

	FlowSOMmary
<i>Total number of cells</i>	1355296
<i>Total number of metaclusters</i>	10
<i>Total number of clusters</i>	100
<i>Markers used for FlowSOM</i>	Ter119 <Ter119>, CD45 <CD45>, Ly6G <Ly6G>, IgD <IgD>, CD49b <CD49b>, CD11c <CD11c>, CD49d <CD49d>, CD27 <CD27>, CD138 <CD138>, PD.L1 <PD.L1>, CD103 <CD103>, SiglecF <SiglecF>, PDCA.1 <PDCA.1>, Ly6c <Ly6c>, CD11b <CD11b>, cKit <cKit>, CD8 <CD8>, CD4 <CD4>, CD3 <CD3>, B220 <B220>, PD.1 <PD.1>, CD31 <CD31>, Tbet <Tbet>, TCRgd <TCRgd>, CD62L <CD62L>, CD86 <CD86>, CD69 <CD69>, FcER1a <FcER1a>, Foxp3 <Foxp3>, RORgt <RORgt>, F4.80 <F4.80>, CD115 <CD115>, CD64 <CD64>, GATA3 <GATA3>, CD19 <CD19>, IgM <IgM>, CD44 <CD44>, CD90 <CD90>, MHCII <MHCII>

Metacluster	Number of cells	Percentage of cells	Number of clusters	Clusters
1	487303	35.955	29	1, 2, 3, 4, 5, 6, 11, 12, 13, 14, 15, 21, 22, 23, 24, 25, 31, 32, 33, 34, 35, 41, 42, 43, 44, 51, 52, 53, 62
2	327991	24.201	22	7, 8, 9, 10, 17, 18, 19, 20, 26, 27, 28, 29, 30, 37, 38, 39, 40, 47, 48, 49, 50, 60
3	143	0.011	1	16
4	15375	1.134	4	36, 45, 63, 80
5	90974	6.712	11	46, 54, 55, 56, 57, 58, 64, 66, 67, 68, 88
6	4828	0.356	1	59
7	2719	0.201	1	61
8	53324	3.934	6	65, 89, 90, 98, 99, 100
9	12707	0.938	2	69, 70
10	359932	26.557	23	71, 72, 73, 74, 75, 76, 77, 78, 79, 81, 82, 83, 84, 85, 86, 87, 91, 92, 93, 94, 95, 96, 97

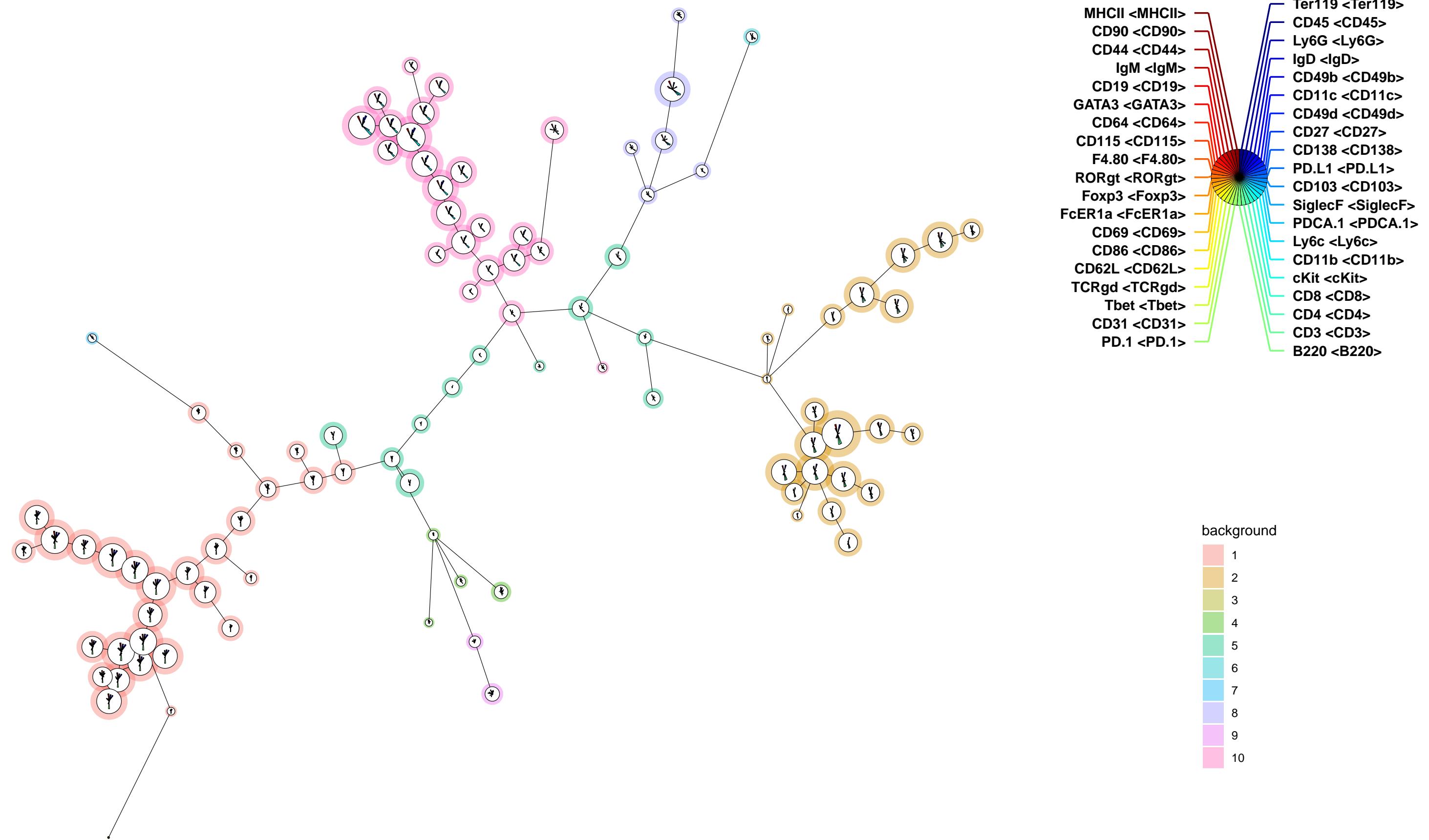
Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
1	9517	0.702	1	1.95
2	20596	1.520	1	4.23
3	26558	1.960	1	5.45
4	25935	1.914	1	5.32
5	20656	1.524	1	4.24
6	2242	0.165	1	0.46
7	23173	1.710	2	7.07
8	36041	2.659	2	10.99
9	12444	0.918	2	3.79
10	8454	0.624	2	2.58
11	27671	2.042	1	5.68
12	21791	1.608	1	4.47
13	26414	1.949	1	5.42
14	17054	1.258	1	3.50
15	26849	1.981	1	5.51
16	143	0.011	3	100.00
17	21328	1.574	2	6.50
18	24826	1.832	2	7.57
19	12987	0.958	2	3.96
20	2184	0.161	2	0.67
21	16545	1.221	1	3.40
22	20321	1.499	1	4.17
23	22542	1.663	1	4.63
24	18850	1.391	1	3.87
25	28404	2.096	1	5.83
26	2936	0.217	2	0.90
27	12904	0.952	2	3.93
28	14387	1.062	2	4.39
29	10479	0.773	2	3.19
30	18973	1.400	2	5.78

Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
31	14171	1.046	1	2.91
32	22117	1.632	1	4.54
33	15893	1.173	1	3.26
34	20820	1.536	1	4.27
35	10710	0.790	1	2.20
36	3435	0.253	4	22.34
37	12833	0.947	2	3.91
38	23514	1.735	2	7.17
39	21527	1.588	2	6.56
40	20164	1.488	2	6.15
41	5462	0.403	1	1.12
42	9996	0.738	1	2.05
43	14014	1.034	1	2.88
44	4370	0.322	1	0.90
45	1967	0.145	4	12.79
46	6051	0.446	5	6.65
47	11453	0.845	2	3.49
48	2781	0.205	2	0.85
49	3162	0.233	2	0.96
50	9302	0.686	2	2.84
51	7764	0.573	1	1.59
52	12188	0.899	1	2.50
53	10159	0.750	1	2.08
54	12389	0.914	5	13.62
55	13363	0.986	5	14.69
56	7099	0.524	5	7.80
57	6975	0.515	5	7.67
58	5153	0.380	5	5.66
59	4828	0.356	6	100.00
60	22139	1.634	2	6.75

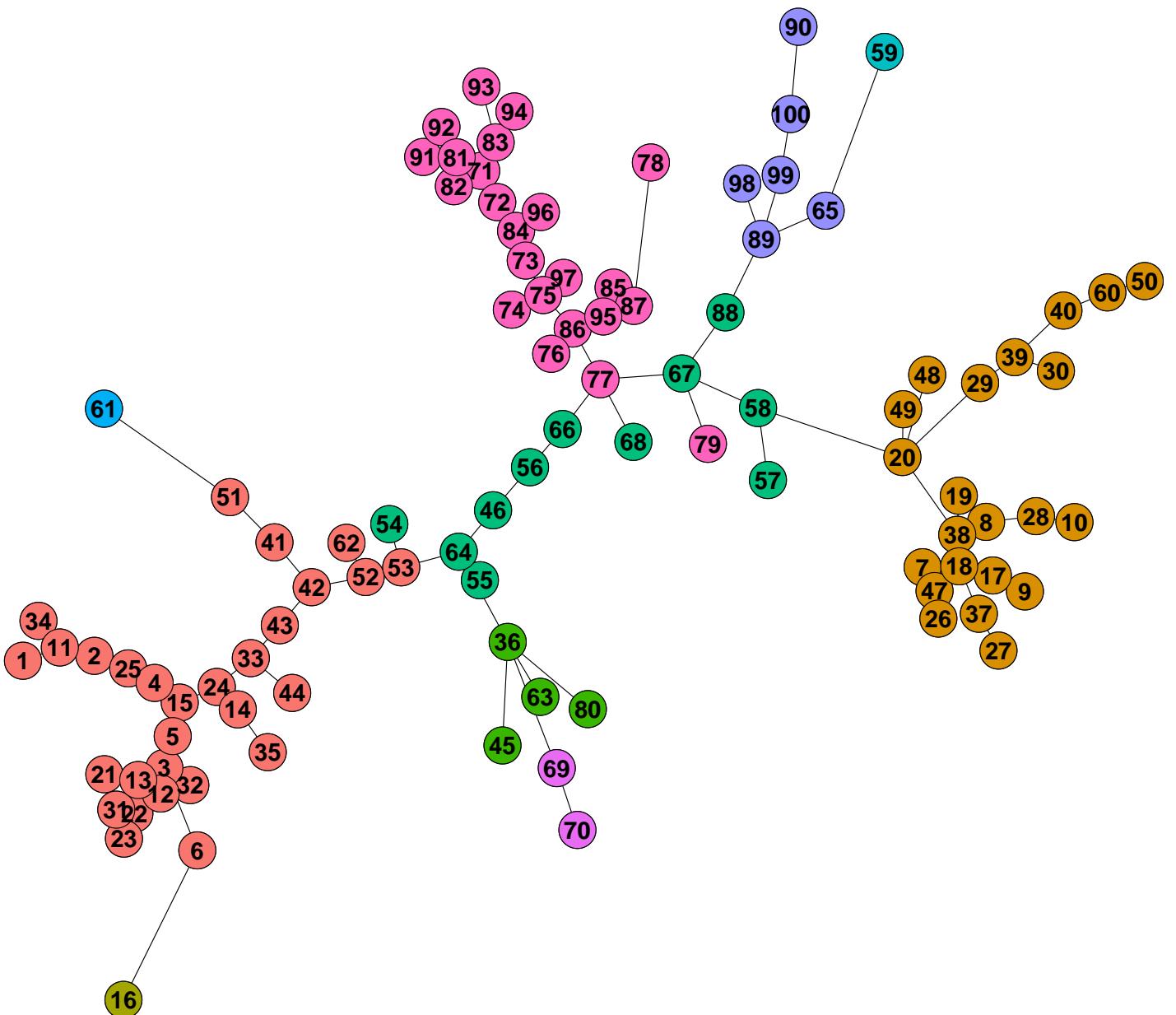
Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
61	2719	0.201	7	100.00
62	7694	0.568	1	1.58
63	3199	0.236	4	20.81
64	9040	0.667	5	9.94
65	5325	0.393	8	9.99
66	7048	0.520	5	7.75
67	10245	0.756	5	11.26
68	2730	0.201	5	3.00
69	4935	0.364	9	38.84
70	7772	0.573	9	61.16
71	29834	2.201	10	8.29
72	23576	1.740	10	6.55
73	21326	1.574	10	5.93
74	10109	0.746	10	2.81
75	20110	1.484	10	5.59
76	8307	0.613	10	2.31
77	11076	0.817	10	3.08
78	12574	0.928	10	3.49
79	2703	0.199	10	0.75
80	6774	0.500	4	44.06
81	17925	1.323	10	4.98
82	14501	1.070	10	4.03
83	17996	1.328	10	5.00
84	22427	1.655	10	6.23
85	12635	0.932	10	3.51
86	16279	1.201	10	4.52
87	12450	0.919	10	3.46
88	10881	0.803	5	11.96
89	6134	0.453	8	11.50
90	4298	0.317	8	8.06

Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
91	26203	1.933	10	7.28
92	12835	0.947	10	3.57
93	5831	0.430	10	1.62
94	14040	1.036	10	3.90
95	17248	1.273	10	4.79
96	16154	1.192	10	4.49
97	13793	1.018	10	3.83
98	4870	0.359	8	9.13
99	11346	0.837	8	21.28
100	21351	1.575	8	40.04

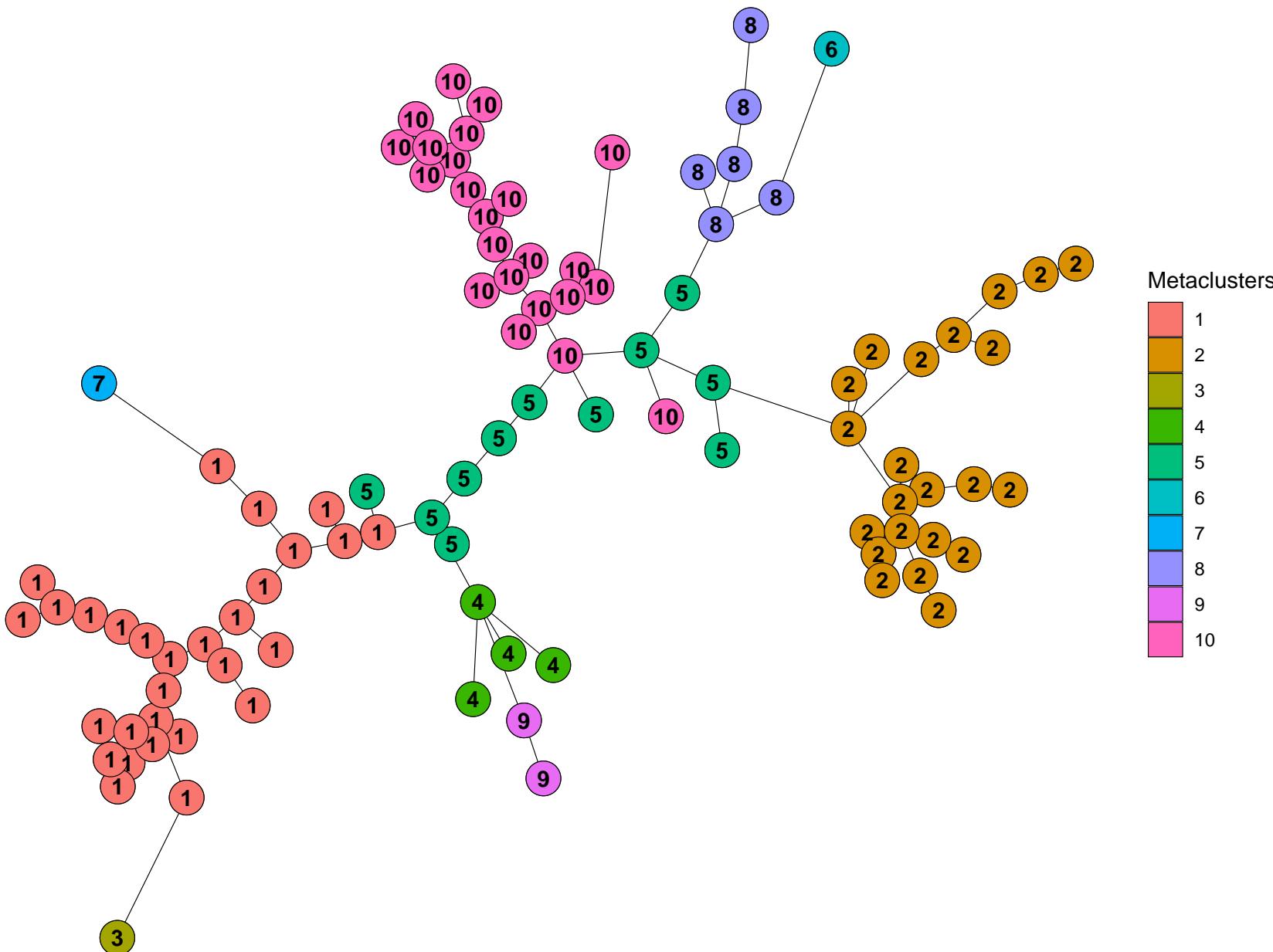
FlowSOM MST



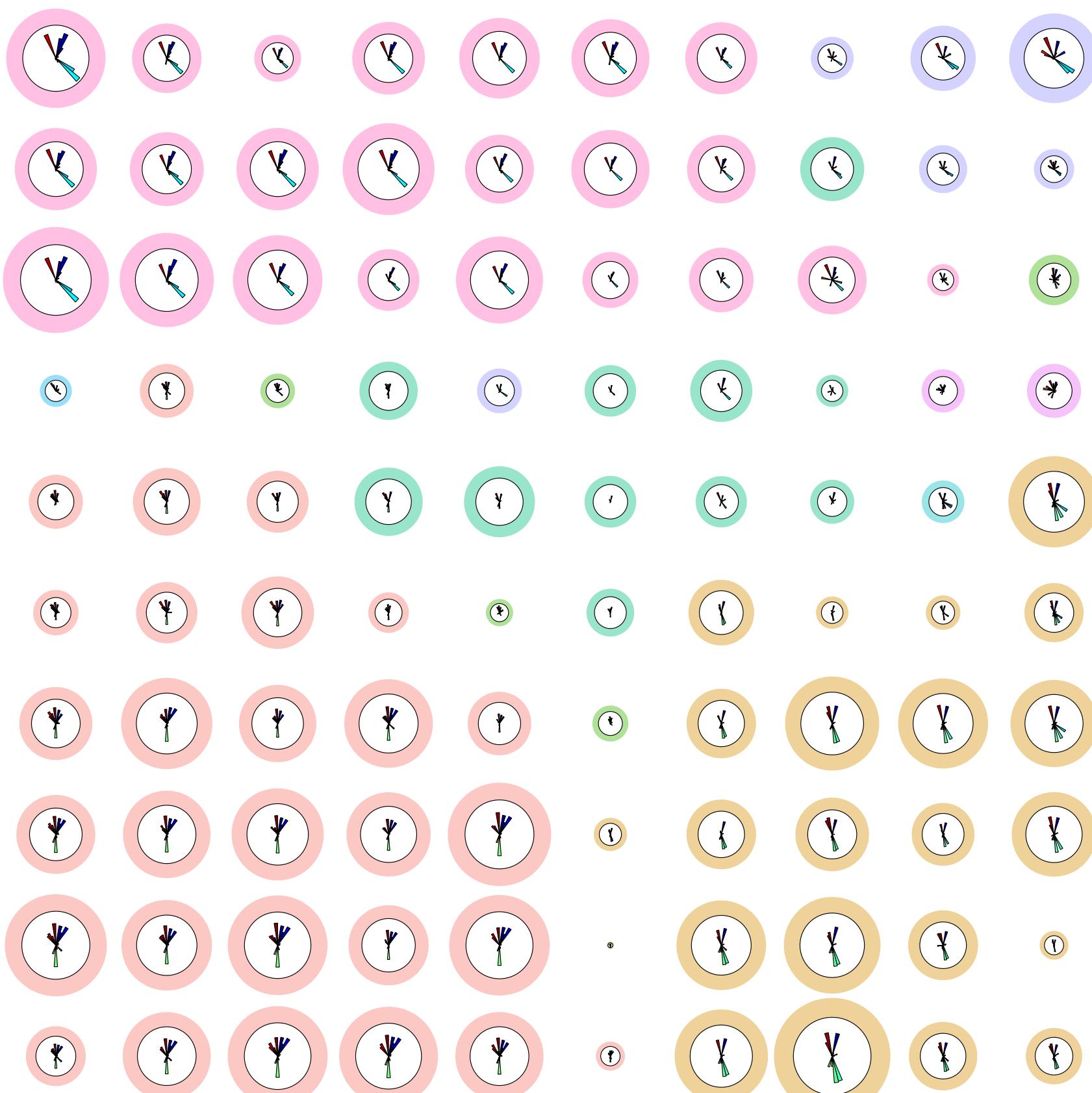
FlowSOM Clusters



FlowSOM Metaclusters



FlowSOM grid

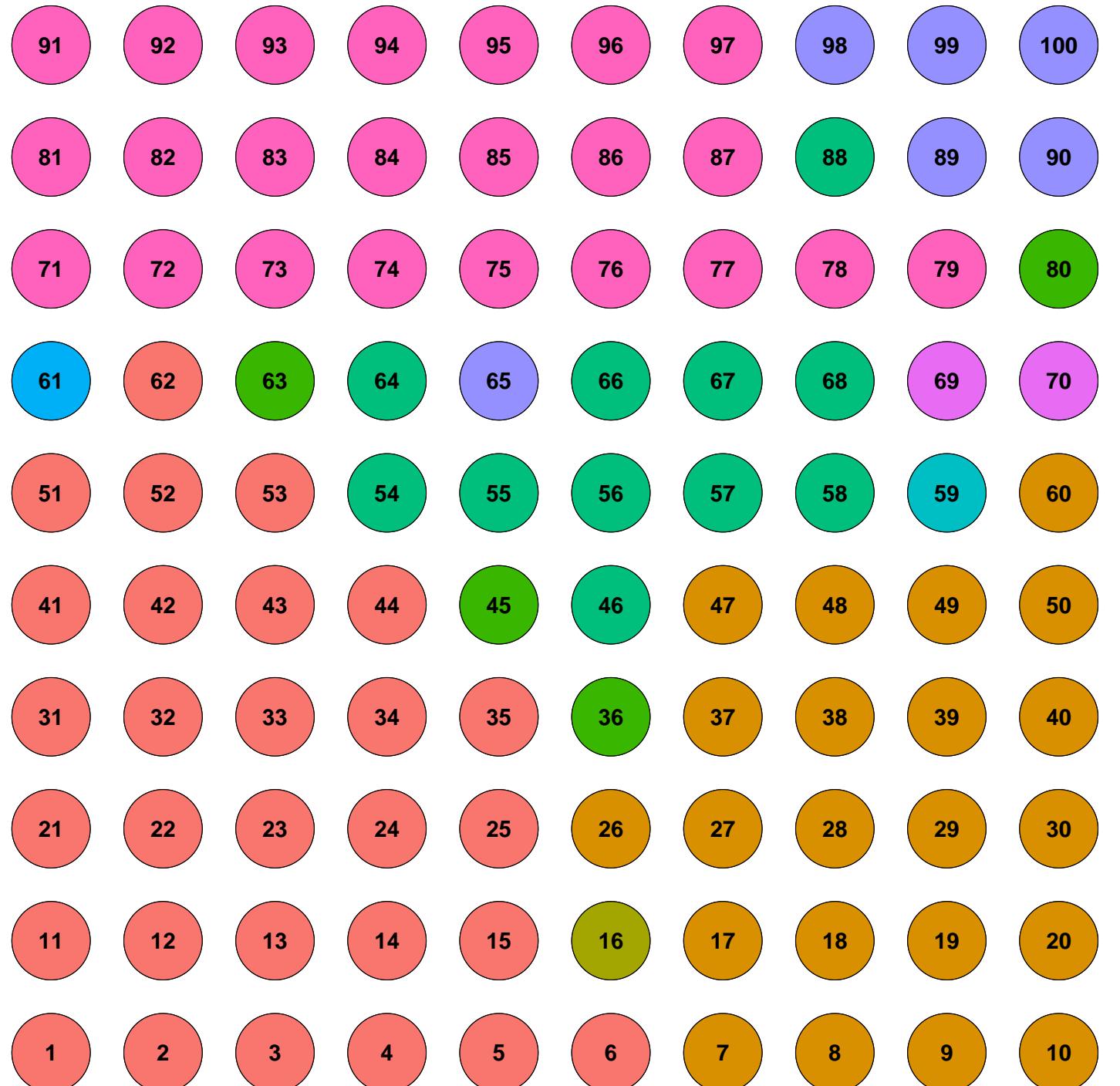


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CD45 <CD45>	CD45 <CD45>
Ly6G <Ly6G>	Ly6G <Ly6G>
IgD <IgD>	IgD <IgD>
CD49b <CD49b>	CD49b <CD49b>
CD11c <CD11c>	CD11c <CD11c>
CD49d <CD49d>	CD49d <CD49d>
CD27 <CD27>	CD27 <CD27>
CD115 <CD115>	CD115 <CD115>
F4.80 <F4.80>	F4.80 <F4.80>
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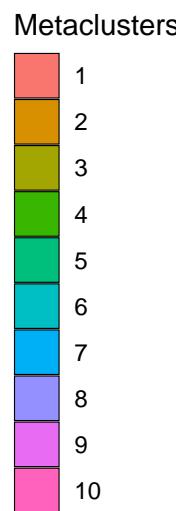
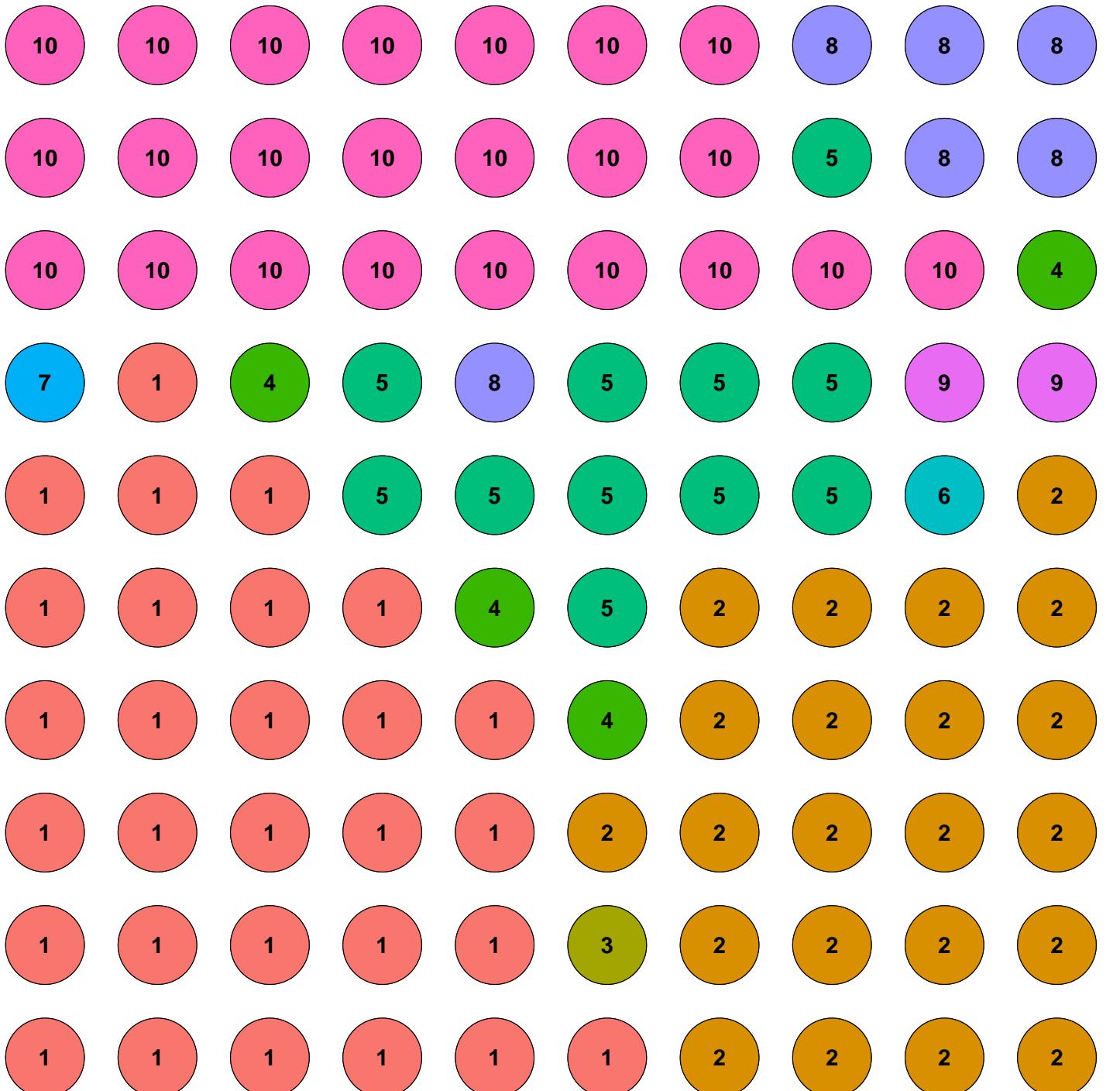
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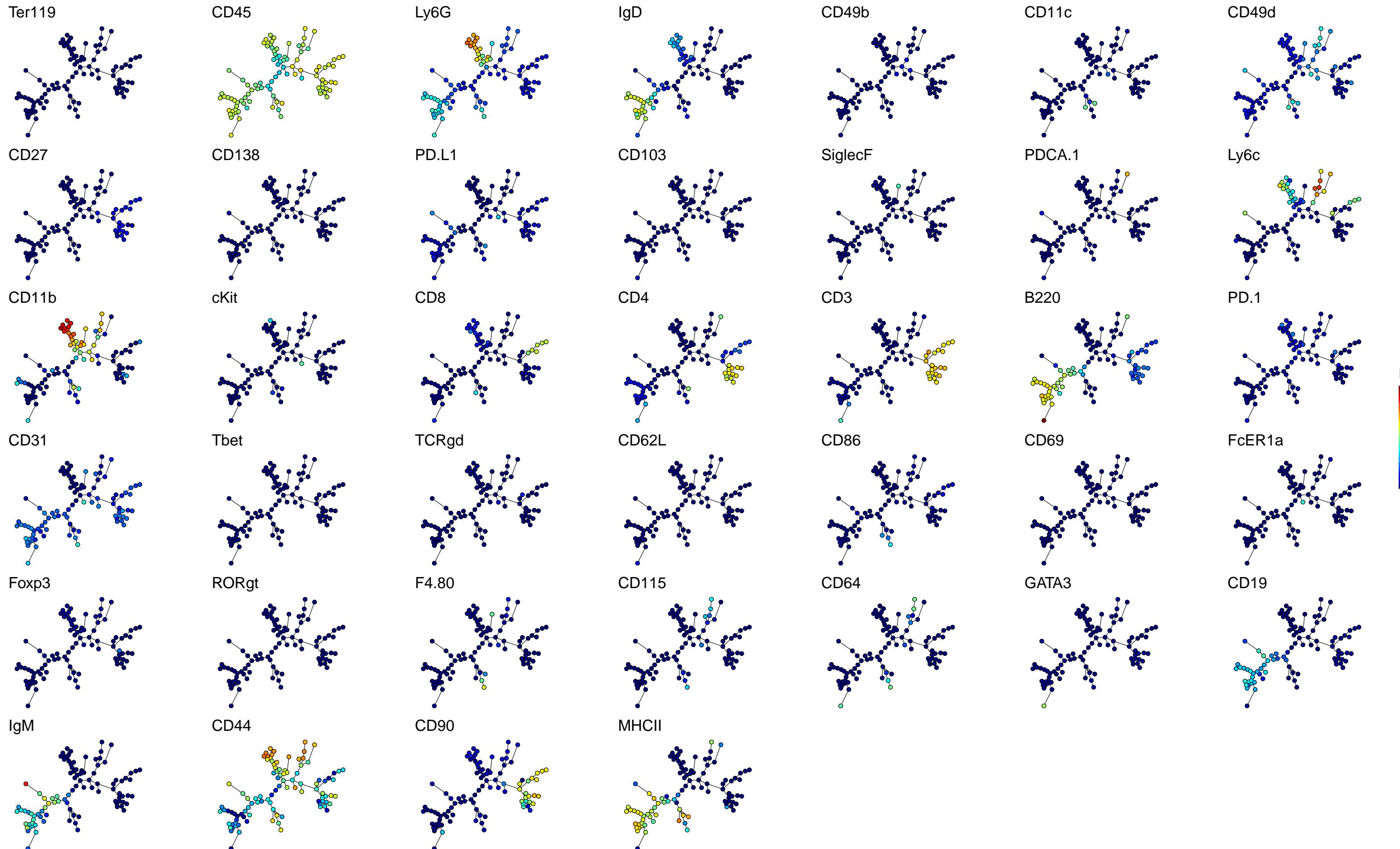
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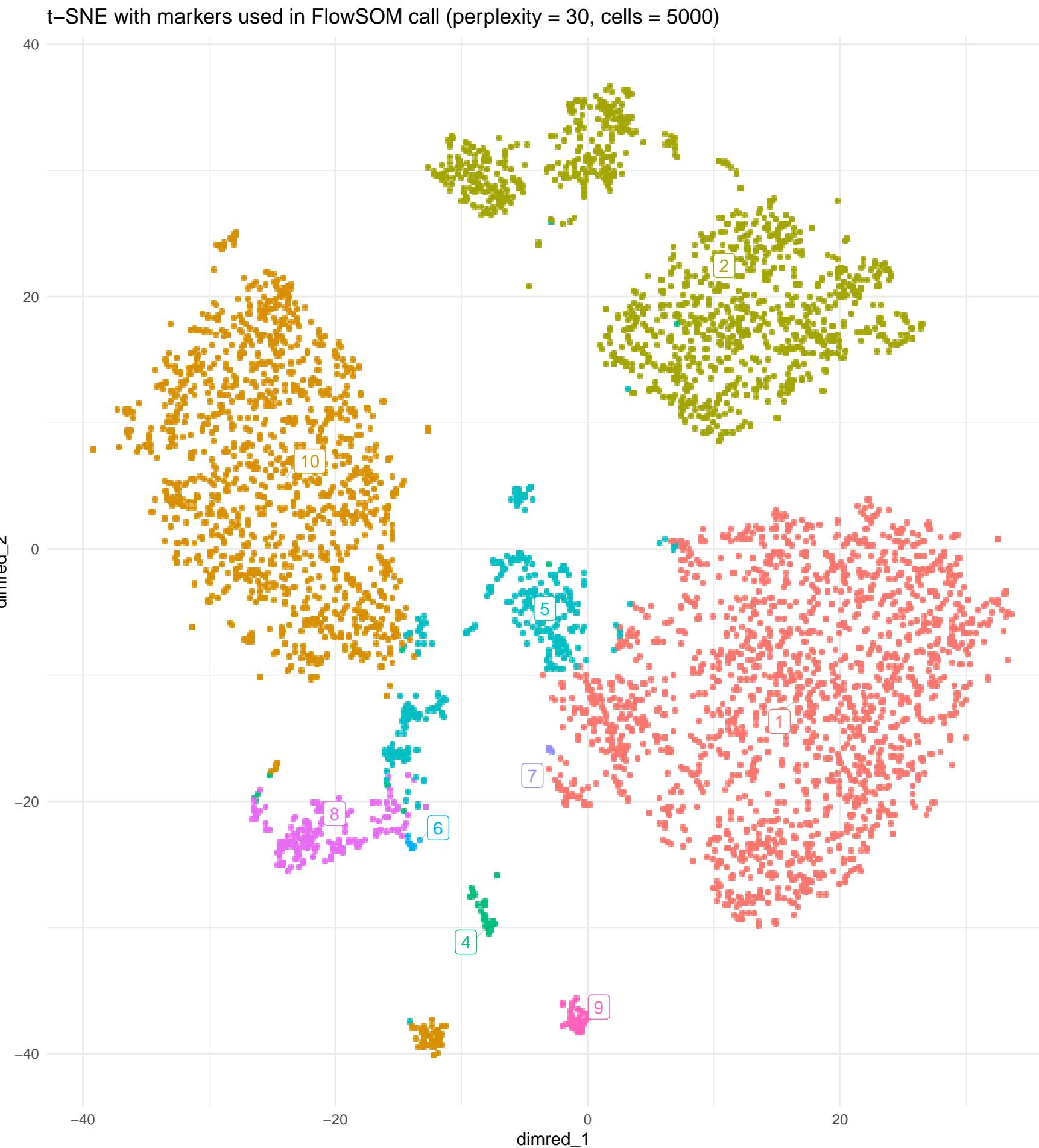
FlowSOM Clusters



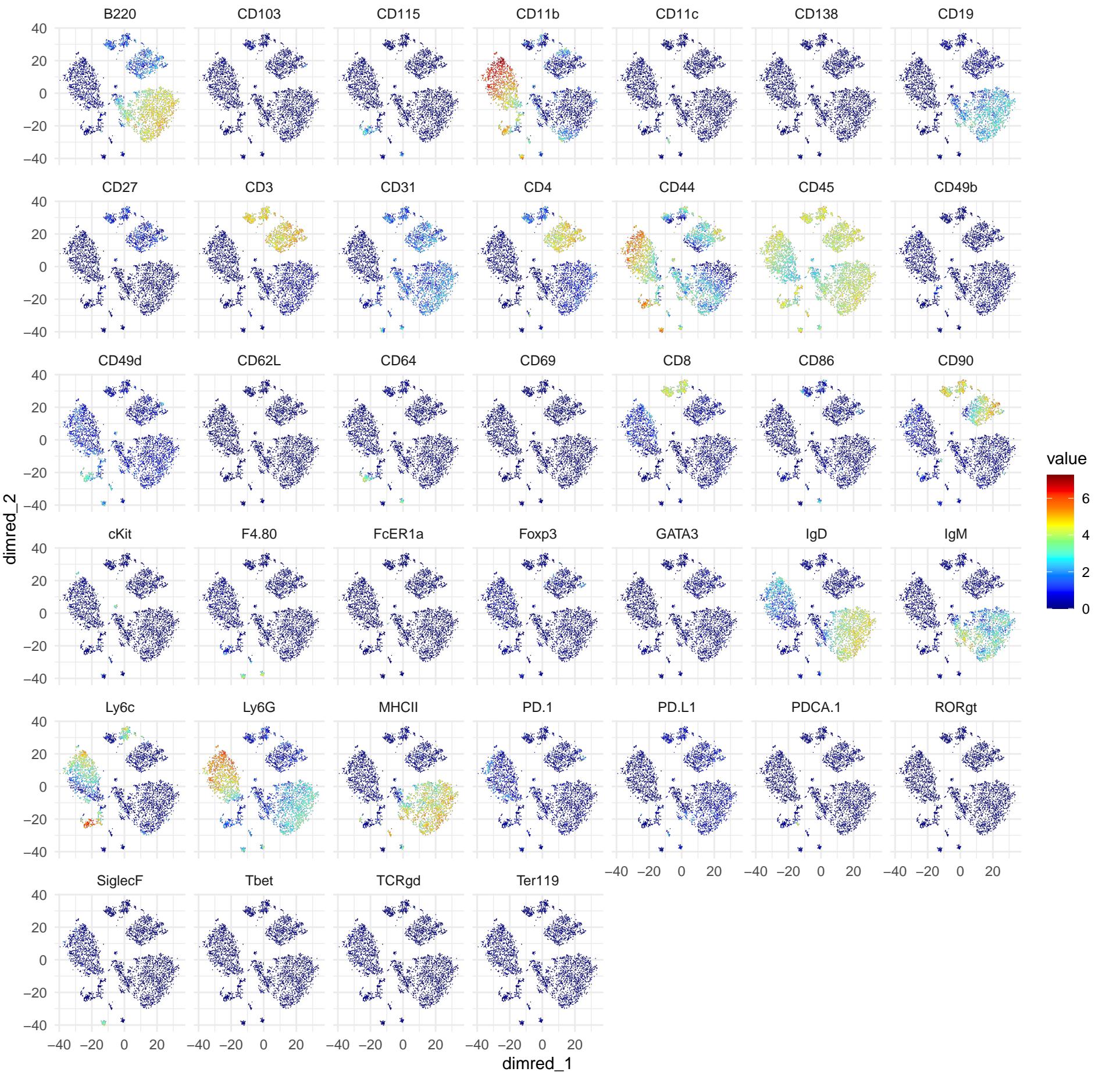
FlowSOM Metaclusters







t-SNE with markers used in FlowSOM call (perplexity = 30, cells = 5000)



Percentages clusters per metacluster

