL  
95-T-cells-CD4+GSM258774.CEL  
96-T-cells-CD4+GSM258773.CEL  
97-Thymocyte-DN\_GSM465595.CEL  
98-Osteoclasts\_GSM258743.CEL  
99-Microglia\_GSM258721.CEL  
100-Microglia\_GSM258721.CEL  
101-MM-LPS-7h\_GSM258706.CEL  
102-MM-LPS-7h\_GSM258706.CEL  
103-MM-LPS-6h\_GSM258702.CEL  
104-MM-LPS-6h\_GSM258702.CEL  
105-MM-LPS-6h\_GSM258699.CEL  
106-MM-LPS-6h\_GSM258699.CEL  
107-MM-LPS-6h\_GSM258699.CEL  
108-MM-LPS-6h\_GSM258699.CEL  
109-MM-LPS-6h\_GSM258699.CEL  
110-MM-LPS-6h\_GSM258699.CEL  
111-MM-LPS-6h\_GSM258699.CEL  
112-MM-LPS-6h\_GSM258699.CEL  
113-MM-LPS-6h\_GSM258699.CEL  
114-MM-LPS-6h\_GSM258699.CEL  
115-MM-LPS-6h\_GSM258699.CEL  
116-MM-LPS-6h\_GSM258699.CEL  
117-MM-LPS-6h\_GSM258699.CEL  
118-MM-LPS-6h\_GSM258699.CEL  
119-MM-LPS-6h\_GSM258699.CEL  
120-MM-LPS-6h\_GSM258699.CEL  
121-MM-LPS-6h\_GSM258699.CEL  
122-MM-LPS-6h\_GSM258699.CEL  
123-MM-LPS-6h\_GSM258699.CEL  
124-MM-LPS-6h\_GSM258699.CEL  
125-MM-LPS-6h\_GSM258699.CEL  
126-MM-LPS-6h\_GSM258699.CEL  
127-MM-LPS-6h\_GSM258699.CEL  
128-MM-LPS-6h\_GSM258699.CEL  
129-MM-LPS-6h\_GSM258699.CEL  
130-MM-LPS-6h\_GSM258699.CEL



Cluster0257\_Mesenchyme-related/extracellular matrix (8 nodes)

1,243.3  
1,177.9  
1,112.5  
1,047  
981.6  
916.1  
850.7  
785.3  
719.8  
654.4  
588.9  
523.5  
458.1  
392.6  
327.2  
261.8  
196.3  
130.9  
65.4  
0



Cell Type	GSM ID	Expression Value
30-NALT	GSM2899411	CEL
139-NALT	GSM2899410	CEL
138-NALT	GSM2899409	CEL
137-NALT	GSM2899408	CEL
136-Color-d9	GSM1988104	CEL
135-Color-d9	GSM1988103	CEL
134-Color-d4	GSM1988102	CEL
133-Color-d4	GSM1988101	CEL
132-Intestine-large	GSM258676	CEL
131-Intestine-large	GSM258675	CEL
130-Intestine-large	GSM258674	CEL
129-Intestine-small	GSM258673	CEL
128-Intestine-small	GSM258672	CEL
127-Lymph-nodes	GSM258671	CEL
126-Spleen	GSM258670	CEL
125-Spleen	GSM258669	CEL
124-Neuro2a	GSM2418998	CEL
123-Neuro2a	GSM2418997	CEL
122-Astrocytes	GSM2418996	CEL
121-Astrocytes	GSM2418995	CEL
120-mimb	GSM258726	CEL
119-mimb	GSM258725	CEL
118-MIMCD3	GSM258724	CEL
117-MIMCD3	GSM258723	CEL
116-Bruc4	GSM258690	CEL
115-Bruc4	GSM258689	CEL
114-C2C12	GSM258688	CEL
113-C2C12	GSM258687	CEL
112-NH3T3	GSM258730	CEL
111-NH3T3	GSM258729	CEL
110-3T3-L1	GSM258610	CEL
109-3T3-L1	GSM258609	CEL
108-10T1/2	GSM258632	CEL
107-10T1/2	GSM258631	CEL
99-Osteoblast-d21	GSM258740	CEL
98-Osteoblast-d21	GSM258739	CEL
97-Osteoblast-d14	GSM258738	CEL
96-Osteoblast-d14	GSM258737	CEL
95-Osteoblast-d5	GSM258742	CEL
94-Osteoblast-d5	GSM258741	CEL
93-Chondrocytes	GSM2586741	CEL
92-Chondrocytes	GSM2586740	CEL
91-Nat Helper cell	GSM465594	CEL
90-Nat Helper cell	GSM465593	CEL
89-LT cell	GSM465596	CEL
88-LT cell	GSM465595	CEL
87-MS-1	GSM234692	CEL
86-Lymph-endo-cells	GSM143704	CEL
85-Lymph-endo-cells	GSM481977	CEL
84-Lymph-endo-cells	GSM481978	CEL
83-Lymph-endo-cells	GSM481979	CEL
82-Lymph-endo-cells	GSM481976	CEL
81-Lymph-endo-cells	GSM481977	CEL
80-Lymph-endo-cells	GSM481978	CEL
79-Lymph-endo-cells	GSM481979	CEL
78-Follicular-Bcells	GSM258664	CEL
77-Follicular-Bcells	GSM258663	CEL
76-MZ-Bcell	GSM258622	CEL
75-MZ-Bcell	GSM258621	CEL
74-BAF3	GSM258620	CEL
73-BAF3	GSM258619	CEL
72-Tregs	GSM258778	CEL
71-Tregs	GSM258777	CEL
70-T-cells-CD8+	GSM258776	CEL
69-T-cells-CD8+	GSM258775	CEL
68-T-cells-CD4+	GSM258774	CEL
67-T-cells-CD4+	GSM258773	CEL
66-Thymocyte-DN	GSM465595	CEL
65-Osteoclasts	GSM258743	CEL
64-Osteoclasts	GSM258744	CEL
63-Microglia	GSM258721	CEL
62-Microglia	GSM258721	CEL
61-MM-LPS-7h	GSM258706	CEL
60-MM-LPS-7h	GSM258706	CEL
59-MM-LPS-6h	GSM258702	CEL
58-MM-LPS-6h	GSM258701	CEL
57-MM-LPS-6h	GSM258699	CEL
56-MM-LPS-6h	GSM258699	CEL
55-MM-LPS-6h	GSM258694	CEL
54-MM-LPS-6h	GSM258694	CEL
53-Plasmacytoid-DC	GSM258650	CEL
52-Plasmacytoid-DC	GSM258649	CEL
51-CD8a-DC	GSM258647	CEL
50-CD8a-DC	GSM258647	CEL
49-CD8a+DC	GSM258646	CEL
48-CD8a+DC	GSM258646	CEL
47-NK-cells	GSM258732	CEL
46-NK-cells	GSM258731	CEL
45-Mast-cells-IgE+Ad	GSM258719	CEL
44-Mast-cells-IgE+Ad	GSM258717	CEL
43-Mast-cells-IgE	GSM258714	CEL
42-Mast-cells-IgE	GSM258713	CEL
41-Mast-cells	GSM258712	CEL
40-Granulocytes	GSM258667	CEL
39-Granulocytes	GSM258667	CEL
38-GMP	GSM258666	CEL
37-GMP	GSM258666	CEL
36-GMP	GSM258664	CEL
35-GMP	GSM258664	CEL
34-MEP	GSM258720	CEL
33-MEP	GSM258719	CEL
32-MEP	GSM258719	CEL
31-HSC	GSM258770	CEL
30-HSC	GSM258770	CEL
29-Bone marrow	GSM258628	CEL
28-Bone marrow	GSM258627	CEL
27-paneth-cells-GF	GSM116357	CEL
26-paneth-cells-GF	GSM116357	CEL
25-paneth-cells	GSM116350	CEL
24-paneth-cells	GSM116359	CEL
23-paneth-cells	GSM318589	CEL
22-paneth-cells	GSM318590	CEL
21-paneth-cells	GSM480375	CEL
20-paneth-cells	GSM480374	CEL
19-paneth-cells	GSM480363	CEL
18-paneth-cells	GSM480362	CEL
17-paneth-cells	GSM349880	CEL
16-paneth-cells	GSM350375	CEL
15-paneth-cells	GSM350376	CEL
14-paneth-cells	GSM350371	CEL
13-paneth-cells	GSM350371	CEL
12-paneth-cells	GSM350371	CEL
11-paneth-cells	GSM350371	CEL
10-paneth-cells	GSM350371	CEL
9-paneth-cells	GSM350371	CEL
8-paneth-cells	GSM350371	CEL
7-paneth-cells	GSM350371	CEL
6-paneth-cells	GSM350371	CEL
5-paneth-cells	GSM350371	CEL
4-paneth-cells	GSM350371	CEL
3-paneth-cells	GSM350371	CEL
2-paneth-cells	GSM350371	CEL
1-paneth-cells	GSM350371	CEL
0-paneth-cells	GSM350371	CEL







Cluster0259\_High in classical DC (8 nodes)

1,917.8  
1,818.9  
1,715.9  
1,615  
1,514.1  
1,413.1  
1,312.2  
1,211.2  
1,110.3  
1,009.4  
908.4  
807.5  
706.6  
605.6  
504.7  
403.7  
302.8  
201.9  
100.9  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-V-M-cells\_GSM190792.CEL  
05-CT-V-M-cells\_GSM190793.CEL  
06-CT-V-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM349880.CEL  
17-Colon-IEC-Gf\_GSM350375.CEL  
18-Colon-Vill-GSM480362.CEL  
19-Colon-Vill-GSM480363.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318589.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116350.CEL  
26-Paneth-cells-Gf-1-GSM116357.CEL  
27-Paneth-cells-Gf-1-GSM116358.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258770.CEL  
32-MEP-GSM258720.CEL  
33-MEP-GSM258720.CEL  
34-MEP-GSM258854.CEL  
35-MEP-GSM258854.CEL  
36-GMP-GSM258866.CEL  
37-GMP-GSM258866.CEL  
38-GMP-GSM258866.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Mast-cells\_GSM258712.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-IdU-GSM258714.CEL  
43-Mast-cells-IdU-GSM258714.CEL  
44-Mast-cells-IdU+Ad-GSM258719.CEL  
45-Mast-cells-IdU+Ad-GSM258731.CEL  
46-NK-cells\_GSM258732.CEL  
47-NK-cells\_GSM258732.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
52-Plasmacytoid-DC\_GSM258650.CEL  
53-Plasmacytoid-DC\_GSM258649.CEL  
54-BM-LPS-6h-GSM258694.CEL  
55-BM-LPS-6h-GSM258694.CEL  
56-BM-LPS-6h-GSM258700.CEL  
57-BM-LPS-6h-GSM258700.CEL  
58-PM-LPS-7h-GSM258705.CEL  
59-PM-LPS-7h-GSM258705.CEL  
60-Microglia\_GSM258721.CEL  
61-Microglia\_GSM258721.CEL  
62-Osteoclasts\_GSM258743.CEL  
63-Osteoclasts\_GSM258743.CEL  
64-Thymocyte-DN\_GSM465595.CEL  
65-Thymocyte-DN\_GSM465595.CEL  
66-T-cells-CD4+GSM258773.CEL  
67-T-cells-CD4+GSM258773.CEL  
68-T-cells-CD8+GSM258775.CEL  
69-T-cells-CD8+GSM258775.CEL  
70-Tregs\_GSM258777.CEL  
71-Tregs\_GSM258777.CEL  
72-Tregs\_GSM258778.CEL  
73-Tregs\_GSM258778.CEL  
74-BAF3\_GSM258620.CEL  
75-BAF3\_GSM258620.CEL  
76-MZ-Bcell\_GSM258621.CEL  
77-MZ-Bcell\_GSM258621.CEL  
78-Follicular-Bcells\_GSM258664.CEL  
79-Follicular-Bcells\_GSM258664.CEL  
80-LY-RMLNDC002001.CEL  
81-LY-RMLNDC003001.CEL  
82-PP-FDC\_GSM481978.CEL  
83-PP-FDC\_GSM481978.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LTcell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465593.CEL  
89-Chondrocytes\_GSM266741.CEL  
90-Chondrocytes\_GSM266741.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258741.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d14\_GSM258737.CEL  
95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258739.CEL  
97-10T1/2-GSM258631.CEL  
98-10T1/2-GSM258631.CEL  
99-3T3-L1\_GSM258610.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3-GSM258729.CEL  
102-NH3T3-GSM258729.CEL  
103-C2C12\_GSM258829.CEL  
104-C2C12\_GSM258829.CEL  
105-Bruce4-GSM258869.CEL  
106-Bruce4-GSM258869.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258768.CEL  
114-Spleen\_GSM258768.CEL  
115-Neuro2a\_GSM258728.CEL  
116-Neuro2a\_GSM258728.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Lymph-nodes\_GSM258691.CEL  
119-Intestine-small\_GSM258677.CEL  
120-Intestine-large\_GSM258677.CEL  
121-Intestine-large\_GSM258676.CEL  
122-Intestine-large\_GSM258676.CEL  
123-Colon-d4-GSM198810.CEL  
124-Colon-d4-GSM198810.CEL  
125-Colon-d9-GSM198810.CEL  
126-Colon-d9-GSM198810.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289409.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0260\_Uncertain-low in many (8 nodes)

167.2  
158.4  
149.6  
140.8  
132  
123.2  
114.4  
105.6  
96.8  
88  
79.2  
70.4  
61.6  
52.8  
44  
35.2  
26.4  
17.6  
8.8  
0

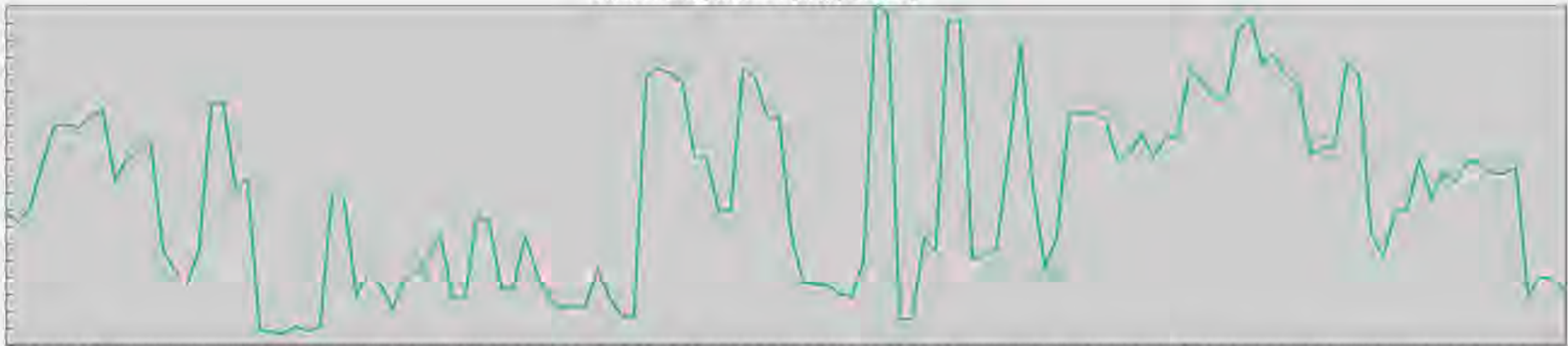


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-paneth-cells GSM1988105.CEL  
125-paneth-cells GSM1988104.CEL  
124-paneth-cells GSM1988103.CEL  
123-paneth-cells GSM1988102.CEL  
122-paneth-cells GSM1988101.CEL  
121-paneth-cells GSM1988100.CEL  
120-paneth-cells GSM1988099.CEL  
119-paneth-cells GSM1988098.CEL  
118-paneth-cells GSM1988097.CEL  
117-paneth-cells GSM1988096.CEL  
116-paneth-cells GSM1988095.CEL  
115-paneth-cells GSM1988094.CEL  
114-paneth-cells GSM1988093.CEL  
113-paneth-cells GSM1988092.CEL  
112-paneth-cells GSM1988091.CEL  
111-paneth-cells GSM1988090.CEL  
110-paneth-cells GSM1988089.CEL  
109-paneth-cells GSM1988088.CEL  
108-paneth-cells GSM1988087.CEL  
107-paneth-cells GSM1988086.CEL  
106-paneth-cells GSM1988085.CEL  
105-paneth-cells GSM1988084.CEL  
104-paneth-cells GSM1988083.CEL  
103-paneth-cells GSM1988082.CEL  
102-paneth-cells GSM1988081.CEL  
101-paneth-cells GSM1988080.CEL  
100-paneth-cells GSM1988079.CEL  
99-paneth-cells GSM1988078.CEL  
98-paneth-cells GSM1988077.CEL  
97-paneth-cells GSM1988076.CEL  
96-paneth-cells GSM1988075.CEL  
95-paneth-cells GSM1988074.CEL  
94-paneth-cells GSM1988073.CEL  
93-paneth-cells GSM1988072.CEL  
92-paneth-cells GSM1988071.CEL  
91-paneth-cells GSM1988070.CEL  
90-paneth-cells GSM1988069.CEL  
89-paneth-cells GSM1988068.CEL  
88-paneth-cells GSM1988067.CEL  
87-paneth-cells GSM1988066.CEL  
86-paneth-cells GSM1988065.CEL  
85-paneth-cells GSM1988064.CEL  
84-paneth-cells GSM1988063.CEL  
83-paneth-cells GSM1988062.CEL  
82-paneth-cells GSM1988061.CEL  
81-paneth-cells GSM1988060.CEL  
80-paneth-cells GSM1988059.CEL  
79-paneth-cells GSM1988058.CEL  
78-paneth-cells GSM1988057.CEL  
77-paneth-cells GSM1988056.CEL  
76-paneth-cells GSM1988055.CEL  
75-paneth-cells GSM1988054.CEL  
74-paneth-cells GSM1988053.CEL  
73-paneth-cells GSM1988052.CEL  
72-paneth-cells GSM1988051.CEL  
71-paneth-cells GSM1988050.CEL  
70-paneth-cells GSM1988049.CEL  
69-paneth-cells GSM1988048.CEL  
68-paneth-cells GSM1988047.CEL  
67-paneth-cells GSM1988046.CEL  
66-paneth-cells GSM1988045.CEL  
65-paneth-cells GSM1988044.CEL  
64-paneth-cells GSM1988043.CEL  
63-paneth-cells GSM1988042.CEL  
62-paneth-cells GSM1988041.CEL  
61-paneth-cells GSM1988040.CEL  
60-paneth-cells GSM1988039.CEL  
59-paneth-cells GSM1988038.CEL  
58-paneth-cells GSM1988037.CEL  
57-paneth-cells GSM1988036.CEL  
56-paneth-cells GSM1988035.CEL  
55-paneth-cells GSM1988034.CEL  
54-paneth-cells GSM1988033.CEL  
53-paneth-cells GSM1988032.CEL  
52-paneth-cells GSM1988031.CEL  
51-paneth-cells GSM1988030.CEL  
50-paneth-cells GSM1988029.CEL  
49-paneth-cells GSM1988028.CEL  
48-paneth-cells GSM1988027.CEL  
47-paneth-cells GSM1988026.CEL  
46-paneth-cells GSM1988025.CEL  
45-paneth-cells GSM1988024.CEL  
44-paneth-cells GSM1988023.CEL  
43-paneth-cells GSM1988022.CEL  
42-paneth-cells GSM1988021.CEL  
41-paneth-cells GSM1988020.CEL  
40-paneth-cells GSM1988019.CEL  
39-paneth-cells GSM1988018.CEL  
38-paneth-cells GSM1988017.CEL  
37-paneth-cells GSM1988016.CEL  
36-paneth-cells GSM1988015.CEL  
35-paneth-cells GSM1988014.CEL  
34-paneth-cells GSM1988013.CEL  
33-paneth-cells GSM1988012.CEL  
32-paneth-cells GSM1988011.CEL  
31-paneth-cells GSM1988010.CEL  
30-paneth-cells GSM1988009.CEL  
29-paneth-cells GSM1988008.CEL  
28-paneth-cells GSM1988007.CEL  
27-paneth-cells GSM1988006.CEL  
26-paneth-cells GSM1988005.CEL  
25-paneth-cells GSM1988004.CEL  
24-paneth-cells GSM1988003.CEL  
23-paneth-cells GSM1988002.CEL  
22-paneth-cells GSM1988001.CEL  
21-paneth-cells GSM1988000.CEL  
20-paneth-cells GSM1988000.CEL  
19-paneth-cells GSM1988000.CEL  
18-paneth-cells GSM1988000.CEL  
17-paneth-cells GSM1988000.CEL  
16-paneth-cells GSM1988000.CEL  
15-paneth-cells GSM1988000.CEL  
14-paneth-cells GSM1988000.CEL  
13-paneth-cells GSM1988000.CEL  
12-paneth-cells GSM1988000.CEL  
11-paneth-cells GSM1988000.CEL  
10-paneth-cells GSM1988000.CEL  
9-paneth-cells GSM1988000.CEL  
8-paneth-cells GSM1988000.CEL  
7-paneth-cells GSM1988000.CEL  
6-paneth-cells GSM1988000.CEL  
5-paneth-cells GSM1988000.CEL  
4-paneth-cells GSM1988000.CEL  
3-paneth-cells GSM1988000.CEL  
2-paneth-cells GSM1988000.CEL  
1-paneth-cells GSM1988000.CEL



Cluster0261\_House keeping (8 nodes)

12,827.5  
12,152.4  
11,477.3  
10,802.1  
10,127  
9,451.9  
8,776.7  
8,101.6  
7,426.5  
6,751.3  
6,076.2  
5,401.1  
4,725.9  
4,050.8  
3,375.7  
2,700.5  
2,025.4  
1,350.3  
675.1  
0

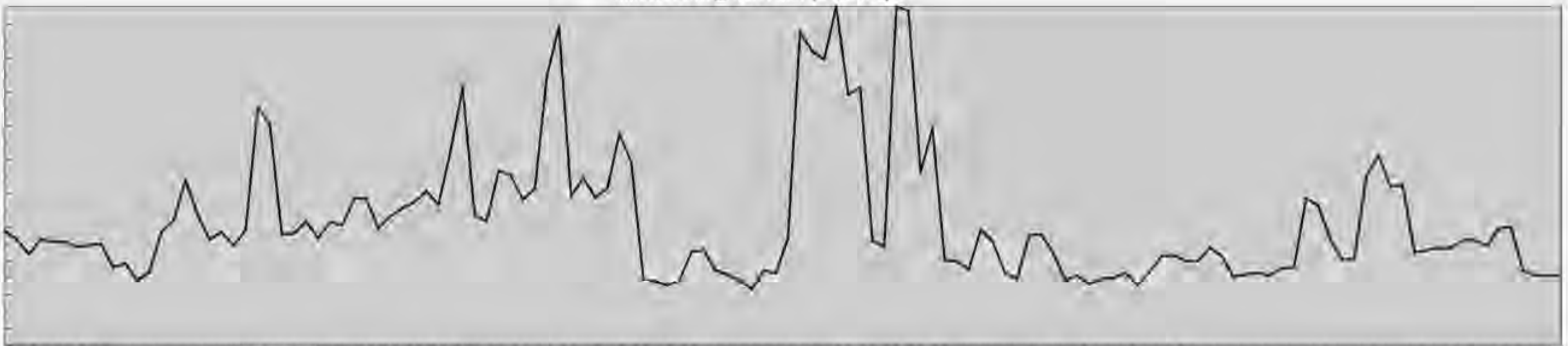


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-CD8A GSM1988105.CEL  
125-CD8A GSM1988104.CEL  
124-CD8A GSM1988103.CEL  
123-CD8A GSM1988102.CEL  
122-CD8A GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endg-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-FLY RMLNDC003001.CEL  
79-FLY RMLNDC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-LPS-7h GSM258706.CEL  
60-PM-M-LPS-7h GSM258705.CEL  
59-PM-M-LPS-7h GSM258702.CEL  
58-PM-M-LPS-6h GSM258701.CEL  
57-PM-M-LPS-6h GSM258699.CEL  
56-PM-M-LPS-6h GSM258699.CEL  
55-PM-M-LPS-6h GSM258699.CEL  
54-PM-M-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258720.CEL  
33-MEP GSM258719.CEL  
32-MEP GSM258719.CEL  
31-H9c GSM258770.CEL  
30-H9c GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116358.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-CD8a-DC GSM480375.CEL  
20-CD8a-DC GSM480374.CEL  
19-CD8a-DC GSM480363.CEL  
18-CD8a-DC GSM480362.CEL  
17-CD8a-DC GSM349880.CEL  
16-CD8a-DC GSM350375.CEL  
15-CD8a-DC GSM350376.CEL  
14-CD8a-DC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0262\_Uncertain (8 nodes)

217.1  
205.7  
194.2  
182.8  
171.4  
160  
148.5  
137.1  
125.7  
114.3  
102.8  
91.4  
80  
68.6  
57.1  
45.7  
34.3  
22.9  
11.4  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988103 CELL  
124-Color-d9 GSM1988102 CELL  
123-Color-d4 GSM1988101 CELL  
122-Color-d4 GSM1988100 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258677 CELL  
118-Intestine-small GSM258692 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Spleen GSM258766 CELL  
115-Spleen GSM258767 CELL  
114-Neuro2a GSM258728 CELL  
113-Neuro2a GSM258727 CELL  
112-Astrocytes GSM241898 CELL  
111-ming GSM258726 CELL  
110-ming GSM258725 CELL  
109-mim6 GSM258724 CELL  
108-MIMCD3 GSM258723 CELL  
107-MIMCD3 GSM258722 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258739 CELL  
101-NH3T3 GSM258738 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d14 GSM258738 CELL  
94-Osteoblast-d14 GSM258737 CELL  
93-Osteoblast-d14 GSM258742 CELL  
92-Osteoblast-d5 GSM258741 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-LT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-LY RMLND003001 CELL  
79-LY RMLND003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258621 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Ismacryoid-DC GSM258650 CELL  
52-Ismacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258732 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells-IgE GSM258712 CELL  
40-Granulocytes GSM258667 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258665 CELL  
35-GMP GSM258664 CELL  
34-MPEP GSM258872 CELL  
33-MPEP GSM258871 CELL  
32-MPEP GSM258871 CELL  
31-HSC GSM258870 CELL  
30-HSC GSM258870 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM318590 CELL  
20-Color-Crypt GSM480375 CELL  
19-Color-Vill GSM480363 CELL  
18-Color-Vill GSM480362 CELL  
17-Color-IEC-GE GSM349880 CELL  
16-Color-IEC-GE GSM350375 CELL  
15-Ileum-IEC GSM350375 CELL  
14-Ileum-IEC GSM350376 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-w-M-cells GSM190794 CELL  
05-CT-w-M-cells GSM190793 CELL  
04-CT-y-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0263\_Uncertain (8 nodes)

290.6  
275.3  
260  
244.7  
229.4  
214.1  
198.8  
183.5  
168.2  
153  
137.7  
121.4  
107.1  
91.8  
76.5  
61.2  
45.9  
30.6  
15.3  
0



130- NALT GSM289411.CEL  
 129- NALT GSM289410.CEL  
 128- NALT GSM289409.CEL  
 127- NALT GSM289408.CEL  
 126- Colon-d9 GSM1988105.CEL  
 125- Colon-d9 GSM1988104.CEL  
 124- Colon-d9 GSM1988103.CEL  
 123- Colon-d4 GSM1988102.CEL  
 122- Colon-d4 GSM1988101.CEL  
 121- Intestine-large GSM258676.CEL  
 120- Intestine-large GSM258675.CEL  
 119- Intestine-small GSM258678.CEL  
 118- Intestine-small GSM258692.CEL  
 117- Lymph-nodes GSM258691.CEL  
 116- Lymph-nodes GSM258726.CEL  
 115- Spleen GSM258768.CEL  
 114- Spleen GSM258767.CEL  
 113- Neuro2a GSM258728.CEL  
 112- Neuro2a GSM258727.CEL  
 111- Astrocytes GSM241898.CEL  
 110- mimb GSM258726.CEL  
 109- mimb GSM258725.CEL  
 108- MIMCD3 GSM258724.CEL  
 107- MIMCD3 GSM258723.CEL  
 106- Bruce4 GSM258656.CEL  
 105- Bruce4 GSM258655.CEL  
 104- C2C12 GSM258690.CEL  
 103- C2C12 GSM258629.CEL  
 102- NIH3T3 GSM258730.CEL  
 101- NIH3T3 GSM258729.CEL  
 100- 3T3-L1 GSM258610.CEL  
 99- 3T3-L1 GSM258609.CEL  
 98- 10T12 GSM258632.CEL  
 97- 10T12 GSM258631.CEL  
 96- Osteoblast-d21 GSM258740.CEL  
 95- Osteoblast-d21 GSM258739.CEL  
 94- Osteoblast-d14 GSM258738.CEL  
 93- Osteoblast-d14 GSM258737.CEL  
 92- Osteoblast-d5 GSM258742.CEL  
 91- Osteoblast-d5 GSM258741.CEL  
 90- Chondrocytes GSM266741.CEL  
 89- Nat Helper cell GSM465594.CEL  
 88- Nat Helper cell GSM465593.CEL  
 87- T cell GSM465596.CEL  
 86- MS-1 GSM234692.CEL  
 85- Lymph-endo-cells GSM143704.CEL  
 84- PFDc GSM481977.CEL  
 83- PFDc GSM481978.CEL  
 82- PFDc GSM481976.CEL  
 81- PFDc GSM481976.CEL  
 80- FLY RMLNDCC003001.CEL  
 79- FLY RMLNDCC003001.CEL  
 78- Follicular-Bcells GSM258664.CEL  
 77- Follicular-Bcells GSM258663.CEL  
 76- MZ-Bcell GSM258627.CEL  
 75- MZ-Bcell GSM258621.CEL  
 74- BAF3 GSM258620.CEL  
 73- BAF3 GSM258619.CEL  
 72- Tregs GSM258778.CEL  
 71- Tregs GSM258777.CEL  
 70- T-cells-CD8+ GSM258776.CEL  
 69- T-cells-CD8+ GSM258775.CEL  
 68- T-cells-CD4+ GSM258774.CEL  
 67- T-cells-CD4+ GSM258773.CEL  
 66- Thymocyte-DN GSM465595.CEL  
 65- Osteoclasts GSM258744.CEL  
 64- Osteoclasts GSM258743.CEL  
 63- Microglia GSM258721.CEL  
 62- Microglia GSM258721.CEL  
 61- PMS-7h GSM258706.CEL  
 60- PMS-7h GSM258706.CEL  
 59- PMS-6h GSM258702.CEL  
 58- PMS-6h GSM258701.CEL  
 57- BMM-LPS-6h GSM258699.CEL  
 56- BMM-LPS-6h GSM258699.CEL  
 55- BMM GSM258694.CEL  
 54- BMM GSM258694.CEL  
 53- Iasmacryoid-DC GSM258650.CEL  
 52- Iasmacryoid-DC GSM258649.CEL  
 51- CD8a-DC GSM258648.CEL  
 50- CD8a-DC GSM258647.CEL  
 49- CD8a+DC GSM258646.CEL  
 48- CD8a+DC GSM258645.CEL  
 47- NK-cells GSM258732.CEL  
 46- NK-cells GSM258731.CEL  
 45- Mast-cells-IgE+Ad GSM258718.CEL  
 44- Mast-cells-IgE+Ad GSM258717.CEL  
 43- Mast-cells-IgE GSM258714.CEL  
 42- Mast-cells-IgE GSM258713.CEL  
 41- Mast-cells GSM258712.CEL  
 40- Granulocytes GSM258668.CEL  
 39- Granulocytes GSM258667.CEL  
 38- GMP GSM258666.CEL  
 37- GMP GSM258665.CEL  
 36- GMP GSM258664.CEL  
 35- CMP GSM258642.CEL  
 34- CMP GSM258641.CEL  
 33- MIEP GSM258720.CEL  
 32- MIEP GSM258719.CEL  
 31- HESC GSM258770.CEL  
 30- HESC GSM258769.CEL  
 29- Bone marrow GSM258628.CEL  
 28- Bone marrow GSM258627.CEL  
 27- Paneth-cells-GF GSM116357.CEL  
 26- Paneth-cells-GF GSM116350.CEL  
 25- Paneth-cells GSM116350.CEL  
 24- Paneth-cells GSM116359.CEL  
 23- Paneth-cells GSM318589.CEL  
 22- Paneth-cells GSM318590.CEL  
 21- Colon-Crypt GSM480375.CEL  
 20- Colon-Crypt GSM480374.CEL  
 19- Colon-VIII GSM480363.CEL  
 18- Colon-VIII GSM480362.CEL  
 17- Colon-IEC-GF GSM349880.CEL  
 16- Colon-IEC-GF GSM350375.CEL  
 15- Ileum-IEC-GF GSM350376.CEL  
 14- Ileum-IEC GSM350371.CEL  
 13- Small-intestine-epithelium RMINEP002001.CEL  
 12- Small-intestine-epithelium RMINEP001001.CEL  
 11- FAE RMPYEP002001.CEL  
 10- FAE RMPYEP001001.CEL  
 09- Ileum-IEC GSM190797.CEL  
 08- Ileum-IEC GSM190796.CEL  
 07- Ileum-IEC GSM190795.CEL  
 06- CT-v-M-cells GSM190794.CEL  
 05- CT-v-M-cells GSM190793.CEL  
 04- PP-M-cells GSM190792.CEL  
 03- PP-M-cells GSM190791.CEL  
 02- PP-M-cells GSM190790.CEL  
 01- PP-M-cells GSM190789.CEL



Cluster0264\_Uncertain (8 nodes)

153.3  
145.3  
137.2  
129.1  
121.1  
113  
104.9  
96.8  
88.8  
80.7  
72.6  
64.6  
56.5  
48.4  
40.4  
32.3  
24.2  
16.1  
8.1  
0

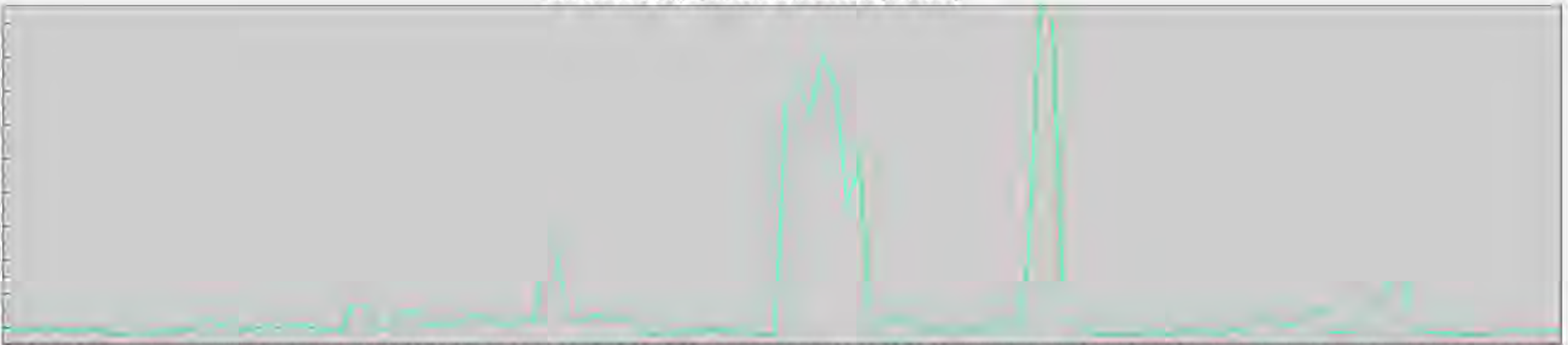


130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-Colon-d9 GSM1988105 CEL  
125-Colon-d9 GSM1988104 CEL  
124-Colon-d9 GSM1988103 CEL  
123-Colon-d4 GSM1988102 CEL  
122-Colon-d4 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258678 CEL  
118-Intestine-small GSM258677 CEL  
117-Lymph-nodes GSM258691 CEL  
116-Lymph-nodes GSM258692 CEL  
115-Spleen GSM258766 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258729 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258656 CEL  
105-Bruce4 GSM258655 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258689 CEL  
102-NH3T3 GSM258730 CEL  
101-NH3T3 GSM258729 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-PP-FDC GSM481977 CEL  
82-PP-FDC GSM481978 CEL  
81-PP-FDC GSM481976 CEL  
80-F-L-Y RMLNDCC003001 CEL  
79-F-L-Y RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258622 CEL  
75-MZ-Bcell GSM258621 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258773 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-MM-PS-7h GSM258706 CEL  
60-MM-PS-7h GSM258706 CEL  
59-MM-PS-6h GSM258702 CEL  
58-MM-PS-6h GSM258702 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258699 CEL  
55-MM-LPS-6h GSM258694 CEL  
54-MM-LPS-6h GSM258694 CEL  
53-Plasmacytoid-DC GSM258650 CEL  
52-Plasmacytoid-DC GSM258649 CEL  
51-CD8a-DC GSM258648 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258732 CEL  
45-Mast-cells-IgE+Ad GSM258719 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258668 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258665 CEL  
36-GMP GSM258664 CEL  
35-CMP GSM258642 CEL  
34-CMP GSM258641 CEL  
33-MEP GSM258720 CEL  
32-MEP GSM258719 CEL  
31-HESC GSM258770 CEL  
30-HESC GSM258770 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-Colon-Crypt GSM480375 cel  
20-Colon-Crypt GSM480374 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-GE GSM349880 CEL  
16-Colon-IEC-GE GSM350375 CEL  
15-Ileum-IEC GSM350376 CEL  
14-Ileum-IEC GSM350371 CEL  
13-Small-intestine-epithelium RMINEP002001 CEL  
12-Small-intestine-epithelium RMINEP001001 CEL  
11-FAE RMPYEP002001 CEL  
10-FAE RMPYEP001001 CEL  
09-Ileum-IEC GSM190797 CEL  
08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-v-M-cells GSM190794 CEL  
05-CT-v-M-cells GSM190793 CEL  
04-PP-M-cells GSM190792 CEL  
03-PP-M-cells GSM190791 CEL  
02-PP-M-cells GSM190790 CEL  
01-PP-M-cells GSM190789 CEL



Cluster0265\_High in T cells and NH cells (8 nodes)

711.6  
674.1  
636.7  
599.2  
561.8  
524.3  
486.9  
449.4  
412  
374.5  
337.1  
299.6  
262.2  
224.7  
187.3  
149.8  
112.4  
74.9  
37.5  
0



130- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 128- NALT GSM289409 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258678 CELL  
 118- Intestine-small GSM258679 CELL  
 117- Lymph-nodes GSM258691 CELL  
 116- Lymph-nodes GSM258726 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258768 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258729 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258725 CELL  
 109- mimb GSM258724 CELL  
 108- MIMCD3 GSM258723 CELL  
 107- MIMCD3 GSM258722 CELL  
 106- Bruce4 GSM258656 CELL  
 105- Bruce4 GSM258655 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258689 CELL  
 102- NIH3T3 GSM258730 CELL  
 101- NIH3T3 GSM258729 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T1/2 GSM258632 CELL  
 97- 10T1/2 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Chondrocytes GSM266740 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- Tt cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- PP-FDC GSM481977 CELL  
 82- PP-FDC GSM481978 CELL  
 81- PP-FDC GSM481976 CELL  
 80- FLY RMLNDCC003001 CELL  
 79- FLY RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258621 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258775 CELL  
 68- T-cells-CD4+ GSM258774 CELL  
 67- T-cells-CD4+ GSM258773 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258744 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- MM-LPS-7h GSM258706 CELL  
 61- MM-LPS-7h GSM258706 CELL  
 60- MM-LPS-6h GSM258702 CELL  
 59- MM-LPS-6h GSM258701 CELL  
 58- MM-LPS-6h GSM258699 CELL  
 57- MM-LPS-6h GSM258699 CELL  
 56- MM-LPS-6h GSM258694 CELL  
 55- MM-LPS-6h GSM258694 CELL  
 54- Plasmacytoid-DC GSM258650 CELL  
 53- Plasmacytoid-DC GSM258649 CELL  
 52- CD8a-DC GSM258647 CELL  
 51- CD8a-DC GSM258647 CELL  
 50- CD8a+DC GSM258646 CELL  
 49- CD8a+DC GSM258646 CELL  
 48- NK-cells GSM258732 CELL  
 47- NK-cells GSM258731 CELL  
 46- Mast-cells-IgE+Ad GSM258719 CELL  
 45- Mast-cells-IgE+Ad GSM258718 CELL  
 44- Mast-cells-IgE GSM258714 CELL  
 43- Mast-cells-IgE GSM258713 CELL  
 42- Mast-cells-IgE GSM258712 CELL  
 41- Mast-cells GSM258711 CELL  
 40- Granulocytes GSM258667 CELL  
 39- Granulocytes GSM258667 CELL  
 38- GMP GSM258666 CELL  
 37- GMP GSM258666 CELL  
 36- GMP GSM258665 CELL  
 35- CMP GSM258642 CELL  
 34- CMP GSM258642 CELL  
 33- MIEP GSM258720 CELL  
 32- MIEP GSM258719 CELL  
 31- HESC GSM258770 CELL  
 30- HESC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116350 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 cel  
 20- Colon-Crypt GSM480374 cel  
 19- Colon-Vill GSM480363 cel  
 18- Colon-Vill GSM480362 cel  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002001 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP002001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- CT-v-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0266\_House keeping-cell cycle (8 nodes)

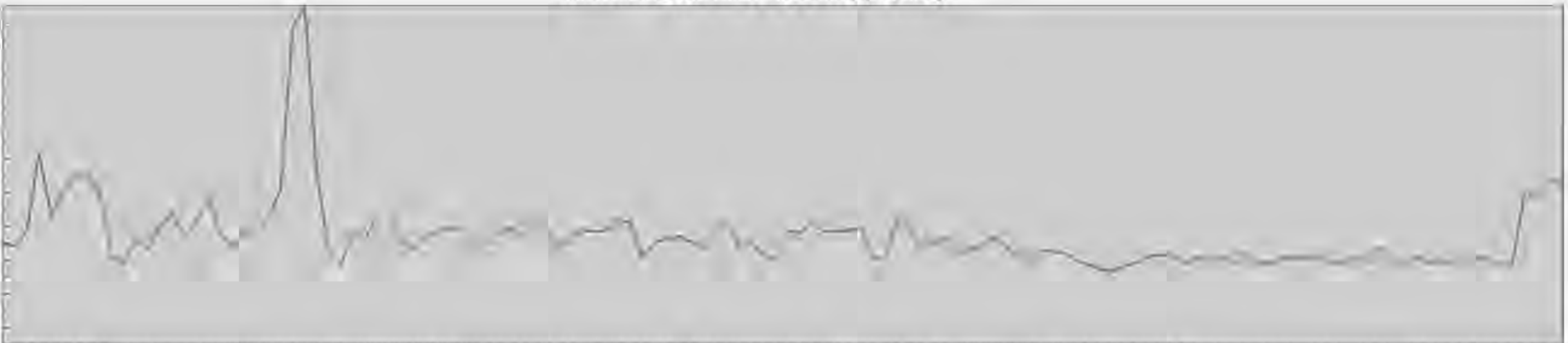
1,319.8  
1,250.3  
1,180.9  
1,111.4  
1,041.9  
972.5  
903  
833.6  
764.1  
694.6  
625.2  
555.7  
486.2  
416.8  
347.3  
277.9  
208.4  
138.9  
69.5  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-PP-M-cells\_GSM190792.CEL  
05-CT-V-M-cells\_GSM190793.CEL  
06-CT-V-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYE001001.CEL  
11-FAE-RMPYE002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM350375.CEL  
17-Colon-IEC-Gf\_GSM349880.CEL  
18-Colon-Vill-GSM480362.CEL  
19-Colon-Vill-GSM480363.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318590.CEL  
23-Paneth-cells\_GSM318589.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116350.CEL  
26-Paneth-cells-Gf-1-GSM116357.CEL  
27-Paneth-cells-Gf-1-GSM116358.CEL  
28-Paneth-cells-Gf-1-GSM116359.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258771.CEL  
32-MEP\_GSM258770.CEL  
33-MEP\_GSM258771.CEL  
34-MEP\_GSM258642.CEL  
35-MEP\_GSM258642.CEL  
36-MEP\_GSM258642.CEL  
37-MEP\_GSM258642.CEL  
38-Granulocytes\_GSM258667.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Mast-cells\_GSM258712.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-Gf-GSM258712.CEL  
43-Mast-cells-Gf-GSM258712.CEL  
44-Mast-cells-Gf-GSM258712.CEL  
45-Mast-cells-Gf-GSM258712.CEL  
46-NK-cells\_GSM258732.CEL  
47-NK-cells\_GSM258732.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a+DC\_GSM258647.CEL  
51-CD8a+DC\_GSM258647.CEL  
52-CD8a+DC\_GSM258647.CEL  
53-CD8a+DC\_GSM258647.CEL  
54-CD8a+DC\_GSM258647.CEL  
55-CD8a+DC\_GSM258647.CEL  
56-CD8a+DC\_GSM258647.CEL  
57-CD8a+DC\_GSM258647.CEL  
58-CD8a+DC\_GSM258647.CEL  
59-CD8a+DC\_GSM258647.CEL  
60-CD8a+DC\_GSM258647.CEL  
61-CD8a+DC\_GSM258647.CEL  
62-Microglia\_GSM258721.CEL  
63-Microglia\_GSM258721.CEL  
64-Microglia\_GSM258721.CEL  
65-Osteoclasts\_GSM258743.CEL  
66-Osteoclasts\_GSM258743.CEL  
67-T-cells-CD4+GSM258773.CEL  
68-T-cells-CD4+GSM258773.CEL  
69-T-cells-CD4+GSM258774.CEL  
70-T-cells-CD4+GSM258774.CEL  
71-T-cells-CD4+GSM258774.CEL  
72-T-cells-CD4+GSM258774.CEL  
73-Tregs\_GSM258778.CEL  
74-Tregs\_GSM258778.CEL  
75-Tregs\_GSM258778.CEL  
76-MZ-Bcell\_GSM258622.CEL  
77-MZ-Bcell\_GSM258622.CEL  
78-MZ-Bcell\_GSM258622.CEL  
79-Follicular-Bcells\_GSM258664.CEL  
80-Follicular-Bcells\_GSM258664.CEL  
81-Follicular-Bcells\_GSM258664.CEL  
82-PP-FDC\_GSM481976.CEL  
83-PP-FDC\_GSM481976.CEL  
84-PP-FDC\_GSM481976.CEL  
85-MS-1\_GSM234692.CEL  
86-LT-cell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465593.CEL  
89-Nat Helper cell\_GSM465593.CEL  
90-Chondrocytes\_GSM258741.CEL  
91-Chondrocytes\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258741.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d21\_GSM258738.CEL  
95-Osteoblast-d21\_GSM258738.CEL  
96-Osteoblast-d21\_GSM258738.CEL  
97-OT12\_GSM258631.CEL  
98-OT12\_GSM258631.CEL  
99-3T3-L1\_GSM258609.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258729.CEL  
102-NH3T3\_GSM258729.CEL  
103-C2C12\_GSM258629.CEL  
104-C2C12\_GSM258629.CEL  
105-Bruce4\_GSM258656.CEL  
106-Bruce4\_GSM258656.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258766.CEL  
114-Spleen\_GSM258766.CEL  
115-Spleen\_GSM258766.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258677.CEL  
119-Intestine-small\_GSM258677.CEL  
120-Intestine-large\_GSM258675.CEL  
121-Intestine-large\_GSM258675.CEL  
122-Intestine-large\_GSM258675.CEL  
123-Colon-d4\_GSM198810.CEL  
124-Colon-d4\_GSM198810.CEL  
125-Colon-d9\_GSM198810.CEL  
126-Colon-d9\_GSM198810.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289408.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0267\_Uncertain-low in many (8 nodes)



01	PP-M-cells	GSM190789	CEL
02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Colon-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-Crypt	GSM480374	cel
20	Colon-Crypt	GSM480375	cel
21	Colon-Crypt	GSM480376	cel
22	Paneth-cells	GSM318659	CEL
23	Paneth-cells	GSM318690	CEL
24	Paneth-cells	GSM116350	CEL
25	Paneth-cells	GSM116351	CEL
26	Paneth-cells	GSM116352	CEL
27	Paneth-cells	GSM116353	CEL
28	Paneth-cells	GSM116354	CEL
29	Bone marrow	GSM258627	CEL
30	HS	GSM258770	CEL
31	HS	GSM258771	CEL
32	MEP	GSM258772	CEL
33	MEP	GSM258773	CEL
34	MEP	GSM258774	CEL
35	MEP	GSM258775	CEL
36	GMP	GSM258665	CEL
37	GMP	GSM258666	CEL
38	GMP	GSM258667	CEL
39	Granulocytes	GSM258668	CEL
40	Mast-cells	GSM258712	CEL
41	Mast-cells	GSM258713	CEL
42	Mast-cells	GSM258714	CEL
43	Mast-cells	GSM258715	CEL
44	Mast-cells	GSM258716	CEL
45	Mast-cells	GSM258717	CEL
46	NK-cells	GSM258731	CEL
47	NK-cells	GSM258732	CEL
48	CD8a+DC	GSM258646	CEL
49	CD8a+DC	GSM258647	CEL
50	CD8a-DC	GSM258647	CEL
51	CD8a-DC	GSM258648	CEL
52	CD8a-DC	GSM258649	CEL
53	Plasmacytoid-DC	GSM258650	CEL
54	MM	GSM258694	CEL
55	MM	GSM258694	CEL
56	MM	GSM258694	CEL
57	MM	GSM258702	CEL
58	MM	GSM258702	CEL
59	MM	GSM258702	CEL
60	MM	GSM258702	CEL
61	MM	GSM258706	CEL
62	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
64	Microglia	GSM258721	CEL
65	Osteoclasts	GSM258743	CEL
66	Thymocyte-DN	GSM465595	CEL
67	T-cells-CD4+	GSM258773	CEL
68	T-cells-CD4+	GSM258773	CEL
69	T-cells-CD8+	GSM258774	CEL
70	T-cells-CD8+	GSM258774	CEL
71	Tregs	GSM258778	CEL
72	Tregs	GSM258778	CEL
73	BAF3	GSM258620	CEL
74	BAF3	GSM258620	CEL
75	MZ-Bcell	GSM258621	CEL
76	MZ-Bcell	GSM258621	CEL
77	Follicular-Bcells	GSM258664	CEL
78	Follicular-Bcells	GSM258664	CEL
79	F-LY	RMLNDC002001	CEL
80	F-LY	RMLNDC003001	CEL
81	PP-FDC	GSM481976	CEL
82	PP-FDC	GSM481978	CEL
83	PP-FDC	GSM481978	CEL
84	Lymph-endo-cells	GSM143704	CEL
85	MS-1	GSM234692	CEL
86	Tt cell	GSM465596	CEL
87	Nat Helper cell	GSM465593	CEL
88	Nat Helper cell	GSM465594	CEL
89	Chondrocytes	GSM266741	CEL
90	Chondrocytes	GSM266741	CEL
91	Osteoblast-d5	GSM258741	CEL
92	Osteoblast-d5	GSM258742	CEL
93	Osteoblast-d14	GSM258737	CEL
94	Osteoblast-d14	GSM258738	CEL
95	Osteoblast-d21	GSM258740	CEL
96	Osteoblast-d21	GSM258739	CEL
97	OT12	GSM258631	CEL
98	OT12	GSM258632	CEL
99	OT12	GSM258609	CEL
100	3T3-L1	GSM258610	CEL
101	NH3T3	GSM258739	CEL
102	NH3T3	GSM258739	CEL
103	C2C12	GSM258629	CEL
104	C2C12	GSM258630	CEL
105	Bruce4	GSM258656	CEL
106	Bruce4	GSM258656	CEL
107	MIMCD3	GSM258723	CEL
108	MIMCD3	GSM258723	CEL
109	mim6	GSM258725	CEL
110	mim6	GSM258726	CEL
111	Astrocytes	GSM241898	CEL
112	Spleen	GSM258768	CEL
113	Spleen	GSM258767	CEL
114	Neuro2a	GSM258728	CEL
115	Neuro2a	GSM258728	CEL
116	Lymph-nodes	GSM258691	CEL
117	Lymph-nodes	GSM258691	CEL
118	Intestine-small	GSM258677	CEL
119	Intestine-large	GSM258678	CEL
120	Intestine-large	GSM258675	CEL
121	Intestine-large	GSM258676	CEL
122	Colon-d4	GSM198810	CEL
123	Colon-d4	GSM198810	CEL
124	Colon-d9	GSM198810	CEL
125	Colon-d9	GSM198810	CEL
126	Colon-d9	GSM198810	CEL
127	NALT	GSM289408	CEL
128	NALT	GSM289409	CEL
129	NALT	GSM289410	CEL
130	NALT	GSM289411	CEL



Cluster0268\_House keeping-cell cycle (8 nodes)

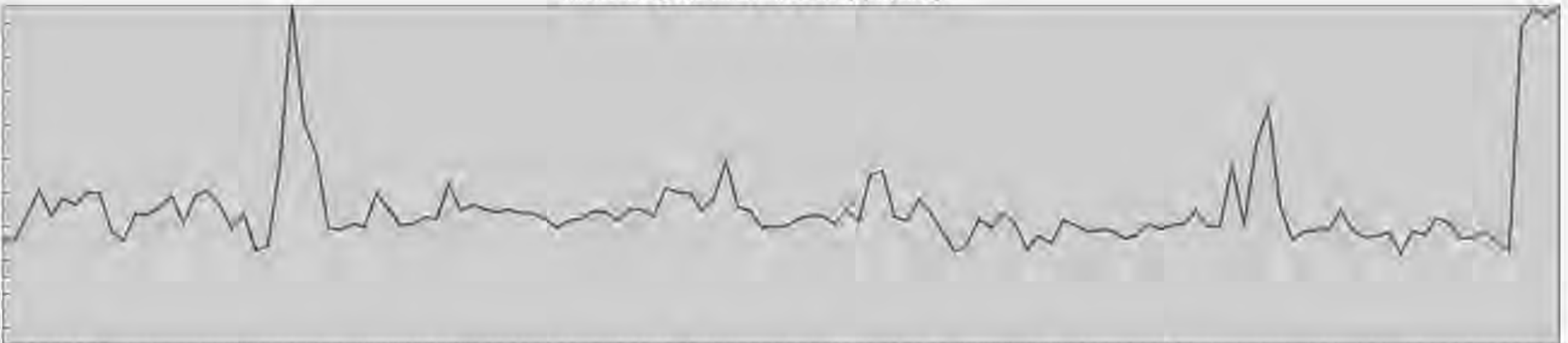
2,602.6  
2,465.7  
2,328.7  
2,191.7  
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1,917.7  
1,780.8  
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1,506.8  
1,369.8  
1,232.8  
1,095.8  
958.9  
821.9  
684.9  
547.9  
410.9  
274  
137  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258727.CEL  
112-Neuro2a GSM241898.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258706.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258702.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258737.CEL  
46-NK-cells GSM258737.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-Gf GSM349880.CEL  
16-Colon-IEC-Gf GSM350375.CEL  
15-Ileum-IEC-Gf GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0269\_Uncertain-low in many (8 nodes)



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-IEC-Gf\_GSM350375.CEL  
 18-Colon-Vill-GSM480362.CEL  
 19-Colon-Vill-GSM480363.CEL  
 20-Colon-Crypt-GSM480374.CEL  
 21-Colon-Crypt-GSM480375.CEL  
 22-Paneth-cells-GSM318590.CEL  
 23-Paneth-cells-GSM318591.CEL  
 24-Paneth-cells-GSM116350.CEL  
 25-Paneth-cells-GSM116359.CEL  
 26-Paneth-cells-Gf-GSM116357.CEL  
 27-Paneth-cells-Gf-GSM116358.CEL  
 28-Paneth-cells-Gf-GSM116359.CEL  
 29-Bone marrow\_GSM258628.CEL  
 30-HSC-GSM258770.CEL  
 31-HSC-GSM258771.CEL  
 32-MEP-GSM258772.CEL  
 33-MEP-GSM258773.CEL  
 34-MEP-GSM258774.CEL  
 35-MEP-GSM258775.CEL  
 36-MEP-GSM258776.CEL  
 37-MEP-GSM258777.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258668.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells-Gf-GSM258712.CEL  
 42-Mast-cells-Gf-GSM258713.CEL  
 43-Mast-cells-Gf-GSM258714.CEL  
 44-Mast-cells-Gf-GSM258714.CEL  
 45-Mast-cells-Gf-GSM258719.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a+DC\_GSM258647.CEL  
 51-CD8a+DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-Gf-GSM258699.CEL  
 57-BMM-LPS-Gf-GSM258699.CEL  
 58-BMM-LPS-Gf-GSM258702.CEL  
 59-BMM-LPS-Gf-GSM258702.CEL  
 60-BMM-LPS-Gf-GSM258706.CEL  
 61-BMM-LPS-Gf-GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258773.CEL  
 69-T-cells-CD8+GSM258776.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-Tregs\_GSM258819.CEL  
 74-BAF3\_GSM258820.CEL  
 75-MZ-Bcell\_GSM258821.CEL  
 76-MZ-Bcell\_GSM258821.CEL  
 77-Follicular-Bcells\_GSM258864.CEL  
 78-Follicular-Bcells\_GSM258864.CEL  
 79-E-L-Y-RMLNDC002001.CEL  
 80-E-L-Y-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d21\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258729.CEL  
 103-C2C12\_GSM258829.CEL  
 104-Bruce4\_GSM258869.CEL  
 105-Bruce4\_GSM258869.CEL  
 106-Bruce4\_GSM258869.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258767.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258677.CEL  
 121-Intestine-large\_GSM258677.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198101.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198103.CEL  
 126-Colon-d9\_GSM198104.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0270\_High in spleen (8 nodes)

2,086.5  
1,978.7  
1,868.9  
1,757  
1,647.2  
1,537.4  
1,427.6  
1,317.8  
1,208  
1,098.1  
988.3  
878.5  
768.7  
658.9  
549.1  
439.3  
329.4  
219.6  
109.8  
0



30	NALT	GSM289411	CEL
139	NALT	GSM289410	CEL
138	NALT	GSM289409	CEL
137	NALT	GSM289408	CEL
136	Colon-d9	GSM1988104	CEL
135	Colon-d9	GSM1988103	CEL
134	Colon-d4	GSM1988102	CEL
133	Colon-d4	GSM1988101	CEL
132	Colon-d4	GSM1988100	CEL
131	Intestine-large	GSM258676	CEL
130	Intestine-large	GSM258675	CEL
129	Intestine-small	GSM258674	CEL
118	Intestine-small	GSM258673	CEL
117	Lymph-nodes	GSM258672	CEL
116	Spleen	GSM258671	CEL
115	Spleen	GSM258670	CEL
114	Spleen	GSM258669	CEL
113	Neuro2a	GSM241898	CEL
112	Neuro2a	GSM241897	CEL
111	Astrocytes	GSM241896	CEL
110	mim6	GSM258668	CEL
109	mim6	GSM258667	CEL
108	MIMCD3	GSM258666	CEL
107	MIMCD3	GSM258665	CEL
106	Bruce4	GSM258664	CEL
105	Bruce4	GSM258663	CEL
104	C2C12	GSM258662	CEL
103	C2C12	GSM258661	CEL
102	NH3T3	GSM258660	CEL
101	NH3T3	GSM258659	CEL
100	3T3-L1	GSM258658	CEL
99	3T3-L1	GSM258657	CEL
98	10T12	GSM258656	CEL
97	10T12	GSM258655	CEL
96	Osteoblast-d21	GSM258654	CEL
95	Osteoblast-d14	GSM258653	CEL
94	Osteoblast-d14	GSM258652	CEL
93	Osteoblast-d14	GSM258651	CEL
92	Osteoblast-d5	GSM258650	CEL
91	Osteoblast-d5	GSM258649	CEL
90	Chondrocytes	GSM258648	CEL
89	Chondrocytes	GSM258647	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	T cell	GSM465592	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endc-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481976	CEL
81	PP-FDC	GSM481975	CEL
80	E-L	RMLNDC003001	CEL
79	E-L	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258662	CEL
75	MZ-Bcell	GSM258661	CEL
74	BAF3	GSM258660	CEL
73	BAF3	GSM258659	CEL
72	Tregs	GSM258658	CEL
71	T-cells-CD8+	GSM258657	CEL
70	T-cells-CD8+	GSM258656	CEL
69	T-cells-CD4+	GSM258655	CEL
68	T-cells-CD4+	GSM258654	CEL
67	T-cells-CD4+	GSM258653	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258674	CEL
64	Microglia	GSM258673	CEL
63	Microglia	GSM258672	CEL
62	Microglia	GSM258671	CEL
61	PS-7h	GSM258670	CEL
60	PS-7h	GSM258669	CEL
59	PS-6h	GSM258668	CEL
58	PS-6h	GSM258667	CEL
57	PS-6h	GSM258666	CEL
56	PS-6h	GSM258665	CEL
55	PS-6h	GSM258664	CEL
54	PS-6h	GSM258663	CEL
53	PS-6h	GSM258662	CEL
52	PS-6h	GSM258661	CEL
51	PS-6h	GSM258660	CEL
50	PS-6h	GSM258659	CEL
49	PS-6h	GSM258658	CEL
48	PS-6h	GSM258657	CEL
47	PS-6h	GSM258656	CEL
46	PS-6h	GSM258655	CEL
45	PS-6h	GSM258654	CEL
44	PS-6h	GSM258653	CEL
43	PS-6h	GSM258652	CEL
42	PS-6h	GSM258651	CEL
41	PS-6h	GSM258650	CEL
40	PS-6h	GSM258649	CEL
39	PS-6h	GSM258648	CEL
38	PS-6h	GSM258647	CEL
37	PS-6h	GSM258646	CEL
36	PS-6h	GSM258645	CEL
35	PS-6h	GSM258644	CEL
34	PS-6h	GSM258643	CEL
33	PS-6h	GSM258642	CEL
32	PS-6h	GSM258641	CEL
31	PS-6h	GSM258640	CEL
30	PS-6h	GSM258639	CEL
29	PS-6h	GSM258638	CEL
28	PS-6h	GSM258637	CEL
27	PS-6h	GSM258636	CEL
26	PS-6h	GSM258635	CEL
25	PS-6h	GSM258634	CEL
24	PS-6h	GSM258633	CEL
23	PS-6h	GSM258632	CEL
22	PS-6h	GSM258631	CEL
21	PS-6h	GSM258630	CEL
20	PS-6h	GSM258629	CEL
19	PS-6h	GSM258628	CEL
18	PS-6h	GSM258627	CEL
17	PS-6h	GSM258626	CEL
16	PS-6h	GSM258625	CEL
15	PS-6h	GSM258624	CEL
14	PS-6h	GSM258623	CEL
13	PS-6h	GSM258622	CEL
12	PS-6h	GSM258621	CEL
11	PS-6h	GSM258620	CEL
10	PS-6h	GSM258619	CEL
9	PS-6h	GSM258618	CEL
8	PS-6h	GSM258617	CEL
7	PS-6h	GSM258616	CEL
6	PS-6h	GSM258615	CEL
5	PS-6h	GSM258614	CEL
4	PS-6h	GSM258613	CEL
3	PS-6h	GSM258612	CEL
2	PS-6h	GSM258611	CEL
1	PS-6h	GSM258610	CEL



## Cluster0271\_Uncertain (8 nodes)

184.1  
174.4  
164.7  
155  
145.4  
135.7  
126  
116.3  
106.6  
96.9  
87.2  
77.5  
67.8  
58.1  
48.5  
38.8  
29.1  
19.4  
9.7  
0

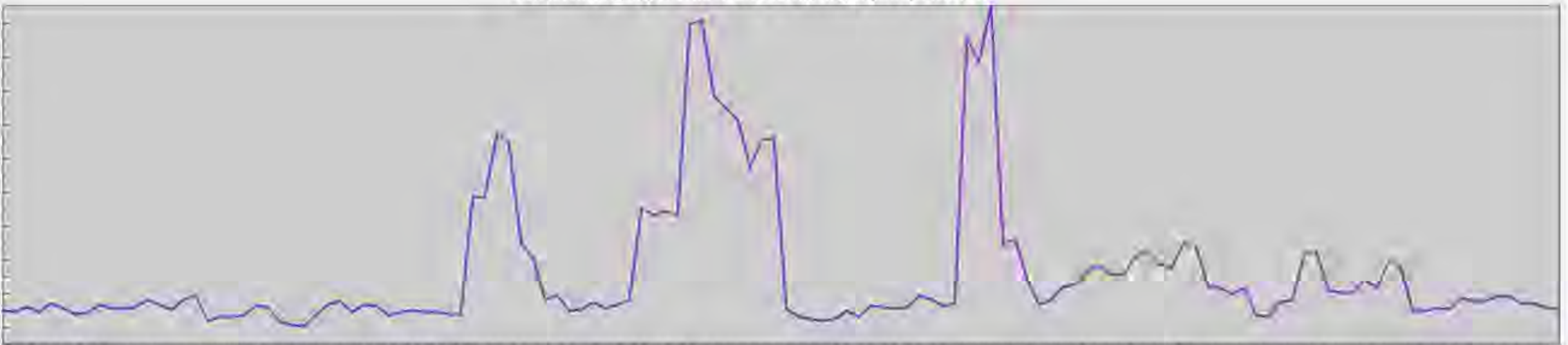


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129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258656.CEL  
106-Bruce4 GSM258655.CEL  
105-Bruce4 GSM258654.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-D-LY RMLNDCC003001.CEL  
79-E-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7h GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-PM-M-PS-6h GSM258699.CEL  
54-PM-M-PS-6h GSM258699.CEL  
53-PM-M-PS-6h GSM258699.CEL  
52-PM-M-PS-6h GSM258699.CEL  
51-PM-M-PS-6h GSM258699.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a-DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116357.CEL  
26-paneth-cells-GE GSM116350.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0272\_High in mast cells and phagocytes (8 nodes)

4,831.1  
4,576.8  
4,322.5  
4,068.3  
3,814  
3,559.7  
3,305.5  
3,051.2  
2,796.9  
2,542.7  
2,288.4  
2,034.1  
1,779.9  
1,525.6  
1,271.3  
1,017.1  
762.8  
508.5  
254.3  
0

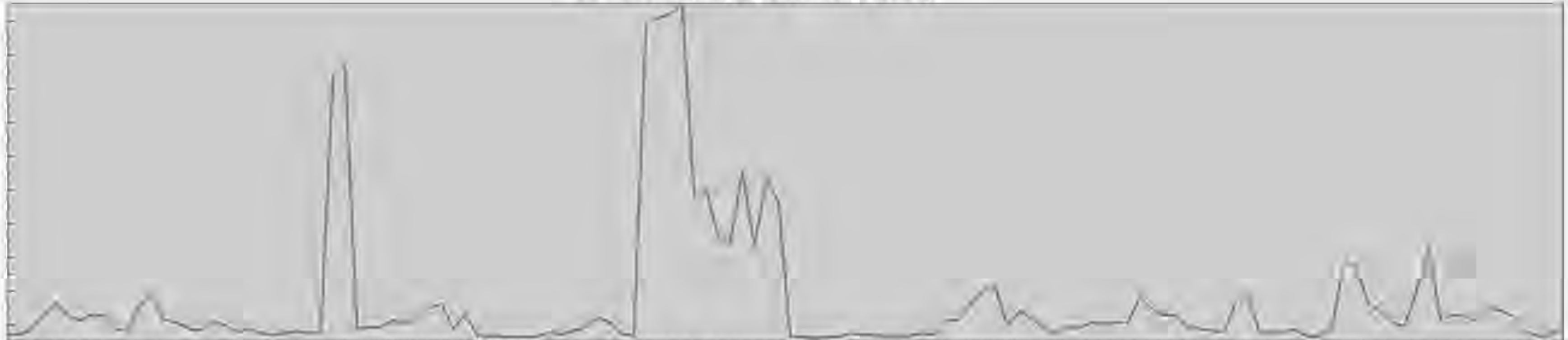


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128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258768.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-D-L Y RMLNDCC002001.CEL  
79-E-L Y RMLNDCC002001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258727.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258705.CEL  
60-MM-LPS-6h GSM258702.CEL  
59-MM-LPS-6h GSM258701.CEL  
58-BMM-LPS-6h GSM258699.CEL  
57-BMM-LPS-6h GSM258698.CEL  
56-BMM-LPS-6h GSM258694.CEL  
55-BMM-LPS-6h GSM258693.CEL  
54-Iasmacytoid-DC GSM258650.CEL  
53-Iasmacytoid-DC GSM258649.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a+DC GSM258646.CEL  
49-CD8a+DC GSM258646.CEL  
48-D8a+DC GSM258645.CEL  
47-NK-cells GSM258737.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GF-1 GSM116357.CEL  
26-paneth-cells-GF-1 GSM116350.CEL  
25-paneth-cells GSM116359.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0273\_Phagocyte-related (8 nodes)

3,129.7  
2,965  
2,800.3  
2,635.6  
2,470.9  
2,306.1  
2,141.4  
1,976.7  
1,812  
1,647.2  
1,482.5  
1,317.8  
1,153.1  
988.3  
823.6  
658.9  
494.2  
329.4  
164.7  
0





## Cluster0274\_Uncertain (8 nodes)

1,383.7  
1,310.9  
1,238.1  
1,165.2  
1,092.4  
1,019.6  
946.8  
873.9  
801.1  
728.3  
655.5  
582.6  
509.8  
437  
364.1  
291.3  
218.5  
145.7  
72.8  
0

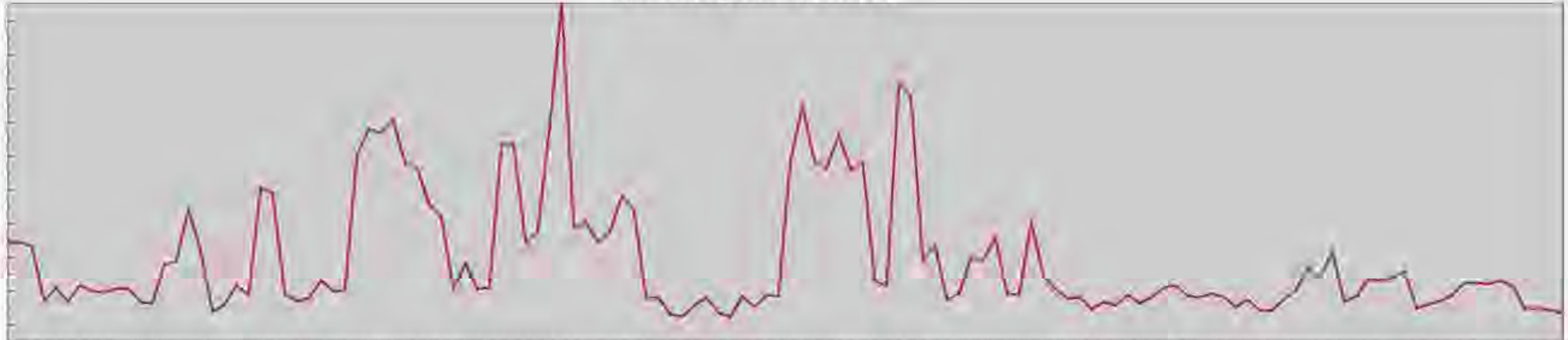


130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Color-d9 GSM1988105 CELL  
 125-Color-d9 GSM1988104 CELL  
 124-Color-d9 GSM1988103 CELL  
 123-Color-d4 GSM1988102 CELL  
 122-Color-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258766 CELL  
 113-Neuro2a GSM258728 CELL  
 112-Neuro2a GSM258727 CELL  
 111-Astrocytes GSM241898 CELL  
 110-mimb GSM258726 CELL  
 109-mimb GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258656 CELL  
 105-Bruce4 GSM258655 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258739 CELL  
 101-NH3T3 GSM258738 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-PP-FDC GSM481977 CELL  
 82-PP-FDC GSM481978 CELL  
 81-PP-FDC GSM481976 CELL  
 80-F-L-Y RMLNDCC003001 CELL  
 79-F-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258773 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-PM-M-PS-7h GSM258706 CELL  
 60-PM-M-PS-7h GSM258706 CELL  
 59-PM-M-PS-7h GSM258702 CELL  
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 57-PM-M-PS-6h GSM258699 CELL  
 56-PM-M-PS-6h GSM258699 CELL  
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 52-PM-M-PS-7h GSM258702 CELL  
 51-PM-M-PS-7h GSM258702 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a-DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258731 CELL  
 45-Mast-cells-IgE+Ad GSM258719 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258712 CELL  
 39-Granulocytes GSM258667 CELL  
 38-Granulocytes GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258665 CELL  
 35-GMP GSM258642 CELL  
 34-GMP GSM258642 CELL  
 33-MEP GSM258720 CELL  
 32-MEP GSM258720 CELL  
 31-MEP GSM258720 CELL  
 30-HESC GSM258770 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GE GSM116358 CELL  
 26-paneth-cells-GE GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-Color-Crypt GSM480375 cel  
 20-Color-Crypt GSM480374 cel  
 19-Color-Vill GSM480363 cel  
 18-Color-Vill GSM480362 cel  
 17-Color-IEC-GE GSM349880 CELL  
 16-Color-IEC-GE GSM350375 CELL  
 15-Ileum-IEC-TGF GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP002001 CELL  
 10-FAE-RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-v-M-cells GSM190794 CELL  
 05-CT-v-M-cells GSM190793 CELL  
 04-PP-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0275\_Uncertain (8 nodes)

395.7  
374.8  
354  
333.2  
312.4  
291.5  
270.7  
249.9  
229.1  
208.2  
187.4  
166.6  
145.8  
124.9  
104.1  
83.8  
62.5  
41.6  
20.8  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-v-M-cells\_GSM190792.CEL  
05-CT-v-M-cells\_GSM190793.CEL  
06-CT-v-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-Gf\_GSM349880.CEL  
17-Colon-VIII\_GSM480362.CEL  
18-Colon-VIII\_GSM480363.CEL  
19-Colon-VIII\_GSM480364.CEL  
20-Colon-Crypt\_GSM480374.CEL  
21-Colon-Crypt\_GSM480375.CEL  
22-Paneth-cells\_GSM318589.CEL  
23-Paneth-cells\_GSM318590.CEL  
24-Paneth-cells\_GSM116359.CEL  
25-Paneth-cells\_GSM116359.CEL  
26-Paneth-cells-Gf-1\_GSM116357.CEL  
27-Paneth-cells-Gf-1\_GSM116357.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258627.CEL  
30-HSC\_GSM258770.CEL  
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33-MEP\_GSM258771.CEL  
34-MEP\_GSM258771.CEL  
35-GMP\_GSM258664.CEL  
36-GMP\_GSM258664.CEL  
37-GMP\_GSM258664.CEL  
38-Granulocytes\_GSM258667.CEL  
39-Granulocytes\_GSM258667.CEL  
40-Mast-cells\_GSM258712.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-Gf\_GSM258713.CEL  
43-Mast-cells-Gf+Ad\_GSM258714.CEL  
44-Mast-cells-Gf+Ad\_GSM258714.CEL  
45-Mast-cells-Gf+Ad\_GSM258718.CEL  
46-NK-cells\_GSM258732.CEL  
47-NK-cells\_GSM258732.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
52-Plasmacytoid-DC\_GSM258650.CEL  
53-Plasmacytoid-DC\_GSM258649.CEL  
54-BMM-GSM258694.CEL  
55-BMM-GSM258694.CEL  
56-BMM-LPS-6h\_GSM258700.CEL  
57-BMM-LPS-6h\_GSM258700.CEL  
58-BMM-LPS-7h\_GSM258702.CEL  
59-BMM-LPS-7h\_GSM258702.CEL  
60-PP-7h\_GSM258706.CEL  
61-PP-7h\_GSM258706.CEL  
62-Microglia\_GSM258721.CEL  
63-Microglia\_GSM258721.CEL  
64-Osteoclasts\_GSM258743.CEL  
65-Osteoclasts\_GSM258744.CEL  
66-Thymocyte-DN\_GSM465595.CEL  
67-T-cells-CD4+\_GSM258773.CEL  
68-T-cells-CD4+\_GSM258773.CEL  
69-T-cells-CD8+\_GSM258774.CEL  
70-T-cells-CD8+\_GSM258774.CEL  
71-Tregs\_GSM258778.CEL  
72-Tregs\_GSM258778.CEL  
73-BAF3\_GSM258620.CEL  
74-BAF3\_GSM258620.CEL  
75-MZ-Bcell\_GSM258621.CEL  
76-MZ-Bcell\_GSM258621.CEL  
77-Follicular-Bcells\_GSM258653.CEL  
78-Follicular-Bcells\_GSM258653.CEL  
79-FLY-RMLNDC002001.CEL  
80-FLY-RMLNDC003001.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481976.CEL  
83-PP-FDC\_GSM481977.CEL  
84-Lymph-endg-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LT cell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465594.CEL  
89-Chondrocytes\_GSM266741.CEL  
90-Chondrocytes\_GSM266741.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258742.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d21\_GSM258738.CEL  
95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258739.CEL  
97-10T12\_GSM258631.CEL  
98-10T12\_GSM258631.CEL  
99-3T3-L1\_GSM258609.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258739.CEL  
102-NH3T3\_GSM258739.CEL  
103-C2C12\_GSM258629.CEL  
104-Bruce4\_GSM258690.CEL  
105-Bruce4\_GSM258690.CEL  
106-Bruce4\_GSM258690.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258767.CEL  
115-Lymph-nodes\_GSM258691.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258692.CEL  
119-Intestine-small\_GSM258692.CEL  
120-Intestine-large\_GSM258675.CEL  
121-Intestine-large\_GSM258676.CEL  
122-Colon-d4\_GSM198101.CEL  
123-Colon-d4\_GSM198101.CEL  
124-Colon-d9\_GSM198103.CEL  
125-Colon-d9\_GSM198103.CEL  
126-NALT\_GSM289408.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289409.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0276\_intestine-related (7 nodes)

1,666.4  
1,578.7  
1,491  
1,403.3  
1,315.6  
1,227.9  
1,140.2  
1,052.5  
964.7  
877  
789.3  
701.6  
613.9  
526.2  
438.5  
350.8  
263.1  
175.4  
87.7  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYE001001.CEL  
 11-FAE-RMPYE002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-IEC-Gf\_GSM349880.CEL  
 18-Colon-Vill-GSM480362.CEL  
 19-Colon-Vill-GSM480363.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1-GSM116357.CEL  
 27-Paneth-cells-Gf-1-GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP-GSM258770.CEL  
 33-MEP-GSM258770.CEL  
 34-MEP-GSM258770.CEL  
 35-MEP-GSM258770.CEL  
 36-GMP-GSM258666.CEL  
 37-GMP-GSM258666.CEL  
 38-GMP-GSM258666.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Granulocytes\_GSM258667.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-Gf-GSM258714.CEL  
 43-Mast-cells-Gf-GSM258714.CEL  
 44-Mast-cells-Gf+Ad-GSM258719.CEL  
 45-Mast-cells-Gf+Ad-GSM258719.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h-GSM258700.CEL  
 57-BMM-LPS-6h-GSM258700.CEL  
 58-BMM-LPS-7h-GSM258702.CEL  
 59-BMM-LPS-7h-GSM258702.CEL  
 60-PP-7h-GSM258706.CEL  
 61-PP-7h-GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258773.CEL  
 69-T-cells-CD8+GSM258776.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258620.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258622.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-F-LY-RMLNDC002001.CEL  
 80-F-LY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481978.CEL  
 82-PP-FDC\_GSM481978.CEL  
 83-PP-FDC\_GSM481978.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465593.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258741.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258737.CEL  
 95-Osteoblast-d21\_GSM258738.CEL  
 96-Osteoblast-d21\_GSM258738.CEL  
 97-10T12\_GSM258632.CEL  
 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258629.CEL  
 105-Bruce4\_GSM258690.CEL  
 106-Bruce4\_GSM258690.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258768.CEL  
 114-Spleen\_GSM258768.CEL  
 115-Neuro2a\_GSM258728.CEL  
 116-Neuro2a\_GSM258728.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Lymph-nodes\_GSM258691.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-small\_GSM258677.CEL  
 121-Intestine-large\_GSM258676.CEL  
 122-Intestine-large\_GSM258676.CEL  
 123-Colon-d4\_GSM198810.CEL  
 124-Colon-d4\_GSM198810.CEL  
 125-Colon-d9\_GSM198810.CEL  
 126-Colon-d9\_GSM198810.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289408.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL

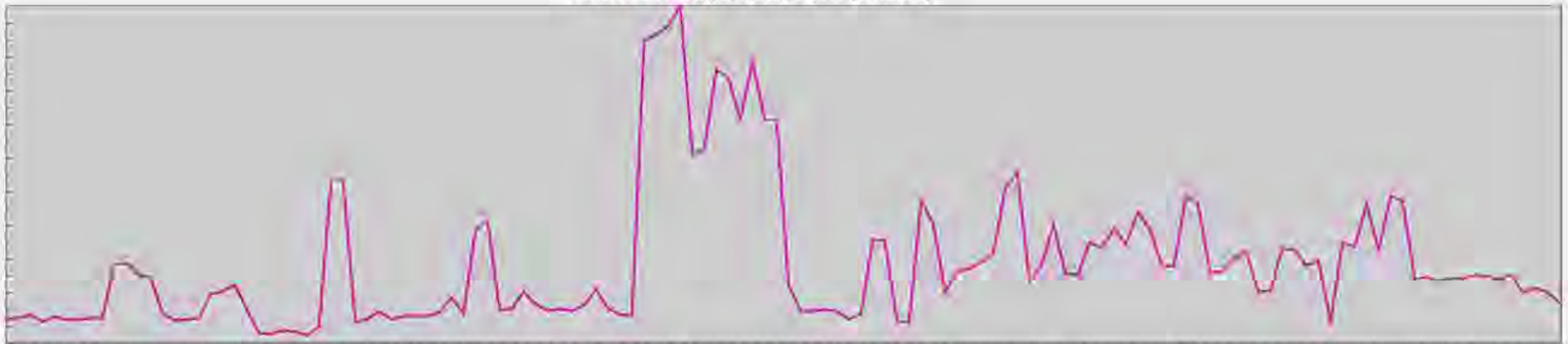






Cluster0278\_High in phagocytes (7 nodes)

3,758  
3,560.2  
3,362.4  
3,164.6  
2,966.8  
2,769  
2,571.2  
2,373.5  
2,175.7  
1,977.9  
1,780.1  
1,582.3  
1,384.5  
1,186.7  
988.9  
791.2  
593.4  
395.6  
197.8  
0

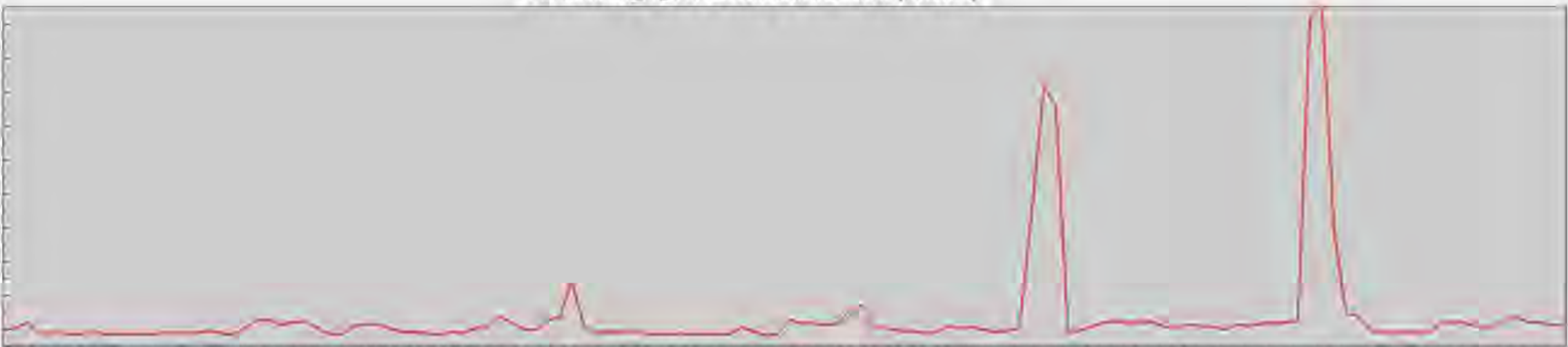


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258666.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-Lymph-endo-cells GSM481977.CEL  
82-Lymph-endo-cells GSM481978.CEL  
81-Lymph-endo-cells GSM481976.CEL  
80-Lymph-endo-cells GSM481977.CEL  
79-Lymph-endo-cells GSM481978.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258665.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258722.CEL  
62-Microglia GSM258721.CEL  
61-PMN-LPS-7h GSM258706.CEL  
60-PMN-LPS-7h GSM258705.CEL  
59-PMN-LPS-6h GSM258702.CEL  
58-PMN-LPS-6h GSM258701.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-MEP GSM258718.CEL  
30-H1hESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116358.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0279\_High in NH cells and min6 cells (7 nodes)

708.8  
671.5  
634.2  
596.9  
559.6  
522.3  
485  
447.6  
410.3  
373  
335.7  
298.4  
261.1  
223.8  
186.5  
149.2  
111.9  
74.6  
37.3  
0

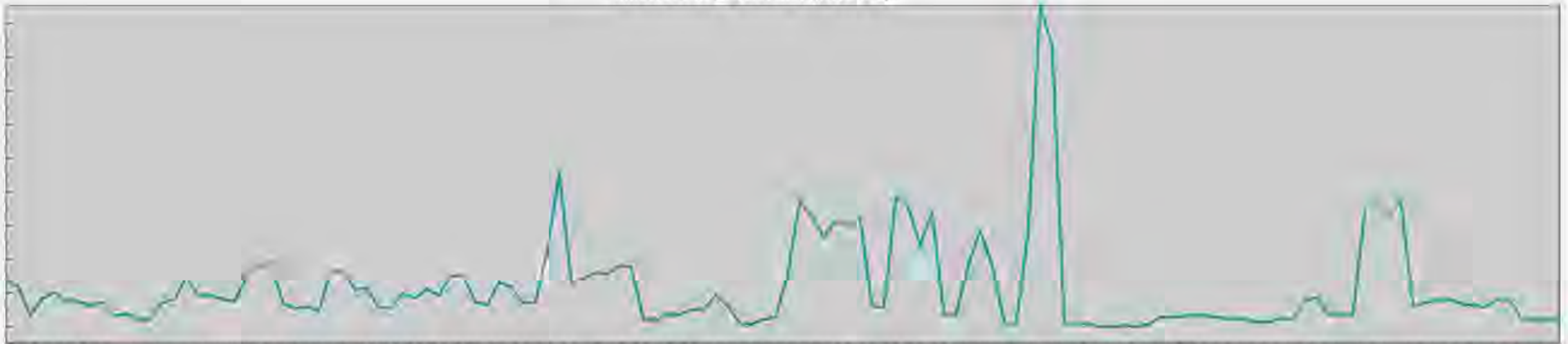


01- PP-M-cells GSM190789.CEL  
 02- PP-M-cells GSM190790.CEL  
 03- PP-M-cells GSM190791.CEL  
 04- CT-v-M-cells GSM190792.CEL  
 05- CT-v-M-cells GSM190793.CEL  
 06- CT-v-M-cells GSM190794.CEL  
 07- Ileum-IEC GSM190795.CEL  
 08- Ileum-IEC GSM190796.CEL  
 09- Ileum-IEC GSM190797.CEL  
 10- FAE-RMPYEP001001.CEL  
 11- FAE-RMPYEP002001.CEL  
 12- Small-intestine-epithelium\_RMINEP001001.CEL  
 13- Small-intestine-epithelium\_RMINEP002001.CEL  
 14- Ileum-IEC GSM350371.CEL  
 15- Ileum-IEC GSM350375.CEL  
 16- Colon-VIII GSM480362.CEL  
 17- Colon-VIII GSM480363.CEL  
 18- Colon-VIII GSM480364.CEL  
 19- Colon-VIII GSM480365.CEL  
 20- Colon-Crypt GSM480374.CEL  
 21- Colon-Crypt GSM480375.CEL  
 22- Paneth-cells GSM318589.CEL  
 23- Paneth-cells GSM318590.CEL  
 24- Paneth-cells GSM116359.CEL  
 25- Paneth-cells GSM116359.CEL  
 26- Paneth-cells-GF-1 GSM116357.CEL  
 27- Paneth-cells-GF-1 GSM116357.CEL  
 28- Bone marrow GSM258627.CEL  
 29- Bone marrow GSM258627.CEL  
 30- HSC GSM258770.CEL  
 31- HSC GSM258770.CEL  
 32- MIEP GSM258771.CEL  
 33- MIEP GSM258771.CEL  
 34- MIEP GSM258854.CEL  
 35- CMP GSM258864.CEL  
 36- CMP GSM258864.CEL  
 37- GMP GSM258866.CEL  
 38- GMP GSM258866.CEL  
 39- Granulocytes GSM258667.CEL  
 40- Mast-cells GSM258712.CEL  
 41- Mast-cells GSM258712.CEL  
 42- Mast-cells-IgE GSM258714.CEL  
 43- Mast-cells-IgE GSM258714.CEL  
 44- Mast-cells-IgE+Ad GSM258718.CEL  
 45- Mast-cells-IgE+Ad GSM258718.CEL  
 46- NK-cells GSM258731.CEL  
 47- NK-cells GSM258731.CEL  
 48- CD8a+DC GSM258646.CEL  
 49- CD8a+DC GSM258646.CEL  
 50- CD8a-DC GSM258647.CEL  
 51- CD8a-DC GSM258647.CEL  
 52- Plasmacytoid-DC GSM258650.CEL  
 53- Plasmacytoid-DC GSM258650.CEL  
 54- BMM GSM258694.CEL  
 55- BMM GSM258694.CEL  
 56- BMM-LPS-6h GSM258699.CEL  
 57- BMM-LPS-6h GSM258699.CEL  
 58- PMM-LPS-7h GSM258702.CEL  
 59- PMM-LPS-7h GSM258702.CEL  
 60- PMM-LPS-7h GSM258706.CEL  
 61- PMM-LPS-7h GSM258706.CEL  
 62- Microglia GSM258721.CEL  
 63- Microglia GSM258721.CEL  
 64- Osteoclasts GSM258743.CEL  
 65- Osteoclasts GSM258744.CEL  
 66- Thymocyte-DN GSM465595.CEL  
 67- T-cells-CD4+ GSM258773.CEL  
 68- T-cells-CD4+ GSM258773.CEL  
 69- T-cells-CD8+ GSM258776.CEL  
 70- T-cells-CD8+ GSM258776.CEL  
 71- Tregs GSM258778.CEL  
 72- Tregs GSM258778.CEL  
 73- BAF3 GSM258819.CEL  
 74- BAF3 GSM258820.CEL  
 75- MZ-Bcell GSM258821.CEL  
 76- MZ-Bcell GSM258821.CEL  
 77- Follicular-B-cells GSM258853.CEL  
 78- Follicular-B-cells GSM258853.CEL  
 79- E-L-RMLNDC002001.CEL  
 80- E-L-RMLNDC003001.CEL  
 81- PP-FDC GSM481976.CEL  
 82- PP-FDC GSM481976.CEL  
 83- PP-FDC GSM481977.CEL  
 84- Lymph-endo-cells GSM143704.CEL  
 85- MS-1 GSM234692.CEL  
 86- Tt cell GSM465596.CEL  
 87- Nat Helper cell GSM465594.CEL  
 88- Nat Helper cell GSM465594.CEL  
 89- Chondrocytes GSM266741.CEL  
 90- Chondrocytes GSM266741.CEL  
 91- Osteoblast-d5 GSM258741.CEL  
 92- Osteoblast-d5 GSM258742.CEL  
 93- Osteoblast-d14 GSM258737.CEL  
 94- Osteoblast-d14 GSM258738.CEL  
 95- Osteoblast-d21 GSM258740.CEL  
 96- Osteoblast-d21 GSM258739.CEL  
 97- 10T12 GSM258631.CEL  
 98- 10T12 GSM258632.CEL  
 99- 3T3-L1 GSM258609.CEL  
 100- 3T3-L1 GSM258610.CEL  
 101- NIH3T3 GSM258739.CEL  
 102- NIH3T3 GSM258739.CEL  
 103- C2C12 GSM258829.CEL  
 104- C2C12 GSM258830.CEL  
 105- Bruce4 GSM258856.CEL  
 106- Bruce4 GSM258856.CEL  
 107- MIMCD3 GSM258723.CEL  
 108- MIMCD3 GSM258723.CEL  
 109- min6 GSM258725.CEL  
 110- min6 GSM258725.CEL  
 111- Astrocytes GSM241898.CEL  
 112- Astrocytes GSM241898.CEL  
 113- Neuro2a GSM258728.CEL  
 114- Spleen GSM258767.CEL  
 115- Spleen GSM258768.CEL  
 116- Lymph-nodes GSM258691.CEL  
 117- Lymph-nodes GSM258691.CEL  
 118- Intestine-small GSM258692.CEL  
 119- Intestine-small GSM258692.CEL  
 120- Intestine-large GSM258675.CEL  
 121- Intestine-large GSM258675.CEL  
 122- Colon-d4 GSM198101.CEL  
 123- Colon-d4 GSM198101.CEL  
 124- Colon-d9 GSM198103.CEL  
 125- Colon-d9 GSM198103.CEL  
 126- Colon-d9 GSM198104.CEL  
 127- NALT GSM289408.CEL  
 128- NALT GSM289409.CEL  
 129- NALT GSM289410.CEL  
 130- NALT GSM289411.CEL



Cluster0280\_Uncertain (7 nodes)

424.1  
401.8  
379.5  
357.1  
334.8  
312.5  
290.2  
267.9  
245.5  
223.2  
200.9  
178.6  
156.2  
133.9  
111.6  
89.3  
67  
44.6  
22.3  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY RMLNDCC003001.CEL  
79-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258744.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-MM-LPS-7h GSM258706.CEL  
60-MM-LPS-7h GSM258705.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258701.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258694.CEL  
54-Plasmacytoid-DC GSM258650.CEL  
53-Plasmacytoid-DC GSM258649.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a+DC GSM258646.CEL  
49-CD8a+DC GSM258646.CEL  
48-NK-cells GSM258732.CEL  
47-NK-cells GSM258731.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-w-M-cells GSM190794.CEL  
05-CT-w-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0281\_Uncertain (7 nodes)

784.1  
742.8  
701.6  
660.3  
619  
577.8  
536.5  
495.2  
454  
412.7  
371.4  
330.1  
288.9  
247.6  
206.3  
165.1  
123.8  
82.5  
41.3  
0



130-NAL1 GSM289411.CEL  
129-NAL2 GSM289410.CEL  
128-NAL3 GSM289409.CEL  
127-NAL4 GSM289408.CEL  
126-NAL5 GSM1988105.CEL  
125-NAL6 GSM1988104.CEL  
124-NAL7 GSM1988103.CEL  
123-NAL8 GSM1988102.CEL  
122-NAL9 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-F-LY RMLNDCC003001.CEL  
79-F-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-PM-M-7h GSM258706.CEL  
61-PM-M-7h GSM258706.CEL  
60-PM-M-LPS-7h GSM268705.CEL  
59-PM-M-LPS-7h GSM268702.CEL  
58-PM-M-LPS-6h GSM258701.CEL  
57-PM-M-LPS-6h GSM258700.CEL  
56-PM-M-LPS-6h GSM258699.CEL  
55-BMM-GSM258694.CEL  
54-BMM-GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-MEP GSM258720.CEL  
33-MEP GSM258719.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116358.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0282\_High in microglia (7 nodes)

11,605.6  
10,994.7  
10,383.9  
9,773.1  
9,162.3  
8,551.5  
7,940.6  
7,329.8  
6,719  
6,108.2  
5,497.4  
4,886.6  
4,275.7  
3,664.9  
3,054.1  
2,443.3  
1,832.5  
1,221.6  
610.8  
0



30-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988104 CELL  
124-Color-d9 GSM1988103 CELL  
123-Color-d4 GSM1988102 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258677 CELL  
118-Intestine-small GSM258692 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Spleen GSM258766 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258768 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258729 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T1/2 GSM258632 CELL  
97-10T1/2 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-B-cells GSM258664 CELL  
77-Follicular-B-cells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Microglia GSM258727 CELL  
63-Microglia GSM258727 CELL  
62-MM-PS-7h GSM258705 CELL  
61-MM-PS-7h GSM258705 CELL  
60-MM-PS-6h GSM258702 CELL  
59-MM-PS-6h GSM258701 CELL  
58-MM-LPS-6h GSM258699 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258694 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-Ismacryoid-DC GSM258650 CELL  
53-Ismacryoid-DC GSM258649 CELL  
52-CD8a-DC GSM258648 CELL  
51-CD8a-DC GSM258647 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258718 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258667 CELL  
39-Granulocytes GSM258667 CELL  
38-MP GSM258666 CELL  
37-MP GSM258665 CELL  
36-MP GSM258665 CELL  
35-MP GSM258642 CELL  
34-MP GSM258641 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM480375 CELL  
20-Colon-Crypt GSM480374 CELL  
19-Colon-Vill GSM480363 CELL  
18-Colon-Vill GSM480362 CELL  
17-Colon-IEC-Gf GSM349880 CELL  
16-Colon-IEC-Gf GSM350375 CELL  
15-Ileum-IEC-Gf GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP001001 CELL  
10-FAE-RMPYEP001001 CELL  
9-Ileum-IEC GSM190797 CELL  
8-Ileum-IEC GSM190796 CELL  
7-Ileum-IEC GSM190795 CELL  
6-CT-w-M-cells GSM190794 CELL  
5-CT-w-M-cells GSM190793 CELL  
4-CT-y-M-cells GSM190792 CELL  
3-PP-M-cells GSM190791 CELL  
2-PP-M-cells GSM190790 CELL  
1-PP-M-cells GSM190789 CELL



Cluster0283\_Uncertain-low in many (7 nodes)

121.8  
115.4  
109  
102.6  
96.2  
89.7  
83.3  
76.9  
70.5  
64.1  
57.7  
51.3  
44.9  
38.5  
32.1  
25.6  
19.2  
12.8  
6.4  
0

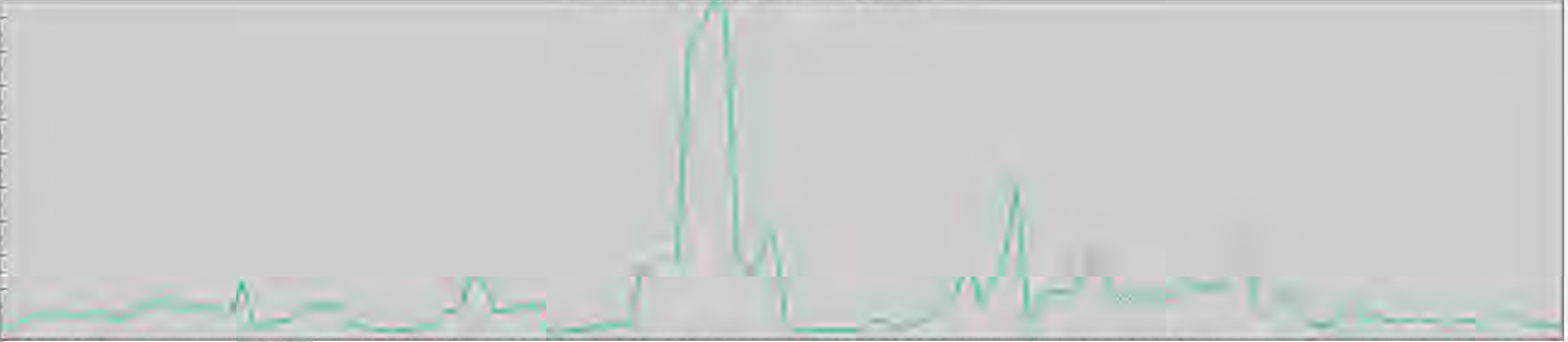


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258631.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258664.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM268706.CEL  
60-PM-M-PS-7h GSM268706.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258702.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258720.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116350.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318589.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0284\_Phagocyte-related (7 nodes)

1,998  
1,892.9  
1,787.7  
1,682.6  
1,577.4  
1,472.2  
1,367.1  
1,261.9  
1,156.8  
1,051.6  
946.4  
841.3  
736.1  
631  
525.8  
420.6  
315.5  
210.3  
105.2  
0



130- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 128- NALT GSM289409 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258678 CELL  
 118- Intestine-small GSM258677 CELL  
 117- Lymph-nodes GSM258691 CELL  
 116- Lymph-nodes GSM258692 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258767 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258728 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258726 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258724 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258656 CELL  
 105- Bruce4 GSM258656 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258689 CELL  
 102- NIH3T3 GSM258730 CELL  
 101- NIH3T3 GSM258729 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T1/2 GSM258632 CELL  
 97- 10T1/2 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Chondrocytes GSM266740 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- T cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- P-P-FDC GSM481977 CELL  
 82- P-P-FDC GSM481976 CELL  
 81- P-P-FDC GSM481976 CELL  
 80- F-L-Y RMLNDCC003001 CELL  
 79- F-L-Y RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258627 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258774 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- T-cells-CD4+ GSM258744 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- PMM-7h GSM258706 CELL  
 61- PMM-7h GSM258706 CELL  
 60- PMM-LPS-7h GSM258702 CELL  
 59- PMM-LPS-6h GSM258701 CELL  
 58- PMM-LPS-6h GSM258700 CELL  
 57- BM-PS-6h GSM258699 CELL  
 56- BM-LPS-6h GSM258699 CELL  
 55- BM-LPS-6h GSM258699 CELL  
 54- BM-LPS-6h GSM258699 CELL  
 53- Plasmacytoid-DC GSM258650 CELL  
 52- CD8a-DC GSM258648 CELL  
 51- CD8a-DC GSM258647 CELL  
 50- CD8a-DC GSM258647 CELL  
 49- CD8a+DC GSM258646 CELL  
 48- CD8a+DC GSM258646 CELL  
 47- NK-cells GSM258732 CELL  
 46- NK-cells GSM258731 CELL  
 45- Mast-cells-IgE+Ad GSM258718 CELL  
 44- Mast-cells-IgE+Ad GSM258717 CELL  
 43- Mast-cells-IgE GSM258714 CELL  
 42- Mast-cells-IgE GSM258713 CELL  
 41- Mast-cells GSM258712 CELL  
 40- Granulocytes GSM258668 CELL  
 39- Granulocytes GSM258667 CELL  
 38- GMF GSM258666 CELL  
 37- GMF GSM258666 CELL  
 36- GMF GSM258666 CELL  
 35- CMP GSM258642 CELL  
 34- CMP GSM258641 CELL  
 33- MIEP GSM258720 CELL  
 32- MIEP GSM258719 CELL  
 31- HESC GSM258770 CELL  
 30- HESC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116357 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116350 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318589 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002001 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP002001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- CT-v-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190790 CELL  
 02- PP-M-cells GSM190789 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0285\_House keeping-cell cycle (7 nodes)

184.2  
174.5  
164.8  
155.1  
145.4  
135.7  
126  
116.3  
106.6  
96.9  
87.2  
77.6  
67.9  
58.2  
48.5  
38.8  
29.1  
19.4  
9.7  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mimb GSM258725.CEL  
109-mimb GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-TT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-L Y RMLNDCC003001.CEL  
79-L Y RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Microglia GSM258727.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM258706.CEL  
61-MM-LPS-7h GSM258705.CEL  
60-MM-LPS-6h GSM258702.CEL  
59-MM-LPS-6h GSM258701.CEL  
58-MM-LPS-6h GSM258699.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258694.CEL  
55-Plasmacytoid-DC GSM258650.CEL  
54-Plasmacytoid-DC GSM258649.CEL  
53-CD8a-DC GSM258647.CEL  
52-CD8a-DC GSM258647.CEL  
51-CD8a+DC GSM258646.CEL  
50-CD8a+DC GSM258646.CEL  
49-NK-cells GSM258732.CEL  
48-NK-cells GSM258731.CEL  
47-NK-cells GSM258731.CEL  
46-Mast-cells-IgE+Ad GSM258719.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE GSM258714.CEL  
43-Mast-cells-IgE GSM258713.CEL  
42-Mast-cells-IgE GSM258712.CEL  
41-Mast-cells-IgE GSM258711.CEL  
40-Granulocytes GSM258667.CEL  
39-Granulocytes GSM258666.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258666.CEL  
35-GMP GSM258666.CEL  
34-MEP GSM2588720.CEL  
33-MEP GSM2588720.CEL  
32-MEP GSM2588720.CEL  
31-HSC GSM2588770.CEL  
30-HSC GSM2588770.CEL  
29-Bone marrow GSM2588628.CEL  
28-Bone marrow GSM2588627.CEL  
27-paneth-cells-GF-1 GSM116358.CEL  
26-paneth-cells-GF-1 GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002901.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL







Cluster0287\_House keeping (7 nodes)

4,329.8  
4,101.9  
3,874  
3,646.2  
3,418.3  
3,190.4  
2,962.5  
2,734.6  
2,506.7  
2,278.9  
2,051  
1,823.1  
1,595.2  
1,367.3  
1,139.4  
911.5  
683.7  
455.8  
227.9  
0

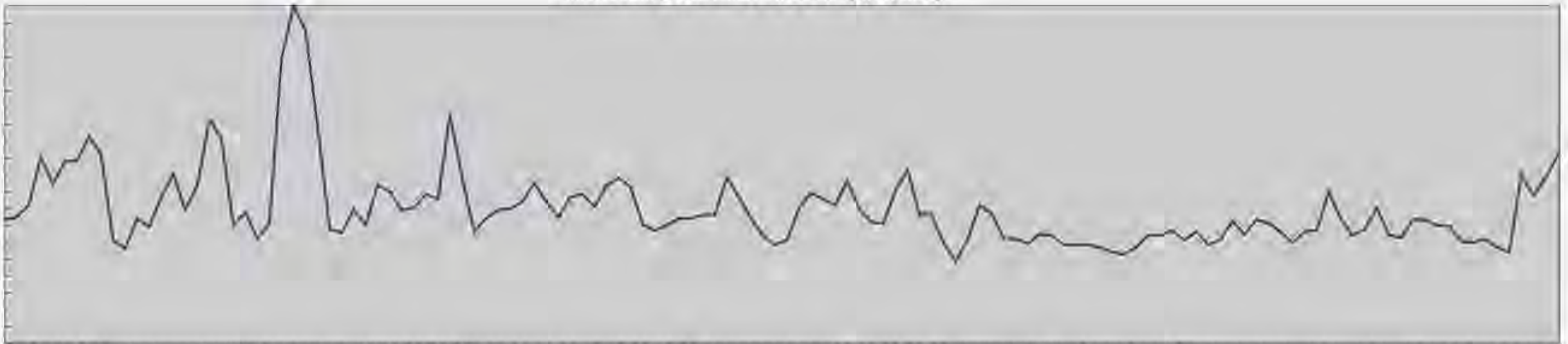


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258656.CEL  
106-Bruce4 GSM258655.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-FLY RMLNDCC003001.CEL  
79-FLY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-PM-M-7h GSM258706.CEL  
61-PM-M-7h GSM258705.CEL  
60-PM-M-LPS-7h GSM258702.CEL  
59-PM-M-LPS-7h GSM258701.CEL  
58-BMM-LPS-6h GSM258700.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258694.CEL  
54-BMM-LPS-6h GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116358.CEL  
26-Paneth-cells-GF-1 GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Column-Crypt GSM480375.CEL  
20-Column-Crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP001001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0288\_Uncertain-low in many (7 nodes)

148.9  
141.1  
133.3  
125.4  
117.6  
109.7  
101.9  
94.1  
86.2  
78.4  
70.6  
62.7  
54.9  
47  
39.2  
31.4  
23.5  
15.7  
7.8  
0

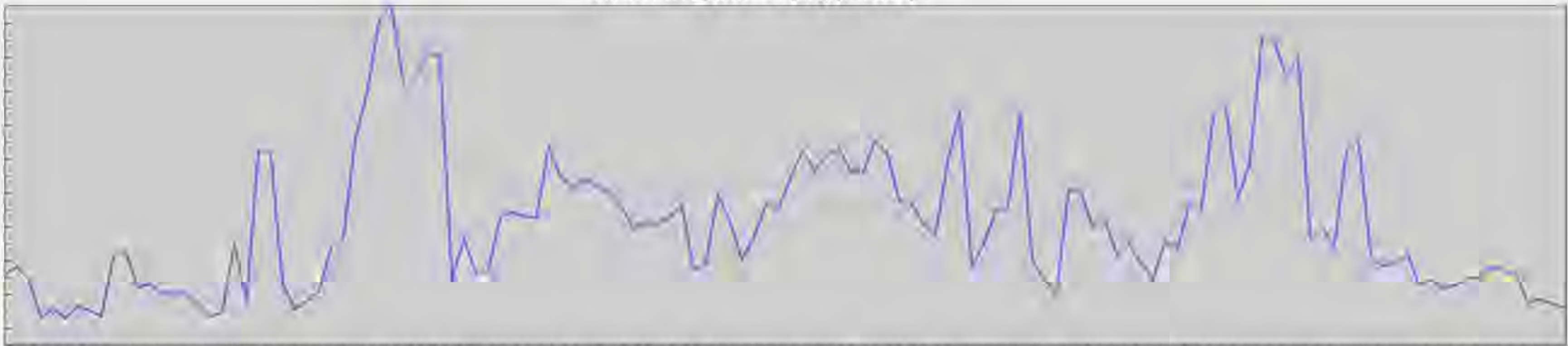


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY RMLNDCC003001.CEL  
79-LY RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258627.CEL  
75-MZ-Bcell GSM258627.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Microglia GSM258721.CEL  
63-Microglia GSM258721.CEL  
62-MM-LPS-7h GSM268706.CEL  
61-MM-LPS-7h GSM268706.CEL  
60-MM-LPS-7h GSM268705.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258702.CEL  
57-MM-LPS-6h GSM258700.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258699.CEL  
54-BM258694.CEL  
53-BM258694.CEL  
52-Plasmacytoid-DC GSM258650.CEL  
51-CD8a-DC GSM258649.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258732.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-MP GSM258666.CEL  
37-MP GSM258666.CEL  
36-MP GSM258666.CEL  
35-MP GSM258642.CEL  
34-MEP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258720.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GE GSM116358.CEL  
26-Paneth-cells-GE GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-w-M-cells GSM190794.CEL  
05-CT-w-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0289\_House keeping (7 nodes)

506.5  
479.9  
453.2  
426.5  
399.9  
373.2  
346.6  
319.9  
293.2  
266.6  
239.9  
213.3  
186.6  
160  
133.3  
106.6  
80  
53.3  
26.7  
0



130-NALT-GSM289411.CEL  
129-NALT-GSM289410.CEL  
128-NALT-GSM289409.CEL  
127-NALT-GSM289408.CEL  
126-Colon-d9-GSM1988105.CEL  
125-Colon-d9-GSM1988104.CEL  
124-Colon-d9-GSM1988103.CEL  
123-Colon-d4-GSM1988102.CEL  
122-Colon-d4-GSM1988101.CEL  
121-Intestine-large-GSM258676.CEL  
120-Intestine-large-GSM258675.CEL  
119-Intestine-small-GSM258678.CEL  
118-Intestine-small-GSM258692.CEL  
117-Lymph-nodes-GSM258691.CEL  
116-Lymph-nodes-GSM258726.CEL  
115-Spleen-GSM258767.CEL  
114-Spleen-GSM258767.CEL  
113-Neuro2a-GSM258728.CEL  
112-Neuro2a-GSM241898.CEL  
111-Astrocytes-GSM241898.CEL  
110-mim6-GSM258725.CEL  
109-mim6-GSM258725.CEL  
108-MIMCD3-GSM258724.CEL  
107-MIMCD3-GSM258723.CEL  
106-Bruce4-GSM258656.CEL  
105-Bruce4-GSM258656.CEL  
104-C2C12-GSM258690.CEL  
103-C2C12-GSM258629.CEL  
102-NH3T3-GSM258739.CEL  
101-NH3T3-GSM258739.CEL  
100-3T3-L1-GSM258610.CEL  
99-3T3-L1-GSM258609.CEL  
98-10T12-GSM258631.CEL  
97-10T12-GSM258631.CEL  
96-Osteoblast-d21-GSM258740.CEL  
95-Osteoblast-d21-GSM258739.CEL  
94-Osteoblast-d14-GSM258738.CEL  
93-Osteoblast-d14-GSM258737.CEL  
92-Osteoblast-d5-GSM258742.CEL  
91-Osteoblast-d5-GSM258741.CEL  
90-Chondrocytes-GSM266741.CEL  
89-Chondrocytes-GSM266740.CEL  
88-Nat Helper cell-GSM465594.CEL  
87-Nat Helper cell-GSM465593.CEL  
86-LT cell-GSM465596.CEL  
85-MS-1-GSM234692.CEL  
84-Lymph-endo-cells-GSM143704.CEL  
83-PP-FDC-GSM481977.CEL  
82-PP-FDC-GSM481978.CEL  
81-PP-FDC-GSM481976.CEL  
80-F-LY-RMLNDCC003001.CEL  
79-F-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells-GSM258664.CEL  
77-Follicular-Bcells-GSM258663.CEL  
76-MZ-Bcell-GSM258622.CEL  
75-MZ-Bcell-GSM258621.CEL  
74-BAF3-GSM258620.CEL  
73-BAF3-GSM258619.CEL  
72-Tregs-GSM258778.CEL  
71-Tregs-GSM258777.CEL  
70-T-cells-CD8+-GSM258776.CEL  
69-T-cells-CD8+-GSM258775.CEL  
68-T-cells-CD4+-GSM258774.CEL  
67-T-cells-CD4+-GSM258773.CEL  
66-Thymocyte-DN-GSM465595.CEL  
65-Osteoclasts-GSM258744.CEL  
64-Microglia-GSM258721.CEL  
63-Microglia-GSM258721.CEL  
62-MM-LPS-7h-GSM258706.CEL  
61-MM-LPS-7h-GSM258706.CEL  
60-MM-LPS-7h-GSM258705.CEL  
59-MM-LPS-6h-GSM258702.CEL  
58-MM-LPS-6h-GSM258702.CEL  
57-MM-LPS-6h-GSM258700.CEL  
56-MM-LPS-6h-GSM258699.CEL  
55-MM-LPS-6h-GSM258699.CEL  
54-BM1-GSM258694.CEL  
53-BM1-GSM258694.CEL  
52-Plasmacytoid-DC-GSM258650.CEL  
51-CD8a-DC-GSM258648.CEL  
50-CD8a-DC-GSM258647.CEL  
49-CD8a+DC-GSM258646.CEL  
48-CD8a+DC-GSM258645.CEL  
47-NK-cells-GSM258732.CEL  
46-NK-cells-GSM258732.CEL  
45-Mast-cells-IgE+Ad-GSM258718.CEL  
44-Mast-cells-IgE+Ad-GSM258717.CEL  
43-Mast-cells-IgE-GSM258714.CEL  
42-Mast-cells-IgE-GSM258713.CEL  
41-Mast-cells-GSM258712.CEL  
40-Granulocytes-GSM258668.CEL  
39-Granulocytes-GSM258667.CEL  
38-GMP-GSM258666.CEL  
37-GMP-GSM258666.CEL  
36-GMP-GSM258665.CEL  
35-GMP-GSM258642.CEL  
34-MEP-GSM2588720.CEL  
33-MEP-GSM2588720.CEL  
32-MEP-GSM258770.CEL  
31-HSC-GSM258770.CEL  
30-Bone marrow-GSM258628.CEL  
29-Bone marrow-GSM258627.CEL  
28-Paneth-cells-GF-GSM116358.CEL  
27-Paneth-cells-GF-GSM116357.CEL  
26-Paneth-cells-GF-GSM116350.CEL  
25-Paneth-cells-GSM116350.CEL  
24-Paneth-cells-GSM116359.CEL  
23-Paneth-cells-GSM318589.CEL  
22-Paneth-cells-GSM318590.CEL  
21-Colon-Crypt-GSM480375.CEL  
20-Colon-Crypt-GSM480374.CEL  
19-Colon-Vill-GSM480363.CEL  
18-Colon-Vill-GSM480362.CEL  
17-Colon-IEC-GF-GSM349880.CEL  
16-Colon-IEC-GF-GSM350375.CEL  
15-Ileum-IEC-GF-GSM350376.CEL  
14-Ileum-IEC-GSM350371.CEL  
13-Small-intestine-epithelium-RMINEP002001.CEL  
12-Small-intestine-epithelium-RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC-GSM190797.CEL  
08-Ileum-IEC-GSM190796.CEL  
07-Ileum-IEC-GSM190795.CEL  
06-CT-v-M-cells-GSM190794.CEL  
05-CT-v-M-cells-GSM190793.CEL  
04-CT-v-M-cells-GSM190792.CEL  
03-PP-M-cells-GSM190791.CEL  
02-PP-M-cells-GSM190790.CEL  
01-PP-M-cells-GSM190789.CEL



Cluster0290\_High in mast cells and NH cells (7 nodes)

2,725.3  
2,581.8  
2,438.4  
2,295  
2,151.5  
2,008.1  
1,864.7  
1,721.2  
1,577.8  
1,434.4  
1,290.9  
1,147.5  
1,004  
860.8  
717.2  
573.7  
430.3  
286.9  
143.4  
0

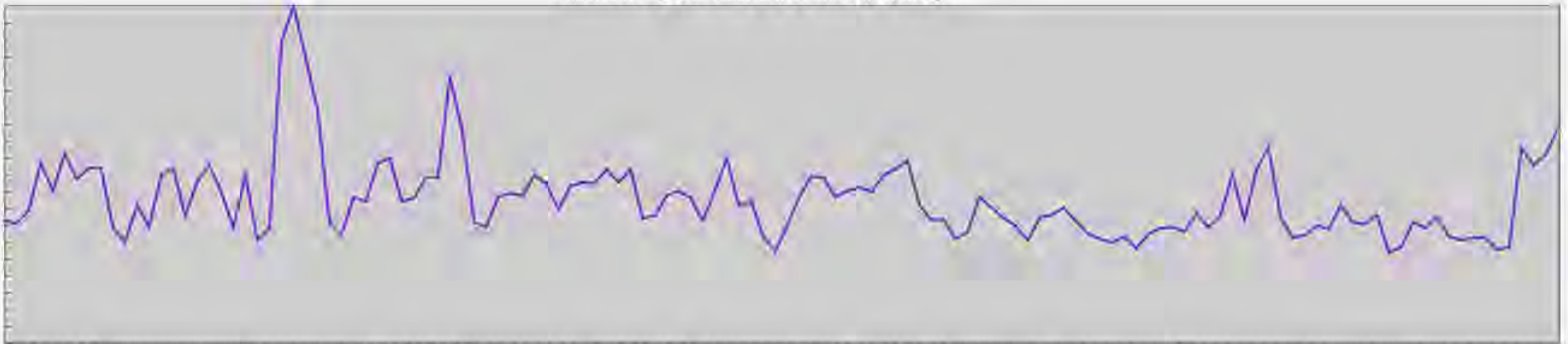


130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-Colon-d9 GSM1988105 CEL  
125-Colon-d9 GSM1988103 CEL  
124-Colon-d9 GSM1988102 CEL  
123-Colon-d4 GSM1988101 CEL  
122-Colon-d4 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258677 CEL  
118-Intestine-small GSM258692 CEL  
117-Lymph-nodes GSM258691 CEL  
116-Lymph-nodes GSM258726 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258767 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258665 CEL  
105-Bruce4 GSM258665 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258629 CEL  
102-NH3T3 GSM258730 CEL  
101-NH3T3 GSM258729 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-P-FDC GSM481977 CEL  
82-P-FDC GSM481978 CEL  
81-P-FDC GSM481976 CEL  
80-F-L-Y RMLNDCC003001 CEL  
79-F-L-Y RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258622 CEL  
75-MZ-Bcell GSM258621 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258744 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-MM-PS-7h GSM258706 CEL  
60-MM-PS-7h GSM258706 CEL  
59-MM-PS-6h GSM258702 CEL  
58-MM-PS-6h GSM258702 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258699 CEL  
55-MM-LPS-6h GSM258694 CEL  
54-MM-LPS-6h GSM258694 CEL  
53-Plasmacytoid-DC GSM258650 CEL  
52-Plasmacytoid-DC GSM258649 CEL  
51-CD8a-DC GSM258648 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258731 CEL  
45-Mast-cells-IgE+Ad GSM258718 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258668 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258666 CEL  
36-GMP GSM258665 CEL  
35-CMP GSM258642 CEL  
34-CMP GSM258642 CEL  
33-MEP GSM258720 CEL  
32-MEP GSM258719 CEL  
31-HESC GSM258770 CEL  
30-HESC GSM258769 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-paneth-cells GSM318590 CEL  
20-Colon-Crypt GSM480375 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-Gf GSM349880 CEL  
16-Colon-IEC-Gf GSM350375 CEL  
15-Ileum-IEC-Gf GSM350376 CEL  
14-Ileum-IEC GSM350371 CEL  
13-Small-intestine-epithelium RMINEP002901 CEL  
12-Small-intestine-epithelium RMINEP001001 CEL  
11-FAE-RMPYEP002001 CEL  
10-FAE-RMPYEP001001 CEL  
09-Ileum-IEC GSM190797 CEL  
08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-v-M-cells GSM190794 CEL  
05-CT-v-M-cells GSM190793 CEL  
04-CT-v-M-cells GSM190792 CEL  
03-PP-M-cells GSM190791 CEL  
02-PP-M-cells GSM190790 CEL  
01-PP-M-cells GSM190789 CEL



Cluster0291\_Uncertain-low in many (7 nodes)

123.3  
116.8  
110.3  
103.8  
97.3  
90.8  
84.4  
77.9  
71.4  
64.9  
58.4  
51.9  
45.4  
38.9  
32.4  
26  
19.5  
13  
6.5  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
99-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-FLY RMLNDC002001.CEL  
79-FLY RMLNDC002001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258744.CEL  
64-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7d GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-BMM-PS-6h GSM258699.CEL  
56-BMM-PS-6h GSM258699.CEL  
55-BMM-PS-6h GSM258699.CEL  
54-BMM GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258664.CEL  
34-CMP GSM258642.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GE GSM116358.CEL  
26-Paneth-cells-GE GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL







Cluster0293\_House keeping (7 nodes)

13,695  
12,974.2  
12,253.4  
11,532.6  
10,811.8  
10,091  
9,370.3  
8,649.5  
7,928.7  
7,207.9  
6,487.1  
5,766.3  
5,045.5  
4,324.7  
3,603.9  
2,883.2  
2,162.4  
1,441.6  
720.8  
0



130	NALT	GSM289411	CEL
129	NALT	GSM289410	CEL
128	NALT	GSM289409	CEL
127	NALT	GSM289408	CEL
126	Colon-d9	GSM1988105	CEL
125	Colon-d9	GSM1988104	CEL
124	Colon-d9	GSM1988103	CEL
123	Colon-d4	GSM1988102	CEL
122	Colon-d4	GSM1988101	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258678	CEL
118	Intestine-small	GSM258692	CEL
117	Lymph-nodes	GSM258691	CEL
116	Lymph-nodes	GSM258679	CEL
115	Spleen	GSM258677	CEL
114	Spleen	GSM258676	CEL
113	Neuro2a	GSM258728	CEL
112	Neuro2a	GSM258727	CEL
111	Astrocytes	GSM241898	CEL
110	mim6	GSM258726	CEL
109	mim6	GSM258725	CEL
108	MIMCD3	GSM258724	CEL
107	MIMCD3	GSM258723	CEL
106	Bruce4	GSM258656	CEL
105	Bruce4	GSM258655	CEL
104	C2C12	GSM258690	CEL
103	C2C12	GSM258689	CEL
102	NH3T3	GSM258730	CEL
101	NH3T3	GSM258729	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T12	GSM258632	CEL
97	10T12	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	PP-FDC	GSM481975	CEL
79	F-LY	RMLNDC002001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258627	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	T-cells-CD8+	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD8+	GSM258775	CEL
68	T-cells-CD4+	GSM258774	CEL
67	T-cells-CD4+	GSM258773	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258744	CEL
64	Osteoclasts	GSM258743	CEL
63	Microglia	GSM258721	CEL
62	Microglia	GSM258720	CEL
61	PM-M-PS-7h	GSM268706	CEL
60	PM-M-PS-7h	GSM268705	CEL
59	PM-M-PS-6h	GSM258702	CEL
58	PM-M-PS-6h	GSM258701	CEL
57	PM-M-PS-6h	GSM258699	CEL
56	PM-M-PS-6h	GSM258698	CEL
55	PM-M-PS-6h	GSM258697	CEL
54	PM-M-PS-6h	GSM258696	CEL
53	PM-M-PS-6h	GSM258695	CEL
52	PM-M-PS-6h	GSM258694	CEL
51	PM-M-PS-6h	GSM258693	CEL
50	PM-M-PS-6h	GSM258692	CEL
49	CD8a+DC	GSM258646	CEL
48	CD8a+DC	GSM258645	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258718	CEL
44	Mast-cells-IgE+Ad	GSM258717	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Mast-cells	GSM258711	CEL
39	Granulocytes	GSM258668	CEL
38	Granulocytes	GSM258667	CEL
37	GMP	GSM258666	CEL
36	GMP	GSM258665	CEL
35	GMP	GSM258664	CEL
34	GMP	GSM258663	CEL
33	GMP	GSM258662	CEL
32	GMP	GSM258661	CEL
31	MEP	GSM258720	CEL
30	MEP	GSM258719	CEL
29	HSC	GSM258770	CEL
28	Bone marrow	GSM258628	CEL
27	Bone marrow	GSM258627	CEL
26	paneth-cells-GF-1	GSM116357	CEL
25	paneth-cells-GF-1	GSM116356	CEL
24	paneth-cells-GF-1	GSM116355	CEL
23	paneth-cells-GF-1	GSM116354	CEL
22	paneth-cells-GF-1	GSM116353	CEL
21	paneth-cells-GF-1	GSM116352	CEL
20	Colon-Crypt	GSM480374	cel
19	Colon-Vill	GSM480363	cel
18	Colon-Vill	GSM480362	cel
17	Colon-IEC-GF	GSM349880	CEL
16	Colon-IEC-GF	GSM350375	CEL
15	ileum-IEC	GSM350376	CEL
14	ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP002001	CEL
10	FAE	RMPYEP001001	CEL
09	ileum-IEC	GSM190797	CEL
08	ileum-IEC	GSM190796	CEL
07	ileum-IEC	GSM190795	CEL
06	CT-v-M-cells	GSM190794	CEL
05	CT-v-M-cells	GSM190793	CEL
04	PP-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL

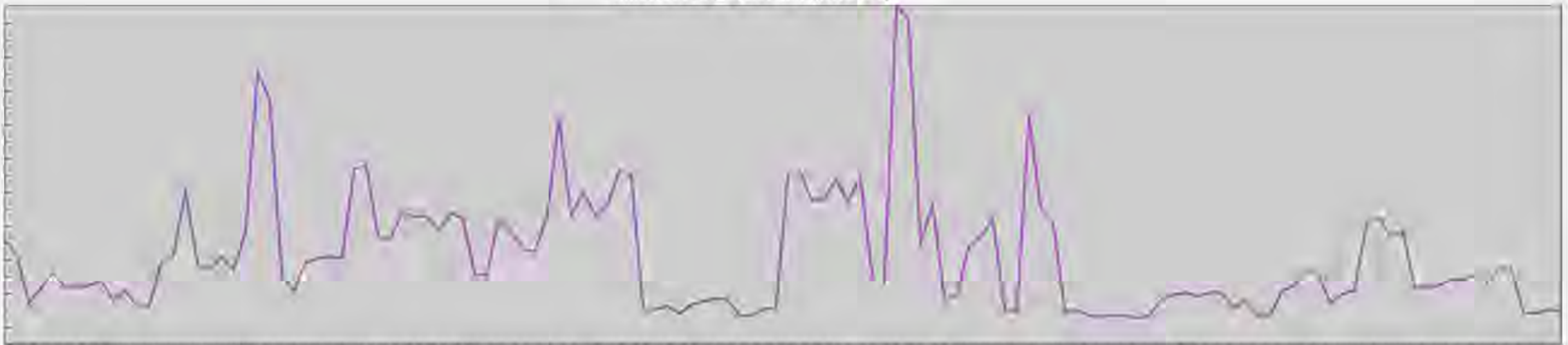






Cluster0295\_Uncertain (7 nodes)

197.1  
186.7  
176.4  
166  
155.6  
145.2  
134.9  
124.5  
114.1  
103.7  
93.4  
83  
72.6  
62.2  
51.9  
41.5  
31.1  
20.7  
10.4  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-v-M-cells\_GSM190792.CEL  
05-CT-v-M-cells\_GSM190793.CEL  
06-CT-v-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Ileum-IEC\_GSM350375.CEL  
16-Colon-IEC-GF\_GSM349880.CEL  
17-Colon-VIII\_GSM480362.CEL  
18-Colon-VIII\_GSM480363.CEL  
19-Colon-Crypt\_GSM480374.CEL  
20-Colon-Crypt\_GSM480375.CEL  
21-Colon-Crypt\_GSM480376.CEL  
22-Paneth-cells\_GSM318589.CEL  
23-Paneth-cells\_GSM318590.CEL  
24-Paneth-cells\_GSM116350.CEL  
25-Paneth-cells\_GSM116351.CEL  
26-Paneth-cells-GF-1\_GSM116357.CEL  
27-Paneth-cells-GF-1\_GSM116358.CEL  
28-Bone marrow\_GSM258627.CEL  
29-Bone marrow\_GSM258628.CEL  
30-HSC\_GSM258770.CEL  
31-HSC\_GSM258771.CEL  
32-MEP\_GSM258772.CEL  
33-MEP\_GSM258773.CEL  
34-MEP\_GSM258774.CEL  
35-GMP\_GSM258665.CEL  
36-GMP\_GSM258666.CEL  
37-GMP\_GSM258667.CEL  
38-GMP\_GSM258668.CEL  
39-Granulocytes\_GSM258669.CEL  
40-Mast-cells\_GSM258711.CEL  
41-Mast-cells\_GSM258712.CEL  
42-Mast-cells-IgE\_GSM258713.CEL  
43-Mast-cells-IgE+Ad\_GSM258714.CEL  
44-Mast-cells-IgE+Ad\_GSM258718.CEL  
45-Mast-cells-IgE+Ad\_GSM258719.CEL  
46-NK-cells\_GSM258732.CEL  
47-NK-cells\_GSM258733.CEL  
48-CD8a+DC\_GSM258645.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a+DC\_GSM258647.CEL  
51-Plasmacytoid-DC\_GSM258649.CEL  
52-Plasmacytoid-DC\_GSM258650.CEL  
53-BMM-GSM258694.CEL  
54-BMM-GSM258695.CEL  
55-BMM-LPS-6h\_GSM258699.CEL  
56-BMM-LPS-6h\_GSM258700.CEL  
57-BMM-LPS-7h\_GSM258702.CEL  
58-BMM-LPS-7h\_GSM258706.CEL  
59-Microglia\_GSM258721.CEL  
60-Microglia\_GSM258722.CEL  
61-Osteoclasts\_GSM258743.CEL  
62-Osteoclasts\_GSM258744.CEL  
63-Thymocyte-DN\_GSM465595.CEL  
64-Thymocyte-DN\_GSM465596.CEL  
65-Tregs\_GSM258778.CEL  
66-Tregs\_GSM258779.CEL  
67-Tregs\_GSM258780.CEL  
68-T-cells-CD8+GSM258774.CEL  
69-T-cells-CD8+GSM258775.CEL  
70-T-cells-CD8+GSM258776.CEL  
71-Tregs\_GSM258777.CEL  
72-Tregs\_GSM258778.CEL  
73-BAF3\_GSM258620.CEL  
74-BAF3\_GSM258621.CEL  
75-MZ-Bcell\_GSM258622.CEL  
76-MZ-Bcell\_GSM258623.CEL  
77-Follicular-Bcells\_GSM258664.CEL  
78-Follicular-Bcells\_GSM258665.CEL  
79-FLY-RMLNDC002001.CEL  
80-FLY-RMLNDC003001.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481977.CEL  
83-PP-FDC\_GSM481978.CEL  
84-Lymph-endo-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LTcell\_GSM465596.CEL  
87-Nat Helper cell\_GSM465593.CEL  
88-Nat Helper cell\_GSM465594.CEL  
89-Chondrocytes\_GSM266740.CEL  
90-Chondrocytes\_GSM266741.CEL  
91-Osteoblast-d5\_GSM258741.CEL  
92-Osteoblast-d5\_GSM258742.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d14\_GSM258738.CEL  
95-Osteoblast-d21\_GSM258739.CEL  
96-Osteoblast-d21\_GSM258740.CEL  
97-10T12\_GSM258631.CEL  
98-10T12\_GSM258632.CEL  
99-3T3-L1\_GSM258609.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258729.CEL  
102-NH3T3\_GSM258730.CEL  
103-C2C12\_GSM258629.CEL  
104-Bruce4\_GSM258690.CEL  
105-Bruce4\_GSM258691.CEL  
106-MIMCD3\_GSM258723.CEL  
107-MIMCD3\_GSM258724.CEL  
108-MIMCD3\_GSM258725.CEL  
109-mim6\_GSM258726.CEL  
110-mim6\_GSM258727.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241899.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258768.CEL  
115-Spleen\_GSM258769.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258692.CEL  
118-Intestine-small\_GSM258677.CEL  
119-Intestine-small\_GSM258678.CEL  
120-Intestine-large\_GSM258679.CEL  
121-Intestine-large\_GSM258676.CEL  
122-Colon-d4\_GSM198101.CEL  
123-Colon-d4\_GSM198102.CEL  
124-Colon-d9\_GSM198103.CEL  
125-Colon-d9\_GSM198104.CEL  
126-NALT\_GSM289408.CEL  
127-NALT\_GSM289409.CEL  
128-NALT\_GSM289410.CEL  
129-NALT\_GSM289411.CEL



Cluster0296\_House keeping (7 nodes)

2,309  
2,187.5  
2,066  
1,944.4  
1,822.9  
1,701.4  
1,579.9  
1,458.3  
1,336.8  
1,215.3  
1,093.7  
972.2  
850.7  
729.2  
607.6  
486.1  
364.6  
243.1  
121.5  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258726.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258655.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endc-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY RMLNDC003001.CEL  
79-LY RMLNDC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258744.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM258706.CEL  
60-PM-M-PS-7h GSM258705.CEL  
59-PM-M-PS-7d GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258694.CEL  
54-BMM-LPS-6h GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-CMP GSM258642.CEL  
34-CMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GE GSM116358.CEL  
26-Paneth-cells-GE GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116359.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0297\_Mesenchyme-related/extracellular matrix (7 nodes)

4,757.6  
4,507.2  
4,256.8  
4,006.4  
3,756  
3,505.6  
3,255.2  
3,004.8  
2,754.4  
2,504  
2,253.6  
2,003.2  
1,752.8  
1,502.4  
1,252  
1,001.6  
751.2  
500.8  
250.4  
0

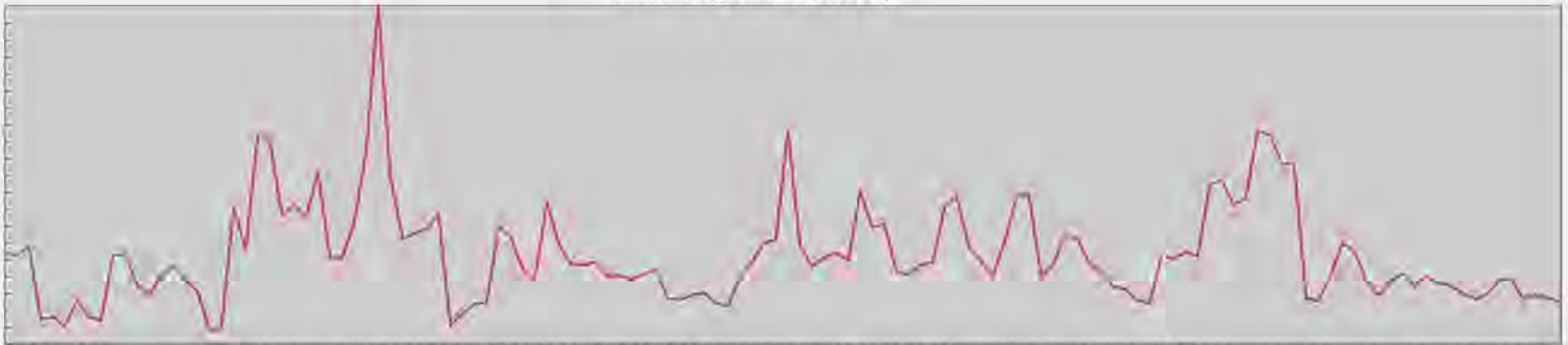


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Colon-d9 GSM1988105 CELL  
125-Colon-d9 GSM1988103 CELL  
124-Colon-d9 GSM1988102 CELL  
123-Colon-d4 GSM1988101 CELL  
122-Colon-d4 GSM1988101 CELL  
121-Intestine-large GSM258675 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258678 CELL  
118-Intestine-small GSM258692 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Lymph-nodes GSM258726 CELL  
115-Spleen GSM258766 CELL  
114-Spleen GSM258767 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258656 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258629 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T1/2 GSM258632 CELL  
97-10T1/2 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endc-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481978 CELL  
81-PP-FDC GSM481976 CELL  
80-D-LY RMLNDCC003001 CELL  
79-D-LY RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Iasmacryoid-DC GSM258650 CELL  
52-Iasmacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258718 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258665 CELL  
35-CMP GSM258642 CELL  
34-MEP GSM258641 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HSC GSM258770 CELL  
30-HSC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM480375 CELL  
20-Colon-Crypt GSM480374 CELL  
19-Colon-Vill GSM480363 CELL  
18-Colon-Vill GSM480362 CELL  
17-Colon-IEC-GE GSM349880 CELL  
16-Colon-IEC-GE GSM350375 CELL  
15-Ileum-IEC GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002001 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP001001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-PP-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0298\_Uncertain (7 nodes)

6,294.1  
5,962.8  
5,631.6  
5,300.3  
4,969  
4,637.8  
4,306.5  
3,975.2  
3,644  
3,312.7  
2,981.4  
2,650.2  
2,318.9  
1,987.6  
1,656.3  
1,325.1  
993.8  
662.5  
331.3  
0



01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-SmallIntestine-epithelium\_RMINEP001001.CEL  
 13-SmallIntestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-VIII\_GSM480362.CEL  
 17-Colon-VIII\_GSM480363.CEL  
 18-Colon-VIII\_GSM480364.CEL  
 19-Colon-VIII\_GSM480365.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-GF-1\_GSM116357.CEL  
 27-Paneth-cells-GF-1\_GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258770.CEL  
 33-MEP\_GSM258770.CEL  
 34-MEP\_GSM258770.CEL  
 35-GMP\_GSM258664.CEL  
 36-GMP\_GSM258664.CEL  
 37-GMP\_GSM258664.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258667.CEL  
 40-Mast-cells\_GSM258711.CEL  
 41-Mast-cells\_GSM258711.CEL  
 42-Mast-cells-IgE\_GSM258713.CEL  
 43-Mast-cells-IgE+Ad\_GSM258714.CEL  
 44-Mast-cells-IgE+Ad\_GSM258714.CEL  
 45-Mast-cells-IgE+Ad\_GSM258718.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258731.CEL  
 48-CD8a+DC\_GSM258645.CEL  
 49-CD8a+DC\_GSM258645.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258650.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258699.CEL  
 57-BMM-LPS-6h\_GSM258699.CEL  
 58-PMM-GSM258702.CEL  
 59-PMM-GSM258702.CEL  
 60-PMM-LPS-7h\_GSM258705.CEL  
 61-PMM-LPS-7h\_GSM258705.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258744.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258773.CEL  
 69-T-cells-CD8+\_GSM258774.CEL  
 70-T-cells-CD8+\_GSM258774.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258619.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258621.CEL  
 76-MZ-Bcell\_GSM258621.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-FLY-RMLNDC002001.CEL  
 80-FLY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-NatHelpercell\_GSM465593.CEL  
 88-NatHelpercell\_GSM465593.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258737.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258729.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258656.CEL  
 106-Bruce4\_GSM258656.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258725.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Lymph-nodes\_GSM258691.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258692.CEL  
 119-Intestine-small\_GSM258692.CEL  
 120-Intestine-large\_GSM258678.CEL  
 121-Intestine-large\_GSM258678.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198101.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198103.CEL  
 126-Colon-d9\_GSM198104.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0299\_Uncertain (7 nodes)

4,119.8  
3,902.9  
3,686.1  
3,469.3  
3,252.6  
3,035.6  
2,818.8  
2,602  
2,385.1  
2,168.3  
1,951.5  
1,734.6  
1,517.8  
1,301  
1,084.2  
867.3  
650.5  
433.7  
216.8  
0



130-NALT GSM289411 CEL  
129-NALT GSM289410 CEL  
128-NALT GSM289409 CEL  
127-NALT GSM289408 CEL  
126-CD9 GSM1988105 CEL  
125-CD9 GSM1988104 CEL  
124-CD9 GSM1988103 CEL  
123-CD9 GSM1988102 CEL  
122-CD9 GSM1988101 CEL  
121-Intestine-large GSM258676 CEL  
120-Intestine-large GSM258675 CEL  
119-Intestine-small GSM258674 CEL  
118-Intestine-small GSM258673 CEL  
117-Lymph-nodes GSM258672 CEL  
116-Lymph-nodes GSM258671 CEL  
115-Spleen GSM258767 CEL  
114-Spleen GSM258766 CEL  
113-Neuro2a GSM258728 CEL  
112-Neuro2a GSM258727 CEL  
111-Astrocytes GSM241898 CEL  
110-mimb GSM258726 CEL  
109-mimb GSM258725 CEL  
108-MIMCD3 GSM258724 CEL  
107-MIMCD3 GSM258723 CEL  
106-Bruce4 GSM258665 CEL  
105-Bruce4 GSM258664 CEL  
104-C2C12 GSM258690 CEL  
103-C2C12 GSM258689 CEL  
102-NH3T3 GSM258739 CEL  
101-NH3T3 GSM258738 CEL  
100-3T3-L1 GSM258610 CEL  
99-3T3-L1 GSM258609 CEL  
98-10T12 GSM258632 CEL  
97-10T12 GSM258631 CEL  
96-Osteoblast-d21 GSM258740 CEL  
95-Osteoblast-d21 GSM258739 CEL  
94-Osteoblast-d14 GSM258738 CEL  
93-Osteoblast-d14 GSM258737 CEL  
92-Osteoblast-d5 GSM258742 CEL  
91-Osteoblast-d5 GSM258741 CEL  
90-Chondrocytes GSM266741 CEL  
89-Chondrocytes GSM266740 CEL  
88-Nat Helper cell GSM465594 CEL  
87-Nat Helper cell GSM465593 CEL  
86-TT cell GSM465596 CEL  
85-MS-1 GSM234692 CEL  
84-Lymph-endo-cells GSM143704 CEL  
83-PP-FDC GSM481977 CEL  
82-PP-FDC GSM481978 CEL  
81-PP-FDC GSM481976 CEL  
80-L-Y RMLNDCC003001 CEL  
79-L-Y RMLNDCC003001 CEL  
78-Follicular-Bcells GSM258664 CEL  
77-Follicular-Bcells GSM258663 CEL  
76-MZ-Bcell GSM258627 CEL  
75-MZ-Bcell GSM258627 CEL  
74-BAF3 GSM258620 CEL  
73-BAF3 GSM258619 CEL  
72-Tregs GSM258778 CEL  
71-Tregs GSM258777 CEL  
70-T-cells-CD8+ GSM258776 CEL  
69-T-cells-CD8+ GSM258774 CEL  
68-T-cells-CD4+ GSM258773 CEL  
67-T-cells-CD4+ GSM258773 CEL  
66-Thymocyte-DN GSM465595 CEL  
65-Osteoclasts GSM258743 CEL  
64-Osteoclasts GSM258743 CEL  
63-Microglia GSM258721 CEL  
62-Microglia GSM258721 CEL  
61-MM-PS-7h GSM258706 CEL  
60-MM-PS-7h GSM258706 CEL  
59-MM-PS-6h GSM258702 CEL  
58-MM-PS-6h GSM258702 CEL  
57-MM-LPS-6h GSM258699 CEL  
56-MM-LPS-6h GSM258699 CEL  
55-MM-LPS-6h GSM258694 CEL  
54-MM-LPS-6h GSM258694 CEL  
53-Plasmacytoid-DC GSM258650 CEL  
52-Plasmacytoid-DC GSM258649 CEL  
51-CD8a-DC GSM258648 CEL  
50-CD8a-DC GSM258647 CEL  
49-CD8a+DC GSM258646 CEL  
48-CD8a+DC GSM258646 CEL  
47-NK-cells GSM258732 CEL  
46-NK-cells GSM258732 CEL  
45-Mast-cells-IgE+Ad GSM258718 CEL  
44-Mast-cells-IgE+Ad GSM258717 CEL  
43-Mast-cells-IgE GSM258714 CEL  
42-Mast-cells-IgE GSM258713 CEL  
41-Mast-cells GSM258712 CEL  
40-Granulocytes GSM258668 CEL  
39-Granulocytes GSM258667 CEL  
38-GMP GSM258666 CEL  
37-GMP GSM258665 CEL  
36-GMP GSM258664 CEL  
35-CMP GSM258642 CEL  
34-CMP GSM258642 CEL  
33-MEP GSM258720 CEL  
32-MEP GSM258720 CEL  
31-HESC GSM258770 CEL  
30-HESC GSM258770 CEL  
29-Bone marrow GSM258628 CEL  
28-Bone marrow GSM258627 CEL  
27-paneth-cells-GE GSM116358 CEL  
26-paneth-cells-GE GSM116357 CEL  
25-paneth-cells GSM116350 CEL  
24-paneth-cells GSM116359 CEL  
23-paneth-cells GSM318589 CEL  
22-paneth-cells GSM318590 CEL  
21-Colon-Crypt GSM480375 cel  
20-Colon-Crypt GSM480374 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-GE GSM349880 CEL  
16-Colon-IEC-GE GSM350375 CEL  
15-Ileum-IEC-TGF GSM350376 CEL  
14-Ileum-IEC GSM350371 CEL  
13-Small-intestine-epithelium RMINEP002001 CEL  
12-Small-intestine-epithelium RMINEP001001 CEL  
11-FAE-RMPYEP002001 CEL  
10-FAE-RMPYEP001001 CEL  
09-Ileum-IEC GSM190797 CEL  
08-Ileum-IEC GSM190796 CEL  
07-Ileum-IEC GSM190795 CEL  
06-CT-v-M-cells GSM190794 CEL  
05-CT-v-M-cells GSM190793 CEL  
04-PP-M-cells GSM190792 CEL  
03-PP-M-cells GSM190791 CEL  
02-PP-M-cells GSM190790 CEL  
01-PP-M-cells GSM190789 CEL



Cluster0300\_High in MS1, min6 and neuro2A cells (7 nodes)

470.3  
445.5  
420.8  
396  
371.3  
346.5  
321.8  
297  
272.3  
247.5  
222.8  
198  
173.3  
148.5  
123.8  
99  
74.3  
49.5  
24.8  
0

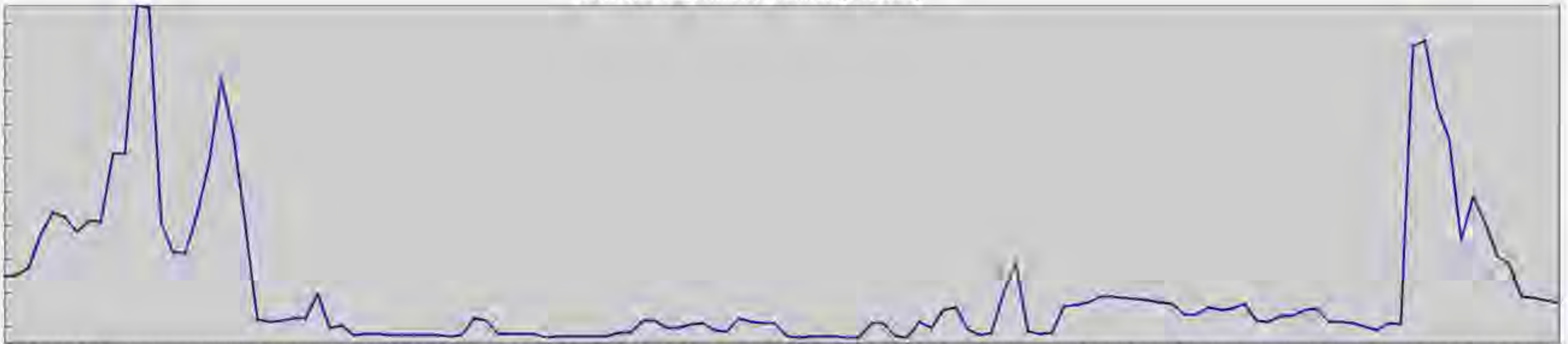


130-NALT GSM289411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-Colon-d9 GSM1988105 CELL  
 125-Colon-d9 GSM1988104 CELL  
 124-Colon-d9 GSM1988103 CELL  
 123-Colon-d4 GSM1988102 CELL  
 122-Colon-d4 GSM1988101 CELL  
 121-Intestine-large GSM258676 CELL  
 120-Intestine-large GSM258675 CELL  
 119-Intestine-small GSM258674 CELL  
 118-Intestine-small GSM258673 CELL  
 117-Lymph-nodes GSM258672 CELL  
 116-Lymph-nodes GSM258671 CELL  
 115-Spleen GSM258767 CELL  
 114-Spleen GSM258767 CELL  
 113-Neuro2a GSM258727 CELL  
 112-Neuro2a GSM258727 CELL  
 111-Astrocytes GSM241898 CELL  
 110-min6 GSM258726 CELL  
 109-min6 GSM258725 CELL  
 108-MIMCD3 GSM258724 CELL  
 107-MIMCD3 GSM258723 CELL  
 106-Bruce4 GSM258665 CELL  
 105-Bruce4 GSM258665 CELL  
 104-C2C12 GSM258690 CELL  
 103-C2C12 GSM258689 CELL  
 102-NH3T3 GSM258730 CELL  
 101-NH3T3 GSM258729 CELL  
 100-3T3-L1 GSM258610 CELL  
 99-3T3-L1 GSM258609 CELL  
 98-10T12 GSM258632 CELL  
 97-10T12 GSM258631 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258773 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Osteoclasts GSM258743 CELL  
 63-Microglia GSM258721 CELL  
 62-Microglia GSM258721 CELL  
 61-MM-LPS-7h GSM258706 CELL  
 60-MM-LPS-7h GSM258706 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258702 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258699 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-MM-LPS-6h GSM258694 CELL  
 53-Plasmacytoid-DC GSM258650 CELL  
 52-Plasmacytoid-DC GSM258649 CELL  
 51-CD8a-DC GSM258648 CELL  
 50-CD8a-DC GSM258647 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-CD8a+DC GSM258646 CELL  
 47-NK-cells GSM258732 CELL  
 46-NK-cells GSM258732 CELL  
 45-Mast-cells-IgE+Ad GSM258719 CELL  
 44-Mast-cells-IgE+Ad GSM258717 CELL  
 43-Mast-cells-IgE GSM258714 CELL  
 42-Mast-cells-IgE GSM258713 CELL  
 41-Mast-cells GSM258712 CELL  
 40-Granulocytes GSM258668 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258665 CELL  
 36-GMP GSM258664 CELL  
 35-GMP GSM258642 CELL  
 34-MPEP GSM258872 CELL  
 33-MPEP GSM258871 CELL  
 32-MPEP GSM258871 CELL  
 31-HESC GSM258770 CELL  
 30-HESC GSM258770 CELL  
 29-Bone marrow GSM258628 CELL  
 28-Bone marrow GSM258627 CELL  
 27-paneth-cells-GF-1 GSM116358 CELL  
 26-paneth-cells-GF-1 GSM116357 CELL  
 25-paneth-cells GSM116350 CELL  
 24-paneth-cells GSM116359 CELL  
 23-paneth-cells GSM318589 CELL  
 22-paneth-cells GSM318590 CELL  
 21-Colon-Crypt GSM480375 cel  
 20-Colon-Crypt GSM480374 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-GF GSM349880 CELL  
 16-Colon-IEC-GF GSM350375 CELL  
 15-Ileum-IEC-GF GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE-RMPYEP002001 CELL  
 10-FAE-RMPYEP001001 CELL  
 09-Ileum-IEC GSM190797 CELL  
 08-Ileum-IEC GSM190796 CELL  
 07-Ileum-IEC GSM190795 CELL  
 06-CT-v-M-cells GSM190794 CELL  
 05-CT-v-M-cells GSM190793 CELL  
 04-CT-v-M-cells GSM190792 CELL  
 03-PP-M-cells GSM190791 CELL  
 02-PP-M-cells GSM190790 CELL  
 01-PP-M-cells GSM190789 CELL



Cluster0301\_intestine-related (7 nodes)

2,760  
2,614.7  
2,469.4  
2,324.2  
2,178.9  
2,033.7  
1,888.4  
1,743.1  
1,597.9  
1,452.6  
1,307.4  
1,162.1  
1,016.8  
871.6  
728.3  
581  
435.8  
290.5  
145.3  
0

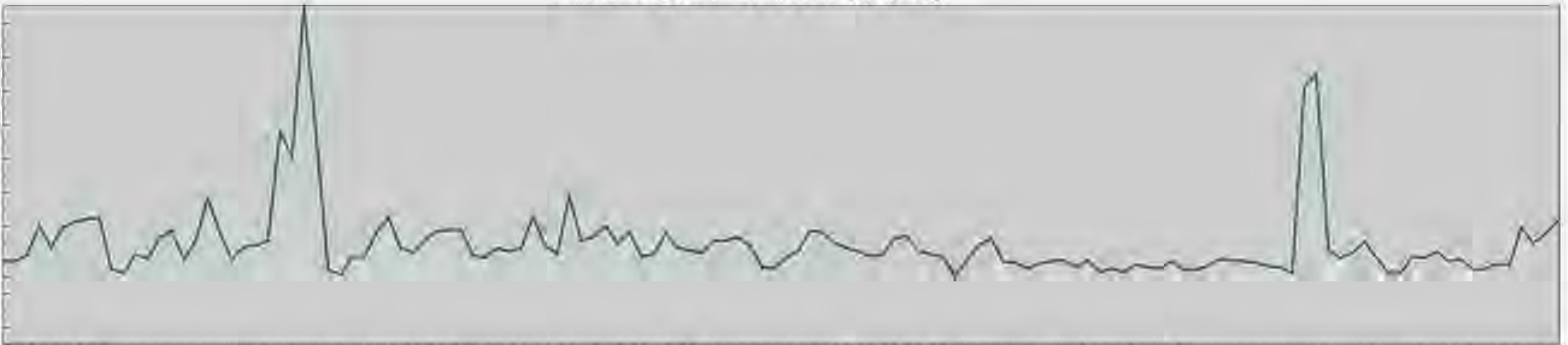


130- NALT GSM289411.CEL  
 129- NALT GSM289410.CEL  
 128- NALT GSM289409.CEL  
 127- NALT GSM289408.CEL  
 126- Colon-d9 GSM1988105.CEL  
 125- Colon-d9 GSM1988104.CEL  
 124- Colon-d9 GSM1988103.CEL  
 123- Colon-d4 GSM1988102.CEL  
 122- Colon-d4 GSM1988101.CEL  
 121- Intestine-large GSM258676.CEL  
 120- Intestine-large GSM258675.CEL  
 119- Intestine-small GSM258678.CEL  
 118- Intestine-small GSM258679.CEL  
 117- Lymph-nodes GSM258691.CEL  
 116- Lymph-nodes GSM258692.CEL  
 115- Spleen GSM258767.CEL  
 114- Spleen GSM258768.CEL  
 113- Neuro2a GSM258728.CEL  
 112- Neuro2a GSM258729.CEL  
 111- Astrocytes GSM241898.CEL  
 110- mimb GSM258726.CEL  
 109- mimb GSM258725.CEL  
 108- MIMCD3 GSM258724.CEL  
 107- MIMCD3 GSM258723.CEL  
 106- Bruce4 GSM258656.CEL  
 105- Bruce4 GSM258655.CEL  
 104- C2C12 GSM258690.CEL  
 103- C2C12 GSM258689.CEL  
 102- NIH3T3 GSM258730.CEL  
 101- NIH3T3 GSM258729.CEL  
 100- 3T3-L1 GSM258610.CEL  
 99- 3T3-L1 GSM258609.CEL  
 98- 10T1/2 GSM258632.CEL  
 97- 10T1/2 GSM258631.CEL  
 96- Osteoblast-d21 GSM258740.CEL  
 95- Osteoblast-d21 GSM258739.CEL  
 94- Osteoblast-d14 GSM258738.CEL  
 93- Osteoblast-d14 GSM258737.CEL  
 92- Osteoblast-d5 GSM258742.CEL  
 91- Osteoblast-d5 GSM258741.CEL  
 90- Chondrocytes GSM266741.CEL  
 89- Nat Helper cell GSM465594.CEL  
 88- Nat Helper cell GSM465593.CEL  
 87- T cell GSM465596.CEL  
 86- MS-1 GSM234692.CEL  
 85- Lymph-endo-cells GSM143704.CEL  
 84- P-PDC GSM481977.CEL  
 83- P-PDC GSM481978.CEL  
 82- P-PDC GSM481976.CEL  
 81- FLY RMLNDCC003001.CEL  
 80- FLY RMLNDCC003001.CEL  
 79- FLY RMLNDCC003001.CEL  
 78- Follicular-Bcells GSM258664.CEL  
 77- MZ-Bcell GSM258622.CEL  
 76- MZ-Bcell GSM258621.CEL  
 75- BAF3 GSM258620.CEL  
 74- BAF3 GSM258619.CEL  
 73- Tregs GSM258778.CEL  
 72- Tregs GSM258777.CEL  
 71- T-cells-CD8+ GSM258776.CEL  
 70- T-cells-CD8+ GSM258775.CEL  
 69- T-cells-CD4+ GSM258774.CEL  
 68- T-cells-CD4+ GSM258773.CEL  
 67- Thymocyte-DN GSM465595.CEL  
 66- Osteoclasts GSM258743.CEL  
 65- Microglia GSM258721.CEL  
 64- Microglia GSM258721.CEL  
 63- P-MM-LPS-7h GSM268706.CEL  
 62- P-MM-LPS-7h GSM268705.CEL  
 61- P-MM-LPS-7h GSM268702.CEL  
 60- P-MM-LPS-6h GSM258701.CEL  
 59- P-MM-LPS-6h GSM258700.CEL  
 58- P-MM-LPS-6h GSM258699.CEL  
 57- P-MM-LPS-6h GSM258699.CEL  
 56- P-MM-LPS-6h GSM258694.CEL  
 55- P-MM-LPS-6h GSM258694.CEL  
 54- P-MM-LPS-6h GSM258694.CEL  
 53- P-MM-LPS-6h GSM258694.CEL  
 52- P-MM-LPS-6h GSM258694.CEL  
 51- P-MM-LPS-6h GSM258694.CEL  
 50- CD8a-DC GSM258647.CEL  
 49- CD8a-DC GSM258646.CEL  
 48- CD8a+DC GSM258646.CEL  
 47- NK-cells GSM258732.CEL  
 46- NK-cells GSM258731.CEL  
 45- Mast-cells-IgE+Ad GSM258719.CEL  
 44- Mast-cells-IgE+Ad GSM258717.CEL  
 43- Mast-cells-IgE GSM258714.CEL  
 42- Mast-cells-IgE GSM258713.CEL  
 41- Mast-cells GSM258712.CEL  
 40- Granulocytes GSM258668.CEL  
 39- Granulocytes GSM258667.CEL  
 38- Granulocytes GSM258666.CEL  
 37- GMP GSM258665.CEL  
 36- GMP GSM258665.CEL  
 35- GMP GSM258664.CEL  
 34- MIEP GSM2588720.CEL  
 33- MIEP GSM2588719.CEL  
 32- HESC GSM258770.CEL  
 31- HESC GSM258769.CEL  
 30- Bone marrow GSM258628.CEL  
 29- Bone marrow GSM258627.CEL  
 28- Paneth-cells-GF GSM116358.CEL  
 27- Paneth-cells-GF GSM116357.CEL  
 26- Paneth-cells-GF GSM116350.CEL  
 25- Paneth-cells GSM116359.CEL  
 24- Paneth-cells GSM318589.CEL  
 23- Paneth-cells GSM318590.CEL  
 22- Paneth-cells GSM480375.CEL  
 21- Colon-Crypt GSM480374.CEL  
 20- Colon-Crypt GSM480363.CEL  
 19- Colon-Vill GSM480362.CEL  
 18- Colon-Vill GSM480362.CEL  
 17- Colon-IEC-GF GSM349880.CEL  
 16- Colon-IEC-GF GSM350375.CEL  
 15- Ileum-IEC-GF GSM350376.CEL  
 14- Ileum-IEC GSM350371.CEL  
 13- Small-intestine-epithelium RMINEP002001.CEL  
 12- Small-intestine-epithelium RMINEP001001.CEL  
 11- FAE-RMPYEP001001.CEL  
 10- FAE-RMPYEP001001.CEL  
 09- Ileum-IEC GSM190797.CEL  
 08- Ileum-IEC GSM190796.CEL  
 07- Ileum-IEC GSM190795.CEL  
 06- CT-v-M-cells GSM190794.CEL  
 05- CT-v-M-cells GSM190793.CEL  
 04- PP-M-cells GSM190792.CEL  
 03- PP-M-cells GSM190791.CEL  
 02- PP-M-cells GSM190790.CEL  
 01- PP-M-cells GSM190789.CEL



Cluster0302\_Uncertain-low in many (7 nodes)

133.7  
126.8  
119.6  
112.6  
105.5  
98.5  
91.5  
84.4  
77.4  
70.3  
63.3  
56.3  
49.2  
42.2  
35.2  
28.1  
21.1  
14.1  
7  
0

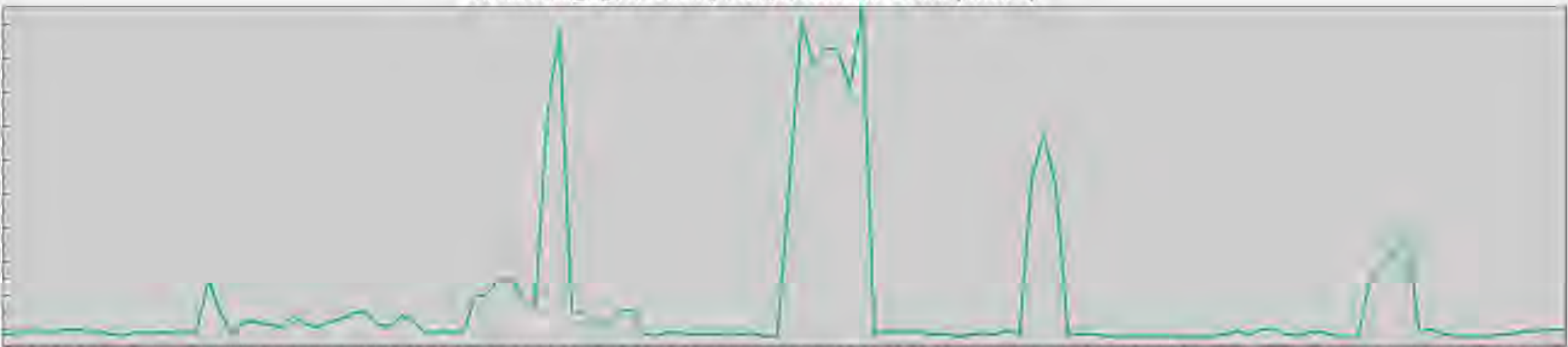


01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMP-EP001001.CEL  
 11-FAE-RMP-EP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC-GF\_GSM350371.CEL  
 15-Ileum-IEC-GF\_GSM350375.CEL  
 16-Colon-VIII\_GSM480362.CEL  
 17-Colon-VIII\_GSM480363.CEL  
 18-Colon-VIII\_GSM480364.CEL  
 19-Colon-VIII\_GSM480365.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318589.CEL  
 23-Paneth-cells\_GSM318590.CEL  
 24-Paneth-cells\_GSM116350.CEL  
 25-Paneth-cells\_GSM116351.CEL  
 26-Paneth-cells-GF-1-GSM116357.CEL  
 27-Paneth-cells-GF-1-GSM116358.CEL  
 28-Paneth-cells-GF-1-GSM116359.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258771.CEL  
 32-MEP\_GSM258772.CEL  
 33-MEP\_GSM258773.CEL  
 34-MEP\_GSM258774.CEL  
 35-MEP\_GSM258775.CEL  
 36-MEP\_GSM258776.CEL  
 37-MEP\_GSM258777.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258668.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258713.CEL  
 42-Mast-cells-IdU+Ad-GSM258714.CEL  
 43-Mast-cells-IdU+Ad-GSM258715.CEL  
 44-Mast-cells-IdU+Ad-GSM258716.CEL  
 45-Mast-cells-IdU+Ad-GSM258717.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258647.CEL  
 50-CD8a+DC\_GSM258648.CEL  
 51-CD8a+DC\_GSM258649.CEL  
 52-CD8a+DC\_GSM258650.CEL  
 53-CD8a+DC\_GSM258651.CEL  
 54-CD8a+DC\_GSM258652.CEL  
 55-CD8a+DC\_GSM258653.CEL  
 56-CD8a+DC\_GSM258654.CEL  
 57-CD8a+DC\_GSM258655.CEL  
 58-CD8a+DC\_GSM258656.CEL  
 59-CD8a+DC\_GSM258657.CEL  
 60-CD8a+DC\_GSM258658.CEL  
 61-CD8a+DC\_GSM258659.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258722.CEL  
 64-Microglia\_GSM258723.CEL  
 65-Osteoclasts\_GSM258743.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258774.CEL  
 69-T-cells-CD8+GSM258775.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258777.CEL  
 72-Tregs\_GSM258778.CEL  
 73-Tregs\_GSM258779.CEL  
 74-BAF3\_GSM258620.CEL  
 75-BAF3\_GSM258621.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258665.CEL  
 79-F-LY-RMLNDC002001.CEL  
 80-F-LY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481977.CEL  
 83-PP-FDC\_GSM481978.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LT-cell\_GSM465596.CEL  
 87-Nat Helper cell\_GSM465593.CEL  
 88-Nat Helper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266742.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258740.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258730.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258656.CEL  
 106-Bruce4\_GSM258657.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258724.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258726.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241899.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258768.CEL  
 115-Spleen\_GSM258769.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258692.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258678.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258676.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198102.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198104.CEL  
 126-NALT\_GSM289408.CEL  
 127-NALT\_GSM289409.CEL  
 128-NALT\_GSM289410.CEL  
 129-NALT\_GSM289411.CEL



Cluster0303\_High in NK cells, T cells, LTi cells and NH cells (7 nodes)

823  
779.7  
736.4  
693.1  
649.8  
606.5  
563.1  
519.8  
476.5  
433.2  
389.9  
346.5  
303.2  
259.9  
216.6  
173.3  
130  
86.6  
43.3  
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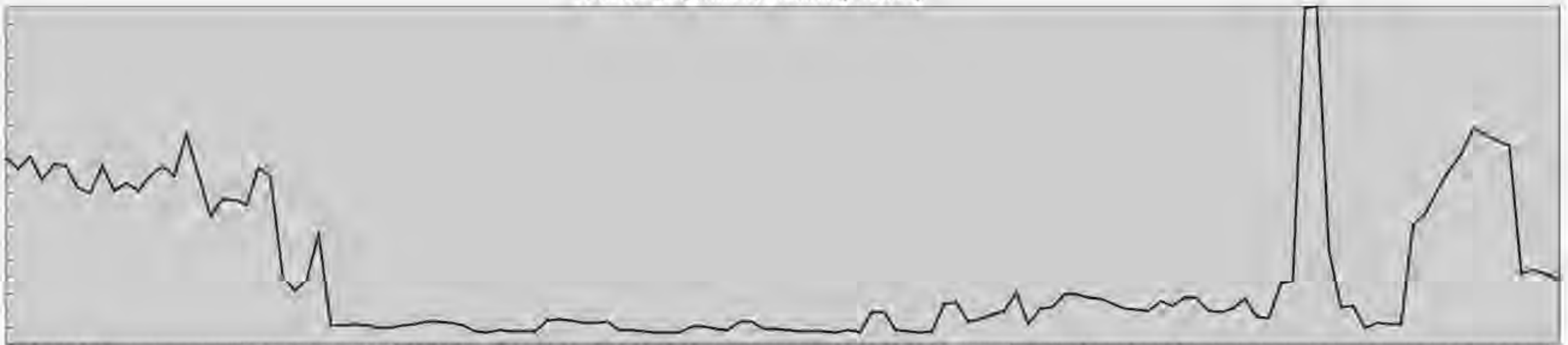


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 02- PP-M-cells\_GSM190790.CEL  
 03- PP-M-cells\_GSM190791.CEL  
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 05- CT-v-M-cells\_GSM190793.CEL  
 06- CT-v-M-cells\_GSM190794.CEL  
 07- Ileum-IEC\_GSM190795.CEL  
 08- Ileum-IEC\_GSM190796.CEL  
 09- Ileum-IEC\_GSM190797.CEL  
 10- FAE-RMPYE001001.CEL  
 11- FAE-RMPYE002001.CEL  
 12- Small-intestine-epithelium\_RMINEP001001.CEL  
 13- Small-intestine-epithelium\_RMINEP002001.CEL  
 14- Ileum-IEC\_GSM350371.CEL  
 15- Ileum-IEC\_GSM350375.CEL  
 16- Colon-IEC-Gf\_GSM349880.CEL  
 17- Colon-IEC-Gf\_GSM350375.CEL  
 18- Colon-Vill-GSM480362.CEL  
 19- Colon-Vill-GSM480363.CEL  
 20- Colon-Crypt\_GSM480374.CEL  
 21- Colon-Crypt\_GSM480375.CEL  
 22- Paneth-cells\_GSM318590.CEL  
 23- Paneth-cells\_GSM318589.CEL  
 24- Paneth-cells\_GSM116359.CEL  
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 26- Paneth-cells-Gf-GSM116357.CEL  
 27- Paneth-cells-Gf-GSM116357.CEL  
 28- Bone marrow\_GSM258627.CEL  
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 31- HSC\_GSM258770.CEL  
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 39- Granulocytes\_GSM258667.CEL  
 40- Mast-cells\_GSM258712.CEL  
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 42- Mast-cells-IdU-GSM258713.CEL  
 43- Mast-cells-IdU-GSM258713.CEL  
 44- Mast-cells-IdU+Ad-GSM258718.CEL  
 45- Mast-cells-IdU+Ad-GSM258718.CEL  
 46- NK-cells\_GSM258732.CEL  
 47- NK-cells\_GSM258732.CEL  
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 51- CD8a-DC\_GSM258647.CEL  
 52- Plasmacytoid-DC\_GSM258650.CEL  
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 60- MM-LPS-7h\_GSM258706.CEL  
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 62- Microglia\_GSM258721.CEL  
 63- Microglia\_GSM258721.CEL  
 64- Osteoclasts\_GSM258743.CEL  
 65- Osteoclasts\_GSM258744.CEL  
 66- Thymocyte-DN\_GSM465595.CEL  
 67- T-cells-CD4+GSM258773.CEL  
 68- T-cells-CD4+GSM258773.CEL  
 69- T-cells-CD8+GSM258776.CEL  
 70- T-cells-CD8+GSM258776.CEL  
 71- Tregs\_GSM258778.CEL  
 72- Tregs\_GSM258778.CEL  
 73- BAF3\_GSM258620.CEL  
 74- BAF3\_GSM258620.CEL  
 75- MZ-Bcell\_GSM258622.CEL  
 76- MZ-Bcell\_GSM258622.CEL  
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 78- Follicular-Bcells\_GSM258664.CEL  
 79- E-L-Y-RMLNDC002001.CEL  
 80- E-L-Y-RMLNDC003001.CEL  
 81- PP-FDC\_GSM481978.CEL  
 82- PP-FDC\_GSM481978.CEL  
 83- PP-FDC\_GSM481978.CEL  
 84- Lymph-endo-cells\_GSM143704.CEL  
 85- MS-1\_GSM234692.CEL  
 86- LT cell\_GSM465596.CEL  
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 88- Nat Helper cell\_GSM465594.CEL  
 89- Chondrocytes\_GSM266741.CEL  
 90- Chondrocytes\_GSM266741.CEL  
 91- Osteoblast-d5\_GSM258741.CEL  
 92- Osteoblast-d5\_GSM258742.CEL  
 93- Osteoblast-d14\_GSM258737.CEL  
 94- Osteoblast-d14\_GSM258738.CEL  
 95- Osteoblast-d21\_GSM258740.CEL  
 96- Osteoblast-d21\_GSM258740.CEL  
 97- 10T12\_GSM258632.CEL  
 98- 10T12\_GSM258632.CEL  
 99- 3T3-L1\_GSM258609.CEL  
 100- 3T3-L1\_GSM258610.CEL  
 101- NIH3T3\_GSM258739.CEL  
 102- NIH3T3\_GSM258739.CEL  
 103- C2C12\_GSM258829.CEL  
 104- C2C12\_GSM258829.CEL  
 105- Bruce4\_GSM258866.CEL  
 106- Bruce4\_GSM258866.CEL  
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 112- Astrocytes\_GSM241898.CEL  
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 117- Lymph-nodes\_GSM258691.CEL  
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 119- Intestine-small\_GSM258677.CEL  
 120- Intestine-large\_GSM258675.CEL  
 121- Intestine-large\_GSM258675.CEL  
 122- Colon-d4\_GSM198810.CEL  
 123- Colon-d4\_GSM198810.CEL  
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 125- Colon-d9\_GSM198810.CEL  
 126- Colon-d9\_GSM198810.CEL  
 127- NALT\_GSM289408.CEL  
 128- NALT\_GSM289409.CEL  
 129- NALT\_GSM289410.CEL  
 130- NALT\_GSM289411.CEL



Cluster0304\_intestine-related (7 nodes)

1,031.8  
977.5  
923.2  
868.9  
814.6  
760.3  
706  
651.7  
597.4  
543.1  
488.7  
434.4  
380.1  
325.8  
271.5  
217.2  
162.9  
108.6  
54.3  
0

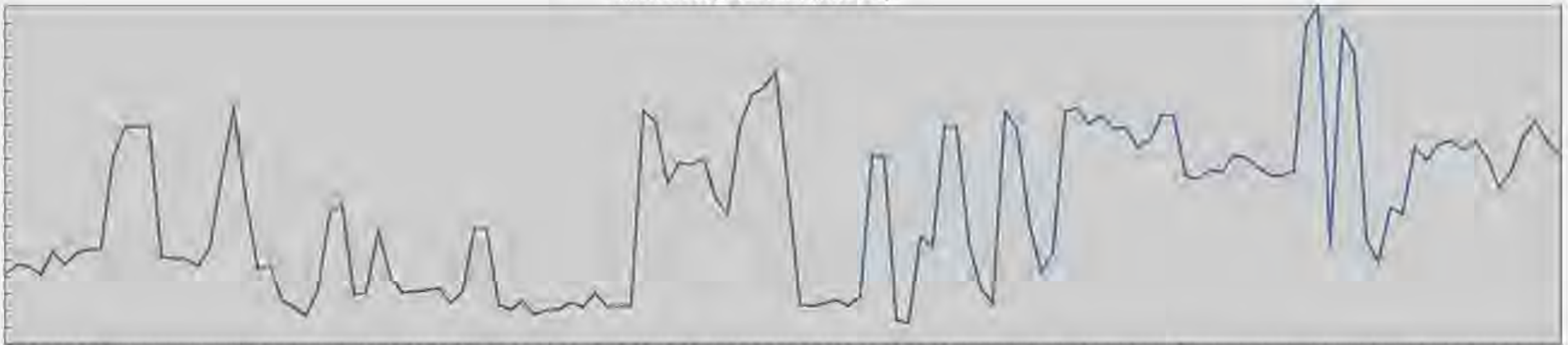


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 04-CT-Y-M-cells\_GSM190792.CEL  
 05-CT-Y-M-cells\_GSM190793.CEL  
 06-CT-W-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-Small-intestine-epithelium\_RMINEP001001.CEL  
 13-Small-intestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
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 16-Colon-Vill-GSM480362.CEL  
 17-Colon-Vill-GSM480363.CEL  
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 19-Colon-Vill-GSM480365.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
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 23-Paneth-cells\_GSM318590.CEL  
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 36-MEP\_GSM258776.CEL  
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 38-MP\_GSM258778.CEL  
 39-MP\_GSM258779.CEL  
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 41-Mast-cells\_GSM258781.CEL  
 42-Mast-cells\_GSM258782.CEL  
 43-Mast-cells-IdU+Ad-GSM258783.CEL  
 44-Mast-cells-IdU+Ad-GSM258784.CEL  
 45-Mast-cells-IdU+Ad-GSM258785.CEL  
 46-NK-cells\_GSM258786.CEL  
 47-NK-cells\_GSM258787.CEL  
 48-CD8a+DC\_GSM258788.CEL  
 49-CD8a+DC\_GSM258789.CEL  
 50-CD8a+DC\_GSM258790.CEL  
 51-CD8a+DC\_GSM258791.CEL  
 52-CD8a+DC\_GSM258792.CEL  
 53-CD8a+DC\_GSM258793.CEL  
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 62-MM-LPS-7h\_GSM258802.CEL  
 63-Microglia\_GSM258803.CEL  
 64-Microglia\_GSM258804.CEL  
 65-Osteoclasts\_GSM258805.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258774.CEL  
 69-T-cells-CD8+GSM258775.CEL  
 70-T-cells-CD8+GSM258776.CEL  
 71-Tregs\_GSM258777.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258819.CEL  
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 75-MZ-Bcell\_GSM258821.CEL  
 76-MZ-Bcell\_GSM258822.CEL  
 77-Follicular-Bcells\_GSM258864.CEL  
 78-Follicular-Bcells\_GSM258865.CEL  
 79-E-L-Y-RMLNDC002001.CEL  
 80-E-L-Y-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481978.CEL  
 82-PP-FDC\_GSM481979.CEL  
 83-PP-FDC\_GSM481978.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-Nat Helper cell\_GSM465593.CEL  
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 88-Chondrocytes\_GSM266741.CEL  
 89-Chondrocytes\_GSM266740.CEL  
 90-Osteoblast-d5\_GSM258741.CEL  
 91-Osteoblast-d5\_GSM258742.CEL  
 92-Osteoblast-d5\_GSM258743.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258740.CEL  
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 99-3T3-L1\_GSM258610.CEL  
 100-3T3-L1\_GSM258609.CEL  
 101-NH3T3-GSM258739.CEL  
 102-NH3T3-GSM258739.CEL  
 103-C2C12\_GSM258829.CEL  
 104-C2C12\_GSM258830.CEL  
 105-Bruce4-GSM258865.CEL  
 106-Bruce4-GSM258866.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258724.CEL  
 109-mmp6\_GSM258725.CEL  
 110-mmp6\_GSM258726.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Neuro2a\_GSM258727.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258768.CEL  
 115-Lymph-nodes\_GSM258892.CEL  
 116-Lymph-nodes\_GSM258891.CEL  
 117-Lymph-nodes\_GSM258892.CEL  
 118-Intestine-small\_GSM258892.CEL  
 119-Intestine-small\_GSM258892.CEL  
 120-Intestine-large\_GSM258875.CEL  
 121-Intestine-large\_GSM258876.CEL  
 122-Intestine-large\_GSM258877.CEL  
 123-Colon-d4\_GSM198810.CEL  
 124-Colon-d4\_GSM198811.CEL  
 125-Colon-d9\_GSM198812.CEL  
 126-Colon-d9\_GSM198813.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0305\_Uncertain (7 nodes)

2,275.6  
 2,155.8  
 2,036.1  
 1,916.3  
 1,796.5  
 1,676.8  
 1,557  
 1,437.2  
 1,317.4  
 1,197.7  
 1,077.9  
 958.1  
 838.4  
 718.6  
 598.8  
 479.1  
 359.3  
 239.5  
 119.8  
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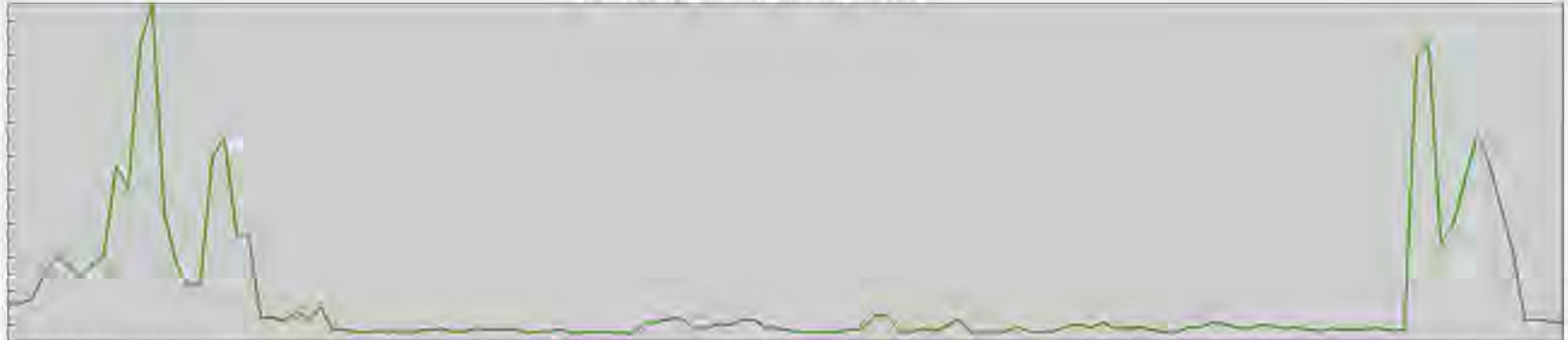


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 128- NALT GSM289409.CEL  
 127- NALT GSM289408.CEL  
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 124- Colon-d9 GSM1988103.CEL  
 123- Colon-d4 GSM1988102.CEL  
 122- Colon-d4 GSM1988101.CEL  
 121- Intestine-large GSM258676.CEL  
 120- Intestine-large GSM258675.CEL  
 119- Intestine-small GSM258678.CEL  
 118- Intestine-small GSM258692.CEL  
 117- Lymph-nodes GSM258691.CEL  
 116- Lymph-nodes GSM258726.CEL  
 115- Spleen GSM258768.CEL  
 114- Spleen GSM258767.CEL  
 113- Neuro2a GSM258728.CEL  
 112- Neuro2a GSM258727.CEL  
 111- Astrocytes GSM241898.CEL  
 110- mimg GSM258725.CEL  
 109- mimg GSM258724.CEL  
 108- MIMCD3 GSM258723.CEL  
 107- MIMCD3 GSM258722.CEL  
 106- Bruce4 GSM258656.CEL  
 105- Bruce4 GSM258655.CEL  
 104- C2C12 GSM258690.CEL  
 103- C2C12 GSM258689.CEL  
 102- NIH3T3 GSM258730.CEL  
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 100- 3T3-L1 GSM258610.CEL  
 99- 3T3-L1 GSM258609.CEL  
 98- 10T12 GSM258632.CEL  
 97- 10T12 GSM258631.CEL  
 96- Osteoblast-d21 GSM258740.CEL  
 95- Osteoblast-d21 GSM258739.CEL  
 94- Osteoblast-d14 GSM258738.CEL  
 93- Osteoblast-d14 GSM258737.CEL  
 92- Osteoblast-d5 GSM258742.CEL  
 91- Osteoblast-d5 GSM258741.CEL  
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 89- Chondrocytes GSM266740.CEL  
 88- Nat Helper cell GSM465594.CEL  
 87- Nat Helper cell GSM465593.CEL  
 86- Tt cell GSM465596.CEL  
 85- MS-1 GSM234692.CEL  
 84- Lymph-endg-cells GSM143704.CEL  
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 78- Follicular-Bcells GSM258664.CEL  
 77- Follicular-Bcells GSM258663.CEL  
 76- MZ-Bcell GSM258622.CEL  
 75- MZ-Bcell GSM258621.CEL  
 74- BAF3 GSM258620.CEL  
 73- BAF3 GSM258619.CEL  
 72- Tregs GSM258778.CEL  
 71- Tregs GSM258777.CEL  
 70- T-cells-CD8+ GSM258776.CEL  
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 68- T-cells-CD4+ GSM258774.CEL  
 67- T-cells-CD4+ GSM258773.CEL  
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 52- BMM-LPS-6h GSM258699.CEL  
 51- BMM-LPS-6h GSM258699.CEL  
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 49- CD8a-DC GSM258647.CEL  
 48- CD8a+DC GSM258646.CEL  
 47- NK-cells GSM258732.CEL  
 46- NK-cells GSM258731.CEL  
 45- Mast-cells-IgE+Ad GSM258718.CEL  
 44- Mast-cells-IgE+Ad GSM258717.CEL  
 43- Mast-cells-IgE GSM258714.CEL  
 42- Mast-cells-IgE GSM258713.CEL  
 41- Mast-cells GSM258712.CEL  
 39- Granulocytes GSM258668.CEL  
 38- Granulocytes GSM258667.CEL  
 37- GMP GSM258666.CEL  
 36- GMP GSM258665.CEL  
 35- GMP GSM258664.CEL  
 34- GMP GSM258664.CEL  
 33- MIEP GSM258720.CEL  
 32- MIEP GSM258719.CEL  
 31- HSC GSM258770.CEL  
 30- HSC GSM258769.CEL  
 29- Bone marrow GSM258628.CEL  
 28- Bone marrow GSM258627.CEL  
 27- Paneth-cells-GF-1 GSM116358.CEL  
 26- Paneth-cells-GF-1 GSM116357.CEL  
 25- Paneth-cells GSM116350.CEL  
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 22- Paneth-cells GSM318590.CEL  
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 18- Colon-Vill GSM480362.CEL  
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 12- Small-intestine-epithelium RMINEP001001.CEL  
 11- FAE RMPYEP002001.CEL  
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 07- Ileum-IEC GSM190795.CEL  
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 05- CT-v-M-cells GSM190793.CEL  
 04- CT-v-M-cells GSM190792.CEL  
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 02- PP-M-cells GSM190790.CEL  
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Cluster0306\_intestine-related (7 nodes)

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1,948.9  
1,840.6  
1,732.4  
1,624.1  
1,515.8  
1,407.6  
1,299.3  
1,191  
1,082.7  
974.5  
866.2  
757.9  
649.6  
541.4  
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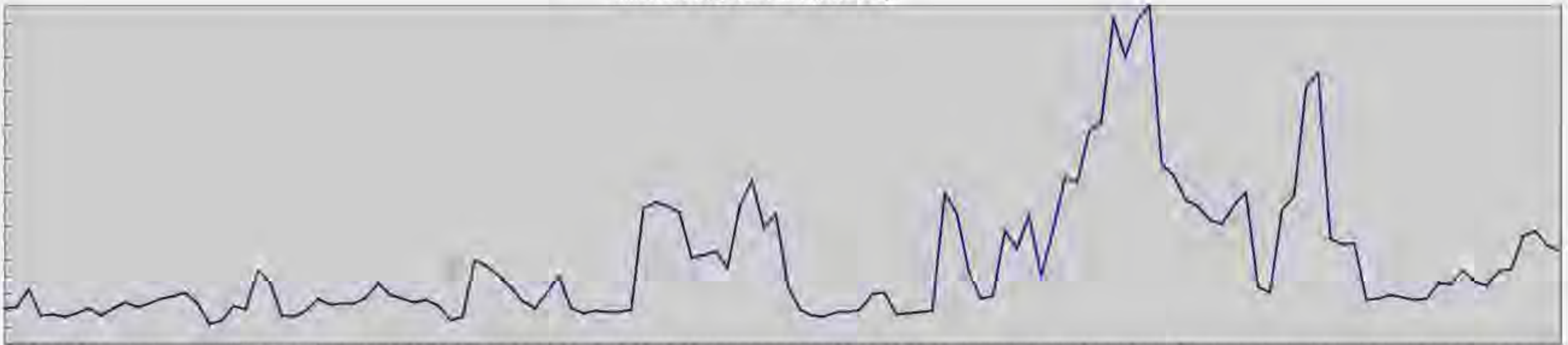


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128- NALT GSM289409.CEL  
127- NALT GSM289408.CEL  
126- Colon-d9 GSM1988105.CEL  
125- Colon-d9 GSM1988104.CEL  
124- Colon-d9 GSM1988103.CEL  
123- Colon-d4 GSM1988102.CEL  
122- Colon-d4 GSM1988101.CEL  
121- Intestine-large GSM258676.CEL  
120- Intestine-large GSM258675.CEL  
119- Intestine-small GSM258674.CEL  
118- Intestine-small GSM258673.CEL  
117- Lymph-nodes GSM258672.CEL  
116- Lymph-nodes GSM258671.CEL  
115- Spleen GSM258767.CEL  
114- Spleen GSM258766.CEL  
113- Neuro2a GSM258728.CEL  
112- Neuro2a GSM258727.CEL  
111- Astrocytes GSM241898.CEL  
110- mimg GSM258726.CEL  
109- mimg GSM258725.CEL  
108- MIMCD3 GSM258724.CEL  
107- MIMCD3 GSM258723.CEL  
106- Bruce4 GSM258665.CEL  
105- Bruce4 GSM258664.CEL  
104- C2C12 GSM258690.CEL  
103- C2C12 GSM258689.CEL  
102- NIH3T3 GSM258739.CEL  
101- NIH3T3 GSM258738.CEL  
100- 3T3-L1 GSM258610.CEL  
99- 3T3-L1 GSM258609.CEL  
98- 10T12 GSM258632.CEL  
97- 10T12 GSM258631.CEL  
96- Osteoblast-d21 GSM258740.CEL  
95- Osteoblast-d21 GSM258739.CEL  
94- Osteoblast-d14 GSM258738.CEL  
93- Osteoblast-d14 GSM258737.CEL  
92- Osteoblast-d5 GSM258742.CEL  
91- Osteoblast-d5 GSM258741.CEL  
90- Chondrocytes GSM266741.CEL  
89- Nat Helper cell GSM266740.CEL  
88- Nat Helper cell GSM465594.CEL  
87- Nat Helper cell GSM465593.CEL  
86- T cell GSM465596.CEL  
85- MS-1 GSM234692.CEL  
84- Lymph-endo-cells GSM143704.CEL  
83- PP-FDC GSM481977.CEL  
82- PP-FDC GSM481978.CEL  
81- PP-FDC GSM481976.CEL  
80- FLY RMLNDCC003001.CEL  
79- FLY RMLNDCC003001.CEL  
78- Follicular-Bcells GSM258664.CEL  
77- Follicular-Bcells GSM258663.CEL  
76- MZ-Bcell GSM258627.CEL  
75- MZ-Bcell GSM258621.CEL  
74- BAF3 GSM258620.CEL  
73- BAF3 GSM258619.CEL  
72- Tregs GSM258778.CEL  
71- Tregs GSM258777.CEL  
70- T-cells-CD8+ GSM258776.CEL  
69- T-cells-CD8+ GSM258775.CEL  
68- T-cells-CD4+ GSM258774.CEL  
67- T-cells-CD4+ GSM258773.CEL  
66- Thymocyte-DN GSM465595.CEL  
65- Osteoclasts GSM258744.CEL  
64- Osteoclasts GSM258743.CEL  
63- Microglia GSM258721.CEL  
62- Microglia GSM258721.CEL  
61- PMM-PS-7h GSM268706.CEL  
60- PMM-PS-7h GSM268705.CEL  
59- PMM-GSM258702.CEL  
58- PMM-GSM258701.CEL  
57- BM-LPS-6h GSM258699.CEL  
56- BM-LPS-6h GSM258699.CEL  
55- BM-LPS-6h GSM258699.CEL  
54- BM-LPS-6h GSM258699.CEL  
53- Plasmacytoid-DC GSM258650.CEL  
52- CD8a-DC GSM258649.CEL  
51- CD8a-DC GSM258647.CEL  
50- CD8a-DC GSM258647.CEL  
49- CD8a+DC GSM258646.CEL  
48- CD8a+DC GSM258645.CEL  
47- NK-cells GSM258732.CEL  
46- NK-cells GSM258731.CEL  
45- Mast-cells-IgE+Ad GSM258718.CEL  
44- Mast-cells-IgE+Ad GSM258717.CEL  
43- Mast-cells-IgE GSM258714.CEL  
42- Mast-cells-IgE GSM258713.CEL  
41- Mast-cells GSM258712.CEL  
40- Granulocytes GSM258668.CEL  
39- Granulocytes GSM258667.CEL  
38- GMP GSM258666.CEL  
37- GMP GSM258665.CEL  
36- GMP GSM258664.CEL  
35- CMP GSM258642.CEL  
34- CMP GSM258641.CEL  
33- MIEP GSM258720.CEL  
32- MIEP GSM258719.CEL  
31- HESC GSM258770.CEL  
30- HESC GSM258769.CEL  
29- Bone marrow GSM258628.CEL  
28- Bone marrow GSM258627.CEL  
27- Paneth-cells-GF GSM116358.CEL  
26- Paneth-cells-GF GSM116357.CEL  
25- Paneth-cells GSM116350.CEL  
24- Paneth-cells GSM116359.CEL  
23- Paneth-cells GSM318589.CEL  
22- Paneth-cells GSM318590.CEL  
21- Colon-Crypt GSM480375.CEL  
20- Colon-Crypt GSM480374.CEL  
19- Colon-Vill GSM480363.CEL  
18- Colon-Vill GSM480362.CEL  
17- Colon-IEC-GF GSM349880.CEL  
16- Colon-IEC-GF GSM350375.CEL  
15- Ileum-IEC-GF GSM350376.CEL  
14- Ileum-IEC GSM350371.CEL  
13- Small-intestine-epithelium RMINEP002001.CEL  
12- Small-intestine-epithelium RMINEP001001.CEL  
11- FAE-RMPYEP001001.CEL  
10- FAE-RMPYEP001001.CEL  
09- Ileum-IEC GSM190797.CEL  
08- Ileum-IEC GSM190796.CEL  
07- Ileum-IEC GSM190795.CEL  
06- CT-v-M-cells GSM190794.CEL  
05- CT-v-M-cells GSM190793.CEL  
04- CT-v-M-cells GSM190792.CEL  
03- PP-M-cells GSM190791.CEL  
02- PP-M-cells GSM190790.CEL  
01- PP-M-cells GSM190789.CEL



Cluster0307\_Uncertain (7 nodes)

913  
864.9  
816.9  
768.8  
720.8  
672.7  
624.7  
576.6  
528.6  
480.5  
432.5  
384.4  
336.4  
288.3  
240.3  
192.2  
144.2  
96.1  
48.1  
0

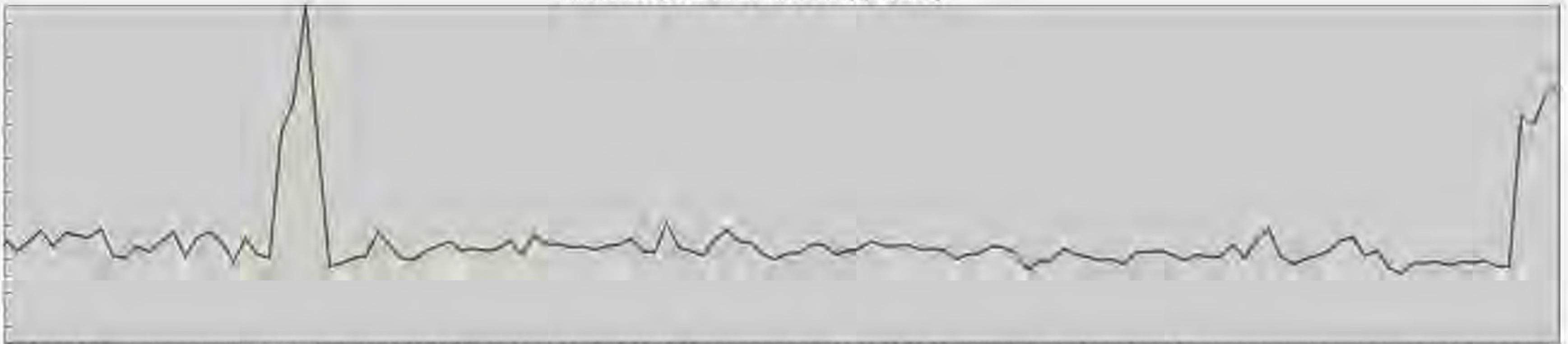


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Column-d9 GSM1988105.CEL  
125-Column-d9 GSM1988104.CEL  
124-Column-d9 GSM1988103.CEL  
123-Column-d4 GSM1988102.CEL  
122-Column-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258674.CEL  
118-Intestine-small GSM258673.CEL  
117-Lymph-nodes GSM258672.CEL  
116-Lymph-nodes GSM258671.CEL  
115-Spleen GSM258670.CEL  
114-Spleen GSM258669.CEL  
113-Neuro2a GSM258668.CEL  
112-Neuro2a GSM241898.CEL  
111-Astrocytes GSM241899.CEL  
110-ming GSM258726.CEL  
109-ming GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258664.CEL  
104-C2C12 GSM258663.CEL  
103-C2C12 GSM258662.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-Lymph-endo-cells GSM481977.CEL  
82-Lymph-endo-cells GSM481978.CEL  
81-Lymph-endo-cells GSM481979.CEL  
80-Lymph-endo-cells GSM481976.CEL  
79-Lymph-endo-cells GSM481977.CEL  
78-Lymph-endo-cells GSM481978.CEL  
77-Follicular-Bcells GSM258664.CEL  
76-Follicular-Bcells GSM258663.CEL  
75-MZ-Bcell GSM258622.CEL  
74-MZ-Bcell GSM258621.CEL  
73-BAF3 GSM258620.CEL  
72-BAF3 GSM258619.CEL  
71-Tregs GSM258778.CEL  
70-Tregs GSM258777.CEL  
69-T-cells-CD8+ GSM258776.CEL  
68-T-cells-CD8+ GSM258775.CEL  
67-T-cells-CD4+ GSM258774.CEL  
66-T-cells-CD4+ GSM258773.CEL  
65-Thymocyte-DN GSM465595.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM268706.CEL  
60-PM-M-PS-7h GSM268705.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-PM-M-PS-6h GSM258699.CEL  
56-PM-M-PS-6h GSM258699.CEL  
55-PM-M-PS-6h GSM258699.CEL  
54-PM-M-PS-6h GSM258699.CEL  
53-PM-M-PS-6h GSM258699.CEL  
52-PM-M-PS-6h GSM258699.CEL  
51-PM-M-PS-6h GSM258699.CEL  
50-PM-M-PS-6h GSM258699.CEL  
49-PM-M-PS-6h GSM258699.CEL  
48-PM-M-PS-6h GSM258699.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells-IgE GSM258712.CEL  
40-Mast-cells-IgE GSM258711.CEL  
39-Granulocytes GSM258668.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258664.CEL  
34-GMP GSM258664.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-MEP GSM258719.CEL  
30-HSC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-Paneth-cells-GF GSM116358.CEL  
26-Paneth-cells-GF GSM116357.CEL  
25-Paneth-cells GSM116350.CEL  
24-Paneth-cells GSM116350.CEL  
23-Paneth-cells GSM318589.CEL  
22-Paneth-cells GSM318589.CEL  
21-Column-crypt GSM480375.CEL  
20-Column-crypt GSM480374.CEL  
19-Column-Vill GSM480363.CEL  
18-Column-Vill GSM480362.CEL  
17-Column-IEC-GF GSM349880.CEL  
16-Column-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0308\_Uncertain-low in many (7 nodes)

116.3  
109.3  
103.2  
97.1  
91.1  
85  
78.9  
72.8  
66.8  
60.7  
54.6  
48.6  
42.5  
36.4  
30.4  
24.3  
18.2  
12.1  
6.1  
0

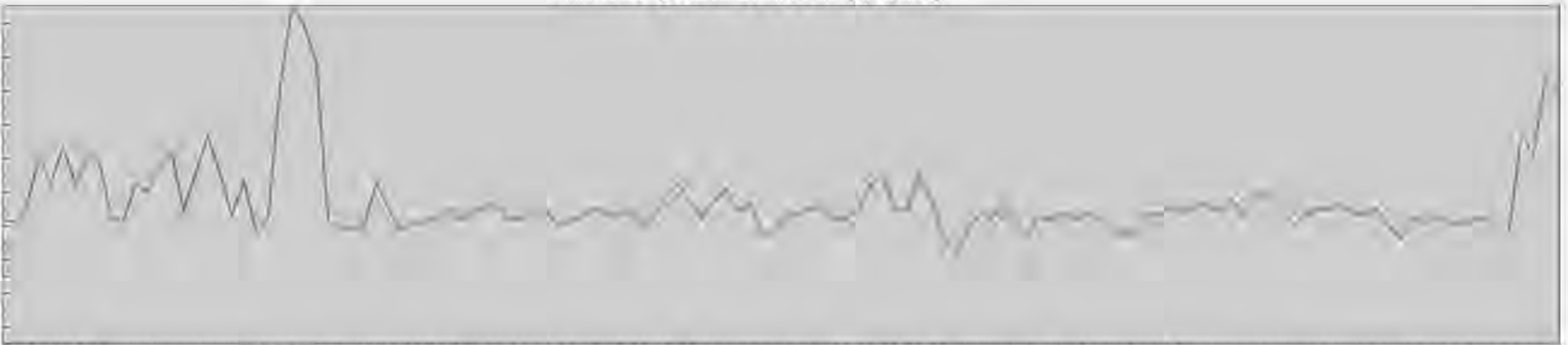


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Paneth-cells GSM1988105 CELL  
125-Paneth-cells GSM1988104 CELL  
124-Paneth-cells GSM1988103 CELL  
123-Paneth-cells GSM1988102 CELL  
122-Colon-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Spleen GSM258768 CELL  
115-Spleen GSM258767 CELL  
114-Neuro2a GSM258728 CELL  
113-Neuro2a GSM258727 CELL  
112-Astrocytes GSM241898 CELL  
111-mimb GSM258726 CELL  
110-mimb GSM258725 CELL  
109-mimb GSM258724 CELL  
108-MIMCD3 GSM258723 CELL  
107-MIMCD3 GSM258722 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258739 CELL  
101-NH3T3 GSM258738 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258622 CELL  
75-MZ-Bcell GSM258621 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells CD8+ GSM258776 CELL  
69-T-cells CD8+ GSM258774 CELL  
68-T-cells CD4+ GSM258773 CELL  
67-T-cells CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Microglia GSM258721 CELL  
63-Microglia GSM258721 CELL  
62-MM-LPS-7h GSM268706 CELL  
61-MM-LPS-7h GSM268706 CELL  
60-MM-LPS-6h GSM268702 CELL  
59-MM-LPS-6h GSM268701 CELL  
58-MM-LPS-6h GSM268699 CELL  
57-MM-LPS-6h GSM268699 CELL  
56-MM-LPS-6h GSM268694 CELL  
55-Plasmacytoid-DC GSM258650 CELL  
54-Plasmacytoid-DC GSM258649 CELL  
53-CD8a-DC GSM258647 CELL  
52-CD8a-DC GSM258647 CELL  
51-CD8a+DC GSM258646 CELL  
50-CD8a+DC GSM258646 CELL  
49-NK-cells GSM258732 CELL  
48-NK-cells GSM258731 CELL  
47-Mast-cells-IgE+Ad GSM258719 CELL  
46-Mast-cells-IgE+Ad GSM258717 CELL  
45-Mast-cells-IgE GSM258714 CELL  
44-Mast-cells-IgE GSM258713 CELL  
43-Mast-cells-IgE GSM258712 CELL  
42-Mast-cells-IgE GSM258712 CELL  
41-Granulocytes GSM258667 CELL  
40-Granulocytes GSM258667 CELL  
39-GMP GSM258666 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258666 CELL  
35-GMP GSM258666 CELL  
34-GMP GSM258666 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258720 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258770 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-Paneth-cells-GF-1 GSM116357 CELL  
26-Paneth-cells GSM116350 CELL  
25-Paneth-cells GSM116350 CELL  
24-Paneth-cells GSM116359 CELL  
23-Paneth-cells GSM318589 CELL  
22-Paneth-cells GSM318590 CELL  
21-Colon-Crypt GSM480375 cel  
20-Colon-Crypt GSM480374 cel  
19-Colon-Vill GSM480363 cel  
18-Colon-Vill GSM480362 cel  
17-Colon-IEC-GF GSM349880 CELL  
16-Colon-IEC-GF GSM350375 CELL  
15-Ileum-IEC GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-w-M-cells GSM190794 CELL  
05-CT-w-M-cells GSM190793 CELL  
04-CT-y-M-cells GSM190792 CELL  
03-PP-M-cells GSM190790 CELL  
02-PP-M-cells GSM190789 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0309\_Uncertain-low in many (7 nodes)

144.6  
137  
129.4  
121.8  
114.2  
106.6  
99  
91.3  
83.7  
76.1  
68.5  
60.9  
53.3  
45.7  
38.1  
30.4  
22.8  
15.2  
7.6  
0

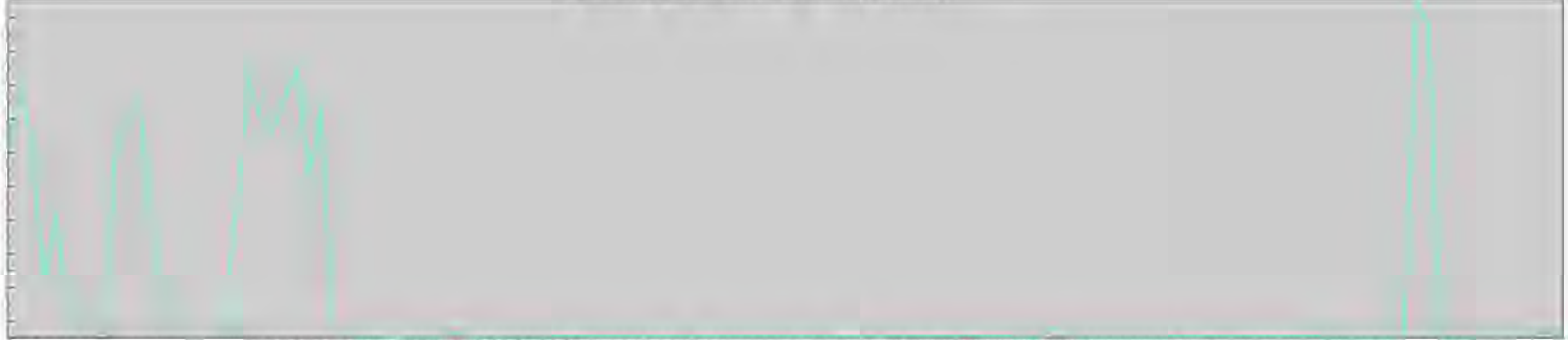


130-NALT GSM2899411 CELL  
 129-NALT GSM289410 CELL  
 128-NALT GSM289409 CELL  
 127-NALT GSM289408 CELL  
 126-paneth-cells GSM1988105 CELL  
 125-paneth-cells GSM1988104 CELL  
 124-paneth-cells GSM1988103 CELL  
 123-paneth-cells GSM1988102 CELL  
 122-paneth-cells GSM318589 CELL  
 121-paneth-cells GSM318590 CELL  
 120-paneth-cells GSM318591 CELL  
 119-paneth-cells GSM480375 CELL  
 118-paneth-cells GSM480374 CELL  
 117-paneth-cells GSM480363 CELL  
 116-paneth-cells GSM480362 CELL  
 115-paneth-cells GSM349880 CELL  
 114-paneth-cells GSM350375 CELL  
 113-paneth-cells GSM350376 CELL  
 112-paneth-cells GSM350377 CELL  
 111-paneth-cells GSM258677 CELL  
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 108-paneth-cells GSM258680 CELL  
 107-paneth-cells GSM258681 CELL  
 106-paneth-cells GSM258682 CELL  
 105-paneth-cells GSM258683 CELL  
 104-paneth-cells GSM258684 CELL  
 103-paneth-cells GSM258685 CELL  
 102-paneth-cells GSM258686 CELL  
 101-paneth-cells GSM258687 CELL  
 100-paneth-cells GSM258688 CELL  
 99-paneth-cells GSM258689 CELL  
 98-paneth-cells GSM258690 CELL  
 97-paneth-cells GSM258691 CELL  
 96-paneth-cells GSM258692 CELL  
 95-paneth-cells GSM258693 CELL  
 94-paneth-cells GSM258694 CELL  
 93-paneth-cells GSM258695 CELL  
 92-paneth-cells GSM258696 CELL  
 91-paneth-cells GSM258697 CELL  
 90-paneth-cells GSM258698 CELL  
 89-paneth-cells GSM258699 CELL  
 88-paneth-cells GSM258700 CELL  
 87-paneth-cells GSM258701 CELL  
 86-paneth-cells GSM258702 CELL  
 85-paneth-cells GSM258703 CELL  
 84-paneth-cells GSM258704 CELL  
 83-paneth-cells GSM258705 CELL  
 82-paneth-cells GSM258706 CELL  
 81-paneth-cells GSM258707 CELL  
 80-paneth-cells GSM258708 CELL  
 79-paneth-cells GSM258709 CELL  
 78-paneth-cells GSM258710 CELL  
 77-paneth-cells GSM258711 CELL  
 76-paneth-cells GSM258712 CELL  
 75-paneth-cells GSM258713 CELL  
 74-paneth-cells GSM258714 CELL  
 73-paneth-cells GSM258715 CELL  
 72-paneth-cells GSM258716 CELL  
 71-paneth-cells GSM258717 CELL  
 70-paneth-cells GSM258718 CELL  
 69-paneth-cells GSM258719 CELL  
 68-paneth-cells GSM258720 CELL  
 67-paneth-cells GSM258721 CELL  
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 65-paneth-cells GSM258723 CELL  
 64-paneth-cells GSM258724 CELL  
 63-paneth-cells GSM258725 CELL  
 62-paneth-cells GSM258726 CELL  
 61-paneth-cells GSM258727 CELL  
 60-paneth-cells GSM258728 CELL  
 59-paneth-cells GSM258729 CELL  
 58-paneth-cells GSM258730 CELL  
 57-paneth-cells GSM258731 CELL  
 56-paneth-cells GSM258732 CELL  
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 53-paneth-cells GSM258735 CELL  
 52-paneth-cells GSM258736 CELL  
 51-paneth-cells GSM258737 CELL  
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 49-paneth-cells GSM258739 CELL  
 48-paneth-cells GSM258740 CELL  
 47-paneth-cells GSM258741 CELL  
 46-paneth-cells GSM258742 CELL  
 45-paneth-cells GSM258743 CELL  
 44-paneth-cells GSM258744 CELL  
 43-paneth-cells GSM258745 CELL  
 42-paneth-cells GSM258746 CELL  
 41-paneth-cells GSM258747 CELL  
 40-paneth-cells GSM258748 CELL  
 39-paneth-cells GSM258749 CELL  
 38-paneth-cells GSM258750 CELL  
 37-paneth-cells GSM258751 CELL  
 36-paneth-cells GSM258752 CELL  
 35-paneth-cells GSM258753 CELL  
 34-paneth-cells GSM258754 CELL  
 33-paneth-cells GSM258755 CELL  
 32-paneth-cells GSM258756 CELL  
 31-paneth-cells GSM258757 CELL  
 30-paneth-cells GSM258758 CELL  
 29-paneth-cells GSM258759 CELL  
 28-paneth-cells GSM258760 CELL  
 27-paneth-cells GSM258761 CELL  
 26-paneth-cells GSM258762 CELL  
 25-paneth-cells GSM258763 CELL  
 24-paneth-cells GSM258764 CELL  
 23-paneth-cells GSM258765 CELL  
 22-paneth-cells GSM258766 CELL  
 21-paneth-cells GSM258767 CELL  
 20-paneth-cells GSM258768 CELL  
 19-paneth-cells GSM258769 CELL  
 18-paneth-cells GSM258770 CELL  
 17-paneth-cells GSM258771 CELL  
 16-paneth-cells GSM258772 CELL  
 15-paneth-cells GSM258773 CELL  
 14-paneth-cells GSM258774 CELL  
 13-paneth-cells GSM258775 CELL  
 12-paneth-cells GSM258776 CELL  
 11-paneth-cells GSM258777 CELL  
 10-paneth-cells GSM258778 CELL  
 9-paneth-cells GSM258779 CELL  
 8-paneth-cells GSM258780 CELL  
 7-paneth-cells GSM258781 CELL  
 6-paneth-cells GSM258782 CELL  
 5-paneth-cells GSM258783 CELL  
 4-paneth-cells GSM258784 CELL  
 3-paneth-cells GSM258785 CELL  
 2-paneth-cells GSM258786 CELL  
 1-paneth-cells GSM258787 CELL



Cluster0310\_Small intestine-related (7 nodes)

19 453.4  
 18 429.5  
 17 405.7  
 16 381.8  
 15 357.9  
 14 334.1  
 13 310.2  
 12 286.3  
 11 262.5  
 10 238.6  
 9 214.8  
 8 190.9  
 7 167  
 6 143.2  
 5 119.3  
 4 95.4  
 3 71.6  
 2 47.7  
 1 23.9  
 0

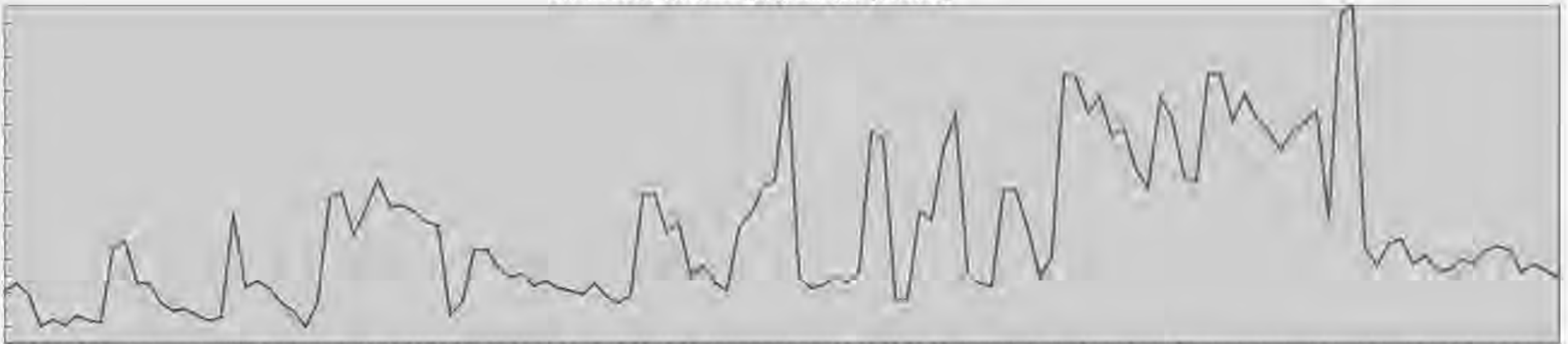


30-NALT GSM289411 CELL  
 29-NALT GSM289410 CELL  
 28-NALT GSM289409 CELL  
 27-NALT GSM289408 CELL  
 26-Color-d9 GSM1988105 CELL  
 25-Color-d9 GSM1988104 CELL  
 24-Color-d9 GSM1988103 CELL  
 23-Color-d4 GSM1988102 CELL  
 22-Color-d4 GSM1988101 CELL  
 21-Intestine-large GSM258676 CELL  
 20-Intestine-large GSM258675 CELL  
 19-Intestine-small GSM258674 CELL  
 18-Intestine-small GSM258673 CELL  
 17-Lymph-nodes GSM258672 CELL  
 16-Lymph-nodes GSM258671 CELL  
 15-Spleen GSM258767 CELL  
 14-Spleen GSM258766 CELL  
 13-Neuro2a GSM258728 CELL  
 12-Neuro2a GSM258727 CELL  
 11-Astrocytes GSM241898 CELL  
 10-mimb GSM258726 CELL  
 9-mimb GSM258725 CELL  
 8-MIMCD3 GSM258724 CELL  
 7-MIMCD3 GSM258723 CELL  
 6-Bruce4 GSM258665 CELL  
 5-Bruce4 GSM258664 CELL  
 4-C2C12 GSM258690 CELL  
 3-C2C12 GSM258689 CELL  
 2-NH3T3 GSM258730 CELL  
 1-NH3T3 GSM258729 CELL  
 99-3T3-L1 GSM258610 CELL  
 98-10T12 GSM258609 CELL  
 97-10T12 GSM258632 CELL  
 96-Osteoblast-d21 GSM258740 CELL  
 95-Osteoblast-d21 GSM258739 CELL  
 94-Osteoblast-d14 GSM258738 CELL  
 93-Osteoblast-d14 GSM258737 CELL  
 92-Osteoblast-d5 GSM258742 CELL  
 91-Osteoblast-d5 GSM258741 CELL  
 90-Chondrocytes GSM266741 CELL  
 89-Chondrocytes GSM266740 CELL  
 88-Nat Helper cell GSM465594 CELL  
 87-Nat Helper cell GSM465593 CELL  
 86-TT cell GSM465596 CELL  
 85-MS-1 GSM234692 CELL  
 84-Lymph-endo-cells GSM143704 CELL  
 83-P-FDC GSM481977 CELL  
 82-P-FDC GSM481978 CELL  
 81-P-FDC GSM481976 CELL  
 80-L-Y RMLNDCC003001 CELL  
 79-L-Y RMLNDCC003001 CELL  
 78-Follicular-Bcells GSM258664 CELL  
 77-Follicular-Bcells GSM258663 CELL  
 76-MZ-Bcell GSM258627 CELL  
 75-MZ-Bcell GSM258627 CELL  
 74-BAF3 GSM258620 CELL  
 73-BAF3 GSM258619 CELL  
 72-Tregs GSM258778 CELL  
 71-Tregs GSM258777 CELL  
 70-T-cells-CD8+ GSM258776 CELL  
 69-T-cells-CD8+ GSM258774 CELL  
 68-T-cells-CD4+ GSM258773 CELL  
 67-T-cells-CD4+ GSM258744 CELL  
 66-Thymocyte-DN GSM465595 CELL  
 65-Osteoclasts GSM258743 CELL  
 64-Microglia GSM258721 CELL  
 63-Microglia GSM258721 CELL  
 62-MM-LPS-7h GSM268706 CELL  
 61-MM-LPS-7h GSM268706 CELL  
 60-MM-LPS-6h GSM258702 CELL  
 59-MM-LPS-6h GSM258702 CELL  
 58-MM-LPS-6h GSM258699 CELL  
 57-MM-LPS-6h GSM258699 CELL  
 56-MM-LPS-6h GSM258694 CELL  
 55-MM-LPS-6h GSM258694 CELL  
 54-Plasmacytoid-DC GSM258650 CELL  
 53-Plasmacytoid-DC GSM258649 CELL  
 52-CD8a-DC GSM258647 CELL  
 51-CD8a-DC GSM258647 CELL  
 50-CD8a+DC GSM258646 CELL  
 49-CD8a+DC GSM258646 CELL  
 48-NK-cells GSM258732 CELL  
 47-NK-cells GSM258731 CELL  
 46-Mast-cells-IgE+Ad GSM258719 CELL  
 45-Mast-cells-IgE+Ad GSM258717 CELL  
 44-Mast-cells-IgE GSM258714 CELL  
 43-Mast-cells-IgE GSM258713 CELL  
 42-Mast-cells-IgE GSM258712 CELL  
 41-Mast-cells-IgE GSM258712 CELL  
 40-Granulocytes GSM258667 CELL  
 39-Granulocytes GSM258667 CELL  
 38-GMP GSM258666 CELL  
 37-GMP GSM258666 CELL  
 36-GMP GSM258665 CELL  
 35-GMP GSM258665 CELL  
 34-MEP GSM258872 CELL  
 33-MEP GSM258871 CELL  
 32-MEP GSM258871 CELL  
 31-HSC GSM258870 CELL  
 30-HSC GSM258870 CELL  
 29-Bone marrow GSM258867 CELL  
 28-Bone marrow GSM258867 CELL  
 27-paneth-cells-GF-1 GSM116357 CELL  
 26-paneth-cells-GF-1 GSM116357 CELL  
 25-paneth-cells-GF-1 GSM116350 CELL  
 24-paneth-cells-GF-1 GSM116350 CELL  
 23-paneth-cells-GF-1 GSM116350 CELL  
 22-paneth-cells-GF-1 GSM116350 CELL  
 21-paneth-cells-GF-1 GSM116350 CELL  
 20-Colon-Crypt GSM480374 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-GF GSM349880 CELL  
 16-Colon-IEC-GF GSM350375 CELL  
 15-Ileum-IEC-GF GSM350376 CELL  
 14-Ileum-IEC GSM350371 CELL  
 13-Small-intestine-epithelium RMINEP002001 CELL  
 12-Small-intestine-epithelium RMINEP001001 CELL  
 11-FAE RMPYEP002001 CELL  
 10-FAE RMPYEP001001 CELL  
 9-Ileum-IEC GSM190797 CELL  
 8-Ileum-IEC GSM190796 CELL  
 7-Ileum-IEC GSM190795 CELL  
 6-CT-v-M-cells GSM190794 CELL  
 5-CT-v-M-cells GSM190793 CELL  
 4-CT-v-M-cells GSM190792 CELL  
 3-PP-M-cells GSM190791 CELL  
 2-PP-M-cells GSM190790 CELL  
 1-PP-M-cells GSM190789 CELL



Cluster0311\_House keeping-cell cycle (7 nodes)

1,411.1  
1,336.9  
1,262.6  
1,188.3  
1,114  
1,039.8  
965.5  
891.2  
817  
742.7  
668.4  
594.2  
519.9  
445.6  
371.3  
297.1  
222.8  
148.5  
74.3  
0



01-PP-M-cells\_GSM190789.CEL  
02-PP-M-cells\_GSM190790.CEL  
03-PP-M-cells\_GSM190791.CEL  
04-CT-v-M-cells\_GSM190792.CEL  
05-CT-v-M-cells\_GSM190793.CEL  
06-CT-v-M-cells\_GSM190794.CEL  
07-Ileum-IEC\_GSM190795.CEL  
08-Ileum-IEC\_GSM190796.CEL  
09-Ileum-IEC\_GSM190797.CEL  
10-FAE-RMPYE\_P001001.CEL  
11-FAE-RMPYE\_P002001.CEL  
12-Small-intestine-epithelium\_RMINEP001001.CEL  
13-Small-intestine-epithelium\_RMINEP002001.CEL  
14-Ileum-IEC\_GSM350371.CEL  
15-Colon-IEC-Gf\_GSM350375.CEL  
16-Colon-Vill-GSM480362.CEL  
17-Colon-Vill-GSM480363.CEL  
18-Colon-Vill-GSM480364.CEL  
19-Colon-Crypt-GSM480374.CEL  
20-Colon-Crypt-GSM480375.CEL  
21-Paneth-cells-GSM480375.CEL  
22-Paneth-cells-GSM116350.CEL  
23-Paneth-cells-GSM116359.CEL  
24-Paneth-cells-GSM116359.CEL  
25-Paneth-cells-GSM318589.CEL  
26-Paneth-cells-GSM318590.CEL  
27-Bone marrow\_GSM258628.CEL  
28-Paneth-cells-Gf-GSM116357.CEL  
29-Paneth-cells-Gf-GSM116358.CEL  
30-HSC-GSM258770.CEL  
31-MEP-GSM258771.CEL  
32-MEP-GSM258772.CEL  
33-MEP-GSM258773.CEL  
34-MEP-GSM258774.CEL  
35-MEP-GSM258775.CEL  
36-MEP-GSM258776.CEL  
37-MEP-GSM258777.CEL  
38-Granulocytes\_GSM258667.CEL  
39-Granulocytes\_GSM258668.CEL  
40-Mast-cells\_GSM258712.CEL  
41-Mast-cells\_GSM258713.CEL  
42-Mast-cells-IgE-GSM258714.CEL  
43-Mast-cells-IgE+Ad-GSM258718.CEL  
44-Mast-cells-IgE+Ad-GSM258717.CEL  
45-Mast-cells-IgE+Ad-GSM258714.CEL  
46-NK-cells\_GSM258731.CEL  
47-NK-cells\_GSM258732.CEL  
48-CD8a+DC\_GSM258646.CEL  
49-CD8a+DC\_GSM258646.CEL  
50-CD8a-DC\_GSM258647.CEL  
51-CD8a-DC\_GSM258647.CEL  
52-Plasmacytoid-DC\_GSM258650.CEL  
53-Plasmacytoid-DC\_GSM258649.CEL  
54-BMM-GSM258694.CEL  
55-BMM-GSM258694.CEL  
56-BMM-LPS-6h-GSM258700.CEL  
57-BMM-LPS-6h-GSM258700.CEL  
58-BMM-LPS-7h-GSM258702.CEL  
59-BMM-LPS-7h-GSM258702.CEL  
60-BMM-LPS-7h-GSM258706.CEL  
61-BMM-LPS-7h-GSM258706.CEL  
62-Microglia\_GSM258721.CEL  
63-Microglia\_GSM258721.CEL  
64-Osteoclasts\_GSM258743.CEL  
65-Osteoclasts\_GSM258744.CEL  
66-Thymocyte-DN\_GSM465595.CEL  
67-T-cells-CD4+GSM258773.CEL  
68-T-cells-CD4+GSM258773.CEL  
69-T-cells-CD8+GSM258776.CEL  
70-T-cells-CD8+GSM258776.CEL  
71-Tregs\_GSM258778.CEL  
72-Tregs\_GSM258778.CEL  
73-BAF3\_GSM258620.CEL  
74-BAF3\_GSM258620.CEL  
75-MZ-Bcell\_GSM258621.CEL  
76-MZ-Bcell\_GSM258621.CEL  
77-Follicular-Bcells\_GSM258653.CEL  
78-Follicular-Bcells\_GSM258653.CEL  
79-E-L-Y-RMLNDC002001.CEL  
80-E-L-Y-RMLNDC003001.CEL  
81-PP-FDC\_GSM481976.CEL  
82-PP-FDC\_GSM481978.CEL  
83-PP-FDC\_GSM481977.CEL  
84-Lymph-endc-cells\_GSM143704.CEL  
85-MS-1\_GSM234692.CEL  
86-LTcell\_GSM465596.CEL  
87-NatHelper cell\_GSM465593.CEL  
88-NatHelper cell\_GSM465594.CEL  
89-Chondrocytes\_GSM258741.CEL  
90-Chondrocytes\_GSM258741.CEL  
91-Osteoblast-d5\_GSM258742.CEL  
92-Osteoblast-d5\_GSM258742.CEL  
93-Osteoblast-d14\_GSM258737.CEL  
94-Osteoblast-d14\_GSM258738.CEL  
95-Osteoblast-d21\_GSM258740.CEL  
96-Osteoblast-d21\_GSM258739.CEL  
97-10T12\_GSM258631.CEL  
98-10T12\_GSM258631.CEL  
99-3T3-L1\_GSM258610.CEL  
100-3T3-L1\_GSM258610.CEL  
101-NH3T3\_GSM258739.CEL  
102-NH3T3\_GSM258739.CEL  
103-C2C12\_GSM258629.CEL  
104-C2C12\_GSM258630.CEL  
105-Bruce4\_GSM258656.CEL  
106-Bruce4\_GSM258656.CEL  
107-MIMCD3\_GSM258723.CEL  
108-MIMCD3\_GSM258723.CEL  
109-mim6\_GSM258725.CEL  
110-mim6\_GSM258725.CEL  
111-Astrocytes\_GSM241898.CEL  
112-Astrocytes\_GSM241898.CEL  
113-Spleen\_GSM258767.CEL  
114-Spleen\_GSM258767.CEL  
115-Lymph-nodes\_GSM258691.CEL  
116-Lymph-nodes\_GSM258691.CEL  
117-Lymph-nodes\_GSM258691.CEL  
118-Intestine-small\_GSM258692.CEL  
119-Intestine-small\_GSM258692.CEL  
120-Intestine-large\_GSM258678.CEL  
121-Intestine-large\_GSM258676.CEL  
122-Colon-d4\_GSM198101.CEL  
123-Colon-d4\_GSM198101.CEL  
124-Colon-d9\_GSM198103.CEL  
125-Colon-d9\_GSM198103.CEL  
126-NALT\_GSM289408.CEL  
127-NALT\_GSM289408.CEL  
128-NALT\_GSM289409.CEL  
129-NALT\_GSM289410.CEL  
130-NALT\_GSM289411.CEL



Cluster0312\_High in IEC (7 nodes)

6,568.7  
6,223  
5,877.3  
5,531.6  
5,185.8  
4,840.1  
4,494.4  
4,148.7  
3,803  
3,457.2  
3,111.5  
2,765.8  
2,420.1  
2,074.3  
1,728.6  
1,382.9  
1,037.2  
691.4  
345.7  
0



130	NALT	GSM289411	CEL
129	NALT	GSM289410	CEL
128	NALT	GSM289409	CEL
127	NALT	GSM289408	CEL
126	Colon-d9	GSM1988104	CEL
125	Colon-d9	GSM1988103	CEL
124	Colon-d9	GSM1988102	CEL
123	Colon-d4	GSM1988101	CEL
122	Colon-d4	GSM1988100	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258674	CEL
118	Intestine-small	GSM258673	CEL
117	Lymph-nodes	GSM258672	CEL
116	Spleen	GSM258671	CEL
115	Spleen	GSM258670	CEL
114	Neuro2a	GSM258669	CEL
113	Neuro2a	GSM258668	CEL
112	Astrocytes	GSM241898	CEL
111	ming6	GSM258667	CEL
110	ming6	GSM258666	CEL
109	ming6	GSM258665	CEL
108	MIMCD3	GSM258664	CEL
107	MIMCD3	GSM258663	CEL
106	Bruce4	GSM258662	CEL
105	Bruce4	GSM258661	CEL
104	C2C12	GSM258660	CEL
103	C2C12	GSM258659	CEL
102	NH3T3	GSM258658	CEL
101	NH3T3	GSM258657	CEL
100	3T3-L1	GSM258656	CEL
99	3T3-L1	GSM258655	CEL
98	10T1/2	GSM258654	CEL
97	10T1/2	GSM258653	CEL
96	Osteoblast-d21	GSM258652	CEL
95	Osteoblast-d21	GSM258651	CEL
94	Osteoblast-d14	GSM258650	CEL
93	Osteoblast-d14	GSM258649	CEL
92	Osteoblast-d5	GSM258648	CEL
91	Osteoblast-d5	GSM258647	CEL
90	Chondrocytes	GSM258646	CEL
89	Chondrocytes	GSM258645	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465592	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481979	CEL
80	E-LY	RMLNDC003001	CEL
79	E-LY	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258662	CEL
75	MZ-Bcell	GSM258661	CEL
74	BAF3	GSM258660	CEL
73	BAF3	GSM258659	CEL
72	Tregs	GSM258658	CEL
71	T-cells-CD8+	GSM258657	CEL
70	T-cells-CD8+	GSM258656	CEL
69	T-cells-CD4+	GSM258655	CEL
68	T-cells-CD4+	GSM258654	CEL
67	T-cells-CD4+	GSM258653	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258674	CEL
64	Microglia	GSM258673	CEL
63	Microglia	GSM258672	CEL
62	MM-LPS-7h	GSM258671	CEL
61	MM-LPS-7h	GSM258670	CEL
60	MM-LPS-6h	GSM258669	CEL
59	MM-LPS-6h	GSM258668	CEL
58	MM-LPS-6h	GSM258667	CEL
57	MM-LPS-6h	GSM258666	CEL
56	MM-LPS-6h	GSM258665	CEL
55	MM-LPS-6h	GSM258664	CEL
54	MM-LPS-6h	GSM258663	CEL
53	MM-LPS-6h	GSM258662	CEL
52	MM-LPS-6h	GSM258661	CEL
51	MM-LPS-6h	GSM258660	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258646	CEL
48	CD8a+DC	GSM258645	CEL
47	NK-cells	GSM258673	CEL
46	NK-cells	GSM258672	CEL
45	Mast-cells-IgE+Ad	GSM258671	CEL
44	Mast-cells-IgE+Ad	GSM258670	CEL
43	Mast-cells-IgE	GSM258669	CEL
42	Mast-cells-IgE	GSM258668	CEL
41	Mast-cells-IgE	GSM258667	CEL
40	Granulocytes	GSM258666	CEL
39	Granulocytes	GSM258665	CEL
38	GMP	GSM258664	CEL
37	GMP	GSM258663	CEL
36	GMP	GSM258662	CEL
35	GMP	GSM258661	CEL
34	GMP	GSM258660	CEL
33	MIEP	GSM258659	CEL
32	MIEP	GSM258658	CEL
31	HS-C	GSM258657	CEL
30	HS-C	GSM258656	CEL
29	Bone marrow	GSM258655	CEL
28	paneth-cells-GF	GSM116357	CEL
27	paneth-cells-GF	GSM116356	CEL
26	paneth-cells-GF	GSM116355	CEL
25	paneth-cells-GF	GSM116354	CEL
24	paneth-cells-GF	GSM116353	CEL
23	paneth-cells-GF	GSM116352	CEL
22	paneth-cells-GF	GSM116351	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	ileum-IEC-TGF	GSM350376	CEL
14	ileum-IEC-TGF	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002901	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE-RMPYE002001	CEL	
10	FAE-RMPYE001001	CEL	
09	ileum-IEC	GSM190797	CEL
08	ileum-IEC	GSM190796	CEL
07	ileum-IEC	GSM190795	CEL
06	CT-w-M-cells	GSM190794	CEL
05	CT-w-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0313\_Large intestine-related (7 nodes)

3,249.6  
3,078.5  
2,907.5  
2,736.5  
2,565.4  
2,394.4  
2,223.4  
2,052.4  
1,881.3  
1,710.3  
1,539.3  
1,368.2  
1,197.2  
1,026.2  
855.1  
684.1  
513.1  
342.1  
171  
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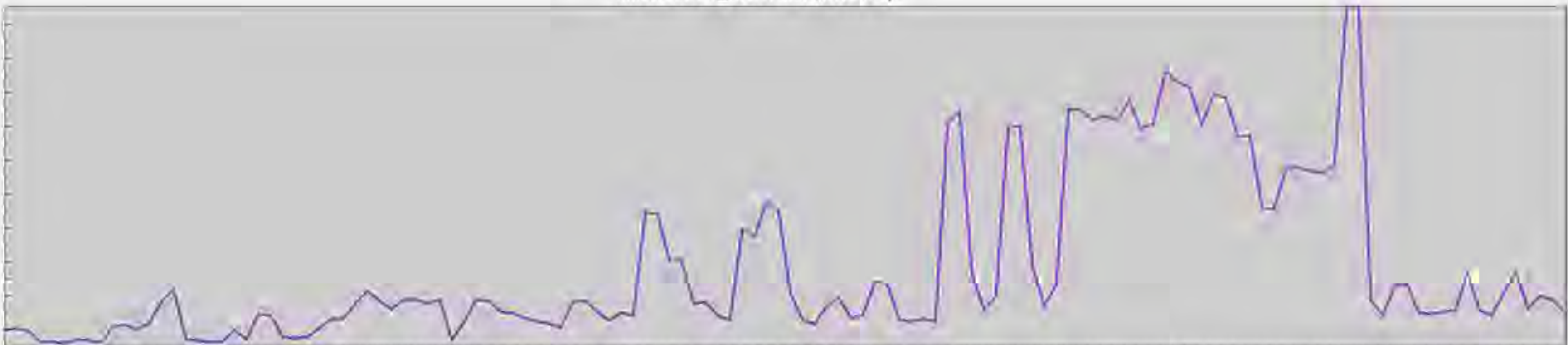


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02	PP-M-cells	GSM190790	CEL
03	PP-M-cells	GSM190791	CEL
04	CT-Y-M-cells	GSM190792	CEL
05	CT-Y-M-cells	GSM190793	CEL
06	CT-W-M-cells	GSM190794	CEL
07	Ileum-IEC	GSM190795	CEL
08	Ileum-IEC	GSM190796	CEL
09	Ileum-IEC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
14	Ileum-IEC	GSM350371	CEL
15	Ileum-IEC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-VIII	GSM480365	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116357	CEL
27	Paneth-cells	GSM116358	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	NALT	GSM289410	CEL
31	NALT	GSM289411	CEL
32	NALT	GSM289412	CEL
33	NALT	GSM289413	CEL
34	Colon-d9	GSM198810	CEL
35	Colon-d9	GSM198811	CEL
36	Colon-d9	GSM198812	CEL
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43	Intestine-small	GSM258678	CEL
44	Spleen	GSM258679	CEL
45	Spleen	GSM258680	CEL
46	Neuro2a	GSM241898	CEL
47	Neuro2a	GSM241899	CEL
48	Astrocytes	GSM241900	CEL
49	ming	GSM258725	CEL
50	ming	GSM258726	CEL
51	ming	GSM258727	CEL
52	MIMCD3	GSM258728	CEL
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55	Bruce4	GSM258731	CEL
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59	C2C12	GSM258735	CEL
60	C2C12	GSM258736	CEL
61	NH3T3	GSM258737	CEL
62	NH3T3	GSM258738	CEL
63	NH3T3	GSM258739	CEL
64	3T3-L1	GSM258610	CEL
65	3T3-L1	GSM258611	CEL
66	3T3-L1	GSM258612	CEL
67	10T1/2	GSM258631	CEL
68	10T1/2	GSM258632	CEL
69	Osteoblast-d21	GSM258740	CEL
70	Osteoblast-d21	GSM258741	CEL
71	Osteoblast-d14	GSM258738	CEL
72	Osteoblast-d14	GSM258737	CEL
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75	Chondrocytes	GSM266741	CEL
76	Chondrocytes	GSM266740	CEL
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79	MS-1	GSM234692	CEL
80	Lymph-endo-cells	GSM143704	CEL
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86	F-LY	RMLNDC002001	CEL
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89	Follicular-B-cells	GSM258663	CEL
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91	MZ-Bcell	GSM258622	CEL
92	BAF3	GSM258619	CEL
93	BAF3	GSM258620	CEL
94	Tregs	GSM258778	CEL
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96	T-cells-CD8+	GSM258776	CEL
97	T-cells-CD8+	GSM258775	CEL
98	T-cells-CD4+	GSM258774	CEL
99	T-cells-CD4+	GSM258773	CEL
100	T-cells-CD4+	GSM258772	CEL
101	Thymocyte-DN	GSM465595	CEL
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103	Osteoclasts	GSM258743	CEL
104	Osteoclasts	GSM258744	CEL
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Cluster0314\_Uncertain (7 nodes)

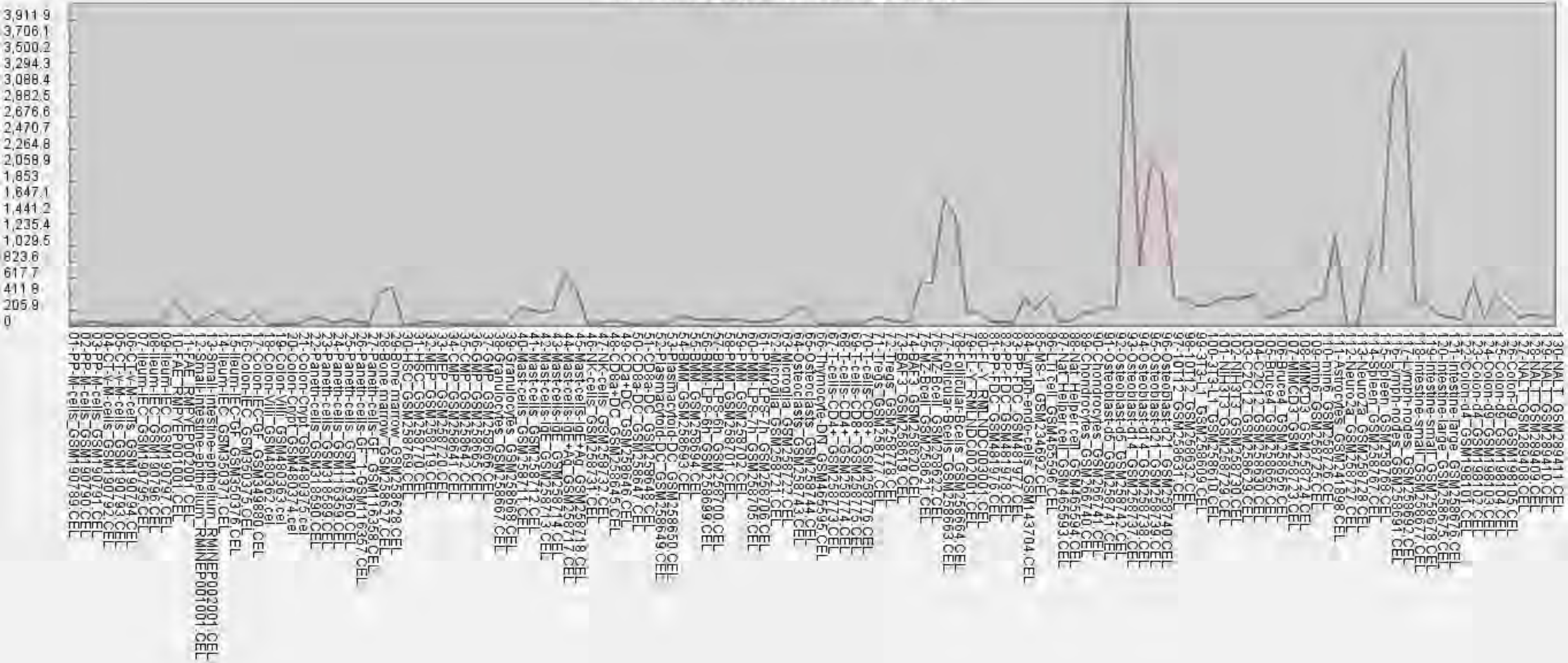
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1,221.3  
977.1  
732.8  
488.5  
244.3  
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122-Colon-d4 GSM1988101.CEL  
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119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258692.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Spleen GSM258768.CEL  
115-Spleen GSM258767.CEL  
114-Neuro2a GSM258728.CEL  
113-Neuro2a GSM258727.CEL  
112-Astrocytes GSM241898.CEL  
111-mim6 GSM258726.CEL  
110-mim6 GSM258725.CEL  
109-mim6 GSM258724.CEL  
108-MIMCD3 GSM258723.CEL  
107-MIMCD3 GSM258722.CEL  
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99-3T3-L1 GSM258609.CEL  
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97-10T12 GSM258631.CEL  
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95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
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81-PP-FDC GSM481976.CEL  
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76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
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71-T-cells CD8+ GSM258777.CEL  
70-T-cells CD8+ GSM258776.CEL  
69-T-cells CD8+ GSM258775.CEL  
68-T-cells CD4+ GSM258774.CEL  
67-T-cells CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
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48-CD8a+DC GSM258645.CEL  
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46-NK-cells GSM258731.CEL  
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44-Mast-cells-IgE+Ad GSM258717.CEL  
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42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
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32-MEP GSM258719.CEL  
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27-Paneth-cells-GF-1 GSM116358.CEL  
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25-Paneth-cells GSM116350.CEL  
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16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
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08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-CT-v-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0315\_High in osteoblasts (7 nodes)





Cluster0316\_High in 10T12 cells and astrocytes (7 nodes)

662.5  
 827.7  
 592.8  
 557.9  
 523.1  
 488.2  
 453.3  
 418.5  
 383.6  
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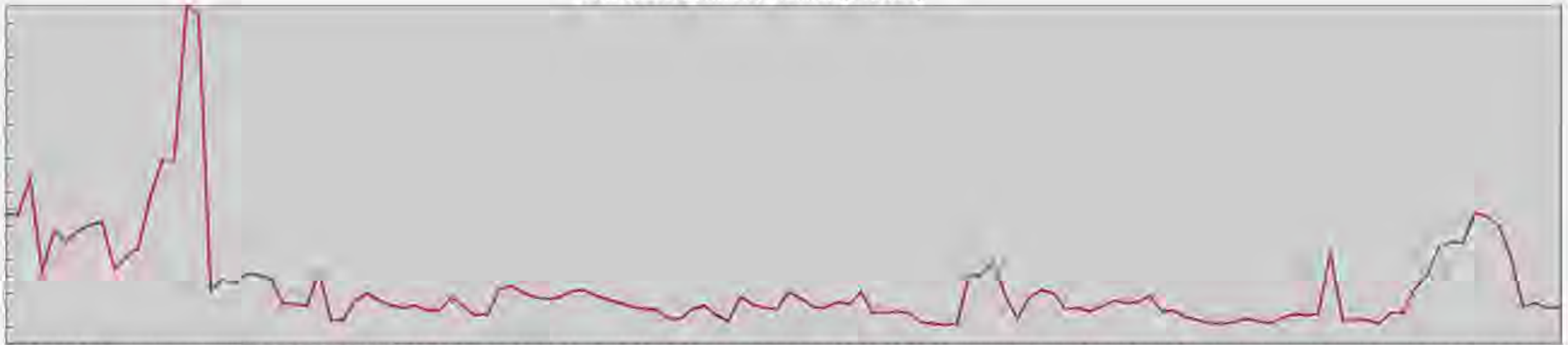


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 23-Color-d4 GSM1988102 CEL  
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 20-Intestine-large GSM258675 CEL  
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 18-Intestine-small GSM258673 CEL  
 17-Lymph-nodes GSM258672 CEL  
 16-Spleen GSM258671 CEL  
 15-Spleen GSM258670 CEL  
 14-Neuro2a GSM241898 CEL  
 13-Astrocytes GSM241897 CEL  
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 65-Osteoclasts GSM258743 CEL  
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 23-Paneth-cells GSM318589 CEL  
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 19-Color-Vill GSM480363 cel  
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 16-Color-IEC-GF GSM350375 CEL  
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 06-CT-w-M-cells GSM190794 CEL  
 05-CT-w-M-cells GSM190793 CEL  
 04-CT-y-M-cells GSM190792 CEL  
 03-PP-M-cells GSM190791 CEL  
 02-PP-M-cells GSM190790 CEL  
 01-PP-M-cells GSM190789 CEL



Cluster0317\_intestine-related (7 nodes)

2,054.2  
1,948.1  
1,837.9  
1,729.8  
1,621.7  
1,513.6  
1,405.5  
1,297.4  
1,189.3  
1,081.1  
973  
864.9  
756.8  
648.7  
540.6  
432.5  
324.3  
216.2  
108.1  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258674.CEL  
118-Intestine-small GSM258673.CEL  
117-Lymph-nodes GSM258672.CEL  
116-Lymph-nodes GSM258671.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258766.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mimb GSM258726.CEL  
109-mimb GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258664.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258730.CEL  
101-NH3T3 GSM258729.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481976.CEL  
81-PP-FDC GSM481975.CEL  
80-LY-RMLNDCC003001.CEL  
79-LY-RMLNDCC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258775.CEL  
68-T-cells-CD4+ GSM258774.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-PS-7h GSM268706.CEL  
60-PM-M-PS-7h GSM268705.CEL  
59-PM-M-PS-6h GSM258702.CEL  
58-PM-M-PS-6h GSM258701.CEL  
57-BMM-LPS-6h GSM258699.CEL  
56-BMM-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258699.CEL  
54-BMM-LPS-6h GSM258699.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-GMP GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-CMP GSM258642.CEL  
34-MEP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-paneth-cells GSM480375.CEL  
20-paneth-cells GSM480374.CEL  
19-paneth-cells GSM480363.CEL  
18-paneth-cells GSM480362.CEL  
17-paneth-cells GSM349880.CEL  
16-paneth-cells GSM350375.CEL  
15-paneth-cells GSM350376.CEL  
14-paneth-cells GSM350371.CEL  
13-paneth-cells GSM258627.CEL  
12-paneth-cells GSM116357.CEL  
11-paneth-cells GSM116358.CEL  
10-paneth-cells GSM116359.CEL  
09-paneth-cells GSM116359.CEL  
08-paneth-cells GSM116359.CEL  
07-paneth-cells GSM116359.CEL  
06-paneth-cells GSM116359.CEL  
05-paneth-cells GSM116359.CEL  
04-paneth-cells GSM116359.CEL  
03-paneth-cells GSM116359.CEL  
02-paneth-cells GSM116359.CEL  
01-paneth-cells GSM116359.CEL



Cluster0318\_High in Peyer's patches FDC (7 nodes)

406.6  
385.2  
363.8  
342.4  
321  
299.8  
278.2  
256.8  
235.4  
214  
192.6  
171.2  
149.8  
128.4  
107  
85.6  
64.2  
42.8  
21.4  
0



30	NALT	GSM289411	CEL
129	NALT	GSM289410	CEL
128	NALT	GSM289409	CEL
127	NALT	GSM289408	CEL
126	Colon-d9	GSM1988105	CEL
125	Colon-d9	GSM1988104	CEL
124	Colon-d9	GSM1988103	CEL
123	Colon-d4	GSM1988102	CEL
122	Colon-d4	GSM1988101	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258678	CEL
118	Intestine-small	GSM258679	CEL
117	Lymph-nodes	GSM258691	CEL
116	Spleen	GSM258768	CEL
115	Spleen	GSM258767	CEL
114	Neuro2a	GSM258728	CEL
113	Neuro2a	GSM258727	CEL
112	Astrocytes	GSM241898	CEL
111	ming6	GSM258726	CEL
110	ming6	GSM258725	CEL
109	ming6	GSM258724	CEL
108	MIMCD3	GSM258723	CEL
107	MIMCD3	GSM258722	CEL
106	Bruce4	GSM258656	CEL
105	Bruce4	GSM258655	CEL
104	C2C12	GSM258690	CEL
103	C2C12	GSM258689	CEL
102	NH3T3	GSM258730	CEL
101	NH3T3	GSM258729	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T12	GSM258632	CEL
97	10T12	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	E-LY	RMLNDC003001	CEL
79	E-LY	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258622	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	Tregs	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD8+	GSM258775	CEL
68	T-cells-CD4+	GSM258774	CEL
67	T-cells-CD4+	GSM258773	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258743	CEL
64	Microglia	GSM258721	CEL
63	Microglia	GSM258721	CEL
62	MM-LPS-7h	GSM258706	CEL
61	MM-LPS-7h	GSM258705	CEL
60	MM-LPS-6h	GSM258702	CEL
59	MM-LPS-6h	GSM258701	CEL
58	MM-LPS-6h	GSM258699	CEL
57	MM-LPS-6h	GSM258699	CEL
56	MM-LPS-6h	GSM258694	CEL
55	MM-LPS-6h	GSM258694	CEL
54	MM-LPS-6h	GSM258694	CEL
53	MM-LPS-6h	GSM258694	CEL
52	MM-LPS-6h	GSM258694	CEL
51	MM-LPS-6h	GSM258694	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258647	CEL
48	CD8a+DC	GSM258646	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258718	CEL
44	Mast-cells-IgE+Ad	GSM258717	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Granulocytes	GSM258668	CEL
39	Granulocytes	GSM258667	CEL
38	GMP	GSM258666	CEL
37	GMP	GSM258665	CEL
36	GMP	GSM258665	CEL
35	GMP	GSM258664	CEL
34	GMP	GSM258664	CEL
33	MIEP	GSM258770	CEL
32	MIEP	GSM258770	CEL
31	HESC	GSM258770	CEL
30	HESC	GSM258770	CEL
29	Bone marrow	GSM258628	CEL
28	bone marrow	GSM258627	CEL
27	paneth-cells-GE	GSM116358	CEL
26	paneth-cells-GE	GSM116357	CEL
25	paneth-cells	GSM116350	CEL
24	paneth-cells	GSM116359	CEL
23	paneth-cells	GSM318589	CEL
22	paneth-cells	GSM318590	CEL
21	Colon-Crypt	GSM480375	CEL
20	Colon-Crypt	GSM480374	CEL
19	Colon-Vill	GSM480363	CEL
18	Colon-Vill	GSM480362	CEL
17	Colon-IEC-Gf	GSM349880	CEL
16	Colon-IEC-Gf	GSM350375	CEL
15	Ileum-IEC	GSM350376	CEL
14	Ileum-IEC	GSM350371	CEL
13	Small-intestine-epithelium	RMINEP002901	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE-RMPYEP001001	CEL	
10	FAE-RMPYEP001001	CEL	
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	CT-w-M-cells	GSM190794	CEL
05	CT-w-M-cells	GSM190793	CEL
04	CT-y-M-cells	GSM190792	CEL
03	PP-M-cells	GSM190791	CEL
02	PP-M-cells	GSM190790	CEL
01	PP-M-cells	GSM190789	CEL



Cluster0319\_Uncertain (7 nodes)

787.6  
746.1  
704.7  
663.2  
621.8  
580.3  
538.9  
497.4  
456  
414.5  
373.1  
331.6  
290.2  
248.7  
207.3  
165.8  
124.4  
82.9  
41.5  
0



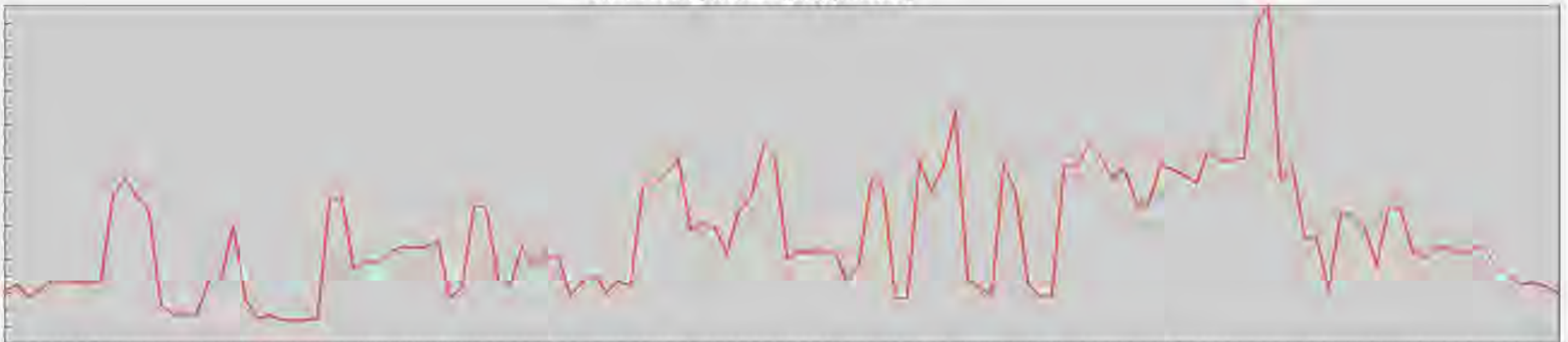
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 129-NALT GSM289410.CEL  
 128-NALT GSM289409.CEL  
 127-NALT GSM289408.CEL  
 126-Colon-d9 GSM1988105.CEL  
 125-Colon-d9 GSM1988104.CEL  
 124-Colon-d9 GSM1988103.CEL  
 123-Colon-d4 GSM1988102.CEL  
 122-Colon-d4 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
 120-Intestine-large GSM258675.CEL  
 119-Intestine-small GSM258674.CEL  
 118-Intestine-small GSM258673.CEL  
 117-Lymph-nodes GSM258672.CEL  
 116-Lymph-nodes GSM258671.CEL  
 115-Spleen GSM258768.CEL  
 114-Spleen GSM258767.CEL  
 113-Neuro2a GSM258728.CEL  
 112-Neuro2a GSM258727.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mim6 GSM258726.CEL  
 109-mim6 GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
 107-MIMCD3 GSM258723.CEL  
 106-Bruce4 GSM258656.CEL  
 105-Bruce4 GSM258655.CEL  
 104-C2C12 GSM258690.CEL  
 103-C2C12 GSM258689.CEL  
 102-NH3T3 GSM258739.CEL  
 101-NH3T3 GSM258738.CEL  
 100-3T3-L1 GSM258610.CEL  
 99-3T3-L1 GSM258609.CEL  
 98-10T12 GSM258632.CEL  
 97-10T12 GSM258631.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d21 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
 93-Osteoblast-d14 GSM258737.CEL  
 92-Osteoblast-d5 GSM258742.CEL  
 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
 89-Chondrocytes GSM266740.CEL  
 88-Nat Helper cell GSM465594.CEL  
 87-Nat Helper cell GSM465593.CEL  
 86-TT cell GSM465596.CEL  
 85-MS-1 GSM234692.CEL  
 84-Lymph-endo-cells GSM143704.CEL  
 83-PP-FDC GSM481977.CEL  
 82-PP-FDC GSM481978.CEL  
 81-PP-FDC GSM481976.CEL  
 80-F-LY RMLNDCC003001.CEL  
 79-F-LY RMLNDCC003001.CEL  
 78-Follicular-Bcells GSM258664.CEL  
 77-Follicular-Bcells GSM258663.CEL  
 76-MZ-Bcell GSM258627.CEL  
 75-MZ-Bcell GSM258627.CEL  
 74-BAF3 GSM258620.CEL  
 73-BAF3 GSM258619.CEL  
 72-Tregs GSM258778.CEL  
 71-Tregs GSM258777.CEL  
 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258774.CEL  
 68-T-cells-CD4+ GSM258773.CEL  
 67-T-cells-CD4+ GSM258773.CEL  
 66-Thymocyte-DN GSM465595.CEL  
 65-Osteoclasts GSM258744.CEL  
 64-Osteoclasts GSM258743.CEL  
 63-Microglia GSM258721.CEL  
 62-Microglia GSM258721.CEL  
 61-PM-M-PS-7h GSM258706.CEL  
 60-PM-M-PS-7h GSM258706.CEL  
 59-PM-M-PS-6h GSM258702.CEL  
 58-PM-M-PS-6h GSM258702.CEL  
 57-BMM-LPS-6h GSM258699.CEL  
 56-BMM-LPS-6h GSM258699.CEL  
 55-BMM-LPS-6h GSM258699.CEL  
 54-BMM-LPS-6h GSM258699.CEL  
 53-Plasmacytoid-DC GSM258650.CEL  
 52-Plasmacytoid-DC GSM258649.CEL  
 51-CD8a-DC GSM258648.CEL  
 50-CD8a-DC GSM258647.CEL  
 49-CD8a+DC GSM258646.CEL  
 48-CD8a+DC GSM258646.CEL  
 47-NK-cells GSM258732.CEL  
 46-NK-cells GSM258731.CEL  
 45-Mast-cells-IgE+Ad GSM258718.CEL  
 44-Mast-cells-IgE+Ad GSM258717.CEL  
 43-Mast-cells-IgE GSM258714.CEL  
 42-Mast-cells-IgE GSM258713.CEL  
 41-Mast-cells GSM258712.CEL  
 40-Granulocytes GSM258668.CEL  
 39-Granulocytes GSM258667.CEL  
 38-GMP GSM258666.CEL  
 37-GMP GSM258666.CEL  
 36-GMP GSM258665.CEL  
 35-CMP GSM258642.CEL  
 34-CMP GSM258641.CEL  
 33-MEP GSM258720.CEL  
 32-MEP GSM258719.CEL  
 31-HESC GSM258770.CEL  
 30-HESC GSM258770.CEL  
 29-Bone marrow GSM258628.CEL  
 28-Bone marrow GSM258627.CEL  
 27-paneth-cells-GF-1 GSM116357.CEL  
 26-paneth-cells-GF-1 GSM116357.CEL  
 25-paneth-cells GSM116350.CEL  
 24-paneth-cells GSM116359.CEL  
 23-paneth-cells GSM318589.CEL  
 22-paneth-cells GSM318590.CEL  
 21-paneth-cells GSM318590.CEL  
 20-paneth-cells GSM318590.CEL  
 19-paneth-cells GSM480375.CEL  
 18-paneth-cells GSM480375.CEL  
 17-paneth-cells GSM480375.CEL  
 16-paneth-cells GSM480375.CEL  
 15-paneth-cells GSM349880.CEL  
 14-paneth-cells GSM350376.CEL  
 13-paneth-cells GSM350376.CEL  
 12-paneth-cells GSM350376.CEL  
 11-paneth-cells GSM350376.CEL  
 10-paneth-cells GSM350376.CEL  
 9-paneth-cells GSM350376.CEL  
 8-paneth-cells GSM350376.CEL  
 7-paneth-cells GSM350376.CEL  
 6-paneth-cells GSM350376.CEL  
 5-paneth-cells GSM350376.CEL  
 4-paneth-cells GSM350376.CEL  
 3-paneth-cells GSM350376.CEL  
 2-paneth-cells GSM350376.CEL  
 1-paneth-cells GSM350376.CEL







Cluster0321\_House keeping (7 nodes)

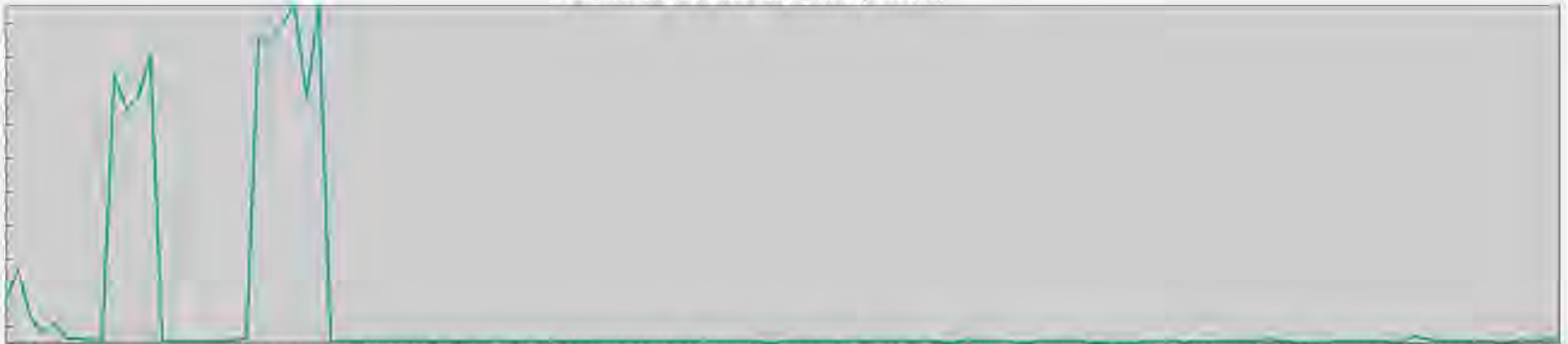


01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-SmallIntestine-epithelium\_RMINEP001001.CEL  
 13-SmallIntestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-GF\_GSM349880.CEL  
 17-Colon-Vill-GSM480362.CEL  
 18-Colon-Vill-GSM480363.CEL  
 19-Colon-Vill-GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116359.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-GF-1-GSM116357.CEL  
 27-Paneth-cells-GF-1-GSM116357.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258627.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258770.CEL  
 32-MEP\_GSM258719.CEL  
 33-MEP\_GSM258720.CEL  
 34-MEP\_GSM258641.CEL  
 35-MEP\_GSM258642.CEL  
 36-MEP\_GSM258665.CEL  
 37-MEP\_GSM258666.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258668.CEL  
 40-Mast-cells\_GSM258711.CEL  
 41-Mast-cells\_GSM258712.CEL  
 42-Mast-cells-GF-GSM258713.CEL  
 43-Mast-cells-GF+Ad-GSM258714.CEL  
 44-Mast-cells-GF+Ad-GSM258718.CEL  
 45-Mast-cells-GF+Ad-GSM258718.CEL  
 46-NK-cells\_GSM258731.CEL  
 47-NK-cells\_GSM258732.CEL  
 48-CD8a+DC\_GSM258645.CEL  
 49-CD8a+DC\_GSM258646.CEL  
 50-CD8a+DC\_GSM258647.CEL  
 51-CD8a+DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258649.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h-GSM258699.CEL  
 57-BMM-LPS-6h-GSM258700.CEL  
 58-BMM-LPS-7h-GSM258702.CEL  
 59-BMM-LPS-7h-GSM258702.CEL  
 60-PMN-LPS-7h-GSM258706.CEL  
 61-PMN-LPS-7h-GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258744.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+GSM258773.CEL  
 68-T-cells-CD4+GSM258774.CEL  
 69-T-cells-CD8+GSM258775.CEL  
 70-T-cells-CD8+GSM258777.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258619.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258621.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-FLY-RMLNDC002001.CEL  
 80-FLY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481978.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-NatHelper cell\_GSM465593.CEL  
 88-NatHelper cell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266740.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d14\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258739.CEL  
 97-10T12\_GSM258631.CEL  
 98-10T12\_GSM258631.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258729.CEL  
 102-NH3T3\_GSM258730.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258665.CEL  
 106-Bruce4\_GSM258665.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258724.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258726.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Spleen\_GSM258768.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258692.CEL  
 119-Intestine-small\_GSM258692.CEL  
 120-Intestine-large\_GSM258678.CEL  
 121-Intestine-large\_GSM258678.CEL  
 122-Colon-d4\_GSM198101.CEL  
 123-Colon-d4\_GSM198101.CEL  
 124-Colon-d9\_GSM198103.CEL  
 125-Colon-d9\_GSM198103.CEL  
 126-Colon-d9\_GSM198104.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



## Cluster0322\_Anitmicrobial peptides (7 nodes)

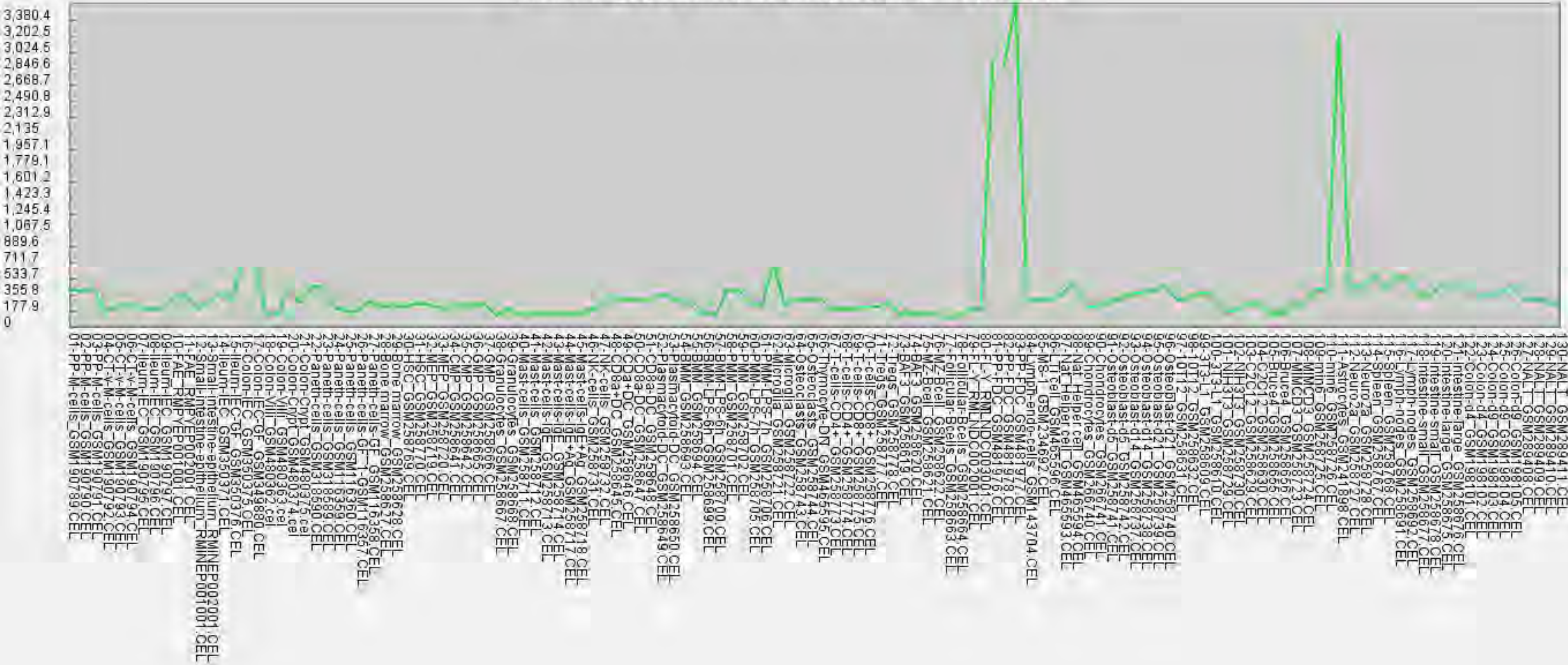
13,124.5  
12,433.8  
11,743  
11,052.2  
10,361.5  
9,670.7  
8,979.9  
8,289.2  
7,598.4  
6,907.6  
6,216.9  
5,526.1  
4,835.4  
4,144.6  
3,453.8  
2,763.1  
2,072.3  
1,381.5  
690.8  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988104 CELL  
124-Color-d9 GSM1988103 CELL  
123-Color-d4 GSM1988102 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Spleen GSM258766 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258768 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258729 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258665 CELL  
105-Bruce4 GSM258666 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T1/2 GSM258632 CELL  
97-10T1/2 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-D-L Y RMLNDCC003001 CELL  
79-D-L Y RMLNDCC003001 CELL  
78-Follicular-B-cells GSM258664 CELL  
77-Follicular-B-cells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Iasmacryoid-DC GSM258650 CELL  
52-Iasmacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258712 CELL  
39-Granulocytes GSM258667 CELL  
38-Granulocytes GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258665 CELL  
35-GMP GSM258642 CELL  
34-GMP GSM258642 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HSC GSM258770 CELL  
30-HSC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-Paneth-cells-GF GSM116358 CELL  
26-Paneth-cells-GF GSM116357 CELL  
25-Paneth-cells GSM116350 CELL  
24-Paneth-cells GSM116359 CELL  
23-Paneth-cells GSM318589 CELL  
22-Paneth-cells GSM318590 CELL  
21-Color-Crypt GSM480375 CELL  
20-Color-Crypt GSM480374 CELL  
19-Color-Vill GSM480363 CELL  
18-Color-Vill GSM480362 CELL  
17-Color-IEC-GF GSM349880 CELL  
16-Color-IEC-GF GSM350375 CELL  
15-Ileum-IEC-GF GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002901 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
09-Ileum-IEC GSM190797 CELL  
08-Ileum-IEC GSM190796 CELL  
07-Ileum-IEC GSM190795 CELL  
06-CT-v-M-cells GSM190794 CELL  
05-CT-v-M-cells GSM190793 CELL  
04-CT-v-M-cells GSM190792 CELL  
03-PP-M-cells GSM190791 CELL  
02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL



Cluster0323\_High in astrocytes and Peyer's patches FDC (7 nodes)









Cluster0325\_Mesenchyme-related/extracellular matrix (7 nodes)

1,646.3  
1,559.6  
1,473  
1,388.3  
1,299.7  
1,213  
1,128.4  
1,039.8  
953.1  
866.5  
779.8  
693.2  
606.5  
519.9  
433.2  
346.6  
259.9  
173.3  
86.6  
0



130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258674.CEL  
118-Intestine-small GSM258673.CEL  
117-Lymph-nodes GSM258672.CEL  
116-Lymph-nodes GSM258671.CEL  
115-Spleen GSM258768.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258728.CEL  
112-Neuro2a GSM258727.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258665.CEL  
105-Bruce4 GSM258664.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258689.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258738.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-P-FDC GSM481977.CEL  
82-P-FDC GSM481978.CEL  
81-P-FDC GSM481976.CEL  
80-LY RMLNDCC003001.CEL  
79-LY RMLNDCC003001.CEL  
78-Follicular-B-cells GSM258664.CEL  
77-Follicular-B-cells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258744.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Osteoclasts GSM258743.CEL  
63-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-MM-LPS-7h GSM268706.CEL  
60-MM-LPS-7h GSM268705.CEL  
59-MM-LPS-6h GSM258702.CEL  
58-MM-LPS-6h GSM258701.CEL  
57-MM-LPS-6h GSM258699.CEL  
56-MM-LPS-6h GSM258699.CEL  
55-MM-LPS-6h GSM258699.CEL  
54-MM-LPS-6h GSM258699.CEL  
53-Iasmacryoid-DC GSM258650.CEL  
52-Iasmacryoid-DC GSM258649.CEL  
51-CD8a-DC GSM258647.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258646.CEL  
47-NK-cells GSM258732.CEL  
46-NK-cells GSM258731.CEL  
45-Mast-cells-IgE+Ad GSM258718.CEL  
44-Mast-cells-IgE+Ad GSM258717.CEL  
43-Mast-cells-IgE GSM258714.CEL  
42-Mast-cells-IgE GSM258713.CEL  
41-Mast-cells GSM258712.CEL  
40-Granulocytes GSM258668.CEL  
39-Granulocytes GSM258667.CEL  
38-Granulocytes GSM258666.CEL  
37-GMP GSM258665.CEL  
36-GMP GSM258664.CEL  
35-GMP GSM258642.CEL  
34-MEP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HSC GSM258770.CEL  
30-HSC GSM258769.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GF GSM116358.CEL  
26-paneth-cells-GF GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GF GSM349880.CEL  
16-Colon-IEC-GF GSM350375.CEL  
15-Ileum-IEC-GF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE RMPYEP002001.CEL  
10-FAE RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0326\_High in mast cells (7 nodes)

2,648.8  
 2,509.4  
 2,370  
 2,230.6  
 2,091.1  
 1,951.7  
 1,812.3  
 1,672.9  
 1,533.5  
 1,394.1  
 1,254.7  
 1,115.3  
 975.9  
 836.5  
 697  
 557.6  
 418.2  
 278.8  
 139.4  
 0



130-NALT GSM289411 CEL  
 129-NALT GSM289410 CEL  
 128-NALT GSM289409 CEL  
 127-NALT GSM289408 CEL  
 126-Colon-d9 GSM1988105 CEL  
 125-Colon-d9 GSM1988104 CEL  
 124-Colon-d9 GSM1988103 CEL  
 123-Colon-d4 GSM1988102 CEL  
 122-Colon-d4 GSM1988101 CEL  
 121-Intestine-large GSM258676 CEL  
 120-Intestine-large GSM258675 CEL  
 119-Intestine-small GSM258674 CEL  
 118-Intestine-small GSM258673 CEL  
 117-Lymph-nodes GSM258672 CEL  
 116-Lymph-nodes GSM258671 CEL  
 115-Spleen GSM258767 CEL  
 114-Spleen GSM258766 CEL  
 113-Neuro2a GSM258728 CEL  
 112-Neuro2a GSM258727 CEL  
 111-Astrocytes GSM241898 CEL  
 110-mimb GSM258726 CEL  
 109-mimb GSM258725 CEL  
 108-MIMCD3 GSM258724 CEL  
 107-MIMCD3 GSM258723 CEL  
 106-Bruce4 GSM258665 CEL  
 105-Bruce4 GSM258664 CEL  
 104-C2C12 GSM258690 CEL  
 103-C2C12 GSM258689 CEL  
 102-NH3T3 GSM258730 CEL  
 101-NH3T3 GSM258729 CEL  
 100-3T3-L1 GSM258610 CEL  
 99-3T3-L1 GSM258609 CEL  
 98-10T12 GSM258632 CEL  
 97-10T12 GSM258631 CEL  
 96-Osteoblast-d21 GSM258740 CEL  
 95-Osteoblast-d21 GSM258739 CEL  
 94-Osteoblast-d14 GSM258738 CEL  
 93-Osteoblast-d14 GSM258737 CEL  
 92-Osteoblast-d5 GSM258742 CEL  
 91-Osteoblast-d5 GSM258741 CEL  
 90-Chondrocytes GSM266741 CEL  
 89-Chondrocytes GSM266740 CEL  
 88-Nat Helper cell GSM465594 CEL  
 87-Nat Helper cell GSM465593 CEL  
 86-TT cell GSM465596 CEL  
 85-MS-1 GSM234692 CEL  
 84-Lymph-endo-cells GSM143704 CEL  
 83-PP-FDC GSM481977 CEL  
 82-PP-FDC GSM481978 CEL  
 81-PP-FDC GSM481976 CEL  
 80-D-F-L-Y RMLNDCC003001 CEL  
 79-D-F-L-Y RMLNDCC003001 CEL  
 78-Follicular-Bcells GSM258664 CEL  
 77-Follicular-Bcells GSM258663 CEL  
 76-MZ-Bcell GSM258627 CEL  
 75-MZ-Bcell GSM258621 CEL  
 74-BAF3 GSM258620 CEL  
 73-BAF3 GSM258619 CEL  
 72-Tregs GSM258778 CEL  
 71-Tregs GSM258777 CEL  
 70-T-cells-CD8+ GSM258776 CEL  
 69-T-cells-CD8+ GSM258774 CEL  
 68-T-cells-CD4+ GSM258773 CEL  
 67-T-cells-CD4+ GSM258773 CEL  
 66-Thymocyte-DN GSM465595 CEL  
 65-Osteoclasts GSM258743 CEL  
 64-Osteoclasts GSM258743 CEL  
 63-Microglia GSM258721 CEL  
 62-Microglia GSM258721 CEL  
 61-PM-M-PS-7h GSM268706 CEL  
 60-PM-M-PS-7h GSM268705 CEL  
 59-PM-M-PS-6h GSM258702 CEL  
 58-PM-M-PS-6h GSM258702 CEL  
 57-BMM-LPS-6h GSM268699 CEL  
 56-BMM-LPS-6h GSM268699 CEL  
 55-BMM-LPS-6h GSM268699 CEL  
 54-BMM-LPS-6h GSM268699 CEL  
 53-Iasmacryoid-DC GSM258650 CEL  
 52-Iasmacryoid-DC GSM258649 CEL  
 51-CD8a-DC GSM258648 CEL  
 50-CD8a-DC GSM258647 CEL  
 49-CD8a+DC GSM258646 CEL  
 48-CD8a+DC GSM258646 CEL  
 47-NK-cells GSM258732 CEL  
 46-NK-cells GSM258731 CEL  
 45-Mast-cells-IgE+Ad GSM258718 CEL  
 44-Mast-cells-IgE+Ad GSM258717 CEL  
 43-Mast-cells-IgE GSM258714 CEL  
 42-Mast-cells-IgE GSM258713 CEL  
 41-Mast-cells GSM258712 CEL  
 40-Granulocytes GSM258668 CEL  
 39-Granulocytes GSM258667 CEL  
 38-GMP GSM258666 CEL  
 37-GMP GSM258665 CEL  
 36-GMP GSM258664 CEL  
 35-CMP GSM258642 CEL  
 34-CMP GSM258641 CEL  
 33-MEP GSM258720 CEL  
 32-MEP GSM258719 CEL  
 31-HESC GSM258770 CEL  
 30-HESC GSM258769 CEL  
 29-Bone marrow GSM258628 CEL  
 28-Bone marrow GSM258627 CEL  
 27-paneth-cells-GF GSM116358 CEL  
 26-paneth-cells-GF GSM116357 CEL  
 25-paneth-cells GSM116350 CEL  
 24-paneth-cells GSM116359 CEL  
 23-paneth-cells GSM318589 CEL  
 22-paneth-cells GSM318590 CEL  
 21-paneth-cells GSM318590 CEL  
 20-Colon-Crypt GSM480375 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-GF GSM349880 CEL  
 16-Colon-IEC-GF GSM350375 CEL  
 15-Ileum-IEC GSM350376 CEL  
 14-Ileum-IEC GSM350371 CEL  
 13-Small-intestine-epithelium RMINEP002001 CEL  
 12-Small-intestine-epithelium RMINEP001001 CEL  
 11-FAE-RMPYEP002001 CEL  
 10-FAE-RMPYEP001001 CEL  
 9-Ileum-IEC GSM190797 CEL  
 8-Ileum-IEC GSM190796 CEL  
 7-Ileum-IEC GSM190795 CEL  
 6-CT-v-M-cells GSM190794 CEL  
 5-CT-v-M-cells GSM190793 CEL  
 4-CT-v-M-cells GSM190792 CEL  
 03-PP-M-cells GSM190791 CEL  
 02-PP-M-cells GSM190790 CEL  
 01-PP-M-cells GSM190789 CEL







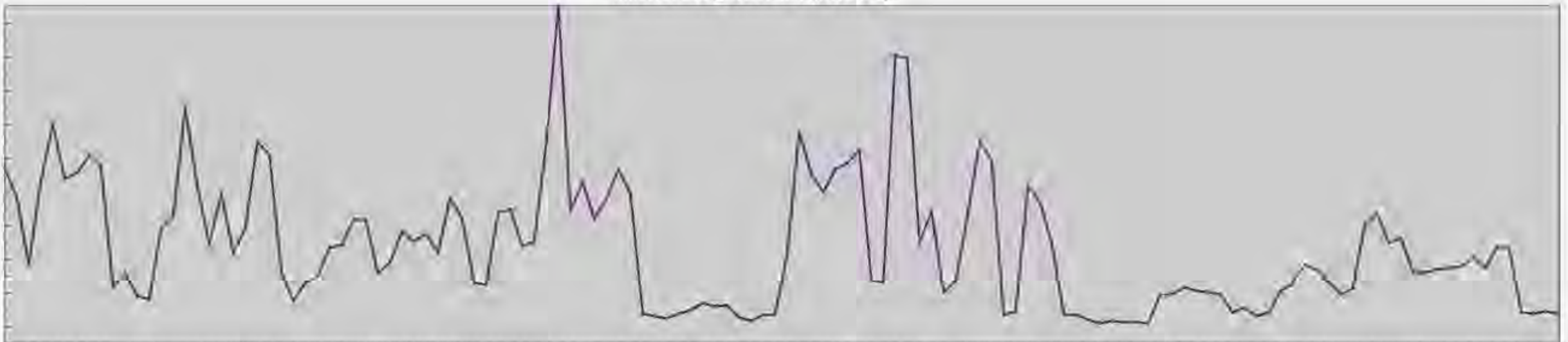








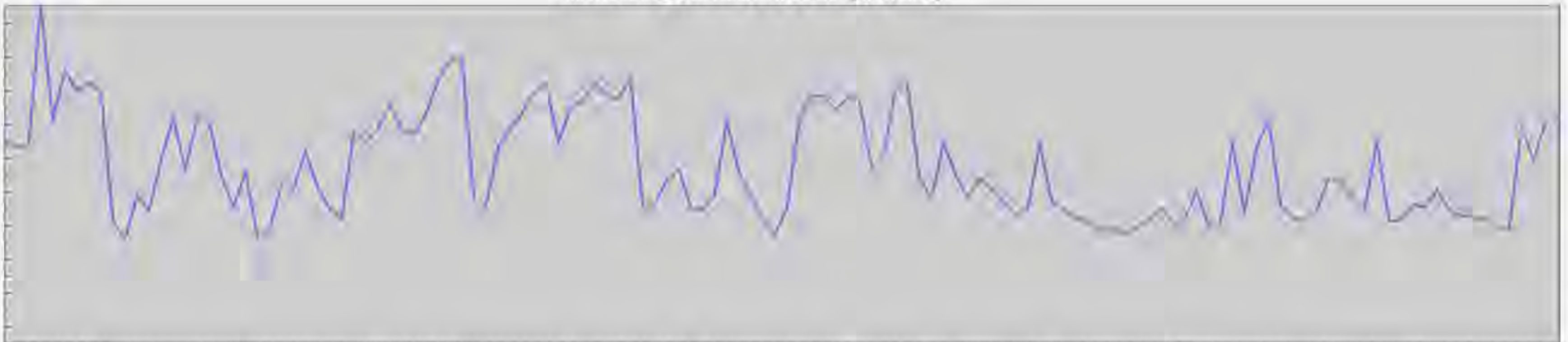
Cluster0330\_Uncertain (7 nodes)



130-NALT GSM289411.CEL  
 129-NALT GSM289410.CEL  
 128-NALT GSM289409.CEL  
 127-NALT GSM289408.CEL  
 126-Colon-d9 GSM1988105.CEL  
 125-Colon-d9 GSM1988104.CEL  
 124-Colon-d9 GSM1988103.CEL  
 123-Colon-d4 GSM1988102.CEL  
 122-Colon-d4 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
 120-Intestine-large GSM258675.CEL  
 119-Intestine-small GSM258678.CEL  
 118-Intestine-small GSM258692.CEL  
 117-Lymph-nodes GSM258691.CEL  
 116-Lymph-nodes GSM258725.CEL  
 115-Spleen GSM258768.CEL  
 114-Spleen GSM258767.CEL  
 113-Neuro2a GSM258728.CEL  
 112-Neuro2a GSM258727.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mim6 GSM258726.CEL  
 109-mim6 GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
 107-MIMCD3 GSM258723.CEL  
 106-Bruce4 GSM258656.CEL  
 105-Bruce4 GSM258655.CEL  
 104-C2C12 GSM258690.CEL  
 103-C2C12 GSM258689.CEL  
 102-NH3T3 GSM258739.CEL  
 101-NH3T3 GSM258738.CEL  
 100-3T3-L1 GSM258610.CEL  
 99-3T3-L1 GSM258609.CEL  
 98-10T12 GSM258632.CEL  
 97-10T12 GSM258631.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d21 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
 93-Osteoblast-d14 GSM258737.CEL  
 92-Osteoblast-d5 GSM258742.CEL  
 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
 89-Chondrocytes GSM266740.CEL  
 88-Nat Helper cell GSM465594.CEL  
 87-Nat Helper cell GSM465593.CEL  
 86-TT cell GSM465596.CEL  
 85-MS-1 GSM234692.CEL  
 84-Lymph-endc-cells GSM143704.CEL  
 83-PP-FDC GSM481977.CEL  
 82-PP-FDC GSM481978.CEL  
 81-PP-FDC GSM481976.CEL  
 80-F-LY RMLNDCC003001.CEL  
 79-F-LY RMLNDCC003001.CEL  
 78-Follicular-Bcells GSM258664.CEL  
 77-Follicular-Bcells GSM258663.CEL  
 76-MZ-Bcell GSM258622.CEL  
 75-MZ-Bcell GSM258621.CEL  
 74-BAF3 GSM258620.CEL  
 73-BAF3 GSM258619.CEL  
 72-Tregs GSM258778.CEL  
 71-Tregs GSM258777.CEL  
 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258775.CEL  
 68-T-cells-CD4+ GSM258774.CEL  
 67-T-cells-CD4+ GSM258773.CEL  
 66-Thymocyte-DN GSM465595.CEL  
 65-Osteoclasts GSM258744.CEL  
 64-Osteoclasts GSM258743.CEL  
 63-Microglia GSM258721.CEL  
 62-Microglia GSM258721.CEL  
 61-PM-M-PS-7h GSM258706.CEL  
 60-PM-M-PS-7h GSM258706.CEL  
 59-PM-M-PS-7h GSM258705.CEL  
 58-PM-M-PS-7h GSM258702.CEL  
 57-PM-M-PS-6h GSM258700.CEL  
 56-PM-M-PS-6h GSM258699.CEL  
 55-BMM-LPS-6h GSM258699.CEL  
 54-BMM-LPS-6h GSM258699.CEL  
 53-BMM-LPS-6h GSM258699.CEL  
 52-Plasmacytoid-DC GSM258650.CEL  
 51-CD8a-DC GSM258649.CEL  
 50-CD8a-DC GSM258647.CEL  
 49-CD8a+DC GSM258646.CEL  
 48-CD8a+DC GSM258645.CEL  
 47-NK-cells GSM258732.CEL  
 46-NK-cells GSM258732.CEL  
 45-Mast-cells-IgE+Ad GSM258718.CEL  
 44-Mast-cells-IgE+Ad GSM258717.CEL  
 43-Mast-cells-IgE GSM258714.CEL  
 42-Mast-cells-IgE GSM258713.CEL  
 41-Mast-cells GSM258712.CEL  
 40-Granulocytes GSM258668.CEL  
 39-Granulocytes GSM258667.CEL  
 38-GMP GSM258666.CEL  
 37-GMP GSM258666.CEL  
 36-GMP GSM258665.CEL  
 35-CMP GSM258642.CEL  
 34-CMP GSM258641.CEL  
 33-MEP GSM258720.CEL  
 32-MEP GSM258719.CEL  
 31-HSC GSM258770.CEL  
 30-HSC GSM258770.CEL  
 29-Bone marrow GSM258628.CEL  
 28-Bone marrow GSM258627.CEL  
 27-Paneth-cells-GF-1 GSM116357.CEL  
 26-Paneth-cells-GF-1 GSM116350.CEL  
 25-Paneth-cells GSM116359.CEL  
 24-Paneth-cells GSM116359.CEL  
 23-Paneth-cells GSM318589.CEL  
 22-Paneth-cells GSM318590.CEL  
 21-Colon-Crypt GSM480375.CEL  
 20-Colon-Crypt GSM480374.CEL  
 19-Colon-Vill GSM480363.CEL  
 18-Colon-Vill GSM480362.CEL  
 17-Colon-IEC-GF GSM349880.CEL  
 16-Colon-IEC-GF GSM350375.CEL  
 15-Ileum-IEC-TGF GSM350376.CEL  
 14-Ileum-IEC GSM350371.CEL  
 13-Small-intestine-epithelium RMINEP002901.CEL  
 12-Small-intestine-epithelium RMINEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 10-FAE-RMPYEP001001.CEL  
 09-Ileum-IEC GSM190797.CEL  
 08-Ileum-IEC GSM190796.CEL  
 07-Ileum-IEC GSM190795.CEL  
 06-CT-v-M-cells GSM190794.CEL  
 05-CT-v-M-cells GSM190793.CEL  
 04-PP-M-cells GSM190792.CEL  
 03-PP-M-cells GSM190791.CEL  
 02-PP-M-cells GSM190790.CEL  
 01-PP-M-cells GSM190789.CEL



Cluster0331\_Uncertain-low in many (7 nodes)



130-NALT GSM289411.CEL  
 129-NALT GSM289410.CEL  
 128-NALT GSM289409.CEL  
 127-NALT GSM289408.CEL  
 126-Colon-d9 GSM1988105.CEL  
 125-Colon-d9 GSM1988104.CEL  
 124-Colon-d9 GSM1988103.CEL  
 123-Colon-d4 GSM1988102.CEL  
 122-Colon-d4 GSM1988101.CEL  
 121-Intestine-large GSM258676.CEL  
 120-Intestine-large GSM258675.CEL  
 119-Intestine-small GSM258678.CEL  
 118-Intestine-small GSM258677.CEL  
 117-Lymph-nodes GSM258691.CEL  
 116-Lymph-nodes GSM258692.CEL  
 115-Spleen GSM258767.CEL  
 114-Spleen GSM258767.CEL  
 113-Neuro2a GSM258727.CEL  
 112-Neuro2a GSM258727.CEL  
 111-Astrocytes GSM241898.CEL  
 110-mim6 GSM258726.CEL  
 109-mim6 GSM258725.CEL  
 108-MIMCD3 GSM258724.CEL  
 107-MIMCD3 GSM258723.CEL  
 106-Bruce4 GSM258656.CEL  
 105-Bruce4 GSM258656.CEL  
 104-C2C12 GSM258690.CEL  
 103-C2C12 GSM258629.CEL  
 102-NH3T3 GSM258739.CEL  
 101-NH3T3 GSM258739.CEL  
 100-3T3-L1 GSM258610.CEL  
 99-3T3-L1 GSM258609.CEL  
 98-10T12 GSM258631.CEL  
 97-10T12 GSM258631.CEL  
 96-Osteoblast-d21 GSM258740.CEL  
 95-Osteoblast-d21 GSM258739.CEL  
 94-Osteoblast-d14 GSM258738.CEL  
 93-Osteoblast-d14 GSM258737.CEL  
 92-Osteoblast-d5 GSM258742.CEL  
 91-Osteoblast-d5 GSM258741.CEL  
 90-Chondrocytes GSM266741.CEL  
 89-Chondrocytes GSM266740.CEL  
 88-Nat Helper cell GSM465594.CEL  
 87-Nat Helper cell GSM465593.CEL  
 86-LT cell GSM465596.CEL  
 85-MS-1 GSM234692.CEL  
 84-Lymph-endc-cells GSM143704.CEL  
 83-PP-FDC GSM481977.CEL  
 82-PP-FDC GSM481978.CEL  
 81-PP-FDC GSM481976.CEL  
 80-F-LY RMLNDCC003001.CEL  
 79-F-LY RMLNDCC003001.CEL  
 78-Follicular-Bcells GSM258664.CEL  
 77-Follicular-Bcells GSM258663.CEL  
 76-MZ-Bcell GSM258622.CEL  
 75-MZ-Bcell GSM258621.CEL  
 74-BAF3 GSM258620.CEL  
 73-BAF3 GSM258619.CEL  
 72-Tregs GSM258778.CEL  
 71-Tregs GSM258777.CEL  
 70-T-cells-CD8+ GSM258776.CEL  
 69-T-cells-CD8+ GSM258775.CEL  
 68-T-cells-CD4+ GSM258774.CEL  
 67-T-cells-CD4+ GSM258773.CEL  
 66-Thymocyte-DN GSM465595.CEL  
 65-Osteoclasts GSM258744.CEL  
 64-Osteoclasts GSM258743.CEL  
 63-Microglia GSM258721.CEL  
 62-Microglia GSM258721.CEL  
 61-PM-M-PS-7h GSM258706.CEL  
 60-PM-M-PS-7h GSM258706.CEL  
 59-PM-M-PS-7h GSM258705.CEL  
 58-PM-M-PS-6h GSM258702.CEL  
 57-PM-M-PS-6h GSM258702.CEL  
 56-PM-M-PS-6h GSM258699.CEL  
 55-PM-M-PS-6h GSM258699.CEL  
 54-PM-M-PS-6h GSM258699.CEL  
 53-PM-M-PS-6h GSM258699.CEL  
 52-PM-M-PS-6h GSM258699.CEL  
 51-PM-M-PS-6h GSM258699.CEL  
 50-CD8a-DC GSM258647.CEL  
 49-CD8a-DC GSM258647.CEL  
 48-CD8a+DC GSM258646.CEL  
 47-NK-cells GSM258732.CEL  
 46-NK-cells GSM258731.CEL  
 45-Mast-cells-IgE+Ad GSM258718.CEL  
 44-Mast-cells-IgE+Ad GSM258717.CEL  
 43-Mast-cells-IgE GSM258714.CEL  
 42-Mast-cells-IgE GSM258713.CEL  
 41-Mast-cells GSM258712.CEL  
 40-Granulocytes GSM258711.CEL  
 39-Granulocytes GSM258667.CEL  
 38-Granulocytes GSM258667.CEL  
 37-GMP GSM258666.CEL  
 36-GMP GSM258666.CEL  
 35-GMP GSM258665.CEL  
 34-GMP GSM258664.CEL  
 33-MEP GSM258720.CEL  
 32-MEP GSM258720.CEL  
 31-MEP GSM258720.CEL  
 30-HSC GSM258770.CEL  
 29-Bone marrow GSM258628.CEL  
 28-Bone marrow GSM258627.CEL  
 27-Paneth-cells-GF-1 GSM116357.CEL  
 26-Paneth-cells-GF-1 GSM116357.CEL  
 25-Paneth-cells GSM116350.CEL  
 24-Paneth-cells GSM116359.CEL  
 23-Paneth-cells GSM318589.CEL  
 22-Paneth-cells GSM318590.CEL  
 21-Colon-Crypt GSM480375.CEL  
 20-Colon-Crypt GSM480374.CEL  
 19-Colon-Vill GSM480363.CEL  
 18-Colon-Vill GSM480362.CEL  
 17-Colon-IEC-GF GSM349880.CEL  
 16-Colon-IEC-GF GSM350375.CEL  
 15-Ileum-IEC-GF GSM350376.CEL  
 14-Ileum-IEC GSM350371.CEL  
 13-Small-intestine-epithelium RMINEP002901.CEL  
 12-Small-intestine-epithelium RMINEP001001.CEL  
 11-FAE RMPYEP002001.CEL  
 10-FAE RMPYEP001001.CEL  
 09-Ileum-IEC GSM190797.CEL  
 08-Ileum-IEC GSM190796.CEL  
 07-Ileum-IEC GSM190795.CEL  
 06-CT-v-M-cells GSM190794.CEL  
 05-CT-v-M-cells GSM190793.CEL  
 04-PP-M-cells GSM190792.CEL  
 03-PP-M-cells GSM190791.CEL  
 02-PP-M-cells GSM190790.CEL  
 01-PP-M-cells GSM190789.CEL



Cluster0332\_Mesenchyme-related/extracellular matrix (7 nodes)

2,540.1  
2,408.4  
2,272.7  
2,139.1  
2,005.4  
1,871.7  
1,738  
1,604.3  
1,470.6  
1,336.9  
1,203.2  
1,069.5  
935.8  
802.1  
668.5  
534.8  
401.1  
267.4  
133.7  
0

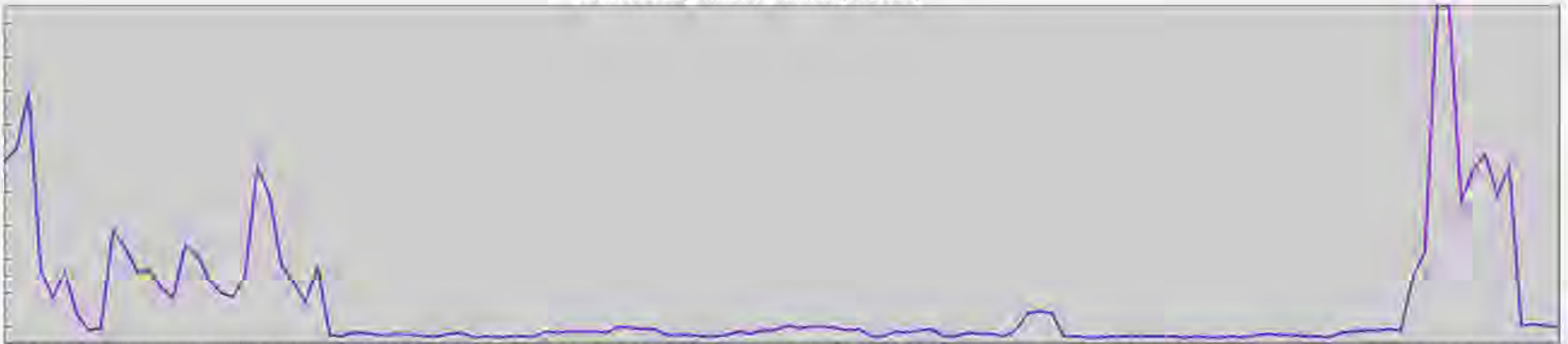


130	NALT	GSM289411	CEL
129	NALT	GSM289410	CEL
128	NALT	GSM289409	CEL
127	NALT	GSM289408	CEL
126	Colon-d9	GSM1988104	CEL
125	Colon-d9	GSM1988103	CEL
124	Colon-d9	GSM1988102	CEL
123	Colon-d4	GSM1988101	CEL
122	Colon-d4	GSM1988100	CEL
121	Intestine-large	GSM258676	CEL
120	Intestine-large	GSM258675	CEL
119	Intestine-small	GSM258674	CEL
118	Intestine-small	GSM258673	CEL
117	Lymph-nodes	GSM258672	CEL
116	Lymph-nodes	GSM258671	CEL
115	Spleen	GSM258670	CEL
114	Spleen	GSM258669	CEL
113	Neuro2a	GSM241898	CEL
112	Neuro2a	GSM241897	CEL
111	Astrocytes	GSM241896	CEL
110	mim6	GSM258726	CEL
109	mim6	GSM258725	CEL
108	MIMCD3	GSM258724	CEL
107	MIMCD3	GSM258723	CEL
106	Bruce4	GSM258666	CEL
105	Bruce4	GSM258665	CEL
104	C2C12	GSM258664	CEL
103	C2C12	GSM258663	CEL
102	NH3T3	GSM258730	CEL
101	NH3T3	GSM258729	CEL
100	3T3-L1	GSM258610	CEL
99	3T3-L1	GSM258609	CEL
98	10T12	GSM258632	CEL
97	10T12	GSM258631	CEL
96	Osteoblast-d21	GSM258740	CEL
95	Osteoblast-d21	GSM258739	CEL
94	Osteoblast-d14	GSM258738	CEL
93	Osteoblast-d14	GSM258737	CEL
92	Osteoblast-d5	GSM258742	CEL
91	Osteoblast-d5	GSM258741	CEL
90	Chondrocytes	GSM266741	CEL
89	Chondrocytes	GSM266740	CEL
88	Nat Helper cell	GSM465594	CEL
87	Nat Helper cell	GSM465593	CEL
86	Tt cell	GSM465596	CEL
85	MS-1	GSM234692	CEL
84	Lymph-endo-cells	GSM143704	CEL
83	PP-FDC	GSM481977	CEL
82	PP-FDC	GSM481978	CEL
81	PP-FDC	GSM481976	CEL
80	F-LY	RMLNDC003001	CEL
79	F-LY	RMLNDC003001	CEL
78	Follicular-Bcells	GSM258664	CEL
77	Follicular-Bcells	GSM258663	CEL
76	MZ-Bcell	GSM258622	CEL
75	MZ-Bcell	GSM258621	CEL
74	BAF3	GSM258620	CEL
73	BAF3	GSM258619	CEL
72	Tregs	GSM258778	CEL
71	T-cells-CD8+	GSM258777	CEL
70	T-cells-CD8+	GSM258776	CEL
69	T-cells-CD4+	GSM258774	CEL
68	T-cells-CD4+	GSM258773	CEL
67	T-cells-CD4+	GSM258744	CEL
66	Thymocyte-DN	GSM465595	CEL
65	Osteoclasts	GSM258743	CEL
64	Microglia	GSM258721	CEL
63	Microglia	GSM258720	CEL
62	MM-LPS-7h	GSM268706	CEL
61	MM-LPS-7h	GSM268705	CEL
60	MM-LPS-6h	GSM268702	CEL
59	MM-LPS-6h	GSM268701	CEL
58	MM-LPS-6h	GSM268699	CEL
57	MM-LPS-6h	GSM268698	CEL
56	MM-LPS-6h	GSM268697	CEL
55	MM-LPS-6h	GSM268696	CEL
54	MM-LPS-6h	GSM268695	CEL
53	MM-LPS-6h	GSM268694	CEL
52	MM-LPS-6h	GSM268693	CEL
51	MM-LPS-6h	GSM268692	CEL
50	CD8a-DC	GSM258647	CEL
49	CD8a-DC	GSM258646	CEL
48	CD8a+DC	GSM258645	CEL
47	NK-cells	GSM258732	CEL
46	NK-cells	GSM258731	CEL
45	Mast-cells-IgE+Ad	GSM258719	CEL
44	Mast-cells-IgE+Ad	GSM258718	CEL
43	Mast-cells-IgE	GSM258714	CEL
42	Mast-cells-IgE	GSM258713	CEL
41	Mast-cells	GSM258712	CEL
40	Granulocytes	GSM258667	CEL
39	Granulocytes	GSM258666	CEL
38	GMP	GSM258665	CEL
37	GMP	GSM258664	CEL
36	GMP	GSM258663	CEL
35	GMP	GSM258662	CEL
34	GMP	GSM258661	CEL
33	GMP	GSM258660	CEL
32	GMP	GSM258659	CEL
31	Colon-Crypt	GSM480374	CEL
30	Colon-Crypt	GSM480375	CEL
29	Colon-Vill	GSM480363	CEL
28	Colon-Vill	GSM480362	CEL
27	Colon-Vill	GSM349880	CEL
26	Colon-Vill	GSM349879	CEL
25	Colon-Vill	GSM349878	CEL
24	Colon-Vill	GSM349877	CEL
23	Colon-Vill	GSM349876	CEL
22	Colon-Vill	GSM349875	CEL
21	Colon-Vill	GSM349874	CEL
20	Colon-Vill	GSM349873	CEL
19	Colon-Vill	GSM349872	CEL
18	Colon-Vill	GSM349871	CEL
17	Colon-Vill	GSM349870	CEL
16	Colon-Vill	GSM349869	CEL
15	Colon-Vill	GSM349868	CEL
14	Colon-Vill	GSM349867	CEL
13	Small-intestine-epithelium	RMINEP002001	CEL
12	Small-intestine-epithelium	RMINEP001001	CEL
11	FAE	RMPYEP002001	CEL
10	FAE	RMPYEP001001	CEL
09	Ileum-IEC	GSM190797	CEL
08	Ileum-IEC	GSM190796	CEL
07	Ileum-IEC	GSM190795	CEL
06	Ileum-IEC	GSM190794	CEL
05	Ileum-IEC	GSM190793	CEL
04	Ileum-IEC	GSM190792	CEL
03	Ileum-IEC	GSM190791	CEL
02	Ileum-IEC	GSM190790	CEL
01	Ileum-IEC	GSM190789	CEL



Cluster0333\_intestine-related (7 nodes)

1,453.7  
 1,377.1  
 1,300.6  
 1,224.1  
 1,147.6  
 1,071.1  
 994.6  
 918.1  
 841.6  
 765.1  
 688.6  
 612.1  
 535.6  
 459  
 382.5  
 306  
 229.5  
 153  
 76.5  
 0

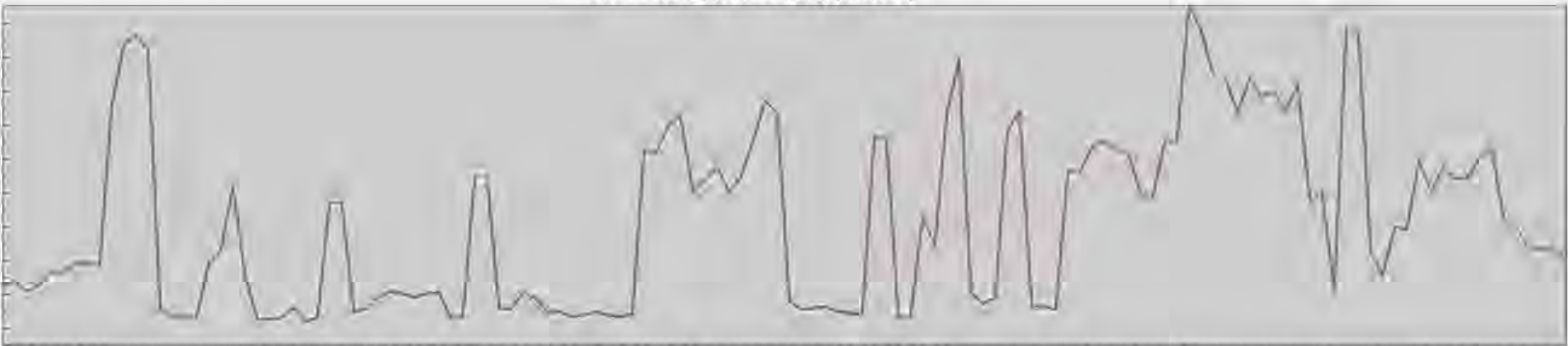


01-PP-M-cells\_GSM190789.CEL  
 02-PP-M-cells\_GSM190790.CEL  
 03-PP-M-cells\_GSM190791.CEL  
 04-CT-v-M-cells\_GSM190792.CEL  
 05-CT-v-M-cells\_GSM190793.CEL  
 06-CT-v-M-cells\_GSM190794.CEL  
 07-Ileum-IEC\_GSM190795.CEL  
 08-Ileum-IEC\_GSM190796.CEL  
 09-Ileum-IEC\_GSM190797.CEL  
 10-FAE-RMPYEP001001.CEL  
 11-FAE-RMPYEP002001.CEL  
 12-SmallIntestine-epithelium\_RMINEP001001.CEL  
 13-SmallIntestine-epithelium\_RMINEP002001.CEL  
 14-Ileum-IEC\_GSM350371.CEL  
 15-Ileum-IEC\_GSM350375.CEL  
 16-Colon-IEC-Gf\_GSM349880.CEL  
 17-Colon-VIII\_GSM480362.CEL  
 18-Colon-VIII\_GSM480363.CEL  
 19-Colon-VIII\_GSM480364.CEL  
 20-Colon-Crypt\_GSM480374.CEL  
 21-Colon-Crypt\_GSM480375.CEL  
 22-Paneth-cells\_GSM318590.CEL  
 23-Paneth-cells\_GSM318589.CEL  
 24-Paneth-cells\_GSM116350.CEL  
 25-Paneth-cells\_GSM116359.CEL  
 26-Paneth-cells-Gf-1\_GSM116357.CEL  
 27-Paneth-cells-Gf-1\_GSM116358.CEL  
 28-Bone marrow\_GSM258627.CEL  
 29-Bone marrow\_GSM258628.CEL  
 30-HSC\_GSM258770.CEL  
 31-HSC\_GSM258771.CEL  
 32-MEP\_GSM258772.CEL  
 33-MEP\_GSM258773.CEL  
 34-MEP\_GSM258774.CEL  
 35-MEP\_GSM258775.CEL  
 36-MEP\_GSM258776.CEL  
 37-MEP\_GSM258777.CEL  
 38-Granulocytes\_GSM258667.CEL  
 39-Granulocytes\_GSM258668.CEL  
 40-Mast-cells\_GSM258712.CEL  
 41-Mast-cells\_GSM258713.CEL  
 42-Mast-cells-Gf\_GSM258714.CEL  
 43-Mast-cells-Gf\_GSM258715.CEL  
 44-Mast-cells-Gf+Ad\_GSM258718.CEL  
 45-Mast-cells-Gf+Ad\_GSM258719.CEL  
 46-NK-cells\_GSM258732.CEL  
 47-NK-cells\_GSM258733.CEL  
 48-CD8a+DC\_GSM258646.CEL  
 49-CD8a+DC\_GSM258647.CEL  
 50-CD8a-DC\_GSM258647.CEL  
 51-CD8a-DC\_GSM258647.CEL  
 52-Plasmacytoid-DC\_GSM258650.CEL  
 53-Plasmacytoid-DC\_GSM258649.CEL  
 54-BMM-GSM258694.CEL  
 55-BMM-GSM258694.CEL  
 56-BMM-LPS-6h\_GSM258699.CEL  
 57-BMM-LPS-6h\_GSM258700.CEL  
 58-BMM-LPS-7h\_GSM258702.CEL  
 59-BMM-LPS-7h\_GSM258702.CEL  
 60-BMM-LPS-7h\_GSM258706.CEL  
 61-BMM-LPS-7h\_GSM258706.CEL  
 62-Microglia\_GSM258721.CEL  
 63-Microglia\_GSM258721.CEL  
 64-Osteoclasts\_GSM258743.CEL  
 65-Osteoclasts\_GSM258744.CEL  
 66-Thymocyte-DN\_GSM465595.CEL  
 67-T-cells-CD4+\_GSM258773.CEL  
 68-T-cells-CD4+\_GSM258774.CEL  
 69-T-cells-CD8+\_GSM258775.CEL  
 70-T-cells-CD8+\_GSM258776.CEL  
 71-Tregs\_GSM258778.CEL  
 72-Tregs\_GSM258778.CEL  
 73-BAF3\_GSM258620.CEL  
 74-BAF3\_GSM258620.CEL  
 75-MZ-Bcell\_GSM258622.CEL  
 76-MZ-Bcell\_GSM258622.CEL  
 77-Follicular-Bcells\_GSM258664.CEL  
 78-Follicular-Bcells\_GSM258664.CEL  
 79-E-LY-RMLNDC002001.CEL  
 80-E-LY-RMLNDC003001.CEL  
 81-PP-FDC\_GSM481976.CEL  
 82-PP-FDC\_GSM481976.CEL  
 83-PP-FDC\_GSM481977.CEL  
 84-Lymph-endo-cells\_GSM143704.CEL  
 85-MS-1\_GSM234692.CEL  
 86-LTcell\_GSM465596.CEL  
 87-NatHelpercell\_GSM465593.CEL  
 88-NatHelpercell\_GSM465594.CEL  
 89-Chondrocytes\_GSM266741.CEL  
 90-Chondrocytes\_GSM266741.CEL  
 91-Osteoblast-d5\_GSM258741.CEL  
 92-Osteoblast-d5\_GSM258742.CEL  
 93-Osteoblast-d14\_GSM258737.CEL  
 94-Osteoblast-d21\_GSM258738.CEL  
 95-Osteoblast-d21\_GSM258739.CEL  
 96-Osteoblast-d21\_GSM258740.CEL  
 97-10T12\_GSM258632.CEL  
 98-10T12\_GSM258632.CEL  
 99-3T3-L1\_GSM258609.CEL  
 100-3T3-L1\_GSM258610.CEL  
 101-NH3T3\_GSM258739.CEL  
 102-NH3T3\_GSM258739.CEL  
 103-C2C12\_GSM258629.CEL  
 104-C2C12\_GSM258630.CEL  
 105-Bruce4\_GSM258690.CEL  
 106-Bruce4\_GSM258690.CEL  
 107-MIMCD3\_GSM258723.CEL  
 108-MIMCD3\_GSM258723.CEL  
 109-mim6\_GSM258725.CEL  
 110-mim6\_GSM258726.CEL  
 111-Astrocytes\_GSM241898.CEL  
 112-Astrocytes\_GSM241898.CEL  
 113-Spleen\_GSM258767.CEL  
 114-Spleen\_GSM258767.CEL  
 115-Lymph-nodes\_GSM258691.CEL  
 116-Lymph-nodes\_GSM258691.CEL  
 117-Lymph-nodes\_GSM258691.CEL  
 118-Intestine-small\_GSM258677.CEL  
 119-Intestine-small\_GSM258677.CEL  
 120-Intestine-large\_GSM258675.CEL  
 121-Intestine-large\_GSM258675.CEL  
 122-Intestine-large\_GSM258676.CEL  
 123-Colon-d4\_GSM198810.CEL  
 124-Colon-d4\_GSM198810.CEL  
 125-Colon-d9\_GSM198810.CEL  
 126-Colon-d9\_GSM198810.CEL  
 127-NALT\_GSM289408.CEL  
 128-NALT\_GSM289409.CEL  
 129-NALT\_GSM289410.CEL  
 130-NALT\_GSM289411.CEL



Cluster0334\_House keeping (7 nodes)

595.2  
563.9  
532.5  
501.2  
469.9  
438.6  
407.2  
375.9  
344.6  
313.3  
281.9  
250.6  
219.3  
188  
158.6  
125.3  
94  
62.7  
31.3  
0



130- NALT GSM2899411.CEL  
129- NALT GSM2899410.CEL  
128- NALT GSM2899409.CEL  
127- NALT GSM2899408.CEL  
126- Colon-d9 GSM1988105.CEL  
125- Colon-d9 GSM1988104.CEL  
124- Colon-d9 GSM1988103.CEL  
123- Colon-d4 GSM1988102.CEL  
122- Colon-d4 GSM1988101.CEL  
121- Intestine-large GSM258676.CEL  
120- Intestine-large GSM258675.CEL  
119- Intestine-small GSM258678.CEL  
118- Intestine-small GSM258692.CEL  
117- Lymph-nodes GSM258691.CEL  
116- Spleen GSM258766.CEL  
115- Spleen GSM258767.CEL  
114- Neuro2a GSM258728.CEL  
113- Neuro2a GSM258729.CEL  
112- Astrocytes GSM241898.CEL  
111- Astrocytes GSM241899.CEL  
110- mimb GSM258726.CEL  
109- mimb GSM258725.CEL  
108- MIMCD3 GSM258724.CEL  
107- MIMCD3 GSM258723.CEL  
106- Bruce4 GSM258656.CEL  
105- Bruce4 GSM258655.CEL  
104- C2C12 GSM258690.CEL  
103- C2C12 GSM258629.CEL  
102- NIH3T3 GSM258730.CEL  
101- NIH3T3 GSM258729.CEL  
100- 3T3-L1 GSM258610.CEL  
99- 3T3-L1 GSM258609.CEL  
98- 10T12 GSM258632.CEL  
97- 10T12 GSM258631.CEL  
96- Osteoblast-d21 GSM258740.CEL  
95- Osteoblast-d21 GSM258739.CEL  
94- Osteoblast-d14 GSM258738.CEL  
93- Osteoblast-d14 GSM258737.CEL  
92- Osteoblast-d5 GSM258742.CEL  
91- Osteoblast-d5 GSM258741.CEL  
90- Chondrocytes GSM266741.CEL  
89- Chondrocytes GSM266740.CEL  
88- Nat Helper cell GSM465594.CEL  
87- Nat Helper cell GSM465593.CEL  
86- Tt cell GSM465596.CEL  
85- MS-1 GSM234692.CEL  
84- Lymph-endo-cells GSM143704.CEL  
83- PP-FDC GSM481977.CEL  
82- PP-FDC GSM481978.CEL  
81- PP-FDC GSM481976.CEL  
80- FLY RMLNDCC003001.CEL  
79- FLY RMLNDCC003001.CEL  
78- Follicular-Bcells GSM258664.CEL  
77- Follicular-Bcells GSM258665.CEL  
76- MZ-Bcell GSM258622.CEL  
75- MZ-Bcell GSM258621.CEL  
74- BAF3 GSM258620.CEL  
73- BAF3 GSM258619.CEL  
72- Tregs GSM258778.CEL  
71- Tregs GSM258777.CEL  
70- T-cells-CD8+ GSM258776.CEL  
69- T-cells-CD8+ GSM258775.CEL  
68- T-cells-CD4+ GSM258774.CEL  
67- T-cells-CD4+ GSM258773.CEL  
66- Thymocyte-DN GSM465595.CEL  
65- Osteoclasts GSM258744.CEL  
64- Microglia GSM258721.CEL  
63- Microglia GSM258721.CEL  
62- MM-LPS-7h GSM268706.CEL  
61- MM-LPS-7h GSM268705.CEL  
60- MM-LPS-6h GSM258702.CEL  
59- MM-LPS-6h GSM258701.CEL  
58- MM-LPS-6h GSM258699.CEL  
57- MM-LPS-6h GSM258699.CEL  
56- BMM-LPS-6h GSM258694.CEL  
55- BMM-LPS-6h GSM258694.CEL  
54- BMM-LPS-6h GSM258694.CEL  
53- BMM-LPS-6h GSM258694.CEL  
52- BMM-LPS-6h GSM258694.CEL  
51- BMM-LPS-6h GSM258694.CEL  
50- CD8a-DC GSM258647.CEL  
49- CD8a-DC GSM258647.CEL  
48- CD8a+DC GSM258646.CEL  
47- NK-cells GSM258732.CEL  
46- NK-cells GSM258731.CEL  
45- Mast-cells-IgE+Ad GSM258718.CEL  
44- Mast-cells-IgE+Ad GSM258717.CEL  
43- Mast-cells-IgE GSM258714.CEL  
42- Mast-cells-IgE GSM258713.CEL  
41- Mast-cells GSM258712.CEL  
40- Mast-cells GSM258711.CEL  
39- Granulocytes GSM258668.CEL  
38- Granulocytes GSM258667.CEL  
37- GMP GSM258666.CEL  
36- GMP GSM258666.CEL  
35- GMP GSM258666.CEL  
34- GMP GSM258666.CEL  
33- MIEP GSM2588720.CEL  
32- MIEP GSM2588720.CEL  
31- HSC GSM2588719.CEL  
30- HSC GSM2588719.CEL  
29- Bone marrow GSM258628.CEL  
28- Bone marrow GSM258627.CEL  
27- paneth-cells-GE GSM116358.CEL  
26- paneth-cells-GE GSM116357.CEL  
25- paneth-cells GSM116350.CEL  
24- paneth-cells GSM116359.CEL  
23- paneth-cells GSM318589.CEL  
22- paneth-cells GSM318590.CEL  
21- Colon-Crypt GSM480375.CEL  
20- Colon-Crypt GSM480374.CEL  
19- Colon-Vill GSM480363.CEL  
18- Colon-Vill GSM480362.CEL  
17- Colon-IEC-GE GSM349880.CEL  
16- Colon-IEC-GE GSM350375.CEL  
15- Ileum-IEC GSM350376.CEL  
14- Ileum-IEC GSM350371.CEL  
13- Small-intestine-epithelium RMINEP002001.CEL  
12- Small-intestine-epithelium RMINEP001001.CEL  
11- FAE RMPYEP002001.CEL  
10- FAE RMPYEP001001.CEL  
09- Ileum-IEC GSM190797.CEL  
08- Ileum-IEC GSM190796.CEL  
07- Ileum-IEC GSM190795.CEL  
06- CT-v-M-cells GSM190794.CEL  
05- CT-v-M-cells GSM190793.CEL  
04- CT-v-M-cells GSM190792.CEL  
03- PP-M-cells GSM190791.CEL  
02- PP-M-cells GSM190790.CEL  
01- PP-M-cells GSM190789.CEL



Cluster0335\_Small intestine-related (7 nodes)

10,675.4  
10,113.5  
9,551.7  
8,989.8  
8,428  
7,868.1  
7,304.2  
6,742.4  
6,180.5  
5,618.6  
5,056.8  
4,494.9  
3,933  
3,371.2  
2,809.3  
2,247.5  
1,685.6  
1,123.7  
561.9  
0

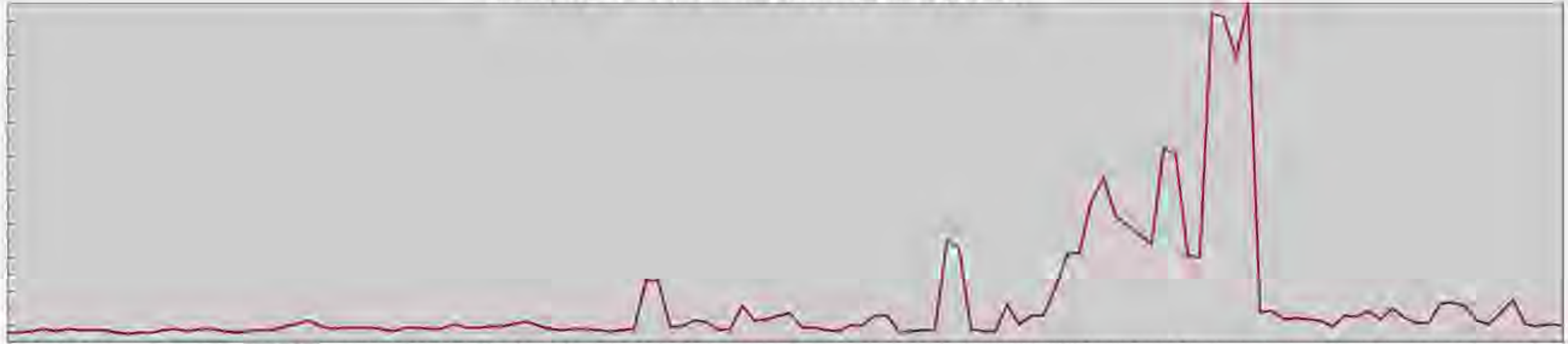


101	PP-M-cells	GSM190789	CEL
102	PP-M-cells	GSM190790	CEL
04	CT-v-M-cells	GSM190792	CEL
05	CT-v-M-cells	GSM190793	CEL
06	CT-v-M-cells	GSM190794	CEL
07	Ileum-EC	GSM190795	CEL
08	Ileum-EC	GSM190796	CEL
09	Ileum-EC	GSM190797	CEL
10	FAE-RMP	GSM190798	CEL
11	FAE-RMP	GSM190799	CEL
12	Small intestine-epithelium	RMINEP001001	CEL
13	Small intestine-epithelium	RMINEP002001	CEL
14	Ileum-EC	GSM350371	CEL
15	Colon-EC	GSM350375	CEL
16	Colon-VIII	GSM480362	cel
17	Colon-VIII	GSM480363	cel
18	Colon-VIII	GSM480364	cel
19	Colon-VIII	GSM480365	cel
20	Colon-Crypt	GSM480374	cel
21	Colon-Crypt	GSM480375	cel
22	Paneth-cells	GSM318589	CEL
23	Paneth-cells	GSM318590	CEL
24	Paneth-cells	GSM116359	CEL
25	Paneth-cells	GSM116360	CEL
26	Paneth-cells	GSM116361	CEL
27	Paneth-cells	GSM116362	CEL
28	Bone marrow	GSM258627	CEL
29	Bone marrow	GSM258628	CEL
30	NALT	GSM289410	CEL
31	NALT	GSM289411	CEL
32	NALT	GSM289412	CEL
33	NALT	GSM289413	CEL
34	Color-d9	GSM198810	CEL
35	Color-d9	GSM198811	CEL
36	Color-d9	GSM198812	CEL
37	Color-d4	GSM198813	CEL
38	Color-d4	GSM198814	CEL
39	Color-d4	GSM198815	CEL
40	Intestine-large	GSM258675	CEL
41	Intestine-large	GSM258676	CEL
42	Intestine-small	GSM258677	CEL
43	Intestine-small	GSM258678	CEL
44	Spleen	GSM258679	CEL
45	Spleen	GSM258680	CEL
46	Neuro2a	GSM241898	CEL
47	Neuro2a	GSM241899	CEL
48	Astrocytes	GSM241900	CEL
49	ming	GSM258726	CEL
50	ming	GSM258727	CEL
51	ming	GSM258728	CEL
52	MIMCD3	GSM258729	CEL
53	MIMCD3	GSM258730	CEL
54	MIMCD3	GSM258731	CEL
55	Bruce4	GSM258732	CEL
56	Bruce4	GSM258733	CEL
57	C2C12	GSM258734	CEL
58	C2C12	GSM258735	CEL
59	NH3T3	GSM258736	CEL
60	NH3T3	GSM258737	CEL
61	3T3-L1	GSM258610	CEL
62	3T3-L1	GSM258609	CEL
63	10T1/2	GSM258632	CEL
64	10T1/2	GSM258631	CEL
65	Osteoblast-d21	GSM258740	CEL
66	Osteoblast-d21	GSM258739	CEL
67	Osteoblast-d14	GSM258738	CEL
68	Osteoblast-d14	GSM258737	CEL
69	Osteoblast-d5	GSM258742	CEL
70	Osteoblast-d5	GSM258741	CEL
71	Chondrocytes	GSM258740	CEL
72	Chondrocytes	GSM258741	CEL
73	Nat Helper cell	GSM465594	CEL
74	Nat Helper cell	GSM465593	CEL
75	MS-1	GSM234692	CEL
76	Lymph-endo-cells	GSM143704	CEL
77	FDC	GSM481977	CEL
78	FDC	GSM481978	CEL
79	FDC	GSM481979	CEL
80	FDC	GSM481976	CEL
81	LY-RMLND	GSM258620	CEL
82	LY-RMLND	GSM258619	CEL
83	Tregs	GSM258778	CEL
84	Tregs	GSM258777	CEL
85	Tregs	GSM258776	CEL
86	T-cells-CD8+	GSM258775	CEL
87	T-cells-CD8+	GSM258774	CEL
88	T-cells-CD4+	GSM258773	CEL
89	T-cells-CD4+	GSM258772	CEL
90	Thymocyte-DN	GSM465595	CEL
91	Osteoclasts	GSM258743	CEL
92	Osteoclasts	GSM258744	CEL
93	Microglia	GSM258721	CEL
94	Microglia	GSM258720	CEL
95	PS-7h	GSM258705	CEL
96	PS-7h	GSM258704	CEL
97	PS-6h	GSM258703	CEL
98	PS-6h	GSM258702	CEL
99	PS-6h	GSM258699	CEL
100	PS-6h	GSM258694	CEL
101	PS-6h	GSM258693	CEL
102	PS-6h	GSM258692	CEL
103	PS-6h	GSM258691	CEL
104	PS-6h	GSM258690	CEL
105	PS-6h	GSM258689	CEL
106	PS-6h	GSM258688	CEL
107	PS-6h	GSM258687	CEL
108	PS-6h	GSM258686	CEL
109	PS-6h	GSM258685	CEL
110	PS-6h	GSM258684	CEL
111	PS-6h	GSM258683	CEL
112	PS-6h	GSM258682	CEL
113	PS-6h	GSM258681	CEL
114	PS-6h	GSM258680	CEL
115	PS-6h	GSM258679	CEL
116	PS-6h	GSM258678	CEL
117	PS-6h	GSM258677	CEL
118	PS-6h	GSM258676	CEL
119	PS-6h	GSM258675	CEL
120	PS-6h	GSM258674	CEL
121	PS-6h	GSM258673	CEL
122	PS-6h	GSM258672	CEL
123	PS-6h	GSM258671	CEL
124	PS-6h	GSM258670	CEL
125	PS-6h	GSM258669	CEL
126	PS-6h	GSM258668	CEL
127	PS-6h	GSM258667	CEL
128	PS-6h	GSM258666	CEL
129	PS-6h	GSM258665	CEL
130	PS-6h	GSM258664	CEL
131	PS-6h	GSM258663	CEL
132	PS-6h	GSM258662	CEL
133	PS-6h	GSM258661	CEL
134	PS-6h	GSM258660	CEL
135	PS-6h	GSM258659	CEL
136	PS-6h	GSM258658	CEL
137	PS-6h	GSM258657	CEL
138	PS-6h	GSM258656	CEL
139	PS-6h	GSM258655	CEL
140	PS-6h	GSM258654	CEL
141	PS-6h	GSM258653	CEL
142	PS-6h	GSM258652	CEL
143	PS-6h	GSM258651	CEL
144	PS-6h	GSM258650	CEL
145	PS-6h	GSM258649	CEL
146	PS-6h	GSM258648	CEL
147	PS-6h	GSM258647	CEL
148	PS-6h	GSM258646	CEL
149	PS-6h	GSM258645	CEL
150	PS-6h	GSM258644	CEL
151	PS-6h	GSM258643	CEL
152	PS-6h	GSM258642	CEL
153	PS-6h	GSM258641	CEL
154	PS-6h	GSM258640	CEL
155	PS-6h	GSM258639	CEL
156	PS-6h	GSM258638	CEL
157	PS-6h	GSM258637	CEL
158	PS-6h	GSM258636	CEL
159	PS-6h	GSM258635	CEL
160	PS-6h	GSM258634	CEL
161	PS-6h	GSM258633	CEL
162	PS-6h	GSM258632	CEL
163	PS-6h	GSM258631	CEL
164	PS-6h	GSM258630	CEL
165	PS-6h	GSM258629	CEL
166	PS-6h	GSM258628	CEL
167	PS-6h	GSM258627	CEL
168	PS-6h	GSM258626	CEL
169	PS-6h	GSM258625	CEL
170	PS-6h	GSM258624	CEL
171	PS-6h	GSM258623	CEL
172	PS-6h	GSM258622	CEL
173	PS-6h	GSM258621	CEL
174	PS-6h	GSM258620	CEL
175	PS-6h	GSM258619	CEL
176	PS-6h	GSM258618	CEL
177	PS-6h	GSM258617	CEL
178	PS-6h	GSM258616	CEL
179	PS-6h	GSM258615	CEL
180	PS-6h	GSM258614	CEL
181	PS-6h	GSM258613	CEL
182	PS-6h	GSM258612	CEL
183	PS-6h	GSM258611	CEL
184	PS-6h	GSM258610	CEL
185	PS-6h	GSM258609	CEL
186	PS-6h	GSM258608	CEL
187	PS-6h	GSM258607	CEL
188	PS-6h	GSM258606	CEL
189	PS-6h	GSM258605	CEL
190	PS-6h	GSM258604	CEL
191	PS-6h	GSM258603	CEL
192	PS-6h	GSM258602	CEL
193	PS-6h	GSM258601	CEL
194	PS-6h	GSM258600	CEL
195	PS-6h	GSM258599	CEL
196	PS-6h	GSM258598	CEL
197	PS-6h	GSM258597	CEL
198	PS-6h	GSM258596	CEL
199	PS-6h	GSM258595	CEL
200	PS-6h	GSM258594	CEL



Cluster0336\_Mesenchyme-related/extracellular matrix (7 nodes)

991.6  
939.4  
887.2  
835  
782.8  
730.7  
678.5  
626.3  
574.1  
521.9  
469.7  
417.5  
365.3  
313.1  
260.9  
208.8  
156.6  
104.4  
52.2  
0

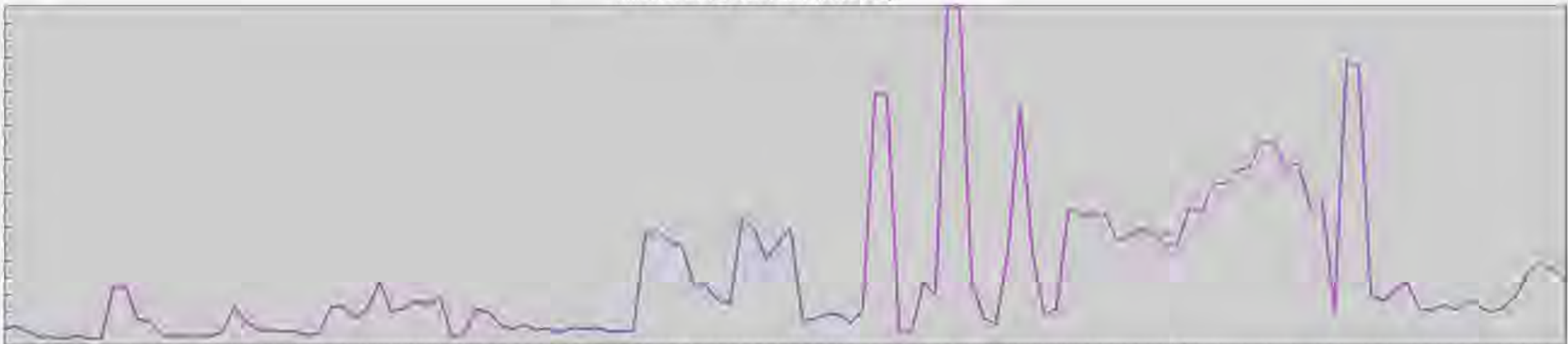


130- NALT GSM289411 CELL  
129- NALT GSM289410 CELL  
128- NALT GSM289409 CELL  
127- NALT GSM289408 CELL  
126- Colon-d9 GSM1988105 CELL  
125- Colon-d9 GSM1988104 CELL  
124- Colon-d9 GSM1988103 CELL  
123- Colon-d4 GSM1988102 CELL  
122- Colon-d4 GSM1988101 CELL  
121- Intestine-large GSM258676 CELL  
120- Intestine-large GSM258675 CELL  
119- Intestine-small GSM258674 CELL  
118- Intestine-small GSM258673 CELL  
117- Lymph-nodes GSM258672 CELL  
116- Lymph-nodes GSM258671 CELL  
115- Spleen GSM258767 CELL  
114- Spleen GSM258766 CELL  
113- Neuro2a GSM258728 CELL  
112- Neuro2a GSM258727 CELL  
111- Astrocytes GSM241898 CELL  
110- mimb GSM258726 CELL  
109- mimb GSM258725 CELL  
108- MIMCD3 GSM258724 CELL  
107- MIMCD3 GSM258723 CELL  
106- Bruce4 GSM258656 CELL  
105- Bruce4 GSM258655 CELL  
104- C2C12 GSM258690 CELL  
103- C2C12 GSM258689 CELL  
102- NIH3T3 GSM258739 CELL  
101- NIH3T3 GSM258738 CELL  
100- 3T3-L1 GSM258610 CELL  
99- 3T3-L1 GSM258609 CELL  
98- 10T1/2 GSM258632 CELL  
97- 10T1/2 GSM258631 CELL  
96- Osteoblast-d21 GSM258740 CELL  
95- Osteoblast-d21 GSM258739 CELL  
94- Osteoblast-d14 GSM258738 CELL  
93- Osteoblast-d14 GSM258737 CELL  
92- Osteoblast-d5 GSM258742 CELL  
91- Osteoblast-d5 GSM258741 CELL  
90- Chondrocytes GSM266741 CELL  
89- Chondrocytes GSM266740 CELL  
88- Nat Helper cell GSM465594 CELL  
87- Nat Helper cell GSM465593 CELL  
86- Tt cell GSM465596 CELL  
85- MS-1 GSM234692 CELL  
84- Lymph-endo-cells GSM143704 CELL  
83- PP-FDC GSM481977 CELL  
82- PP-FDC GSM481978 CELL  
81- PP-FDC GSM481976 CELL  
80- ELY RMLNDCC003001 CELL  
79- ELY RMLNDCC003001 CELL  
78- Follicular-Bcells GSM258664 CELL  
77- MZ-Bcell GSM258627 CELL  
76- MZ-Bcell GSM258627 CELL  
75- BAF3 GSM258620 CELL  
74- BAF3 GSM258619 CELL  
73- Tregs GSM258778 CELL  
72- Tregs GSM258777 CELL  
71- T-cells-CD8+ GSM258776 CELL  
70- T-cells-CD8+ GSM258774 CELL  
69- T-cells-CD4+ GSM258773 CELL  
68- T-cells-CD4+ GSM258744 CELL  
67- Thymocyte-DN GSM465595 CELL  
66- Osteoclasts GSM258743 CELL  
65- Microglia GSM258721 CELL  
64- Microglia GSM258721 CELL  
63- PMM-LPS-7h GSM268706 CELL  
62- PMM-LPS-7h GSM268705 CELL  
61- PMM-LPS-7h GSM268702 CELL  
60- PMM-LPS-6h GSM258701 CELL  
59- BMM-LPS-6h GSM258699 CELL  
58- BMM-LPS-6h GSM258699 CELL  
57- BMM-LPS-6h GSM258694 CELL  
56- BMM-LPS-6h GSM258694 CELL  
55- BMM-LPS-6h GSM258694 CELL  
54- BMM-LPS-6h GSM258694 CELL  
53- BMM-LPS-6h GSM258694 CELL  
52- BMM-LPS-6h GSM258694 CELL  
51- BMM-LPS-6h GSM258694 CELL  
50- CD8a-DC GSM258647 CELL  
49- CD8a-DC GSM258646 CELL  
48- CD8a+DC GSM258646 CELL  
47- NK-cells GSM258732 CELL  
46- NK-cells GSM258731 CELL  
45- Mast-cells-IgE+Ad GSM258719 CELL  
44- Mast-cells-IgE+Ad GSM258718 CELL  
43- Mast-cells-IgE GSM258714 CELL  
42- Mast-cells-IgE GSM258713 CELL  
41- Mast-cells-IgE GSM258712 CELL  
40- Mast-cells-IgE GSM258711 CELL  
39- Granulocytes GSM258667 CELL  
38- Granulocytes GSM258666 CELL  
37- GMP GSM258665 CELL  
36- GMP GSM258665 CELL  
35- GMP GSM258642 CELL  
34- GMP GSM258642 CELL  
33- MIEP GSM258720 CELL  
32- MIEP GSM258719 CELL  
31- HSC GSM258770 CELL  
30- HSC GSM258769 CELL  
29- Bone marrow GSM258628 CELL  
28- Bone marrow GSM258627 CELL  
27- paneth-cells-GE GSM116358 CELL  
26- paneth-cells-GE GSM116357 CELL  
25- paneth-cells-GE GSM116350 CELL  
24- paneth-cells-GE GSM116359 CELL  
23- paneth-cells-GE GSM318589 CELL  
22- paneth-cells-GE GSM318590 CELL  
21- Colon-Crypt GSM480375 CELL  
20- Colon-Crypt GSM480374 CELL  
19- Colon-Vill GSM480363 CELL  
18- Colon-Vill GSM480362 CELL  
17- Colon-IEC-GE GSM349880 CELL  
16- Colon-IEC-GE GSM350375 CELL  
15- Ileum-IEC-TGF GSM350376 CELL  
14- Ileum-IEC GSM350371 CELL  
13- Small-intestine-epithelium RMINEP002001 CELL  
12- Small-intestine-epithelium RMINEP001001 CELL  
11- FAE-RMPYEP002001 CELL  
10- FAE-RMPYEP001001 CELL  
09- Ileum-IEC GSM190797 CELL  
08- Ileum-IEC GSM190796 CELL  
07- Ileum-IEC GSM190795 CELL  
06- CT-v-M-cells GSM190794 CELL  
05- CT-v-M-cells GSM190793 CELL  
04- CT-v-M-cells GSM190792 CELL  
03- PP-M-cells GSM190791 CELL  
02- PP-M-cells GSM190790 CELL  
01- PP-M-cells GSM190789 CELL



Cluster0337\_Uncertain (7 nodes)

2,685.2  
2,543.9  
2,402.6  
2,261.3  
2,119.9  
1,978.6  
1,837.3  
1,695.9  
1,554.6  
1,413.3  
1,272  
1,130.6  
989.3  
848  
706.6  
565.3  
424  
282.7  
141.3  
0



130- NALT GSM289411 CEL  
129- NALT GSM289410 CEL  
128- NALT GSM289409 CEL  
127- NALT GSM289408 CEL  
126- Colon-d9 GSM1988105 CEL  
125- Colon-d9 GSM1988104 CEL  
124- Colon-d9 GSM1988103 CEL  
123- Colon-d4 GSM1988102 CEL  
122- Colon-d4 GSM1988101 CEL  
121- Intestine-large GSM258676 CEL  
120- Intestine-large GSM258675 CEL  
119- Intestine-small GSM258674 CEL  
118- Intestine-small GSM258673 CEL  
117- Lymph-nodes GSM258672 CEL  
116- Lymph-nodes GSM258671 CEL  
115- Spleen GSM258767 CEL  
114- Spleen GSM258766 CEL  
113- Neuro2a GSM258729 CEL  
112- Neuro2a GSM258728 CEL  
111- Astrocytes GSM241898 CEL  
110- mimg GSM258726 CEL  
109- mimg GSM258725 CEL  
108- MIMCD3 GSM258724 CEL  
107- MIMCD3 GSM258723 CEL  
106- Bruce4 GSM258656 CEL  
105- Bruce4 GSM258655 CEL  
104- C2C12 GSM258690 CEL  
103- C2C12 GSM258689 CEL  
102- NIH3T3 GSM258739 CEL  
101- NIH3T3 GSM258738 CEL  
100- 3T3-L1 GSM258610 CEL  
99- 3T3-L1 GSM258609 CEL  
98- 10T12 GSM258631 CEL  
97- 10T12 GSM258630 CEL  
96- Osteoblast-d21 GSM258740 CEL  
95- Osteoblast-d21 GSM258739 CEL  
94- Osteoblast-d14 GSM258738 CEL  
93- Osteoblast-d14 GSM258737 CEL  
92- Osteoblast-d5 GSM258742 CEL  
91- Osteoblast-d5 GSM258741 CEL  
90- Chondrocytes GSM266741 CEL  
89- Chondrocytes GSM266740 CEL  
88- Nat Helper cell GSM465594 CEL  
87- Nat Helper cell GSM465593 CEL  
86- Tt cell GSM465596 CEL  
85- MS-1 GSM234692 CEL  
84- Lymph-endo-cells GSM143704 CEL  
83- PP-FDC GSM481977 CEL  
82- PP-FDC GSM481978 CEL  
81- PP-FDC GSM481976 CEL  
80- FLY RMLNDCC003001 CEL  
79- FLY RMLNDCC003001 CEL  
78- Follicular-Bcells GSM258664 CEL  
77- Follicular-Bcells GSM258663 CEL  
76- MZ-Bcell GSM258622 CEL  
75- MZ-Bcell GSM258621 CEL  
74- BAF3 GSM258620 CEL  
73- BAF3 GSM258619 CEL  
72- Tregs GSM258778 CEL  
71- Tregs GSM258777 CEL  
70- T-cells-CD8+ GSM258776 CEL  
69- T-cells-CD8+ GSM258775 CEL  
68- T-cells-CD4+ GSM258774 CEL  
67- T-cells-CD4+ GSM258773 CEL  
66- Thymocyte-DN GSM465595 CEL  
65- Osteoclasts GSM258743 CEL  
64- Microglia GSM258721 CEL  
63- Microglia GSM258721 CEL  
62- PMM-PS-7h GSM258706 CEL  
61- PMM-PS-7h GSM258705 CEL  
60- PMM-PS-6h GSM258702 CEL  
59- PMM-PS-6h GSM258701 CEL  
58- BMM-LPS-6h GSM258699 CEL  
57- BMM-LPS-6h GSM258699 CEL  
56- BMM-LPS-6h GSM258694 CEL  
55- BMM-LPS-6h GSM258694 CEL  
54- BMM-LPS-6h GSM258694 CEL  
53- Plasmacytoid-DC GSM258650 CEL  
52- Plasmacytoid-DC GSM258649 CEL  
51- CD8a-DC GSM258648 CEL  
50- CD8a-DC GSM258647 CEL  
49- CD8a+DC GSM258646 CEL  
48- CD8a+DC GSM258645 CEL  
47- NK-cells GSM258732 CEL  
46- NK-cells GSM258731 CEL  
45- Mast-cells-IgE+Ad GSM258718 CEL  
44- Mast-cells-IgE+Ad GSM258717 CEL  
43- Mast-cells-IgE GSM258714 CEL  
42- Mast-cells-IgE GSM258713 CEL  
41- Mast-cells GSM258712 CEL  
40- Granulocytes GSM258668 CEL  
39- Granulocytes GSM258667 CEL  
38- GMP GSM258666 CEL  
37- GMP GSM258665 CEL  
36- GMP GSM258665 CEL  
35- CMP GSM258642 CEL  
34- CMP GSM258641 CEL  
33- MIEP GSM258720 CEL  
32- MIEP GSM258719 CEL  
31- HESC GSM258770 CEL  
30- HESC GSM258769 CEL  
29- Bone marrow GSM258628 CEL  
28- Bone marrow GSM258627 CEL  
27- Paneth-cells-GF-1 GSM116357 CEL  
26- Paneth-cells-GF-1 GSM116357 CEL  
25- Paneth-cells GSM116350 CEL  
24- Paneth-cells GSM116359 CEL  
23- Paneth-cells GSM318589 CEL  
22- Paneth-cells GSM318590 CEL  
21- Colon-Crypt GSM480375 cel  
20- Colon-Crypt GSM480374 cel  
19- Colon-Vill GSM480363 cel  
18- Colon-Vill GSM480362 cel  
17- Colon-IEC-GF GSM349880 CEL  
16- Colon-IEC-GF GSM350375 CEL  
15- Ileum-IEC-GF GSM350376 CEL  
14- Ileum-IEC GSM350371 CEL  
13- Small-intestine-epithelium RMINEP002001 CEL  
12- Small-intestine-epithelium RMINEP001001 CEL  
11- FAE RMPYEP002001 CEL  
10- FAE RMPYEP001001 CEL  
09- Ileum-IEC GSM190797 CEL  
08- Ileum-IEC GSM190796 CEL  
07- Ileum-IEC GSM190795 CEL  
06- CT-v-M-cells GSM190794 CEL  
05- CT-v-M-cells GSM190793 CEL  
04- CT-v-M-cells GSM190792 CEL  
03- PP-M-cells GSM190791 CEL  
02- PP-M-cells GSM190790 CEL  
01- PP-M-cells GSM190789 CEL



Cluster0338\_Intestine-related (7 nodes)

2,034.8  
1,927.7  
1,820.7  
1,713.6  
1,606.5  
1,499.4  
1,392.3  
1,285.2  
1,178.1  
1,071  
963.9  
856.8  
749.7  
642.6  
535.5  
428.4  
321.3  
214.2  
107.1  
0



130- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 128- NALT GSM289409 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988104 CELL  
 124- Colon-d9 GSM1988103 CELL  
 123- Colon-d4 GSM1988102 CELL  
 122- Colon-d4 GSM1988101 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258674 CELL  
 118- Intestine-small GSM258673 CELL  
 117- Lymph-nodes GSM258672 CELL  
 116- Lymph-nodes GSM258671 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258766 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258727 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258726 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258724 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258665 CELL  
 105- Bruce4 GSM258664 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258689 CELL  
 102- NIH3T3 GSM258730 CELL  
 101- NIH3T3 GSM258729 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T12 GSM258632 CELL  
 97- 10T12 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Nat Helper cell GSM465594 CELL  
 88- Nat Helper cell GSM465593 CELL  
 87- T cell GSM465596 CELL  
 86- MS-1 GSM234692 CELL  
 85- Lymph-endo-cells GSM143704 CELL  
 84- P-PDC GSM481977 CELL  
 83- P-PDC GSM481978 CELL  
 82- P-PDC GSM481976 CELL  
 81- F-LY RMLNDCC003001 CELL  
 80- F-LY RMLNDCC003001 CELL  
 79- F-LY RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258621 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells-CD8+ GSM258776 CELL  
 69- T-cells-CD8+ GSM258774 CELL  
 68- T-cells-CD4+ GSM258773 CELL  
 67- T-cells-CD4+ GSM258744 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- P-MM-LPS-7h GSM268706 CELL  
 61- P-MM-LPS-7h GSM268705 CELL  
 60- P-MM-LPS-6h GSM258702 CELL  
 59- P-MM-LPS-6h GSM258701 CELL  
 58- BMM-LPS-6h GSM268699 CELL  
 57- BMM-LPS-6h GSM268699 CELL  
 56- BMM-LPS-6h GSM258694 CELL  
 55- BMM-LPS-6h GSM258694 CELL  
 54- Pasmacryoid-DC GSM258650 CELL  
 53- Pasmacryoid-DC GSM258649 CELL  
 52- CD8a-DC GSM258647 CELL  
 51- CD8a-DC GSM258647 CELL  
 50- CD8a+DC GSM258646 CELL  
 49- CD8a+DC GSM258646 CELL  
 48- NK-cells GSM258732 CELL  
 47- NK-cells GSM258731 CELL  
 46- Mast-cells-IgE+Ad GSM258719 CELL  
 45- Mast-cells-IgE+Ad GSM258718 CELL  
 44- Mast-cells-IgE GSM258714 CELL  
 43- Mast-cells-IgE GSM258713 CELL  
 42- Mast-cells-IgE GSM258712 CELL  
 41- Mast-cells GSM258711 CELL  
 40- Granulocytes GSM258668 CELL  
 39- Granulocytes GSM258667 CELL  
 38- GMP GSM258666 CELL  
 37- GMP GSM258665 CELL  
 36- GMP GSM258664 CELL  
 35- CMP GSM258642 CELL  
 34- CMP GSM258641 CELL  
 33- MIEP GSM258720 CELL  
 32- MIEP GSM258719 CELL  
 31- HESC GSM258770 CELL  
 30- HESC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116356 CELL  
 25- Paneth-cells GSM116350 CELL  
 24- Paneth-cells GSM116359 CELL  
 23- Paneth-cells GSM318589 CELL  
 22- Paneth-cells GSM318590 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GF GSM349880 CELL  
 16- Colon-IEC-GF GSM350375 CELL  
 15- Ileum-IEC-GF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002001 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP002001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- CT-v-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0339\_House keeping (7 nodes)

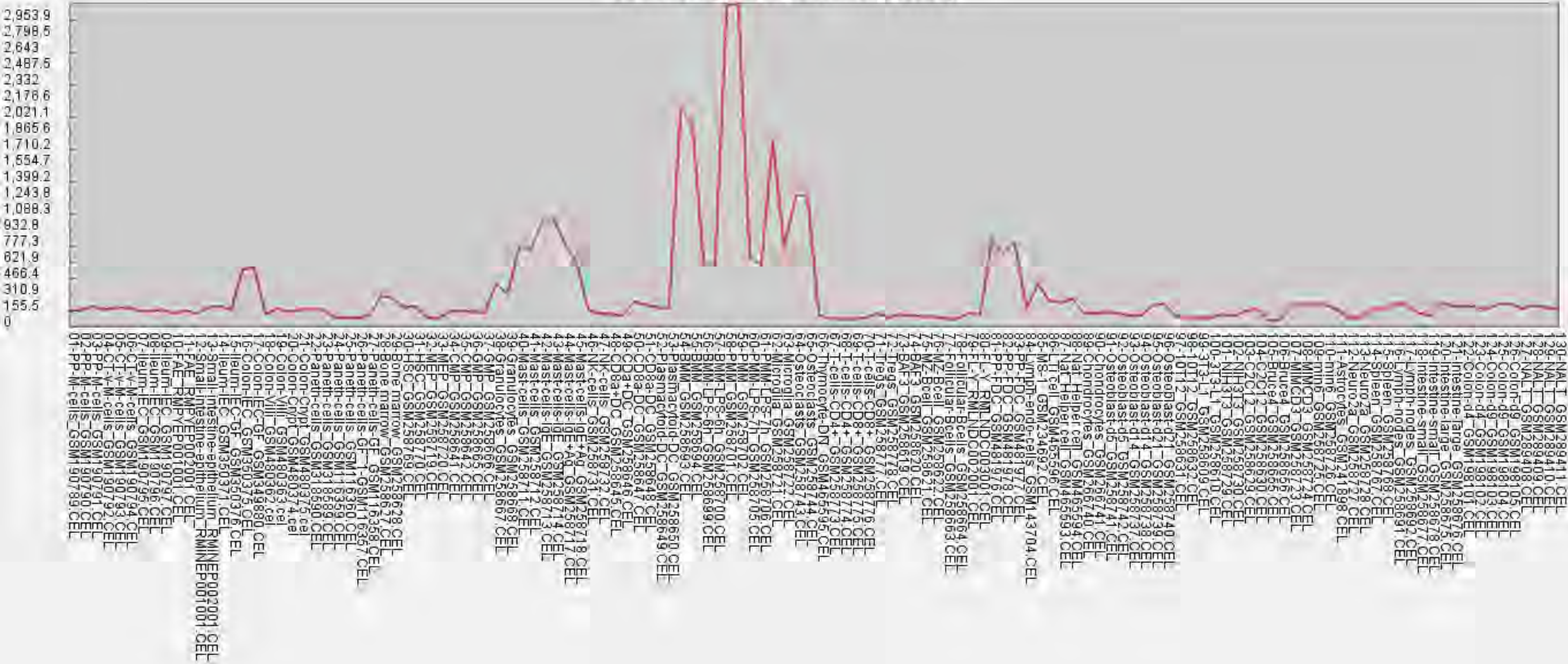
2,588.8  
2,452.5  
2,316.3  
2,180  
2,043.8  
1,907.5  
1,771.3  
1,635  
1,498.8  
1,362.5  
1,226.3  
1,090  
953.8  
817.5  
681.3  
545  
408.8  
272.5  
136.3  
0



30- NALT GSM2899411 CELL  
 29- NALT GSM2899410 CELL  
 28- NALT GSM2899409 CELL  
 27- NALT GSM2899408 CELL  
 26- Colon-d9 GSM1988104 CELL  
 25- Colon-d9 GSM1988103 CELL  
 24- Colon-d4 GSM1988102 CELL  
 23- Colon-d4 GSM1988101 CELL  
 22- Colon-d4 GSM1988100 CELL  
 21- Intestine-large GSM2586776 CELL  
 20- Intestine-large GSM2586775 CELL  
 19- Intestine-small GSM2586774 CELL  
 18- Intestine-small GSM2586773 CELL  
 17- Lymph-nodes GSM2586772 CELL  
 16- Spleen GSM2586771 CELL  
 15- Spleen GSM2586770 CELL  
 14- Neuro2a GSM2418998 CELL  
 13- Astrocytes GSM2418997 CELL  
 12- mimb GSM2586770 CELL  
 11- mimb GSM2586771 CELL  
 10- mimb GSM2586772 CELL  
 09- mimb GSM2586773 CELL  
 08- MIMCD3 GSM2586774 CELL  
 07- MIMCD3 GSM2586775 CELL  
 06- Bruce4 GSM2586776 CELL  
 05- Bruce4 GSM2586777 CELL  
 04- C2C12 GSM2586778 CELL  
 03- C2C12 GSM2586779 CELL  
 02- NH3T3 GSM2586780 CELL  
 01- NH3T3 GSM2586781 CELL  
 99- 3T3-L1 GSM2586782 CELL  
 98- 3T3-L1 GSM2586783 CELL  
 97- 10T12 GSM2586784 CELL  
 96- Osteoblast-d21 GSM2586785 CELL  
 95- Osteoblast-d14 GSM2586786 CELL  
 94- Osteoblast-d14 GSM2586787 CELL  
 93- Osteoblast-d5 GSM2586788 CELL  
 92- Osteoblast-d5 GSM2586789 CELL  
 91- Osteoblast-d5 GSM2586790 CELL  
 90- Chondrocytes GSM2586791 CELL  
 89- Nat Helper cell GSM465594 CELL  
 88- Nat Helper cell GSM465593 CELL  
 87- T cell GSM465592 CELL  
 86- T cell GSM465591 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- P-FDC GSM481977 CELL  
 82- P-FDC GSM481978 CELL  
 81- P-FDC GSM481979 CELL  
 80- F-LY RMLNDCC002001 CELL  
 79- F-LY RMLNDCC002001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258665 CELL  
 76- MZ-Bcell GSM258666 CELL  
 75- MZ-Bcell GSM258667 CELL  
 74- BAF3 GSM258668 CELL  
 73- BAF3 GSM258669 CELL  
 72- Tregs GSM258670 CELL  
 71- Tregs GSM258671 CELL  
 70- T-cells-CD8+ GSM258672 CELL  
 69- T-cells-CD8+ GSM258673 CELL  
 68- T-cells-CD4+ GSM258674 CELL  
 67- T-cells-CD4+ GSM258675 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258676 CELL  
 64- Microglia GSM258677 CELL  
 63- Microglia GSM258678 CELL  
 62- MM-LPS-7h GSM258679 CELL  
 61- MM-LPS-7h GSM258680 CELL  
 60- MM-LPS-6h GSM258681 CELL  
 59- MM-LPS-6h GSM258682 CELL  
 58- MM-LPS-6h GSM258683 CELL  
 57- MM-LPS-6h GSM258684 CELL  
 56- MM-LPS-6h GSM258685 CELL  
 55- MM-LPS-6h GSM258686 CELL  
 54- MM-LPS-6h GSM258687 CELL  
 53- MM-LPS-6h GSM258688 CELL  
 52- MM-LPS-6h GSM258689 CELL  
 51- MM-LPS-6h GSM258690 CELL  
 50- MM-LPS-6h GSM258691 CELL  
 49- MM-LPS-6h GSM258692 CELL  
 48- CD8a+DC GSM258693 CELL  
 47- NK-cells GSM258694 CELL  
 46- NK-cells GSM258695 CELL  
 45- Mast-cells-IgE+Ad GSM258696 CELL  
 44- Mast-cells-IgE+Ad GSM258697 CELL  
 43- Mast-cells-IgE GSM258698 CELL  
 42- Mast-cells-IgE GSM258699 CELL  
 41- Mast-cells-IgE GSM258700 CELL  
 40- Mast-cells-IgE GSM258701 CELL  
 39- Granulocytes GSM258702 CELL  
 38- Granulocytes GSM258703 CELL  
 37- GMP GSM258704 CELL  
 36- GMP GSM258705 CELL  
 35- GMP GSM258706 CELL  
 34- GMP GSM258707 CELL  
 33- MUEP GSM258708 CELL  
 32- MUEP GSM258709 CELL  
 31- HESC GSM258710 CELL  
 30- HESC GSM258711 CELL  
 29- Bone marrow GSM258712 CELL  
 28- Bone marrow GSM258713 CELL  
 27- Paneth-cells-GF-1 GSM116357 CELL  
 26- Paneth-cells-GF-1 GSM116358 CELL  
 25- Paneth-cells-GF-1 GSM116359 CELL  
 24- Paneth-cells-GF-1 GSM116360 CELL  
 23- Paneth-cells-GF-1 GSM116361 CELL  
 22- Paneth-cells-GF-1 GSM116362 CELL  
 21- Paneth-cells-GF-1 GSM116363 CELL  
 20- Paneth-cells-GF-1 GSM116364 CELL  
 19- Paneth-cells-GF-1 GSM116365 CELL  
 18- Paneth-cells-GF-1 GSM116366 CELL  
 17- Paneth-cells-GF-1 GSM116367 CELL  
 16- Paneth-cells-GF-1 GSM116368 CELL  
 15- Paneth-cells-GF-1 GSM116369 CELL  
 14- Paneth-cells-GF-1 GSM116370 CELL  
 13- Paneth-cells-GF-1 GSM116371 CELL  
 12- Paneth-cells-GF-1 GSM116372 CELL  
 11- Paneth-cells-GF-1 GSM116373 CELL  
 10- Paneth-cells-GF-1 GSM116374 CELL  
 09- Paneth-cells-GF-1 GSM116375 CELL  
 08- Paneth-cells-GF-1 GSM116376 CELL  
 07- Paneth-cells-GF-1 GSM116377 CELL  
 06- Paneth-cells-GF-1 GSM116378 CELL  
 05- Paneth-cells-GF-1 GSM116379 CELL  
 04- Paneth-cells-GF-1 GSM116380 CELL  
 03- Paneth-cells-GF-1 GSM116381 CELL  
 02- Paneth-cells-GF-1 GSM116382 CELL  
 01- Paneth-cells-GF-1 GSM116383 CELL



### Cluster0340\_Phagocyte-related (7 nodes)





Cluster0341\_Mesenchyme-related/extracellular matrix (7 nodes)

765.2  
724.9  
684.7  
644.4  
604.1  
563.8  
523.6  
483.3  
443  
402.7  
362.5  
322.2  
281.9  
241.6  
201.4  
161.1  
120.8  
80.5  
40.3  
0

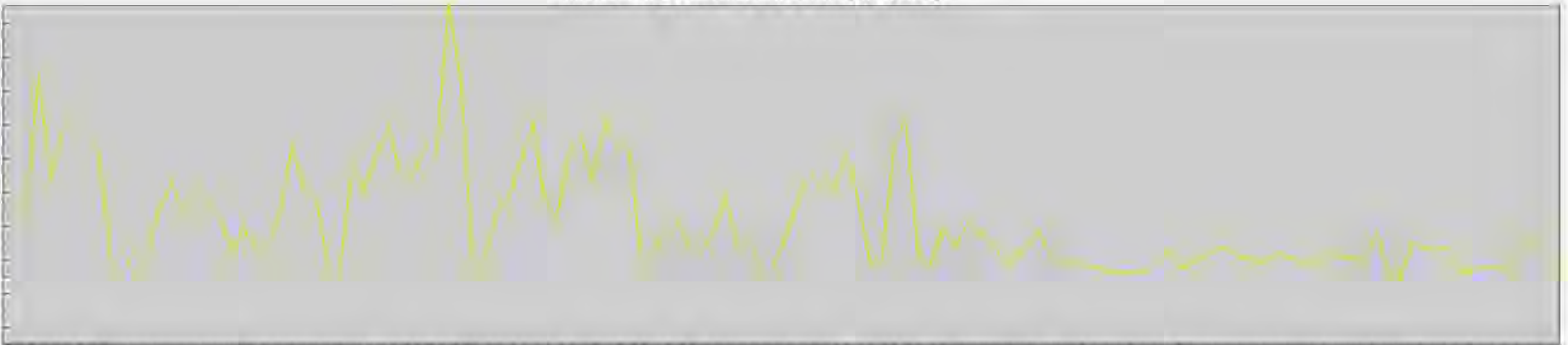


130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Column-d9 GSM1988105 CELL  
125-Column-d9 GSM1988104 CELL  
124-Column-d9 GSM1988103 CELL  
123-Column-d4 GSM1988102 CELL  
122-Column-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258678 CELL  
118-Intestine-small GSM258679 CELL  
117-Lymph-nodes GSM258691 CELL  
116-Lymph-nodes GSM258726 CELL  
115-Spleen GSM258766 CELL  
114-Spleen GSM258767 CELL  
113-Neuro2a GSM258728 CELL  
112-Neuro2a GSM258727 CELL  
111-Astrocytes GSM241898 CELL  
110-ming GSM258726 CELL  
109-ming GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258656 CELL  
105-Bruce4 GSM258655 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-LT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-LY RMLNDCC003001 CELL  
79-LY RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258665 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258773 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-PM-M-PS-7h GSM268706 CELL  
60-PM-M-PS-7h GSM268705 CELL  
59-PM-M-PS-6h GSM258702 CELL  
58-PM-M-PS-6h GSM258701 CELL  
57-BMM-LPS-6h GSM268699 CELL  
56-BMM-LPS-6h GSM268699 CELL  
55-BMM-LPS-6h GSM268699 CELL  
54-BMM-LPS-6h GSM268699 CELL  
53-Plasmacytoid-DC GSM258650 CELL  
52-Plasmacytoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258645 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258718 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258711 CELL  
39-Granulocytes GSM258667 CELL  
38-Granulocytes GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258664 CELL  
35-GMP GSM258642 CELL  
34-MEP GSM258641 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HSC GSM258770 CELL  
30-HSC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-Column-crypt GSM480375 CELL  
20-Column-crypt GSM480374 CELL  
19-Column-Vill GSM480363 CELL  
18-Column-Vill GSM480362 CELL  
17-Column-IEC-Gf GSM349880 CELL  
16-Column-IEC-Gf GSM350375 CELL  
15-Ileum-IEC-Gf GSM350376 CELL  
14-Ileum-IEC GSM350371 CELL  
13-Small-intestine-epithelium RMINEP002001 CELL  
12-Small-intestine-epithelium RMINEP001001 CELL  
11-FAE-RMPYEP002001 CELL  
10-FAE-RMPYEP001001 CELL  
9-Ileum-IEC GSM190797 CELL  
8-Ileum-IEC GSM190796 CELL  
7-Ileum-IEC GSM190795 CELL  
6-CT-v-M-cells GSM190794 CELL  
5-CT-v-M-cells GSM190793 CELL  
4-CT-v-M-cells GSM190792 CELL  
3-PP-M-cells GSM190791 CELL  
2-PP-M-cells GSM190790 CELL  
1-PP-M-cells GSM190789 CELL



Cluster0342\_Uncertain-low in many (7 nodes)

139.3  
131.9  
124.6  
117.3  
110  
102.6  
95.3  
88  
80.6  
73.3  
66  
58.6  
51.3  
44  
36.7  
29.3  
22  
14.7  
7.3  
0

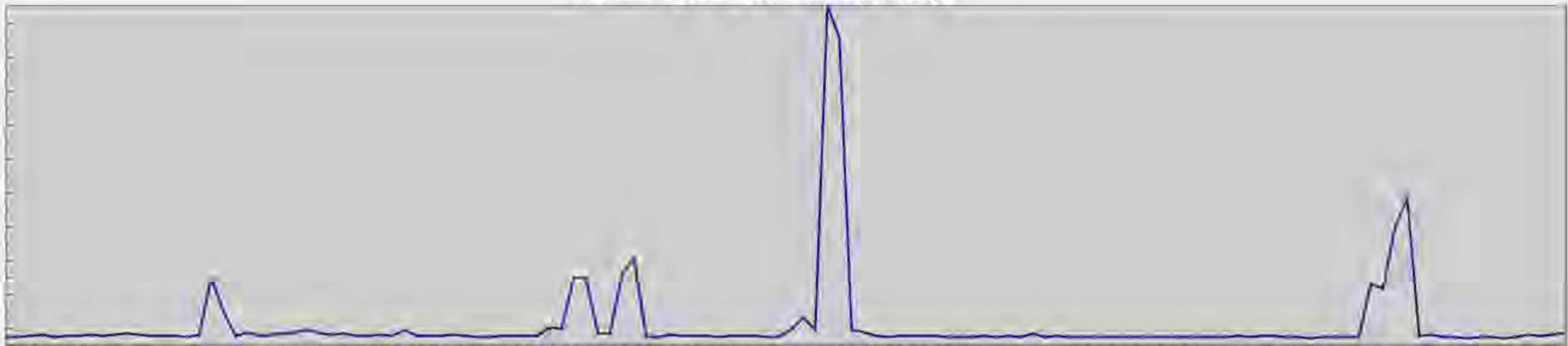


130-NALT GSM289411.CEL  
129-NALT GSM289410.CEL  
128-NALT GSM289409.CEL  
127-NALT GSM289408.CEL  
126-Colon-d9 GSM1988105.CEL  
125-Colon-d9 GSM1988104.CEL  
124-Colon-d9 GSM1988103.CEL  
123-Colon-d4 GSM1988102.CEL  
122-Colon-d4 GSM1988101.CEL  
121-Intestine-large GSM258676.CEL  
120-Intestine-large GSM258675.CEL  
119-Intestine-small GSM258678.CEL  
118-Intestine-small GSM258677.CEL  
117-Lymph-nodes GSM258691.CEL  
116-Lymph-nodes GSM258692.CEL  
115-Spleen GSM258767.CEL  
114-Spleen GSM258767.CEL  
113-Neuro2a GSM258729.CEL  
112-Neuro2a GSM258729.CEL  
111-Astrocytes GSM241898.CEL  
110-mim6 GSM258726.CEL  
109-mim6 GSM258725.CEL  
108-MIMCD3 GSM258724.CEL  
107-MIMCD3 GSM258723.CEL  
106-Bruce4 GSM258656.CEL  
105-Bruce4 GSM258656.CEL  
104-C2C12 GSM258690.CEL  
103-C2C12 GSM258629.CEL  
102-NH3T3 GSM258739.CEL  
101-NH3T3 GSM258739.CEL  
100-3T3-L1 GSM258610.CEL  
99-3T3-L1 GSM258609.CEL  
98-10T12 GSM258632.CEL  
97-10T12 GSM258631.CEL  
96-Osteoblast-d21 GSM258740.CEL  
95-Osteoblast-d21 GSM258739.CEL  
94-Osteoblast-d14 GSM258738.CEL  
93-Osteoblast-d14 GSM258737.CEL  
92-Osteoblast-d5 GSM258742.CEL  
91-Osteoblast-d5 GSM258741.CEL  
90-Chondrocytes GSM266741.CEL  
89-Chondrocytes GSM266740.CEL  
88-Nat Helper cell GSM465594.CEL  
87-Nat Helper cell GSM465593.CEL  
86-LT cell GSM465596.CEL  
85-MS-1 GSM234692.CEL  
84-Lymph-endo-cells GSM143704.CEL  
83-PP-FDC GSM481977.CEL  
82-PP-FDC GSM481978.CEL  
81-PP-FDC GSM481976.CEL  
80-LY RMLNDC003001.CEL  
79-LY RMLNDC003001.CEL  
78-Follicular-Bcells GSM258664.CEL  
77-Follicular-Bcells GSM258663.CEL  
76-MZ-Bcell GSM258622.CEL  
75-MZ-Bcell GSM258621.CEL  
74-BAF3 GSM258620.CEL  
73-BAF3 GSM258619.CEL  
72-Tregs GSM258778.CEL  
71-Tregs GSM258777.CEL  
70-T-cells-CD8+ GSM258776.CEL  
69-T-cells-CD8+ GSM258774.CEL  
68-T-cells-CD4+ GSM258773.CEL  
67-T-cells-CD4+ GSM258773.CEL  
66-Thymocyte-DN GSM465595.CEL  
65-Osteoclasts GSM258743.CEL  
64-Microglia GSM258721.CEL  
62-Microglia GSM258721.CEL  
61-PM-M-7h GSM258706.CEL  
60-PM-M-7h GSM258706.CEL  
59-PM-M-LPS-7h GSM268705.CEL  
58-PM-M-LPS-7h GSM268702.CEL  
57-PM-M-LPS-6h GSM258700.CEL  
56-PM-M-LPS-6h GSM258699.CEL  
55-BMM-LPS-6h GSM258694.CEL  
54-BMM-LPS-6h GSM258694.CEL  
53-Plasmacytoid-DC GSM258650.CEL  
52-Plasmacytoid-DC GSM258649.CEL  
51-CD8a-DC GSM258648.CEL  
50-CD8a-DC GSM258647.CEL  
49-CD8a+DC GSM258646.CEL  
48-CD8a+DC GSM258645.CEL  
46-NK-cells GSM258732.CEL  
45-NK-cells GSM258731.CEL  
44-Mast-cells-IgE+Ad GSM258718.CEL  
43-Mast-cells-IgE+Ad GSM258717.CEL  
42-Mast-cells-IgE GSM258714.CEL  
41-Mast-cells-IgE GSM258713.CEL  
40-Mast-cells GSM258712.CEL  
39-Granulocytes GSM258711.CEL  
38-Granulocytes GSM258667.CEL  
37-GMP GSM258666.CEL  
36-GMP GSM258665.CEL  
35-GMP GSM258642.CEL  
34-GMP GSM258641.CEL  
33-MEP GSM258720.CEL  
32-MEP GSM258719.CEL  
31-HESC GSM258770.CEL  
30-HESC GSM258770.CEL  
29-Bone marrow GSM258628.CEL  
28-Bone marrow GSM258627.CEL  
27-paneth-cells-GE GSM116358.CEL  
26-paneth-cells-GE GSM116357.CEL  
25-paneth-cells GSM116350.CEL  
24-paneth-cells GSM116359.CEL  
23-paneth-cells GSM318589.CEL  
22-paneth-cells GSM318590.CEL  
21-Colon-Crypt GSM480375.CEL  
20-Colon-Crypt GSM480374.CEL  
19-Colon-Vill GSM480363.CEL  
18-Colon-Vill GSM480362.CEL  
17-Colon-IEC-GE GSM349880.CEL  
16-Colon-IEC-GE GSM350375.CEL  
15-Ileum-IEC-TGF GSM350376.CEL  
14-Ileum-IEC GSM350371.CEL  
13-Small-intestine-epithelium RMINEP002001.CEL  
12-Small-intestine-epithelium RMINEP001001.CEL  
11-FAE-RMPYEP002001.CEL  
10-FAE-RMPYEP001001.CEL  
09-Ileum-IEC GSM190797.CEL  
08-Ileum-IEC GSM190796.CEL  
07-Ileum-IEC GSM190795.CEL  
06-CT-v-M-cells GSM190794.CEL  
05-CT-v-M-cells GSM190793.CEL  
04-PP-M-cells GSM190792.CEL  
03-PP-M-cells GSM190791.CEL  
02-PP-M-cells GSM190790.CEL  
01-PP-M-cells GSM190789.CEL



Cluster0343\_CDB+ T cells-related (7 nodes)

846.7  
802.1  
757.5  
713  
668.4  
623.9  
579.3  
534.7  
490.2  
446.6  
401  
356.5  
311.9  
267.4  
222.8  
178.2  
133.7  
89.1  
44.6  
0

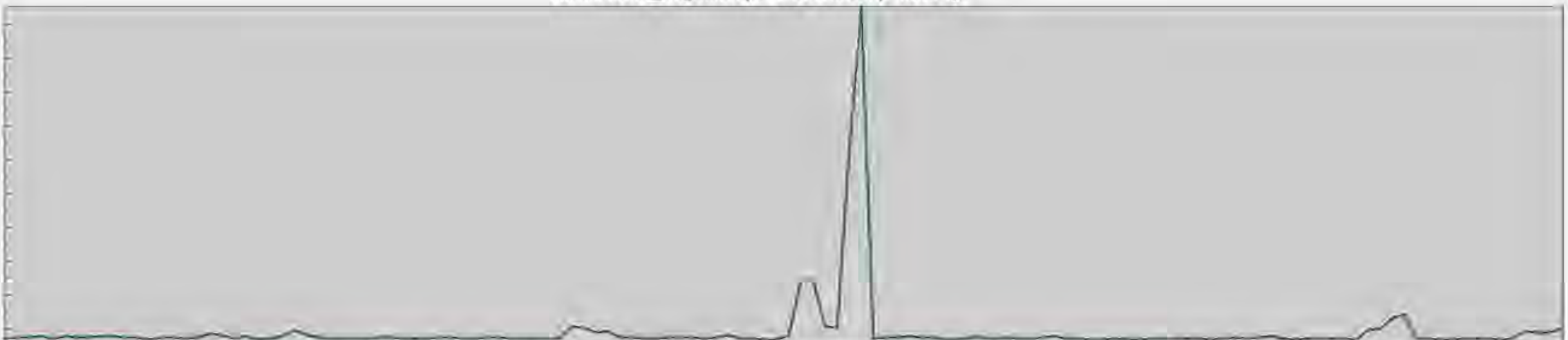


01- PP-M-cells\_GSM190789.CEL  
 02- PP-M-cells\_GSM190790.CEL  
 03- PP-M-cells\_GSM190791.CEL  
 04- PP-M-cells\_GSM190792.CEL  
 05- CT-v-M-cells\_GSM190793.CEL  
 06- CT-v-M-cells\_GSM190794.CEL  
 07- Ileum-EC\_GSM190795.CEL  
 08- Ileum-EC\_GSM190796.CEL  
 09- Ileum-EC\_GSM190797.CEL  
 10- FAE-RMPYEP001001.CEL  
 11- FAE-RMPYEP002001.CEL  
 12- Small-intestine-epithelium\_RMINEP001001.CEL  
 13- Small-intestine-epithelium\_RMINEP002001.CEL  
 14- Ileum-EC\_GSM350371.CEL  
 15- Ileum-EC\_GSM350375.CEL  
 16- Colon-IEC-Gf\_GSM349880.CEL  
 17- Colon-IEC-Gf\_GSM350375.CEL  
 18- Colon-Vill\_GSM480362.CEL  
 19- Colon-Vill\_GSM480363.CEL  
 20- Colon-Crypt\_GSM480374.CEL  
 21- Colon-Crypt\_GSM480375.CEL  
 22- Paneth-cells\_GSM318590.CEL  
 23- Paneth-cells\_GSM318589.CEL  
 24- Paneth-cells\_GSM116359.CEL  
 25- Paneth-cells\_GSM116359.CEL  
 26- Paneth-cells-Gf-1-GSM116357.CEL  
 27- Paneth-cells-Gf-1-GSM116357.CEL  
 28- Bone marrow\_GSM258627.CEL  
 29- Bone marrow\_GSM258627.CEL  
 30- HSC\_GSM258770.CEL  
 31- HSC\_GSM258770.CEL  
 32- MIEP\_GSM258770.CEL  
 33- MIEP\_GSM258770.CEL  
 34- MIEP\_GSM258770.CEL  
 35- CMP\_GSM258864.CEL  
 36- CMP\_GSM258864.CEL  
 37- GMP\_GSM258866.CEL  
 38- GMP\_GSM258866.CEL  
 39- Granulocytes\_GSM258667.CEL  
 40- Mast-cells\_GSM258712.CEL  
 41- Mast-cells\_GSM258712.CEL  
 42- Mast-cells-IdU+Ad-GSM258714.CEL  
 43- Mast-cells-IdU+Ad-GSM258714.CEL  
 44- Mast-cells-IdU+Ad-GSM258714.CEL  
 45- Mast-cells-IdU+Ad-GSM258714.CEL  
 46- NK-cells\_GSM258731.CEL  
 47- NK-cells\_GSM258731.CEL  
 48- CD8a+DC\_GSM258646.CEL  
 49- CD8a+DC\_GSM258646.CEL  
 50- CD8a-DC\_GSM258647.CEL  
 51- CD8a-DC\_GSM258647.CEL  
 52- CD8a-DC\_GSM258647.CEL  
 53- Plasmacytoid-DC\_GSM258650.CEL  
 54- Plasmacytoid-DC\_GSM258649.CEL  
 55- BM-M-PS-6h-GSM258694.CEL  
 56- BM-M-PS-6h-GSM258699.CEL  
 57- BM-M-PS-6h-GSM258700.CEL  
 58- BM-M-PS-7h-GSM258702.CEL  
 59- BM-M-PS-7h-GSM258706.CEL  
 60- BM-M-PS-7h-GSM258706.CEL  
 61- Microglia\_GSM258721.CEL  
 62- Microglia\_GSM258721.CEL  
 63- Osteoclasts\_GSM258743.CEL  
 64- Osteoclasts\_GSM258744.CEL  
 65- Thymocyte-DN\_GSM465595.CEL  
 66- T-cells-CD4+GSM258773.CEL  
 67- T-cells-CD4+GSM258773.CEL  
 68- T-cells-CD8+GSM258776.CEL  
 69- T-cells-CD8+GSM258776.CEL  
 70- T-cells-CD8+GSM258774.CEL  
 71- Tregs\_GSM258778.CEL  
 72- Tregs\_GSM258778.CEL  
 73- BAF3\_GSM258620.CEL  
 74- BAF3\_GSM258620.CEL  
 75- MZ-Bcell\_GSM258621.CEL  
 76- MZ-Bcell\_GSM258621.CEL  
 77- Follicular-Bcells\_GSM258664.CEL  
 78- Follicular-Bcells\_GSM258664.CEL  
 79- E-L-Y-RMLNDC002001.CEL  
 80- E-L-Y-RMLNDC003001.CEL  
 81- PP-FDC\_GSM481976.CEL  
 82- PP-FDC\_GSM481976.CEL  
 83- PP-FDC\_GSM481977.CEL  
 84- Lymph-endo-cells\_GSM143704.CEL  
 85- MS-1\_GSM234692.CEL  
 86- Tt cell\_GSM465596.CEL  
 87- Nat Helper cell\_GSM465594.CEL  
 88- Nat Helper cell\_GSM465594.CEL  
 89- Chondrocytes\_GSM266741.CEL  
 90- Chondrocytes\_GSM266741.CEL  
 91- Osteoblast-d5\_GSM258741.CEL  
 92- Osteoblast-d5\_GSM258742.CEL  
 93- Osteoblast-d14\_GSM258737.CEL  
 94- Osteoblast-d21\_GSM258738.CEL  
 95- Osteoblast-d21\_GSM258739.CEL  
 96- Osteoblast-d21\_GSM258631.CEL  
 97- OT12\_GSM258609.CEL  
 98- OT12\_GSM258609.CEL  
 99- OT12\_GSM258609.CEL  
 100- 3T3-L1\_GSM258610.CEL  
 101- 3T3-L1\_GSM258610.CEL  
 102- NIH3T3\_GSM258739.CEL  
 103- C2C12\_GSM258862.CEL  
 104- Bruce4\_GSM258865.CEL  
 105- Bruce4\_GSM258865.CEL  
 106- Bruce4\_GSM258865.CEL  
 107- MIMCD3\_GSM258723.CEL  
 108- MIMCD3\_GSM258723.CEL  
 109- mimb\_GSM258725.CEL  
 110- mimb\_GSM258725.CEL  
 111- Astrocytes\_GSM241898.CEL  
 112- Astrocytes\_GSM241898.CEL  
 113- Spleen\_GSM258767.CEL  
 114- Spleen\_GSM258767.CEL  
 115- Spleen\_GSM258767.CEL  
 116- Lymph-nodes\_GSM258691.CEL  
 117- Lymph-nodes\_GSM258691.CEL  
 118- Intestine-small\_GSM258692.CEL  
 119- Intestine-small\_GSM258692.CEL  
 120- Intestine-large\_GSM258675.CEL  
 121- Intestine-large\_GSM258675.CEL  
 122- Intestine-large\_GSM258675.CEL  
 123- Colon-d4\_GSM198810.CEL  
 124- Colon-d4\_GSM198810.CEL  
 125- Colon-d9\_GSM198810.CEL  
 126- Colon-d9\_GSM198810.CEL  
 127- NALT\_GSM289408.CEL  
 128- NALT\_GSM289409.CEL  
 129- NALT\_GSM289410.CEL  
 130- NALT\_GSM289411.CEL



Cluster0344\_Regulatory T cells-related (7 nodes)

1,936.1  
1,834.2  
1,732.3  
1,630.4  
1,528.5  
1,426.6  
1,324.7  
1,222.8  
1,120.9  
1,019  
917.1  
815.2  
713.3  
611.4  
509.5  
407.6  
305.7  
203.8  
101.9  
0



30-NALT GSM289411 CELL  
29-NALT GSM289410 CELL  
28-NALT GSM289409 CELL  
27-NALT GSM289408 CELL  
26-Color-d9 GSM1988105 CELL  
25-Color-d9 GSM1988104 CELL  
24-Color-d9 GSM1988103 CELL  
23-Color-d4 GSM1988102 CELL  
22-Color-d4 GSM1988101 CELL  
21-Intestine-large GSM258676 CELL  
20-Intestine-large GSM258675 CELL  
19-Intestine-small GSM258677 CELL  
18-Intestine-small GSM258692 CELL  
17-Lymph-nodes GSM258691 CELL  
16-Spleen GSM258766 CELL  
15-Spleen GSM258767 CELL  
14-Neuro2a GSM258728 CELL  
13-Neuro2a GSM258729 CELL  
12-Astrocytes GSM241898 CELL  
11-ming GSM258726 CELL  
10-ming GSM258725 CELL  
09-MIMCD3 GSM258724 CELL  
08-MIMCD3 GSM258723 CELL  
07-Bruce4 GSM258656 CELL  
06-Bruce4 GSM258655 CELL  
05-C2C12 GSM258690 CELL  
04-C2C12 GSM258689 CELL  
03-NH3T3 GSM258730 CELL  
02-NH3T3 GSM258729 CELL  
01-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-LT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481978 CELL  
81-PP-FDC GSM481976 CELL  
80-LY-RMLNDCC003001 CELL  
79-LY-RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Microglia GSM258727 CELL  
63-Microglia GSM258727 CELL  
62-MM-PS-7h GSM258705 CELL  
61-MM-PS-7h GSM258705 CELL  
60-MM-PS-6h GSM258702 CELL  
59-MM-PS-6h GSM258701 CELL  
58-MM-LPS-6h GSM258699 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258694 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-Ismacryoid-DC GSM258650 CELL  
53-Ismacryoid-DC GSM258649 CELL  
52-CD8a-DC GSM258648 CELL  
51-CD8a-DC GSM258647 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258718 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258665 CELL  
36-GMP GSM258664 CELL  
35-GMP GSM258642 CELL  
34-MPEP GSM258641 CELL  
33-MPEP GSM258641 CELL  
32-MPEP GSM258770 CELL  
31-HESC GSM258770 CELL  
30-Bone marrow GSM258628 CELL  
29-Bone marrow GSM258627 CELL  
28-paneth-cells-GE GSM116357 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116359 CELL  
25-paneth-cells GSM116360 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM480375 CELL  
20-paneth-cells GSM480374 CELL  
19-paneth-cells GSM480363 CELL  
18-paneth-cells GSM480362 CELL  
17-paneth-cells GSM349880 CELL  
16-paneth-cells GSM350375 CELL  
15-paneth-cells GSM350376 CELL  
14-paneth-cells GSM350371 CELL  
13-paneth-cells GSM258677 CELL  
12-paneth-cells GSM258677 CELL  
11-paneth-cells GSM258677 CELL  
10-paneth-cells GSM258677 CELL  
9-paneth-cells GSM258677 CELL  
8-paneth-cells GSM258677 CELL  
7-paneth-cells GSM258677 CELL  
6-paneth-cells GSM258677 CELL  
5-paneth-cells GSM258677 CELL  
4-paneth-cells GSM258677 CELL  
3-paneth-cells GSM258677 CELL  
2-paneth-cells GSM258677 CELL  
1-paneth-cells GSM258677 CELL



Cluster0345\_Uncertain (7 nodes)

1,362.5  
1,290.8  
1,219.1  
1,147.4  
1,075.6  
1,003.9  
932.2  
860.5  
788.8  
717.1  
645.4  
573.7  
502  
430.3  
358.5  
286.8  
215.1  
143.4  
71.7  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Colon-d9 GSM1988105 CELL  
125-Colon-d9 GSM1988103 CELL  
124-Colon-d9 GSM1988102 CELL  
123-Colon-d4 GSM1988101 CELL  
122-Intestine-large GSM258676 CELL  
121-Intestine-large GSM258675 CELL  
120-Intestine-large GSM258673 CELL  
119-Intestine-small GSM258672 CELL  
118-Intestine-small GSM258671 CELL  
117-Lymph-nodes GSM258669 CELL  
116-Lymph-nodes GSM258668 CELL  
115-Spleen GSM258667 CELL  
114-Spleen GSM258666 CELL  
113-Neuro2a GSM258665 CELL  
112-Neuro2a GSM241898 CELL  
111-Astrocytes GSM241898 CELL  
110-mimb GSM258726 CELL  
109-mimb GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258665 CELL  
105-Bruce4 GSM258665 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-P-FDC GSM481977 CELL  
82-P-FDC GSM481978 CELL  
81-P-FDC GSM481976 CELL  
80-F-L-Y RMLNDCC003001 CELL  
79-F-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Osteoclasts GSM258743 CELL  
63-Microglia GSM258721 CELL  
62-Microglia GSM258721 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258706 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258694 CELL  
54-MM-LPS-6h GSM258694 CELL  
53-Iasmacryoid-DC GSM258650 CELL  
52-Iasmacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258665 CELL  
35-GMP GSM258665 CELL  
34-MPEP GSM258642 CELL  
33-MPEP GSM258642 CELL  
32-MPEP GSM258720 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258770 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GF-1 GSM116358 CELL  
26-paneth-cells-GF-1 GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
22-paneth-cells GSM318590 CELL  
21-paneth-cells GSM480375 CELL  
20-paneth-cells GSM480375 CELL  
19-paneth-cells GSM480363 CELL  
18-paneth-cells GSM480362 CELL  
17-paneth-cells GSM349880 CELL  
16-paneth-cells GSM350375 CELL  
15-paneth-cells GSM350376 CELL  
14-paneth-cells GSM350371 CELL  
13-paneth-cells GSM258678 CELL  
12-paneth-cells GSM258677 CELL  
11-paneth-cells GSM258677 CELL  
10-paneth-cells GSM258677 CELL  
9-paneth-cells GSM258677 CELL  
8-paneth-cells GSM258677 CELL  
7-paneth-cells GSM258677 CELL  
6-paneth-cells GSM258677 CELL  
5-paneth-cells GSM258677 CELL  
4-paneth-cells GSM258677 CELL  
3-paneth-cells GSM258677 CELL  
2-paneth-cells GSM258677 CELL  
1-paneth-cells GSM258677 CELL







Cluster0347\_Uncertain-low in many (7 nodes)

103.7  
98.2  
92.8  
87.3  
81.9  
76.4  
71  
65.5  
60  
54.6  
49.1  
43.7  
38.2  
32.7  
27.3  
21.8  
16.4  
10.9  
5.5  
0



130- NALT GSM289411 CELL  
 129- NALT GSM289410 CELL  
 127- NALT GSM289408 CELL  
 126- Colon-d9 GSM1988105 CELL  
 125- Colon-d9 GSM1988103 CELL  
 124- Colon-d9 GSM1988102 CELL  
 123- Colon-d4 GSM1988101 CELL  
 122- Colon-d4 GSM1988100 CELL  
 121- Intestine-large GSM258676 CELL  
 120- Intestine-large GSM258675 CELL  
 119- Intestine-small GSM258678 CELL  
 118- Intestine-small GSM258692 CELL  
 117- Lymph-nodes GSM258691 CELL  
 116- Lymph-nodes GSM258726 CELL  
 115- Spleen GSM258767 CELL  
 114- Spleen GSM258767 CELL  
 113- Neuro2a GSM258728 CELL  
 112- Neuro2a GSM258727 CELL  
 111- Astrocytes GSM241898 CELL  
 110- mimb GSM258725 CELL  
 109- mimb GSM258725 CELL  
 108- MIMCD3 GSM258724 CELL  
 107- MIMCD3 GSM258723 CELL  
 106- Bruce4 GSM258656 CELL  
 105- Bruce4 GSM258656 CELL  
 104- C2C12 GSM258690 CELL  
 103- C2C12 GSM258629 CELL  
 102- NIH3T3 GSM258730 CELL  
 101- NIH3T3 GSM258729 CELL  
 100- 3T3-L1 GSM258610 CELL  
 99- 3T3-L1 GSM258609 CELL  
 98- 10T12 GSM258632 CELL  
 97- 10T12 GSM258631 CELL  
 96- Osteoblast-d21 GSM258740 CELL  
 95- Osteoblast-d21 GSM258739 CELL  
 94- Osteoblast-d14 GSM258738 CELL  
 93- Osteoblast-d14 GSM258737 CELL  
 92- Osteoblast-d5 GSM258742 CELL  
 91- Osteoblast-d5 GSM258741 CELL  
 90- Chondrocytes GSM266741 CELL  
 89- Chondrocytes GSM266740 CELL  
 88- Nat Helper cell GSM465594 CELL  
 87- Nat Helper cell GSM465593 CELL  
 86- Tt cell GSM465596 CELL  
 85- MS-1 GSM234692 CELL  
 84- Lymph-endo-cells GSM143704 CELL  
 83- P-FDC GSM481977 CELL  
 82- P-FDC GSM481978 CELL  
 81- P-FDC GSM481976 CELL  
 80- E-L Y RMLNDCC003001 CELL  
 79- E-L Y RMLNDCC003001 CELL  
 78- Follicular-Bcells GSM258664 CELL  
 77- Follicular-Bcells GSM258663 CELL  
 76- MZ-Bcell GSM258627 CELL  
 75- MZ-Bcell GSM258621 CELL  
 74- BAF3 GSM258620 CELL  
 73- BAF3 GSM258619 CELL  
 72- Tregs GSM258778 CELL  
 71- Tregs GSM258777 CELL  
 70- T-cells CD8+ GSM258776 CELL  
 69- T-cells CD8+ GSM258774 CELL  
 68- T-cells CD4+ GSM258773 CELL  
 67- T-cells CD4+ GSM258773 CELL  
 66- Thymocyte-DN GSM465595 CELL  
 65- Osteoclasts GSM258743 CELL  
 64- Microglia GSM258721 CELL  
 63- Microglia GSM258721 CELL  
 62- PMM-LPS-7h GSM258706 CELL  
 61- PMM-LPS-7h GSM258705 CELL  
 60- PMM-LPS-7h GSM258702 CELL  
 59- PMM-LPS-6h GSM258700 CELL  
 58- PMM-LPS-6h GSM258699 CELL  
 57- BMM-LPS-6h GSM258699 CELL  
 56- BMM-LPS-6h GSM258694 CELL  
 55- BMM-LPS-6h GSM258694 CELL  
 54- BMM-LPS-6h GSM258694 CELL  
 53- Plasmacytoid-DC GSM258650 CELL  
 52- CD8a-DC GSM258649 CELL  
 51- CD8a-DC GSM258647 CELL  
 50- CD8a-DC GSM258647 CELL  
 49- CD8a+DC GSM258646 CELL  
 48- CD8a+DC GSM258645 CELL  
 47- NK-cells GSM258732 CELL  
 46- NK-cells GSM258731 CELL  
 45- Mast-cells-IgE+Ad GSM258719 CELL  
 44- Mast-cells-IgE+Ad GSM258717 CELL  
 43- Mast-cells-IgE GSM258714 CELL  
 42- Mast-cells-IgE GSM258713 CELL  
 41- Mast-cells GSM258712 CELL  
 40- Mast-cells GSM258711 CELL  
 39- Granulocytes GSM258668 CELL  
 38- Granulocytes GSM258667 CELL  
 37- GMP GSM258666 CELL  
 36- GMP GSM258666 CELL  
 35- GMP GSM258665 CELL  
 34- GMP GSM258664 CELL  
 33- MIEP GSM258872 CELL  
 32- MIEP GSM258871 CELL  
 31- HESC GSM258770 CELL  
 30- HESC GSM258769 CELL  
 29- Bone marrow GSM258628 CELL  
 28- Bone marrow GSM258627 CELL  
 27- paneth-cells-GE GSM116358 CELL  
 26- paneth-cells-GE GSM116357 CELL  
 25- paneth-cells GSM116350 CELL  
 24- paneth-cells GSM116350 CELL  
 23- paneth-cells GSM318589 CELL  
 22- paneth-cells GSM318589 CELL  
 21- Colon-Crypt GSM480375 CELL  
 20- Colon-Crypt GSM480374 CELL  
 19- Colon-Vill GSM480363 CELL  
 18- Colon-Vill GSM480362 CELL  
 17- Colon-IEC-GE GSM349880 CELL  
 16- Colon-IEC-GE GSM350375 CELL  
 15- Ileum-IEC-TGF GSM350376 CELL  
 14- Ileum-IEC GSM350371 CELL  
 13- Small-intestine-epithelium RMINEP002901 CELL  
 12- Small-intestine-epithelium RMINEP001001 CELL  
 11- FAE-RMPYEP002001 CELL  
 10- FAE-RMPYEP001001 CELL  
 09- Ileum-IEC GSM190797 CELL  
 08- Ileum-IEC GSM190796 CELL  
 07- Ileum-IEC GSM190795 CELL  
 06- CT-v-M-cells GSM190794 CELL  
 05- CT-v-M-cells GSM190793 CELL  
 04- CT-v-M-cells GSM190792 CELL  
 03- PP-M-cells GSM190791 CELL  
 02- PP-M-cells GSM190790 CELL  
 01- PP-M-cells GSM190789 CELL



Cluster0348\_High in lymphatic endothelial cells and NH cells (7 nodes)

2,484.6  
2,353.8  
2,223  
2,092.3  
1,961.5  
1,830.7  
1,700  
1,569.2  
1,438.4  
1,307.7  
1,176.9  
1,046.1  
915.4  
784.6  
653.8  
523.1  
392.3  
261.5  
130.8  
0



130-NALT GSM289411 CEL  
 129-NALT GSM289410 CEL  
 128-NALT GSM289409 CEL  
 127-NALT GSM289408 CEL  
 126-CD9 GSM1988105 CEL  
 125-CD9 GSM1988104 CEL  
 124-CD9 GSM1988103 CEL  
 123-CD9 GSM1988102 CEL  
 122-CD9 GSM1988101 CEL  
 121-Intestine-large GSM258676 CEL  
 120-Intestine-large GSM258675 CEL  
 119-Intestine-small GSM258674 CEL  
 118-Intestine-small GSM258673 CEL  
 117-Lymph-nodes GSM258672 CEL  
 116-Lymph-nodes GSM258671 CEL  
 115-Spleen GSM258767 CEL  
 114-Spleen GSM258766 CEL  
 113-Neuro2a GSM258728 CEL  
 112-Neuro2a GSM258727 CEL  
 111-Astrocytes GSM241898 CEL  
 110-mimb GSM258726 CEL  
 109-mimb GSM258725 CEL  
 108-MIMCD3 GSM258724 CEL  
 107-MIMCD3 GSM258723 CEL  
 106-Bruce4 GSM258656 CEL  
 105-Bruce4 GSM258655 CEL  
 104-C2C12 GSM258690 CEL  
 103-C2C12 GSM258689 CEL  
 102-NH3T3 GSM258730 CEL  
 101-NH3T3 GSM258729 CEL  
 100-3T3-L1 GSM258610 CEL  
 99-3T3-L1 GSM258609 CEL  
 98-10T12 GSM258632 CEL  
 97-10T12 GSM258631 CEL  
 96-Osteoblast-d21 GSM258740 CEL  
 95-Osteoblast-d21 GSM258739 CEL  
 94-Osteoblast-d14 GSM258738 CEL  
 93-Osteoblast-d14 GSM258737 CEL  
 92-Osteoblast-d5 GSM258742 CEL  
 91-Osteoblast-d5 GSM258741 CEL  
 90-Chondrocytes GSM266741 CEL  
 89-Chondrocytes GSM266740 CEL  
 88-Nat Helper cell GSM465594 CEL  
 87-Nat Helper cell GSM465593 CEL  
 86-LT cell GSM465596 CEL  
 85-MS-1 GSM234692 CEL  
 84-Lymph-endo-cells GSM143704 CEL  
 83-PP-FDC GSM481977 CEL  
 82-PP-FDC GSM481976 CEL  
 81-PP-FDC GSM481975 CEL  
 80-LY-RMLNDCC003001 CEL  
 79-LY-RMLNDCC003001 CEL  
 78-Follicular-Bcells GSM258664 CEL  
 77-Follicular-Bcells GSM258663 CEL  
 76-MZ-Bcell GSM258627 CEL  
 75-MZ-Bcell GSM258626 CEL  
 74-BAF3 GSM258620 CEL  
 73-BAF3 GSM258619 CEL  
 72-Tregs GSM258778 CEL  
 71-Tregs GSM258777 CEL  
 70-T-cells-CD8+ GSM258776 CEL  
 69-T-cells-CD8+ GSM258775 CEL  
 68-T-cells-CD4+ GSM258774 CEL  
 67-T-cells-CD4+ GSM258773 CEL  
 66-Thymocyte-DN GSM465595 CEL  
 65-Osteoclasts GSM258743 CEL  
 64-Microglia GSM258721 CEL  
 63-Microglia GSM258720 CEL  
 62-MM-PS-7h GSM258706 CEL  
 61-MM-PS-7h GSM258705 CEL  
 60-MM-PS-6h GSM258702 CEL  
 59-MM-PS-6h GSM258701 CEL  
 58-MM-LPS-6h GSM258699 CEL  
 57-MM-LPS-6h GSM258698 CEL  
 56-MM-LPS-6h GSM258694 CEL  
 55-MM-LPS-6h GSM258693 CEL  
 54-Plasmacytoid-DC GSM258650 CEL  
 53-Plasmacytoid-DC GSM258649 CEL  
 52-CD8a-DC GSM258647 CEL  
 51-CD8a-DC GSM258646 CEL  
 50-CD8a+DC GSM258645 CEL  
 49-CD8a+DC GSM258644 CEL  
 48-NK-cells GSM258732 CEL  
 47-NK-cells GSM258731 CEL  
 46-Mast-cells-IgE+Ad GSM258718 CEL  
 45-Mast-cells-IgE+Ad GSM258717 CEL  
 44-Mast-cells-IgE GSM258714 CEL  
 43-Mast-cells-IgE GSM258713 CEL  
 42-Mast-cells-IgE GSM258712 CEL  
 41-Mast-cells GSM258711 CEL  
 40-Granulocytes GSM258667 CEL  
 39-Granulocytes GSM258666 CEL  
 38-GMP GSM258665 CEL  
 37-GMP GSM258664 CEL  
 36-GMP GSM258662 CEL  
 35-GMP GSM258661 CEL  
 34-MEP GSM2588720 CEL  
 33-MEP GSM2588719 CEL  
 32-MEP GSM2588718 CEL  
 31-HESC GSM2588717 CEL  
 30-HESC GSM2588716 CEL  
 29-Bone marrow GSM2588628 CEL  
 28-Bone marrow GSM2588627 CEL  
 27-paneth-cells-GF-1 GSM116357 CEL  
 26-paneth-cells-GF-1 GSM116356 CEL  
 25-paneth-cells GSM116350 CEL  
 24-paneth-cells GSM116359 CEL  
 23-paneth-cells GSM318589 CEL  
 22-paneth-cells GSM318590 CEL  
 21-Colon-Crypt GSM480375 cel  
 20-Colon-Crypt GSM480374 cel  
 19-Colon-Vill GSM480363 cel  
 18-Colon-Vill GSM480362 cel  
 17-Colon-IEC-GF GSM349880 CEL  
 16-Colon-IEC-GF GSM350375 CEL  
 15-Ileum-IEC GSM350376 CEL  
 14-Ileum-IEC GSM350371 CEL  
 13-Small-intestine-epithelium RMINEP002001 CEL  
 12-Small-intestine-epithelium RMINEP001001 CEL  
 11-FAE-RMPYEP002001 CEL  
 10-FAE-RMPYEP001001 CEL  
 9-Ileum-IEC GSM190797 CEL  
 8-Ileum-IEC GSM190796 CEL  
 7-Ileum-IEC GSM190795 CEL  
 6-CT-v-M-cells GSM190794 CEL  
 5-CT-v-M-cells GSM190793 CEL  
 4-CT-v-M-cells GSM190792 CEL  
 3-PP-M-cells GSM190791 CEL  
 2-PP-M-cells GSM190790 CEL  
 1-PP-M-cells GSM190789 CEL



Cluster0349\_High in Bruce4 cells (7 nodes)

2,259.9  
2,140.9  
2,022  
1,903  
1,784.1  
1,665.2  
1,546.2  
1,427.3  
1,308.3  
1,189.4  
1,070.5  
951.5  
832.6  
713.6  
594.7  
475.8  
356.8  
237.9  
118.9  
0



130-NALT GSM289411 CELL  
129-NALT GSM289410 CELL  
128-NALT GSM289409 CELL  
127-NALT GSM289408 CELL  
126-Color-d9 GSM1988105 CELL  
125-Color-d9 GSM1988104 CELL  
124-Color-d9 GSM1988103 CELL  
123-Color-d4 GSM1988102 CELL  
122-Color-d4 GSM1988101 CELL  
121-Intestine-large GSM258676 CELL  
120-Intestine-large GSM258675 CELL  
119-Intestine-small GSM258674 CELL  
118-Intestine-small GSM258673 CELL  
117-Lymph-nodes GSM258672 CELL  
116-Lymph-nodes GSM258671 CELL  
115-Spleen GSM258767 CELL  
114-Spleen GSM258766 CELL  
113-Neuro2a GSM258727 CELL  
112-Neuro2a GSM241898 CELL  
111-Astrocytes GSM241898 CELL  
110-ming GSM258726 CELL  
109-ming GSM258725 CELL  
108-MIMCD3 GSM258724 CELL  
107-MIMCD3 GSM258723 CELL  
106-Bruce4 GSM258665 CELL  
105-Bruce4 GSM258665 CELL  
104-C2C12 GSM258690 CELL  
103-C2C12 GSM258689 CELL  
102-NH3T3 GSM258730 CELL  
101-NH3T3 GSM258729 CELL  
100-3T3-L1 GSM258610 CELL  
99-3T3-L1 GSM258609 CELL  
98-10T12 GSM258632 CELL  
97-10T12 GSM258631 CELL  
96-Osteoblast-d21 GSM258740 CELL  
95-Osteoblast-d21 GSM258739 CELL  
94-Osteoblast-d14 GSM258738 CELL  
93-Osteoblast-d14 GSM258737 CELL  
92-Osteoblast-d5 GSM258742 CELL  
91-Osteoblast-d5 GSM258741 CELL  
90-Chondrocytes GSM266741 CELL  
89-Chondrocytes GSM266740 CELL  
88-Nat Helper cell GSM465594 CELL  
87-Nat Helper cell GSM465593 CELL  
86-TT cell GSM465596 CELL  
85-MS-1 GSM234692 CELL  
84-Lymph-endo-cells GSM143704 CELL  
83-PP-FDC GSM481977 CELL  
82-PP-FDC GSM481978 CELL  
81-PP-FDC GSM481976 CELL  
80-L-Y RMLNDCC003001 CELL  
79-L-Y RMLNDCC003001 CELL  
78-Follicular-Bcells GSM258664 CELL  
77-Follicular-Bcells GSM258663 CELL  
76-MZ-Bcell GSM258627 CELL  
75-MZ-Bcell GSM258627 CELL  
74-BAF3 GSM258620 CELL  
73-BAF3 GSM258619 CELL  
72-Tregs GSM258778 CELL  
71-Tregs GSM258777 CELL  
70-T-cells-CD8+ GSM258776 CELL  
69-T-cells-CD8+ GSM258774 CELL  
68-T-cells-CD4+ GSM258773 CELL  
67-T-cells-CD4+ GSM258744 CELL  
66-Thymocyte-DN GSM465595 CELL  
65-Osteoclasts GSM258743 CELL  
64-Microglia GSM258721 CELL  
63-Microglia GSM258721 CELL  
62-MM-LPS-7h GSM258706 CELL  
61-MM-LPS-7h GSM258706 CELL  
60-MM-LPS-7h GSM258705 CELL  
59-MM-LPS-6h GSM258702 CELL  
58-MM-LPS-6h GSM258702 CELL  
57-MM-LPS-6h GSM258699 CELL  
56-MM-LPS-6h GSM258699 CELL  
55-MM-LPS-6h GSM258699 CELL  
54-MM-LPS-6h GSM258699 CELL  
53-Iasmacryoid-DC GSM258650 CELL  
52-Iasmacryoid-DC GSM258649 CELL  
51-CD8a-DC GSM258648 CELL  
50-CD8a-DC GSM258647 CELL  
49-CD8a+DC GSM258646 CELL  
48-CD8a+DC GSM258646 CELL  
47-NK-cells GSM258732 CELL  
46-NK-cells GSM258731 CELL  
45-Mast-cells-IgE+Ad GSM258719 CELL  
44-Mast-cells-IgE+Ad GSM258717 CELL  
43-Mast-cells-IgE GSM258714 CELL  
42-Mast-cells-IgE GSM258713 CELL  
41-Mast-cells GSM258712 CELL  
40-Granulocytes GSM258668 CELL  
39-Granulocytes GSM258667 CELL  
38-GMP GSM258666 CELL  
37-GMP GSM258666 CELL  
36-GMP GSM258666 CELL  
35-GMP GSM258642 CELL  
34-MEP GSM258642 CELL  
33-MEP GSM258720 CELL  
32-MEP GSM258719 CELL  
31-HESC GSM258770 CELL  
30-HESC GSM258769 CELL  
29-Bone marrow GSM258628 CELL  
28-Bone marrow GSM258627 CELL  
27-paneth-cells-GE GSM116358 CELL  
26-paneth-cells-GE GSM116357 CELL  
25-paneth-cells GSM116350 CELL  
24-paneth-cells GSM116359 CELL  
23-paneth-cells GSM318589 CELL  
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02-PP-M-cells GSM190790 CELL  
01-PP-M-cells GSM190789 CELL