

	FlowSOMmary
<i>Total number of cells</i>	9647
<i>Total number of metaclusters</i>	16
<i>Total number of clusters</i>	100
<i>Markers used for FlowSOM</i>	89Y_CD_45 <Y89Di>, 145Nd_CD_4 <Nd145Di>, 146Nd_CD_8a <Nd146Di>, 153Eu_CD_45RA <Eu153Di>, 159Tb_CD_197 <Tb159Di>, 170Er_CD_3 <Er170Di>

Metacluster	Number of cells	Percentage of cells	Number of clusters	Clusters
1	466	4.83	4	1, 2, 11, 12
2	126	1.31	1	3
3	369	3.83	5	4, 5, 13, 14, 15
4	492	5.10	5	6, 7, 23, 24, 33
5	721	7.47	6	8, 9, 10, 18, 19, 20
6	866	8.98	13	16, 17, 25, 26, 27, 28, 29, 35, 36, 37, 38, 39, 46
7	634	6.57	6	21, 22, 31, 32, 41, 42
8	61	0.63	1	30
9	478	4.95	5	34, 43, 44, 45, 55
10	211	2.19	3	40, 49, 50
11	304	3.15	4	47, 48, 56, 57
12	1410	14.62	12	51, 52, 61, 62, 63, 71, 72, 73, 81, 82, 91, 92
13	1673	17.34	16	53, 54, 64, 65, 66, 74, 75, 76, 83, 84, 85, 86, 93, 94, 95, 96
14	717	7.43	7	58, 59, 60, 69, 70, 79, 80
15	491	5.09	7	67, 68, 77, 78, 87, 88, 97
16	628	6.51	5	89, 90, 98, 99, 100

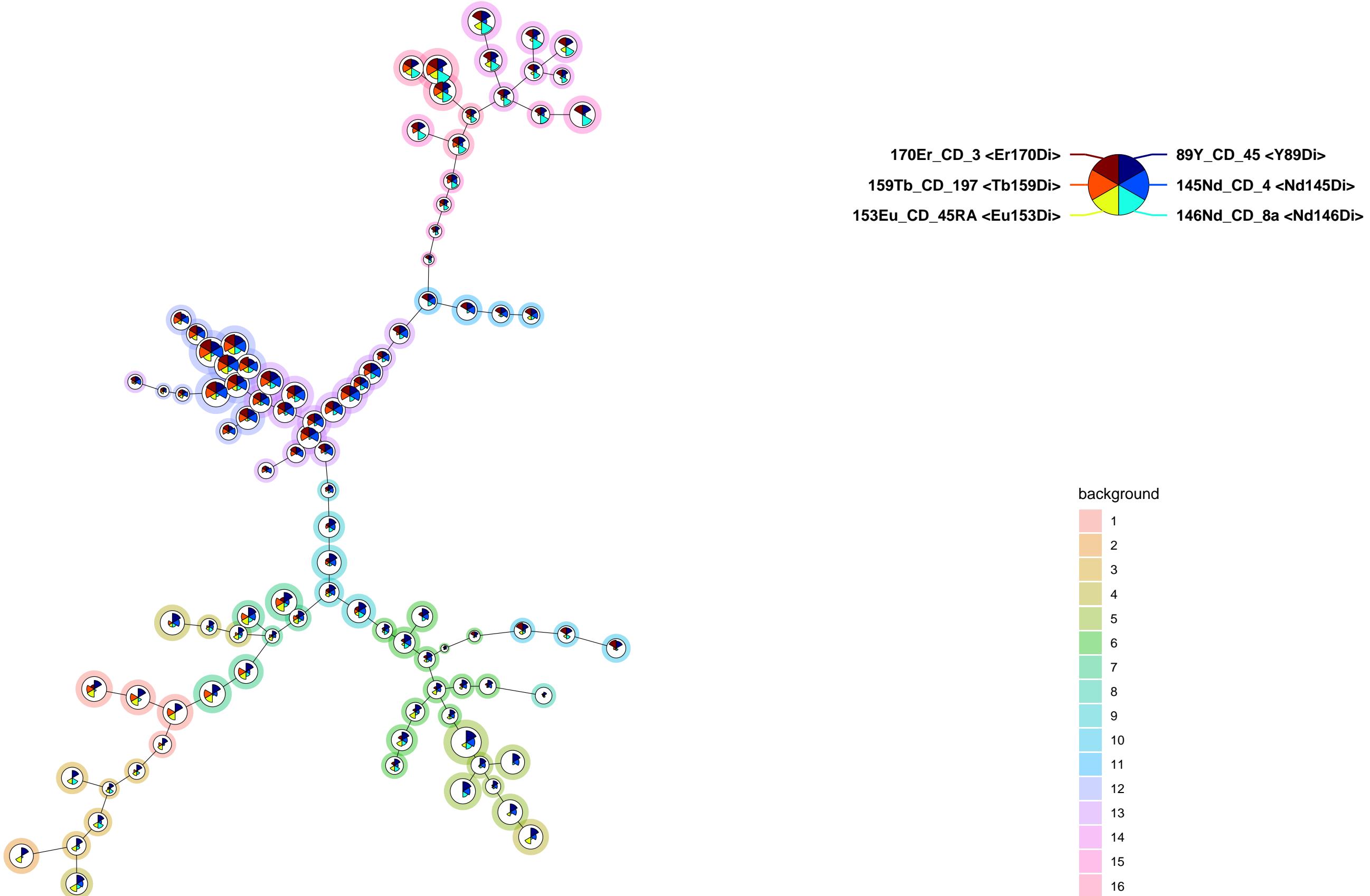
Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
1	125	1.30	1	26.8
2	136	1.41	1	29.2
3	126	1.31	2	100.0
4	102	1.06	3	27.6
5	82	0.85	3	22.2
6	104	1.08	4	21.1
7	129	1.34	4	26.2
8	201	2.08	5	27.9
9	71	0.74	5	9.8
10	140	1.45	5	19.4
11	131	1.36	1	28.1
12	74	0.77	1	15.9
13	62	0.64	3	16.8
14	43	0.45	3	11.7
15	80	0.83	3	21.7
16	78	0.81	6	9.0
17	57	0.59	6	6.6
18	134	1.39	5	18.6
19	51	0.53	5	7.1
20	124	1.29	5	17.2
21	146	1.51	7	23.0
22	122	1.26	7	19.2
23	69	0.72	4	14.0
24	60	0.62	4	12.2
25	70	0.73	6	8.1
26	99	1.03	6	11.4
27	73	0.76	6	8.4
28	63	0.65	6	7.3
29	62	0.64	6	7.2
30	61	0.63	8	100.0

Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
31	107	1.11	7	16.9
32	45	0.47	7	7.1
33	130	1.35	4	26.4
34	118	1.22	9	24.7
35	61	0.63	6	7.0
36	101	1.05	6	11.7
37	65	0.67	6	7.5
38	12	0.12	6	1.4
39	28	0.29	6	3.2
40	82	0.85	10	38.9
41	144	1.49	7	22.7
42	70	0.73	7	11.0
43	87	0.90	9	18.2
44	126	1.31	9	26.4
45	99	1.03	9	20.7
46	97	1.01	6	11.2
47	68	0.70	11	22.4
48	67	0.69	11	22.0
49	63	0.65	10	29.9
50	66	0.68	10	31.3
51	42	0.44	12	3.0
52	28	0.29	12	2.0
53	49	0.51	13	2.9
54	58	0.60	13	3.5
55	48	0.50	9	10.0
56	93	0.96	11	30.6
57	76	0.79	11	25.0
58	62	0.64	14	8.6
59	77	0.80	14	10.7
60	109	1.13	14	15.2

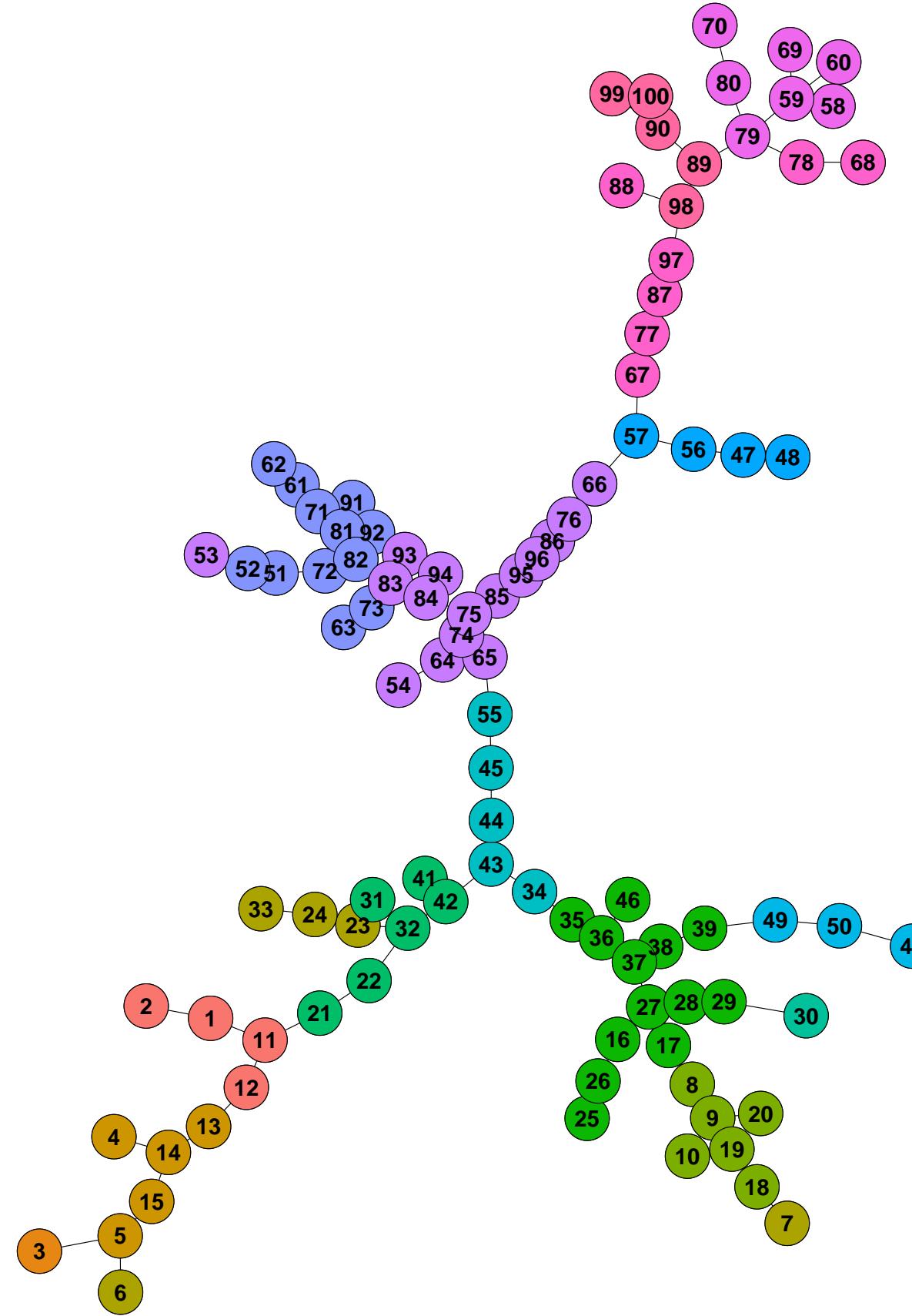
Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
61	97	1.01	12	6.9
62	91	0.94	12	6.5
63	68	0.70	12	4.8
64	76	0.79	13	4.5
65	91	0.94	13	5.4
66	93	0.96	13	5.6
67	25	0.26	15	5.1
68	144	1.49	15	29.3
69	110	1.14	14	15.3
70	161	1.67	14	22.5
71	194	2.01	12	13.8
72	175	1.81	12	12.4
73	119	1.23	12	8.4
74	125	1.30	13	7.5
75	116	1.20	13	6.9
76	73	0.76	13	4.4
77	36	0.37	15	7.3
78	75	0.78	15	15.3
79	87	0.90	14	12.1
80	111	1.15	14	15.5
81	160	1.66	12	11.3
82	135	1.40	12	9.6
83	112	1.16	13	6.7
84	116	1.20	13	6.9
85	130	1.35	13	7.8
86	124	1.29	13	7.4
87	47	0.49	15	9.6
88	106	1.10	15	21.6
89	66	0.68	16	10.5
90	153	1.59	16	24.4

Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
91	170	1.76	12	12.1
92	131	1.36	12	9.3
93	150	1.55	13	9.0
94	147	1.52	13	8.8
95	130	1.35	13	7.8
96	83	0.86	13	5.0
97	58	0.60	15	11.8
98	97	1.01	16	15.4
99	129	1.34	16	20.5
100	183	1.90	16	29.1

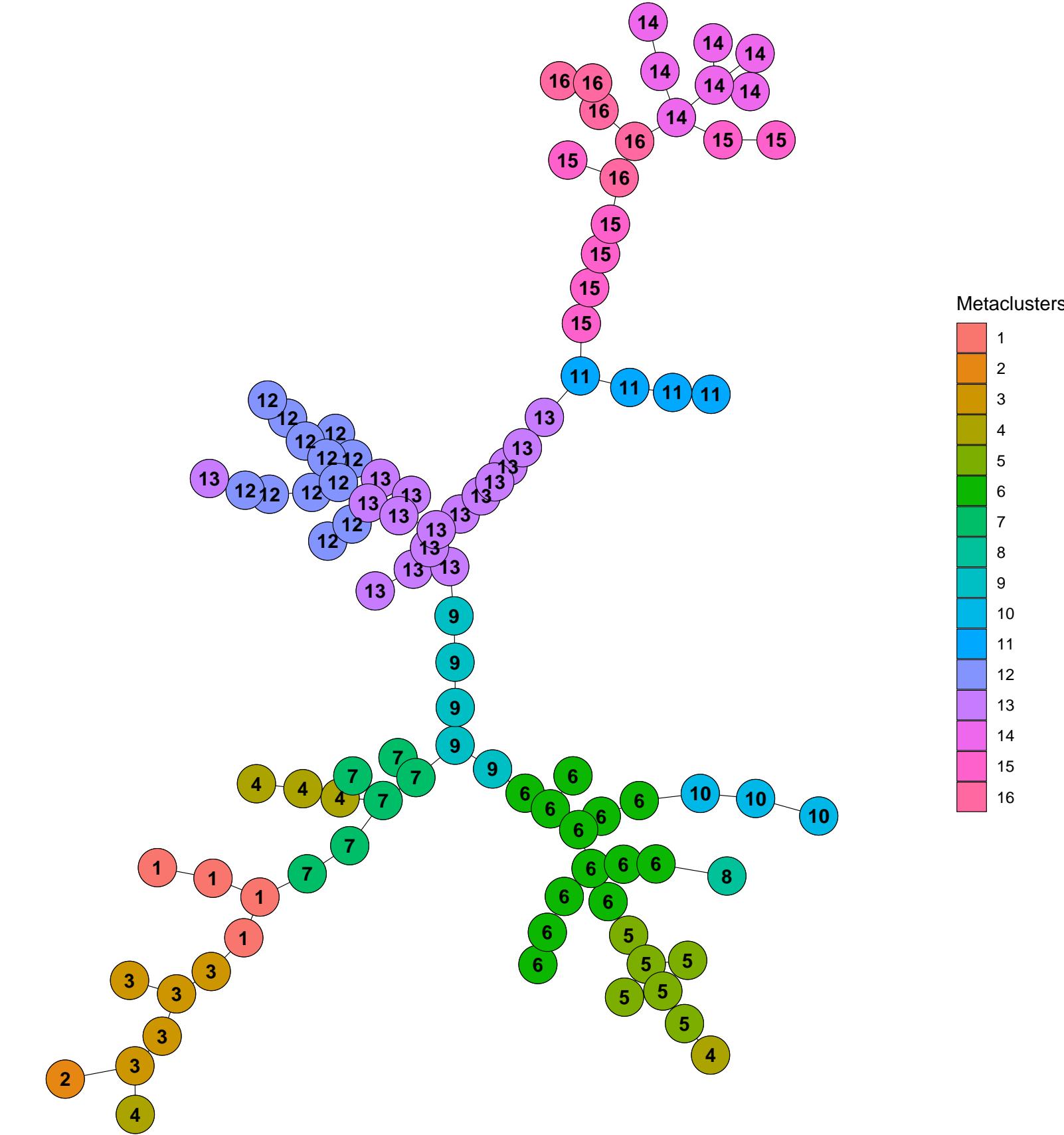
FlowSOM MST



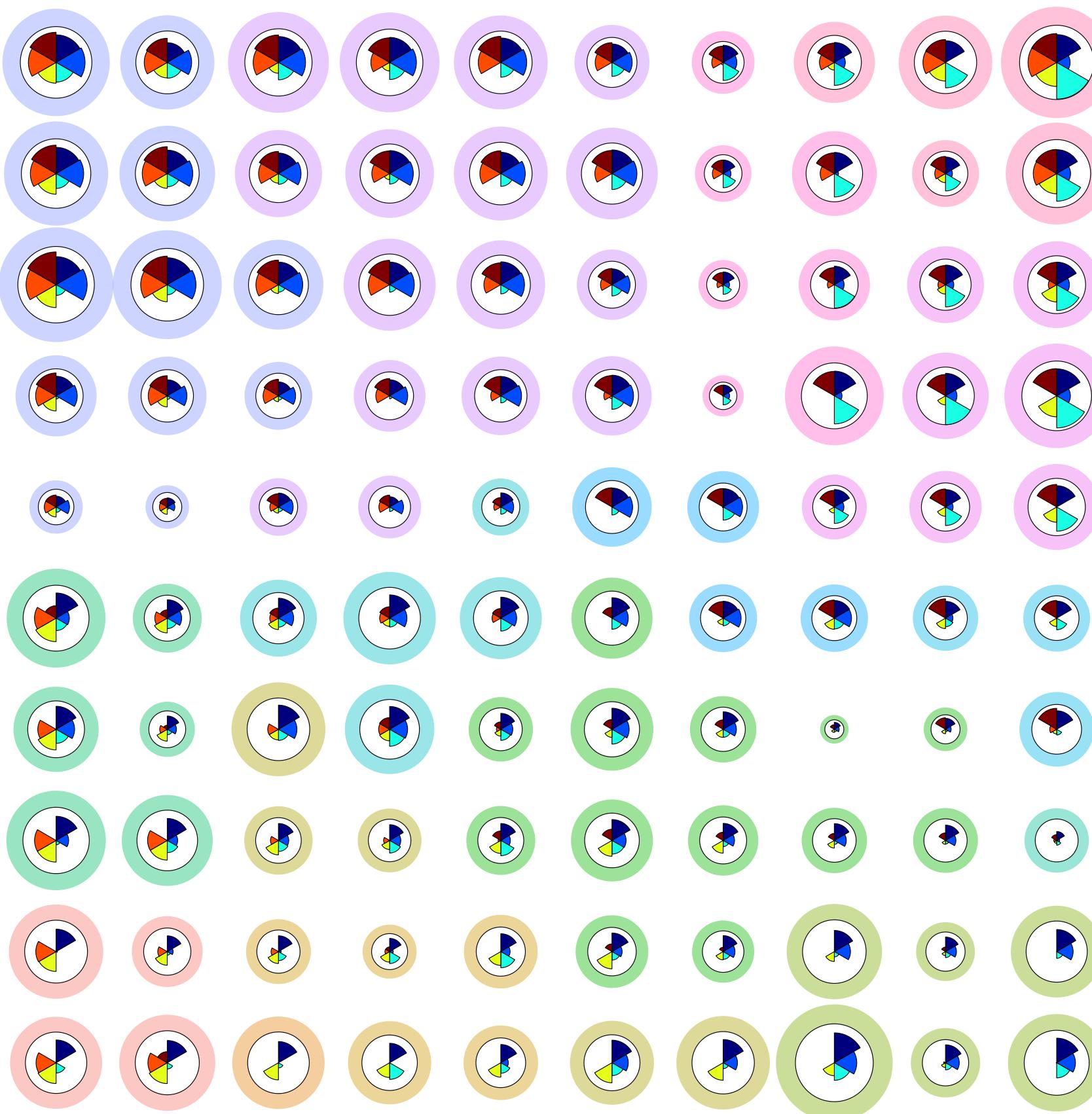
FlowSOM Clusters



FlowSOM Metaclusters



FlowSOM grid

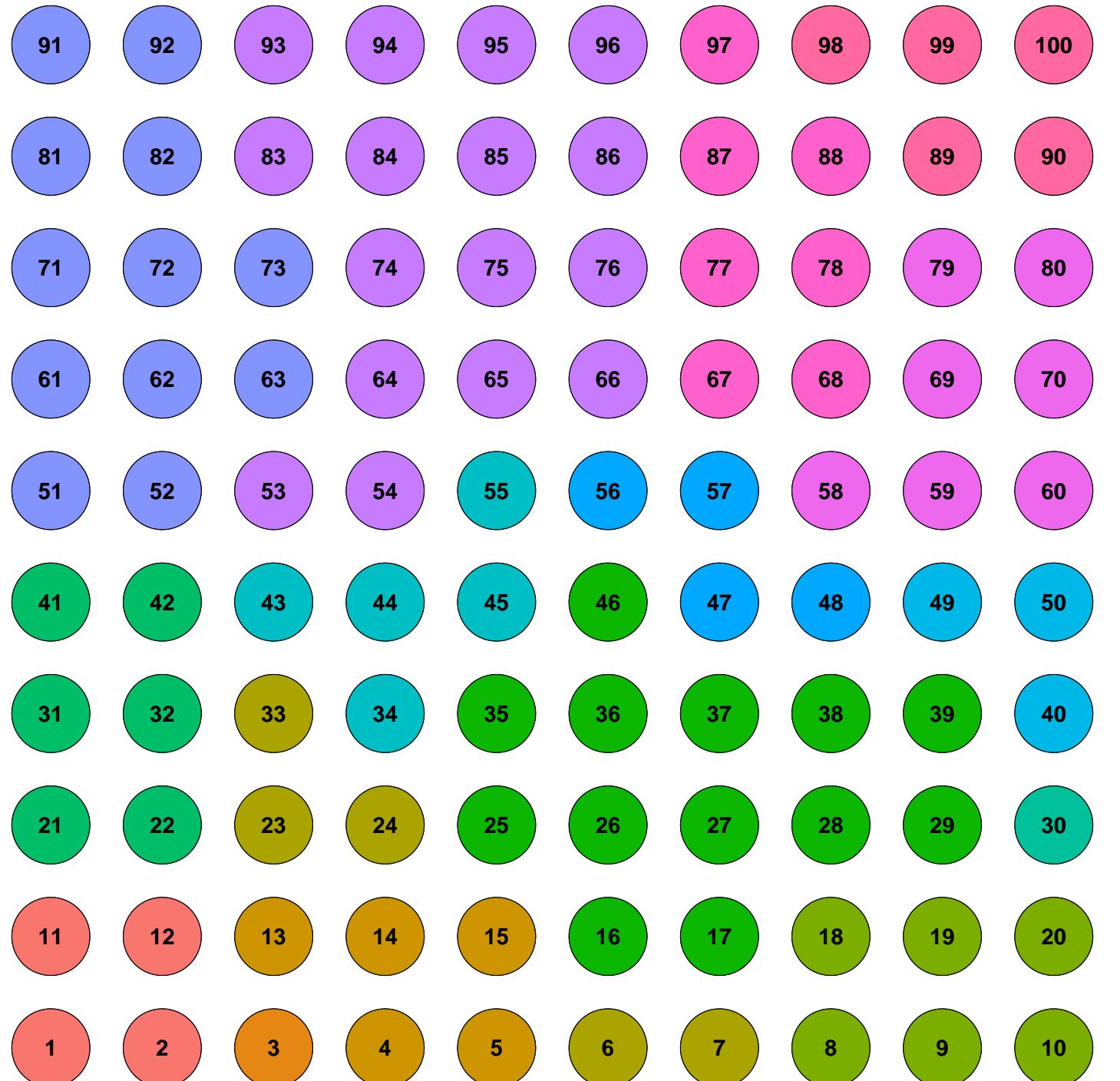


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159Tb_CD_197 <Tb159Di> — 145Nd_CD_4 <Nd145Di>
153Eu_CD_45RA <Eu153Di> — 146Nd_CD_8a <Nd146Di>

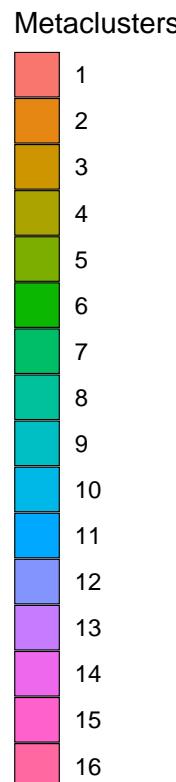
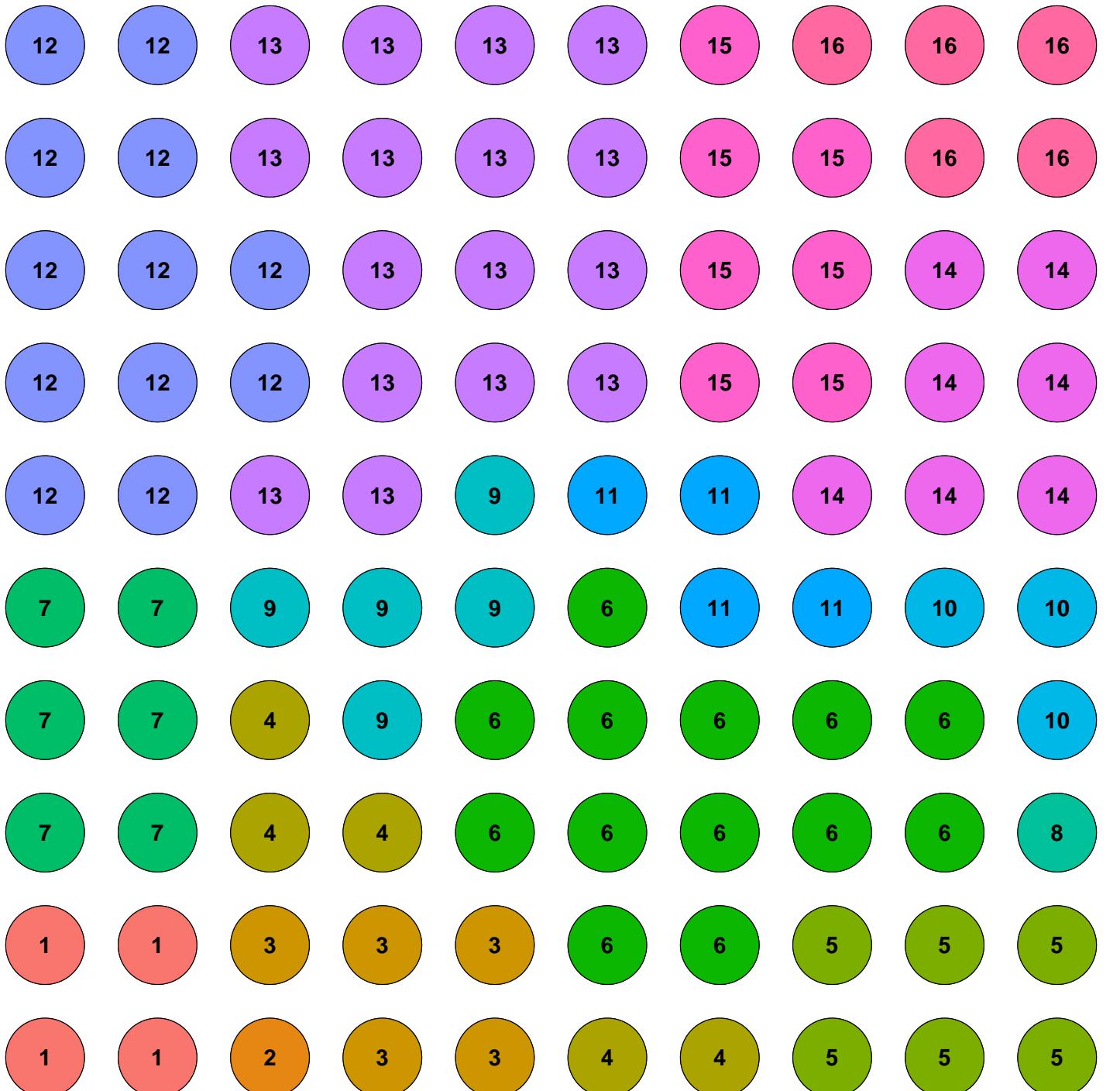
background

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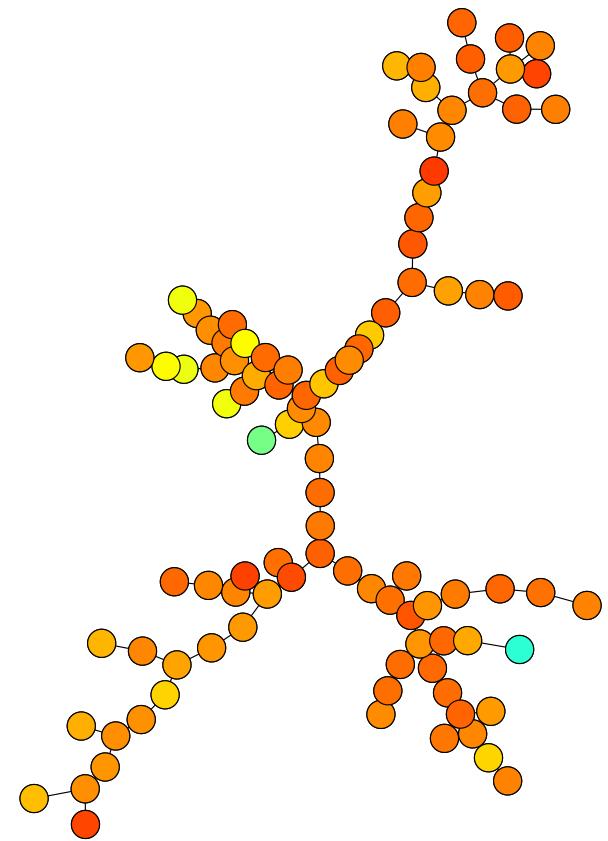
FlowSOM Clusters



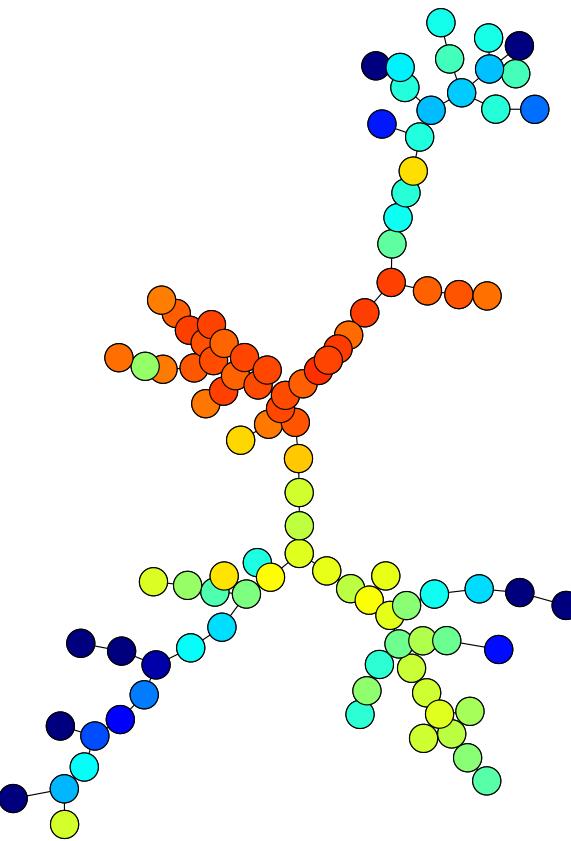
FlowSOM Metaclusters



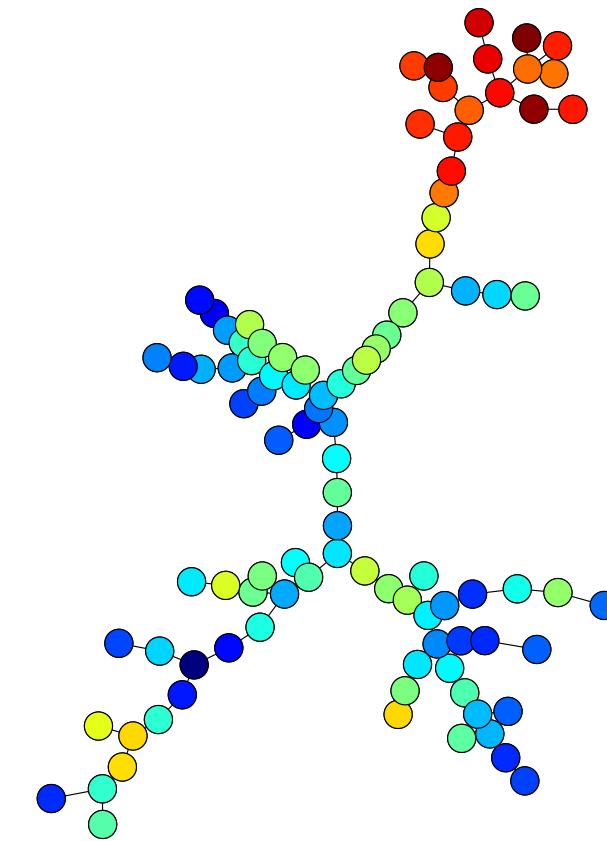
89Y_CD_45



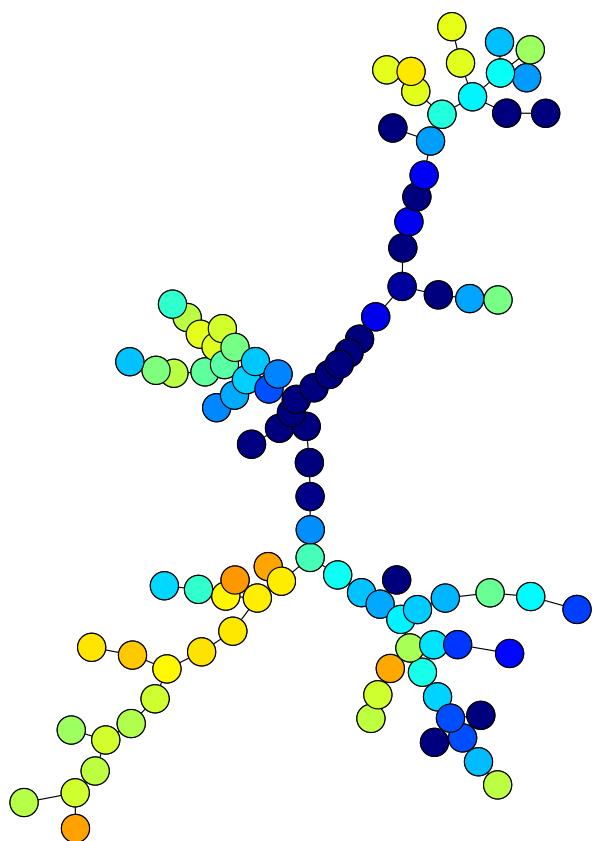
145Nd_CD_4



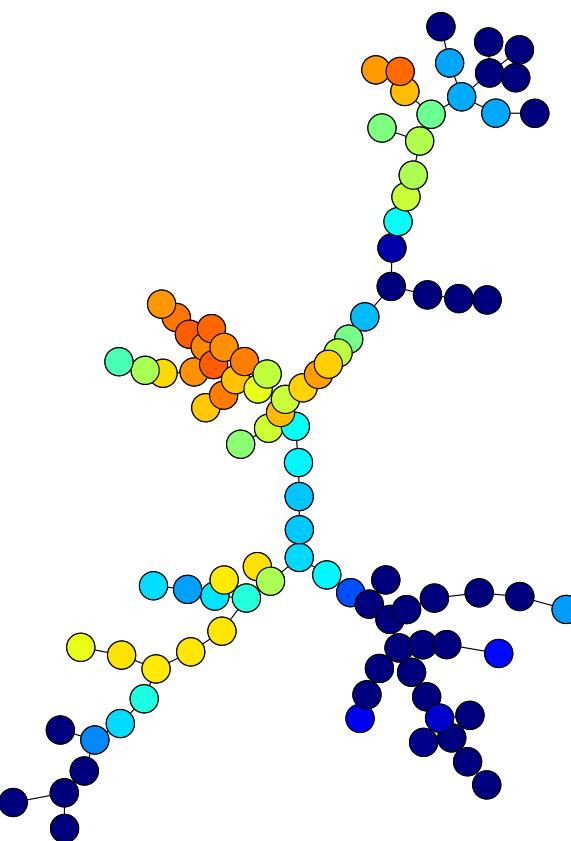
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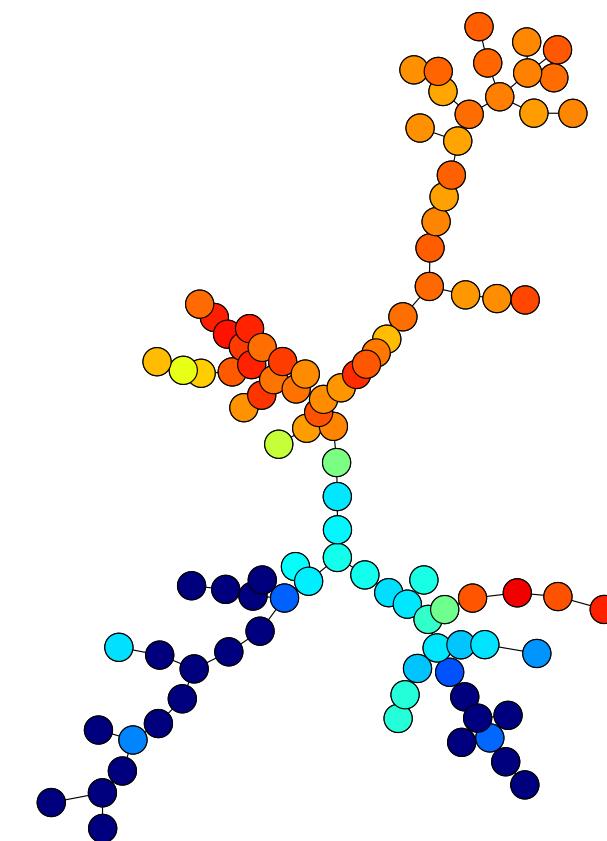
153Eu_CD_45RA



159Tb_CD_197

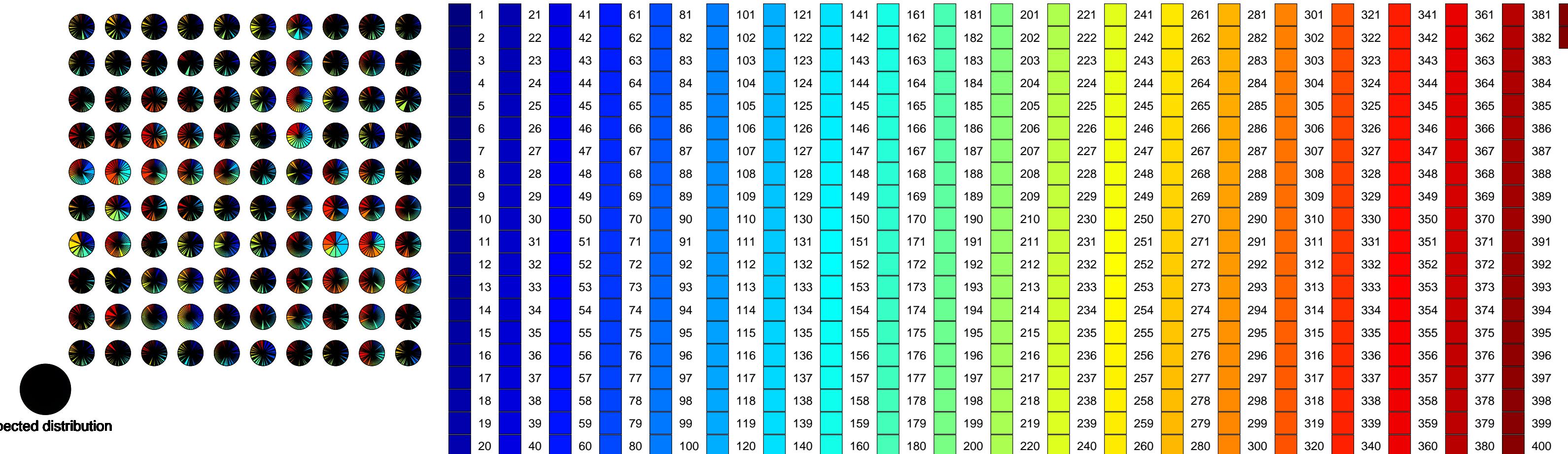


170Er_CD_3

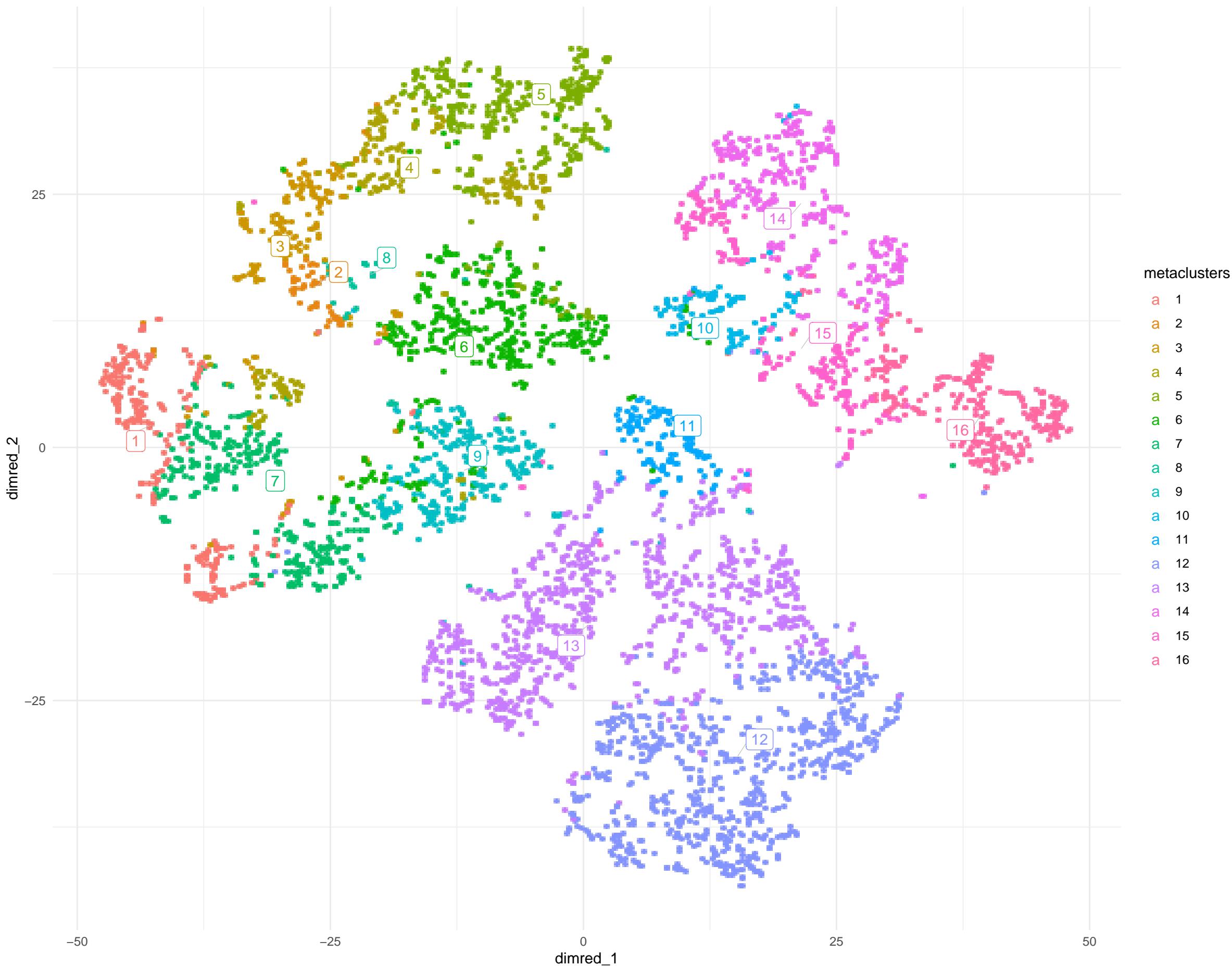


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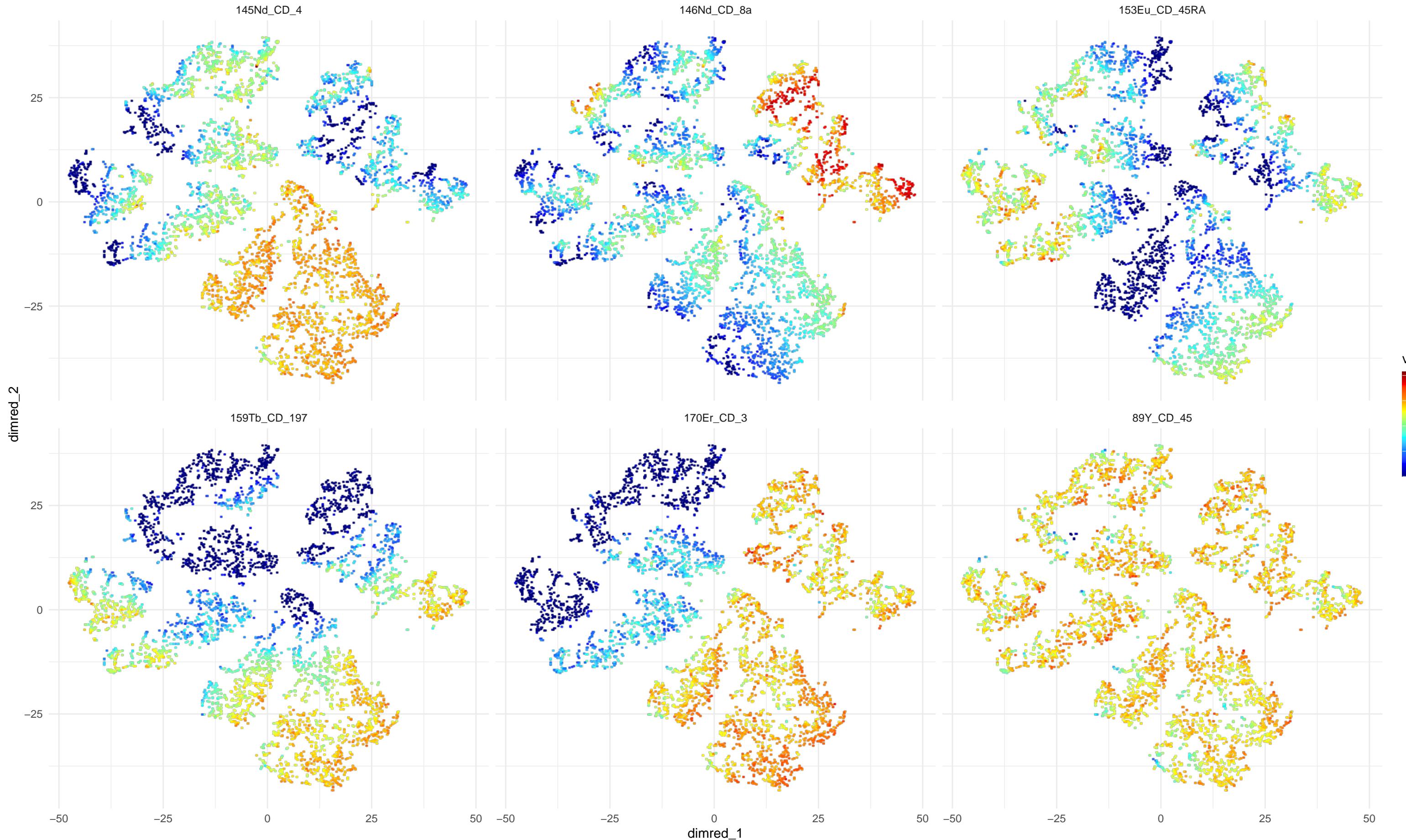
File distribution per cluster



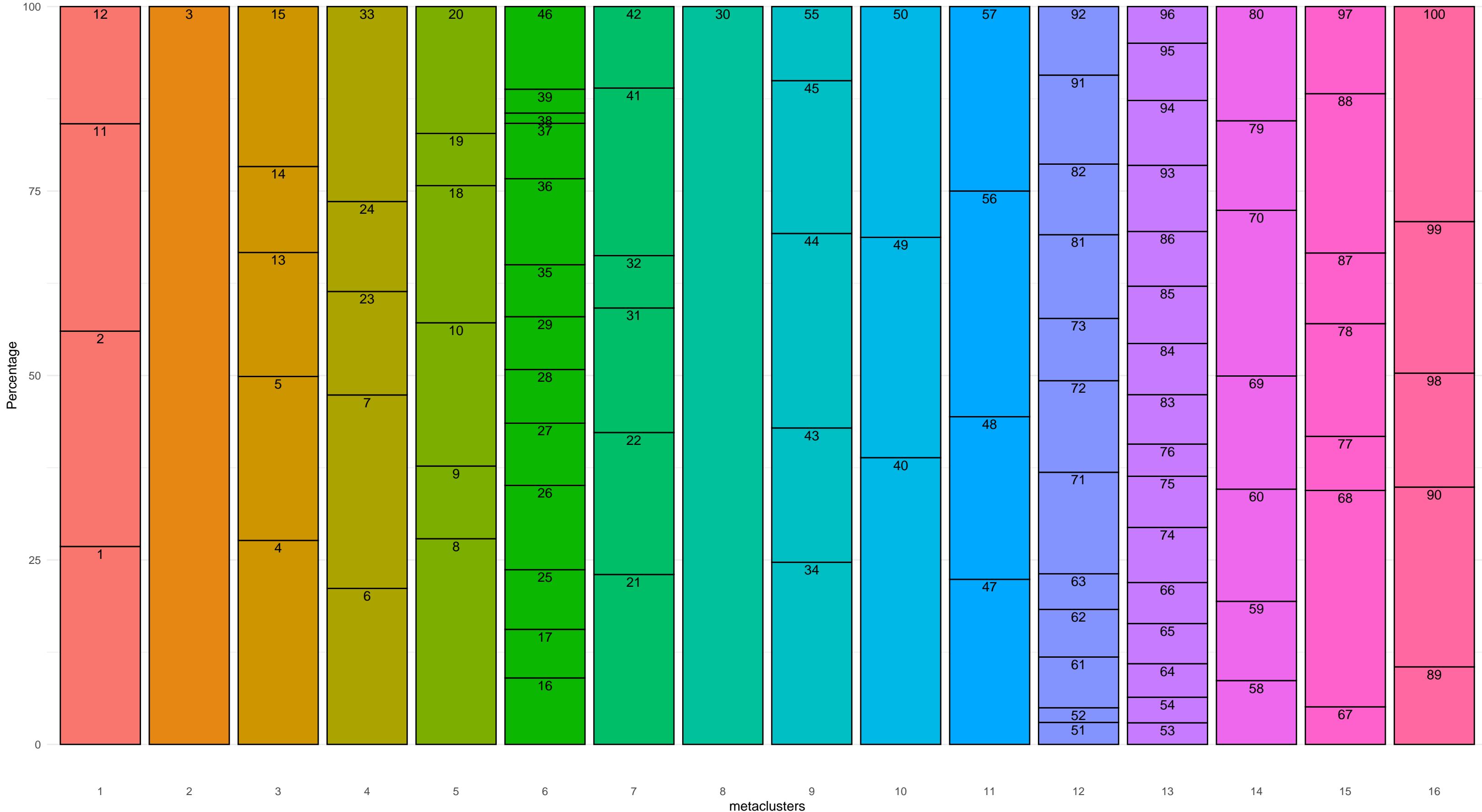
t-SNE with markers used in FlowSOM call (perplexity = 30, cells = 5000)



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



Percentages clusters per metacluster



Median expression per metacluster

