

Expression of mesenchyme-specific gene signatures by follicular dendritic cells: insights from the meta-analysis of microarray data from multiple mouse cell populations

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Supplementary Fig. 1: The average expression profile of the top 50 clusters over the 85 samples used in our analysis. (Pearson $r = 0.85$, MCL = 2.2). Samples are grouped according to cell type: **1**, mesenchyme-lineage cells, embryonic stem cells, neurones; **2**, bone marrow progenitor cells; **3**, splenic classical DC and plasmacytoid DC; **4**, phagocytes (bone marrow-derived, peritoneal, RAW-264, osteoclasts, microglia); **5**, granulocytes, NK cells and mast cells; **6**, B and T lymphocytes; **7**, tissues (bone marrow, spleen and lymph nodes); **8**, FDC.

Cluster number

1

2

3

4

5

6

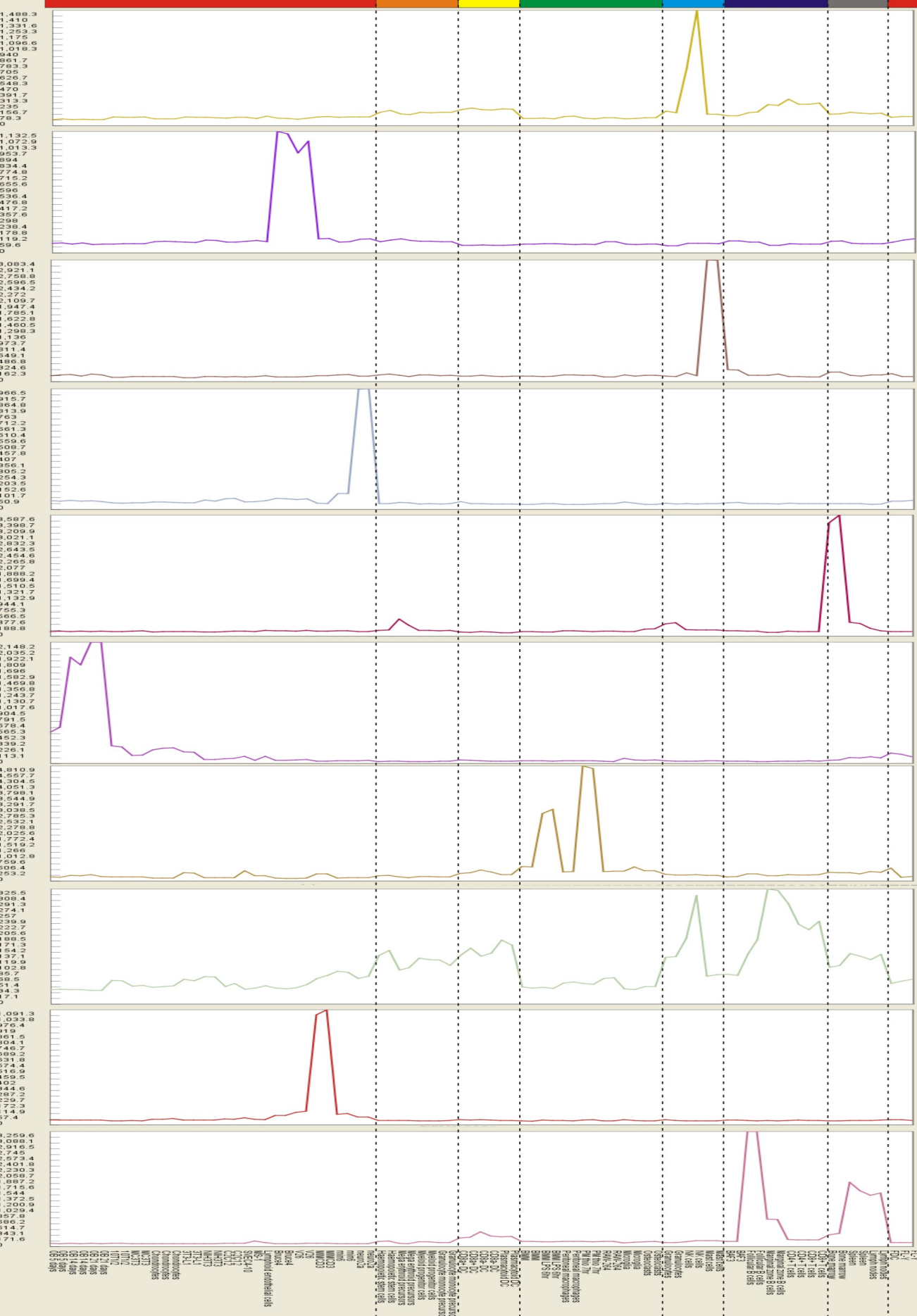
7

8

9

10

Mean cluster gene expression



1

2

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Cell type

OES1 cells
 OES2 cells
 OES3 cells
 OES4 cells
 OES5 cells
 OES6 cells
 OES7 cells
 OES8 cells
 OES9 cells
 OES10 cells
 OES11 cells
 OES12 cells
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 OES93 cells
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 OES95 cells
 OES96 cells
 OES97 cells
 OES98 cells
 OES99 cells
 OES100 cells

Cluster number

11

12

13

14

15

16

17

18

19

20

Mean cluster gene expression

1,488.3
1,410
1,331.6
1,253.3
1,175
1,096.6
1,018.3
940
861.7
783.3
705
626.7
548.3
470
391.7
313.3
235
156.7
78.3
0

715
639.7
562.1
484.5
406.9
329.3
251.7
174.1
96.5
19.0

788.4
712
635.8
559.3
482.8
406.3
329.8
253.3
176.8
100.3
22.8

1,383.3
1,310.5
1,237.7
1,164.9
1,092.1
1,019.3
946.5
873.7
800.9
728.1
655.3
582.5
509.7
436.8
364
291.2
218.4
145.6
72.8
0

16,768.1
15,885.6
15,003
14,120.5
13,238
12,355.5
11,473
10,590.4
9,707.8
8,825.3
7,942.8
7,060.3
6,177.8
5,295.3
4,412.8
3,530.3
2,647.8
1,765.3
882.5
0

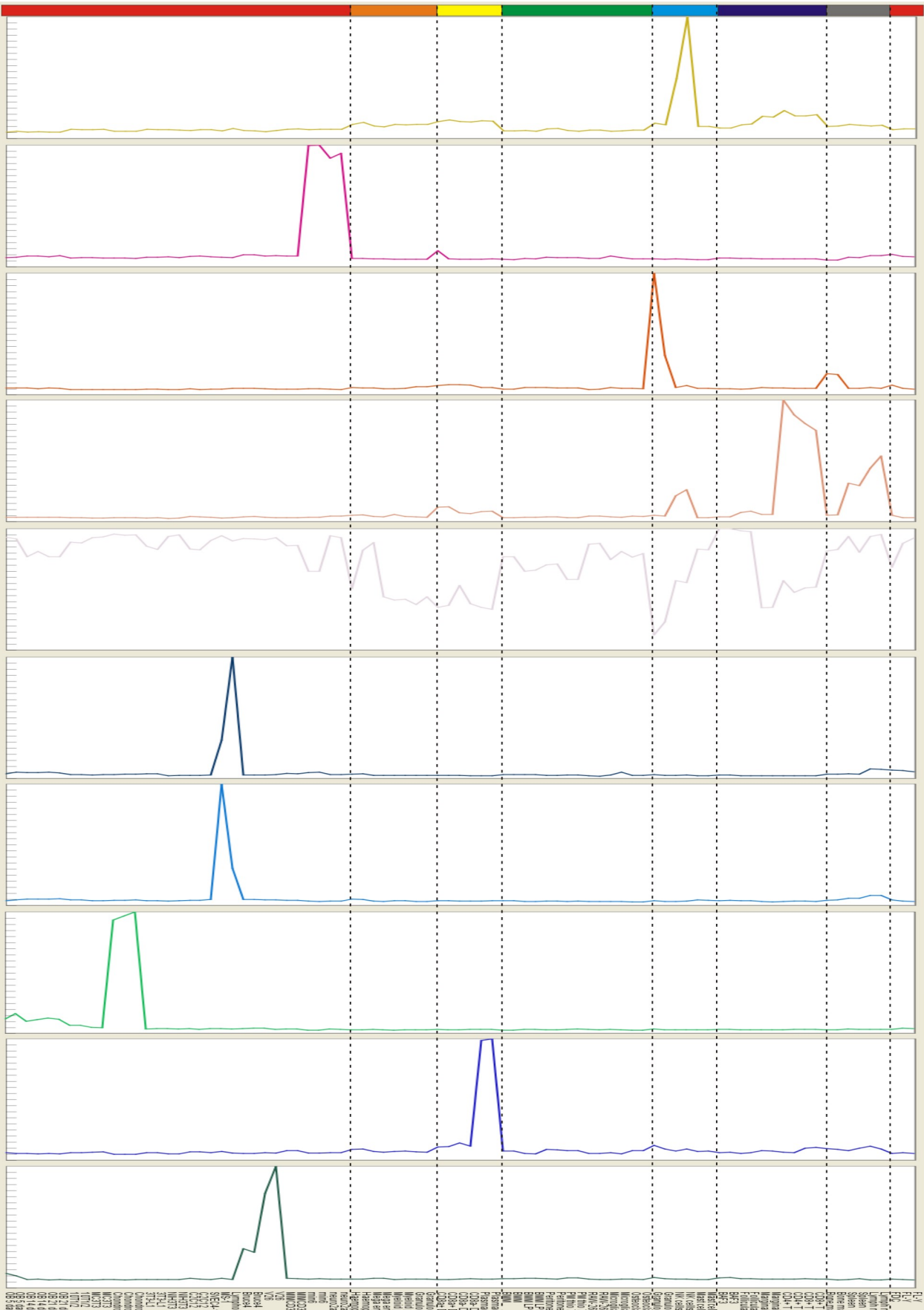
2,307
2,185.6
2,064
1,942.4
1,821
1,699.6
1,578
1,456.4
1,335
1,213.6
1,092.2
971
850
728.4
607.1
485.7
364.3
242.8
121.4
0

1,432.9
1,348
1,263
1,179
1,095
1,011
927
843
759
674
590
506
422
338
254
170
86
0

1,400.4
1,326.7
1,253
1,179
1,105
1,031
956.2
884.5
810.8
737.1
663.3
589.6
515.9
442.2
368.6
294.9
221.1
147.4
73.7
0

877.6
811.4
745.2
679
612.8
546.6
480.4
414.2
348
281.8
215.6
149.4
83.2
17
0

429.8
407.2
384.6
361.8
339.3
316.7
294.1
271.4
248.8
226.2
203.6
181
158.3
135.7
113.1
90.5
67.9
45.3
22.7
0



Cell type

1

2

3

4

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