

	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>	145Nd_CD_4 <Nd145Di>, 146Nd_CD_8a <Nd146Di>, 153Eu_CD_45RA <Eu153Di>, 159Tb_CD_197 <Tb159Di>, 170Er_CD_3 <Er170Di>, 141Pr_CD_196 <Pr141Di>, 149Sm_CD_25 <Sm149Di>, 156Gd_CD_183 <Gd156Di>, 158Gd_CD_194 <Gd158Di>, 171Yb_CD_185 <Yb171Di>, 176Yb_CD_127 <Yb176Di>

Metacluster	Number of cells	Percentage of cells	Number of clusters	Clusters
1	1562	16.19	11	1, 2, 3, 4, 5, 11, 12, 13, 14, 15, 21
2	547	5.67	6	6, 7, 8, 16, 17, 18
3	613	6.35	6	9, 19, 20, 29, 30, 40
4	128	1.33	1	10
5	787	8.16	11	22, 23, 24, 25, 26, 33, 34, 35, 36, 43, 44
6	254	2.63	5	27, 28, 37, 38, 48
7	761	7.89	8	31, 32, 41, 42, 51, 52, 53, 54
8	550	5.70	5	39, 49, 50, 59, 60
9	85	0.88	1	45
10	214	2.22	4	46, 47, 55, 56
11	2467	25.57	26	57, 58, 64, 65, 66, 67, 68, 69, 74, 75, 76, 77, 78, 79, 84, 85, 86, 87, 88, 89, 94, 95, 96, 97, 98, 99
12	61	0.63	3	61, 62, 63
13	415	4.30	4	70, 80, 90, 100
14	992	10.28	6	71, 72, 81, 82, 91, 92
15	128	1.33	2	73, 83
16	83	0.86	1	93

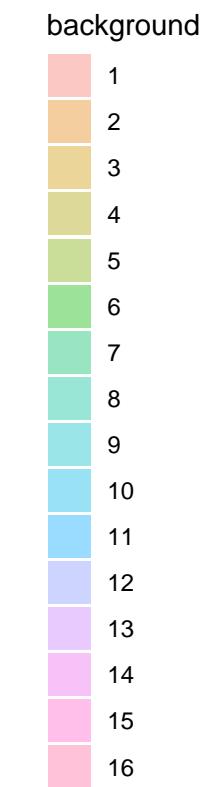
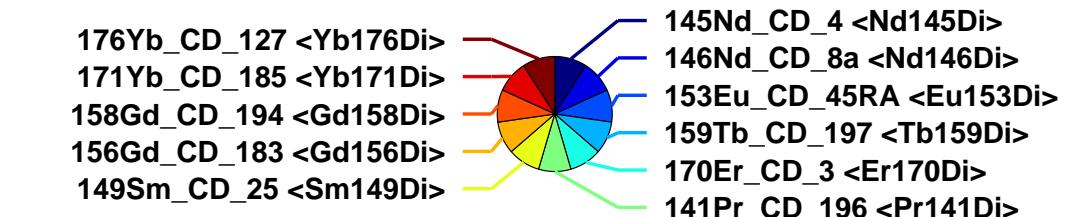
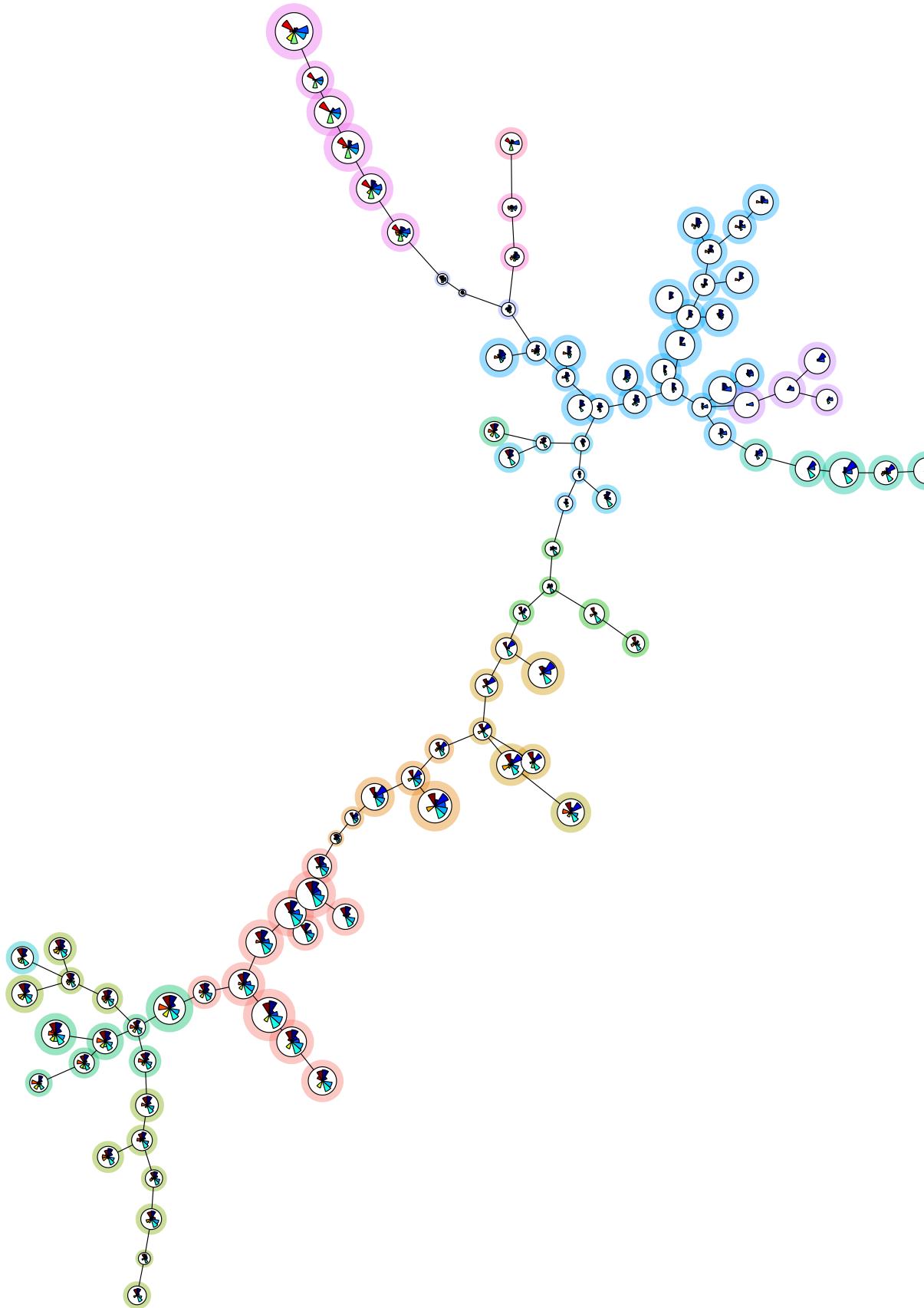
Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
1	154	1.596	1	9.86
2	212	2.198	1	13.57
3	103	1.068	1	6.59
4	169	1.752	1	10.82
5	176	1.824	1	11.27
6	42	0.435	2	7.68
7	124	1.285	2	22.67
8	198	2.052	2	36.20
9	139	1.441	3	22.68
10	128	1.327	4	100.00
11	139	1.441	1	8.90
12	149	1.545	1	9.54
13	161	1.669	1	10.31
14	112	1.161	1	7.17
15	100	1.037	1	6.40
16	21	0.218	2	3.84
17	94	0.974	2	17.18
18	68	0.705	2	12.43
19	59	0.612	3	9.62
20	99	1.026	3	16.15
21	87	0.902	1	5.57
22	90	0.933	5	11.44
23	75	0.777	5	9.53
24	52	0.539	5	6.61
25	75	0.777	5	9.53
26	25	0.259	5	3.18
27	58	0.601	6	22.83
28	50	0.518	6	19.69
29	80	0.829	3	13.05
30	88	0.912	3	14.36

Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
31	175	1.814	7	23.00
32	81	0.840	7	10.64
33	79	0.819	5	10.04
34	85	0.881	5	10.80
35	113	1.171	5	14.36
36	61	0.632	5	7.75
37	74	0.767	6	29.13
38	34	0.352	6	13.39
39	118	1.223	8	21.45
40	148	1.534	3	24.14
41	108	1.120	7	14.19
42	56	0.580	7	7.36
43	75	0.777	5	9.53
44	57	0.591	5	7.24
45	85	0.881	9	100.00
46	72	0.746	10	33.64
47	67	0.695	10	31.31
48	38	0.394	6	14.96
49	98	1.016	8	17.82
50	144	1.493	8	26.18
51	138	1.430	7	18.13
52	74	0.767	7	9.72
53	59	0.612	7	7.75
54	70	0.726	7	9.20
55	36	0.373	10	16.82
56	39	0.404	10	18.22
57	24	0.249	11	0.97
58	38	0.394	11	1.54
59	85	0.881	8	15.45
60	105	1.088	8	19.09

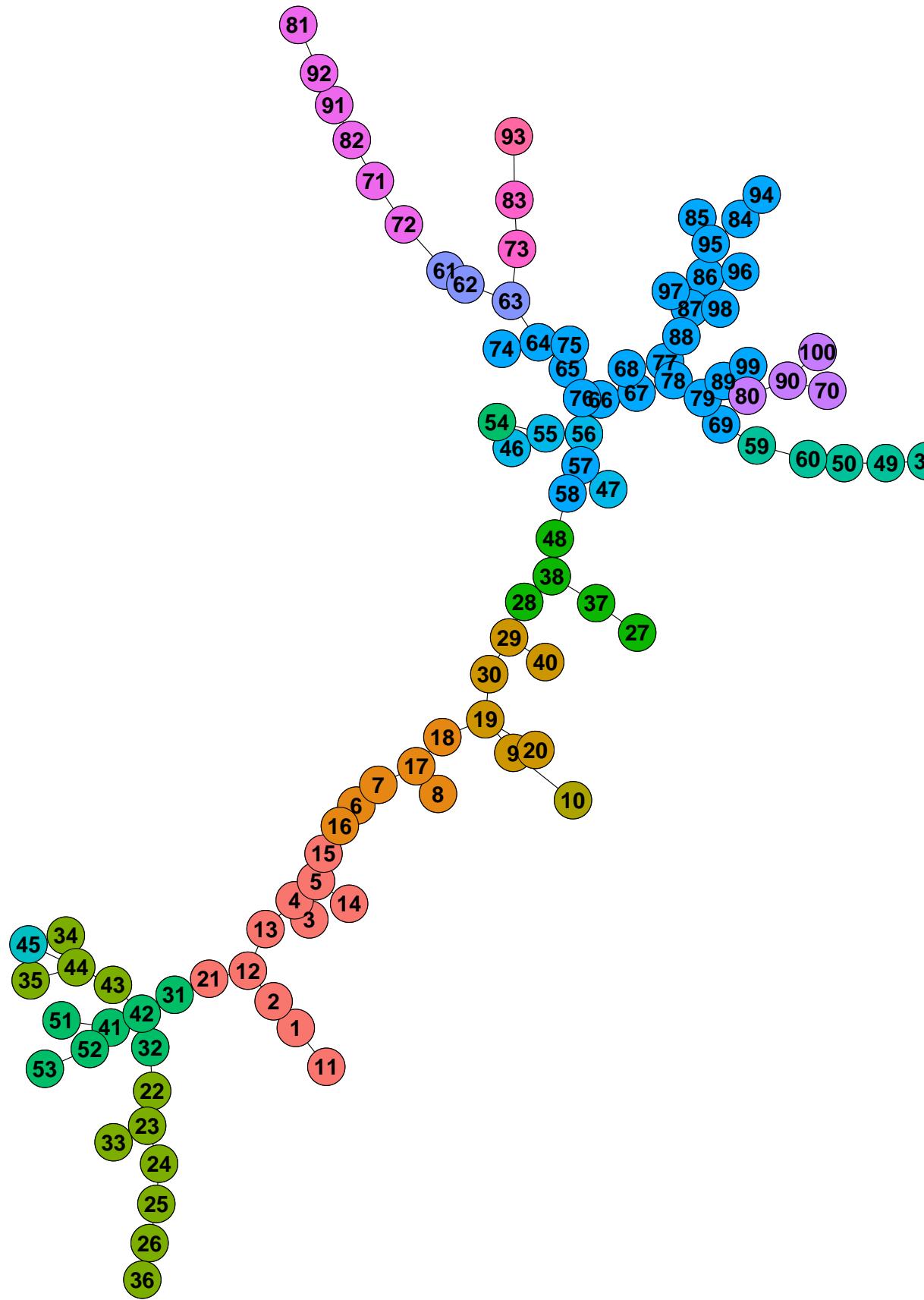
Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
61	20	0.207	12	32.79
62	8	0.083	12	13.11
63	33	0.342	12	54.10
64	66	0.684	11	2.68
65	60	0.622	11	2.43
66	72	0.746	11	2.92
67	93	0.964	11	3.77
68	110	1.140	11	4.46
69	84	0.871	11	3.40
70	80	0.829	13	19.28
71	152	1.576	14	15.32
72	117	1.213	14	11.79
73	64	0.663	15	50.00
74	122	1.265	11	4.95
75	108	1.120	11	4.38
76	108	1.120	11	4.38
77	101	1.047	11	4.09
78	86	0.891	11	3.49
79	65	0.674	11	2.63
80	111	1.151	13	26.75
81	247	2.560	14	24.90
82	185	1.918	14	18.65
83	64	0.663	15	50.00
84	92	0.954	11	3.73
85	112	1.161	11	4.54
86	80	0.829	11	3.24
87	97	1.005	11	3.93
88	149	1.545	11	6.04
89	129	1.337	11	5.23
90	110	1.140	13	26.51

Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
91	176	1.824	14	17.74
92	115	1.192	14	11.59
93	83	0.860	16	100.00
94	106	1.099	11	4.30
95	101	1.047	11	4.09
96	123	1.275	11	4.99
97	128	1.327	11	5.19
98	121	1.254	11	4.90
99	92	0.954	11	3.73
100	114	1.182	13	27.47

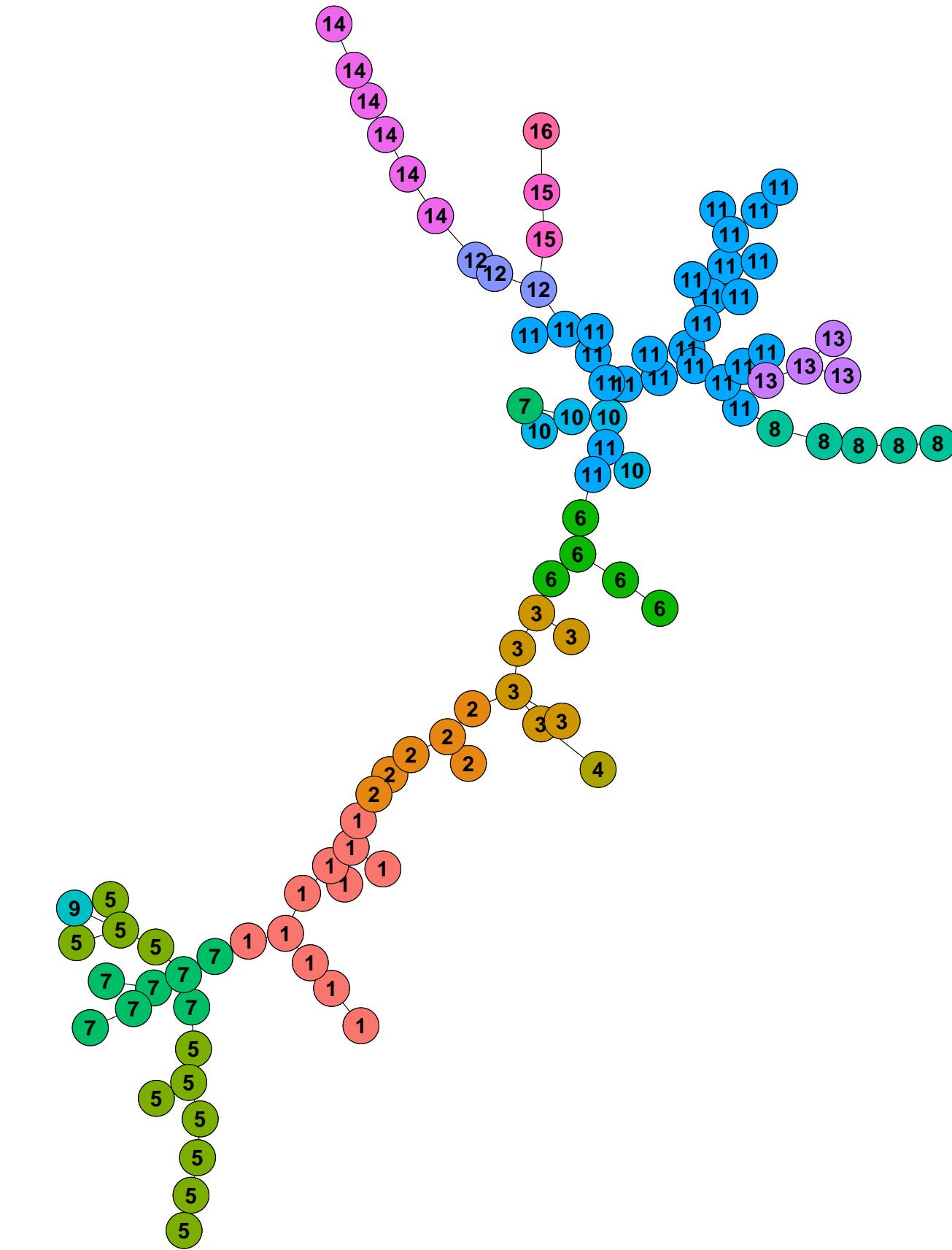
FlowSOM MST



FlowSOM Clusters



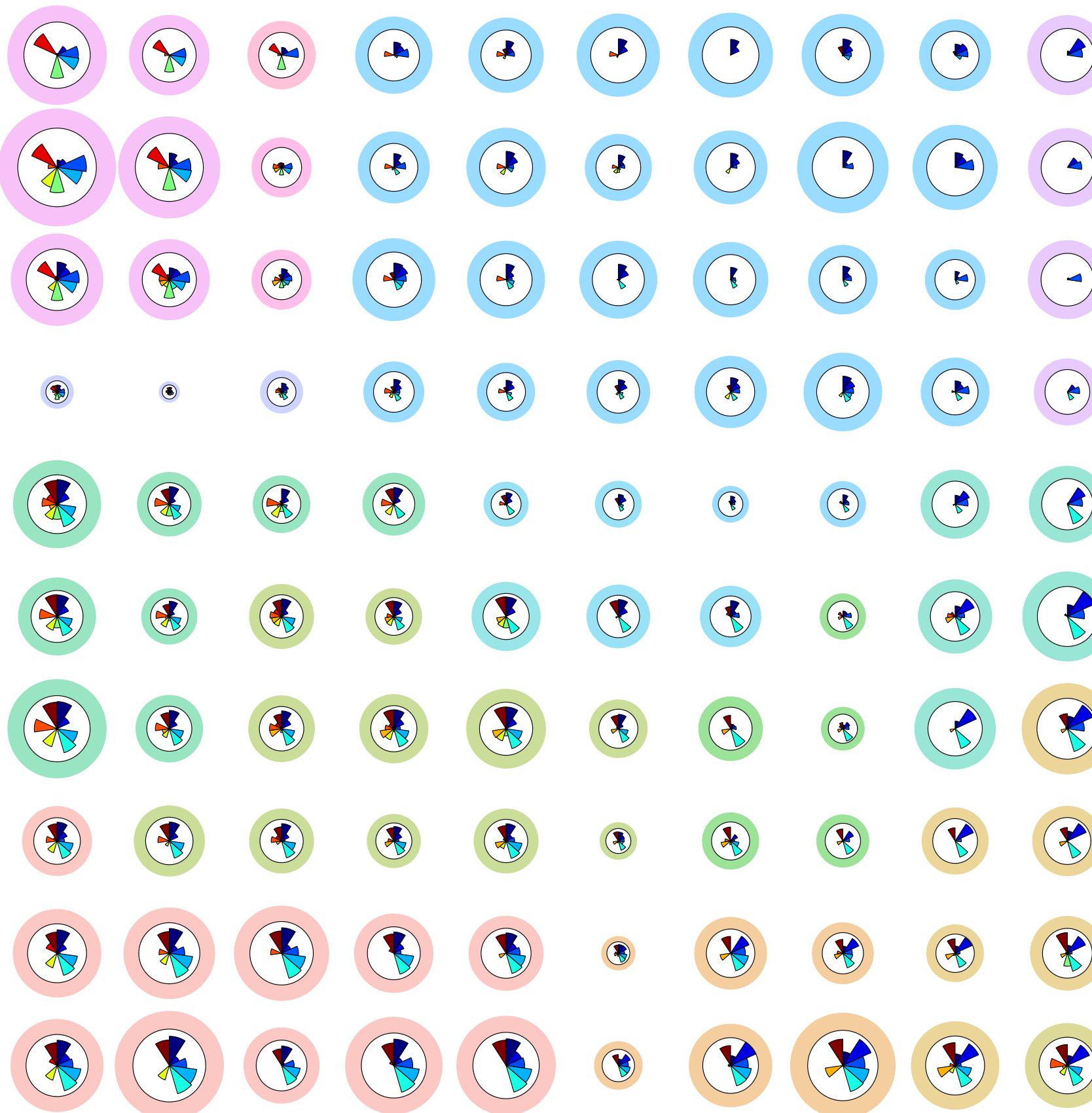
FlowSOM Metaclusters



Metaclusters

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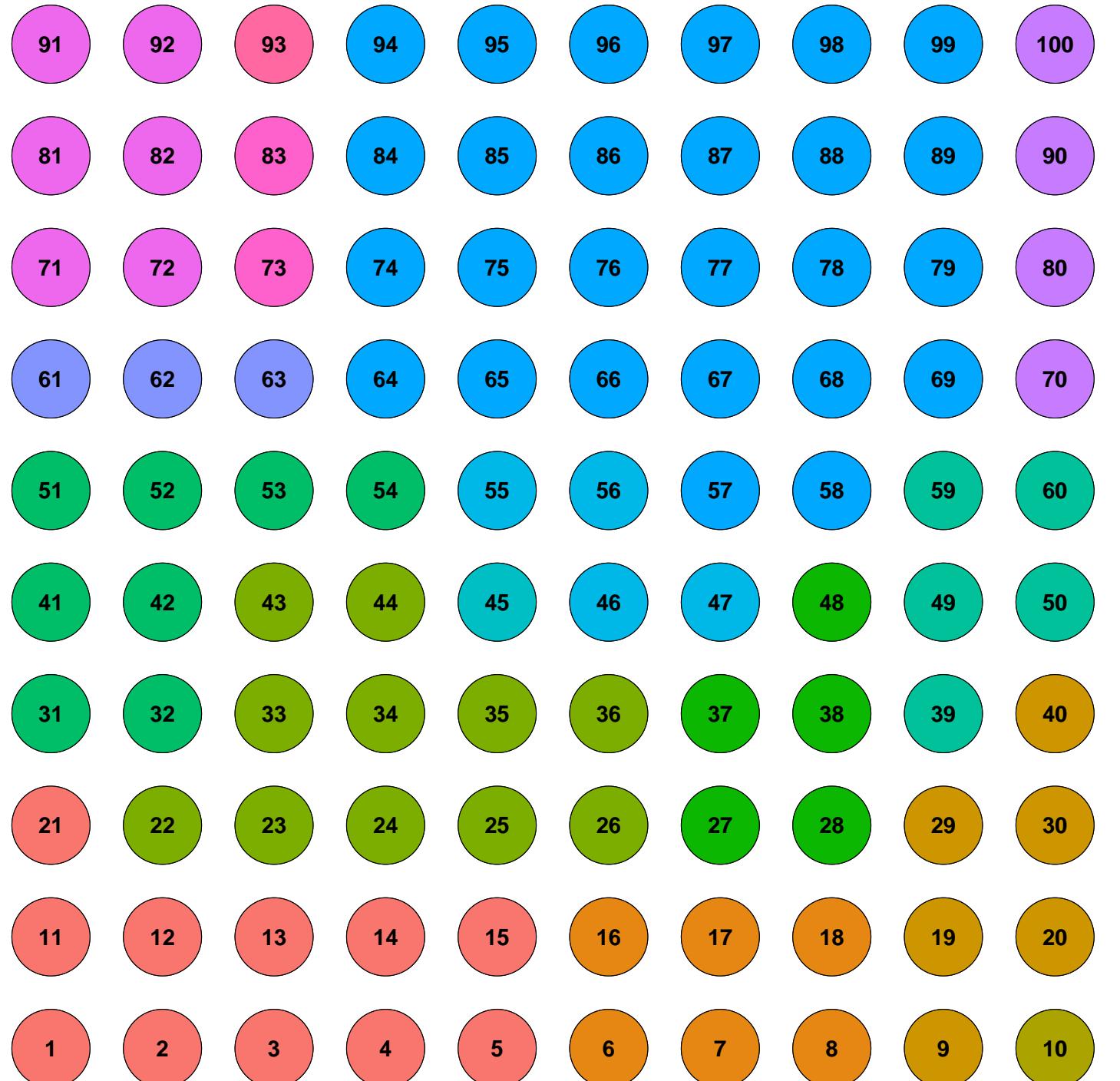
FlowSOM grid



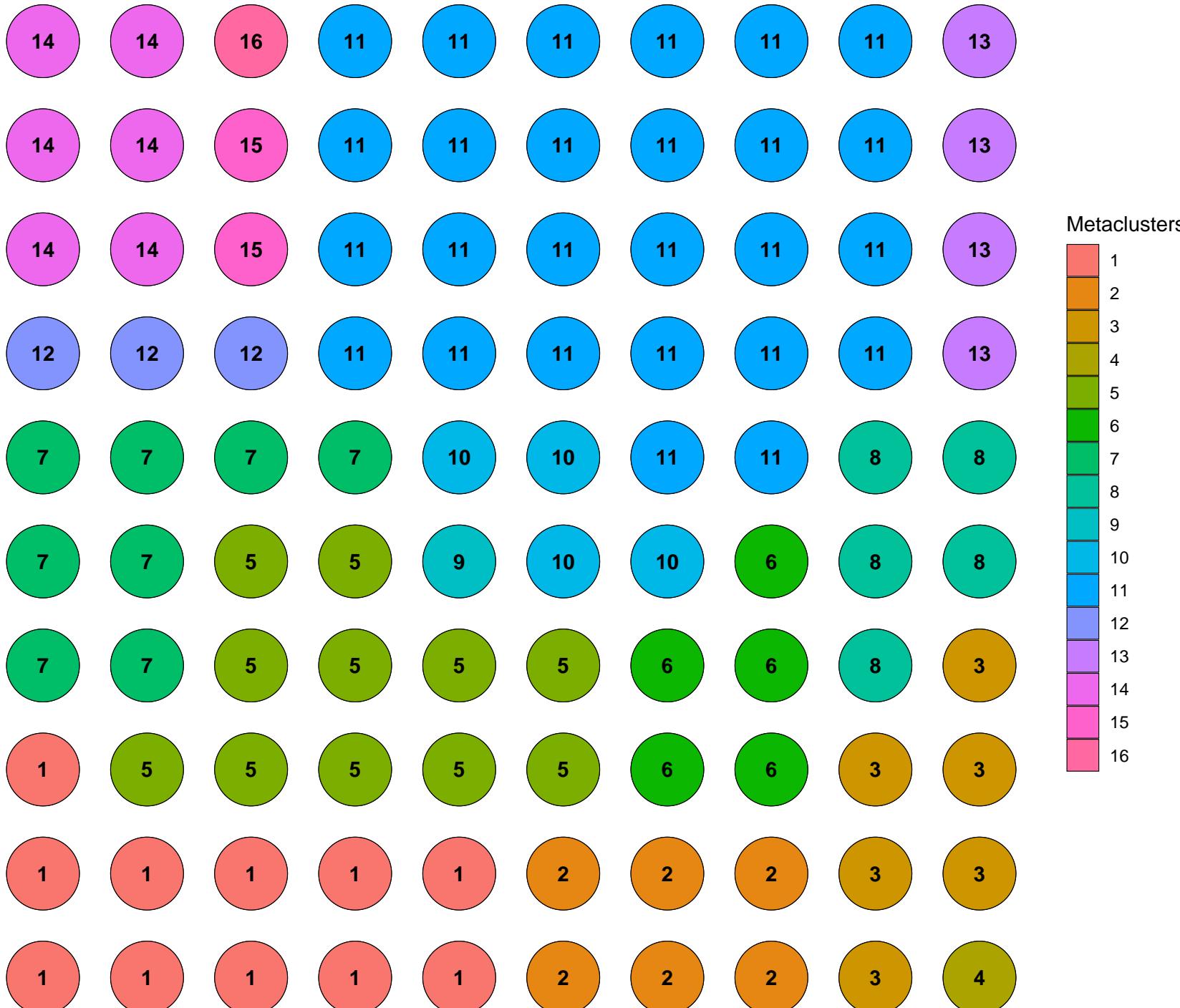
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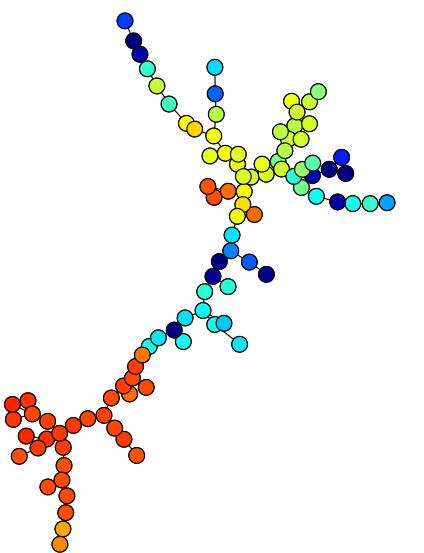
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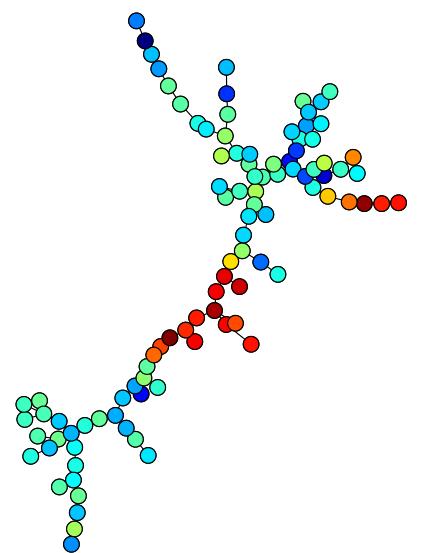
FlowSOM Metaclusters



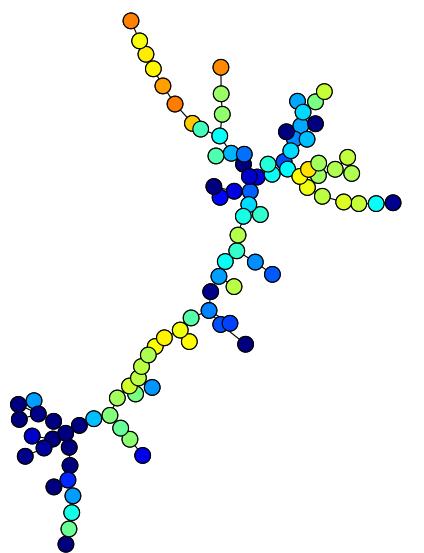
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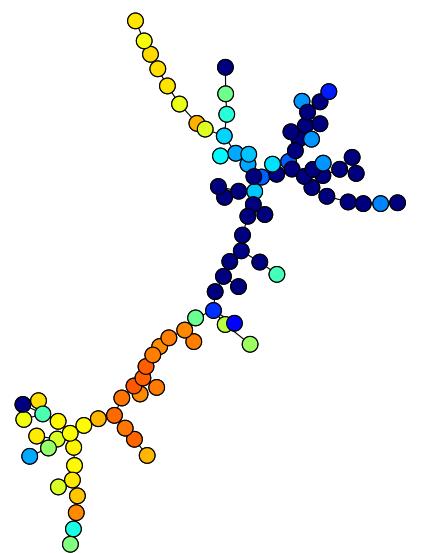
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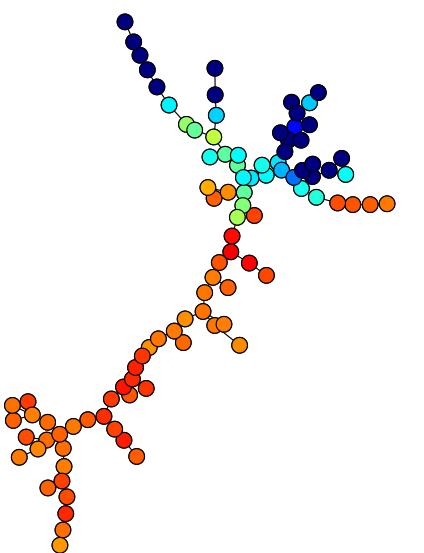
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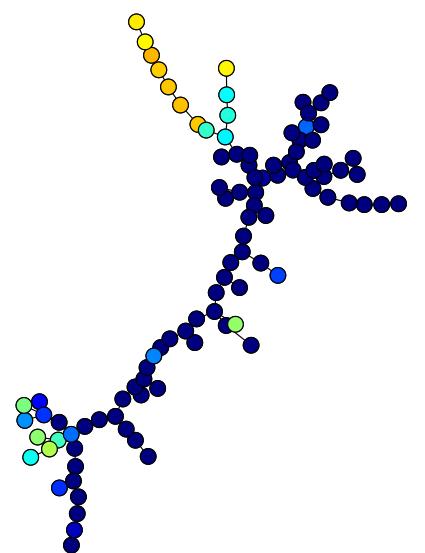
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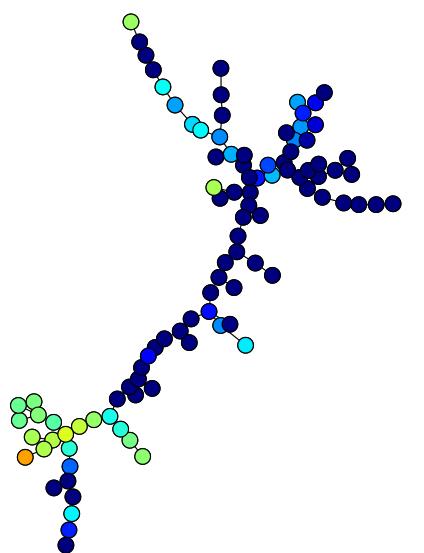
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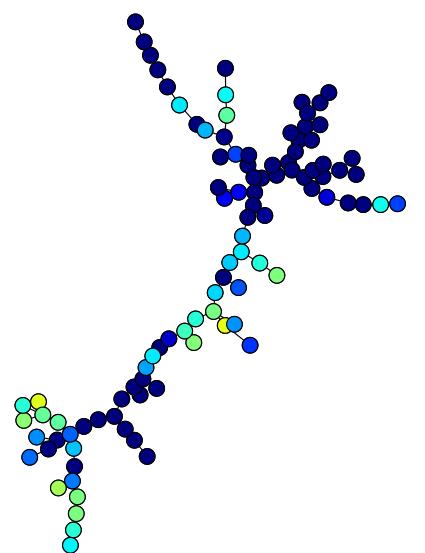
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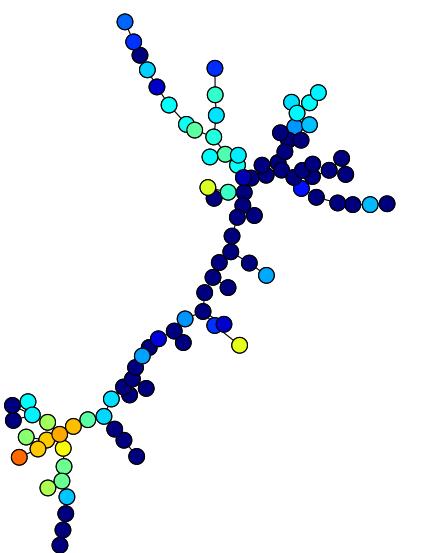
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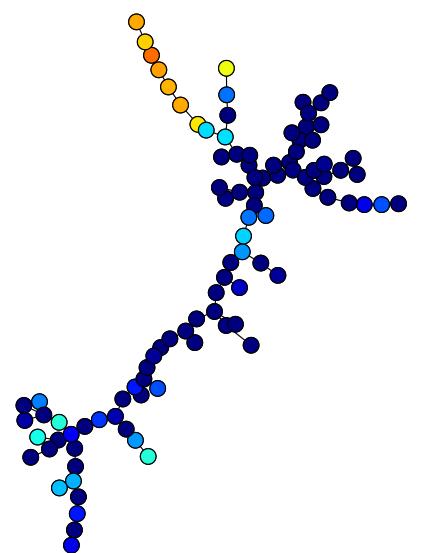
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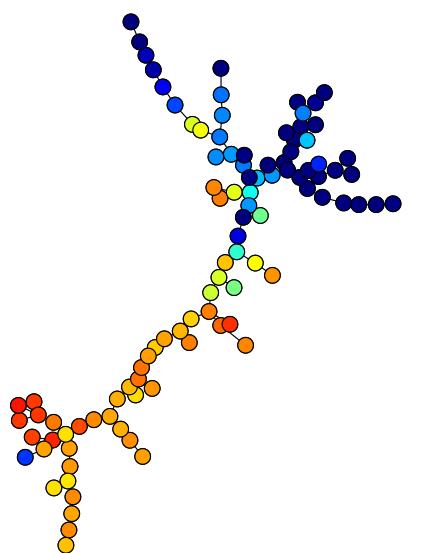
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171Yb_CD_185

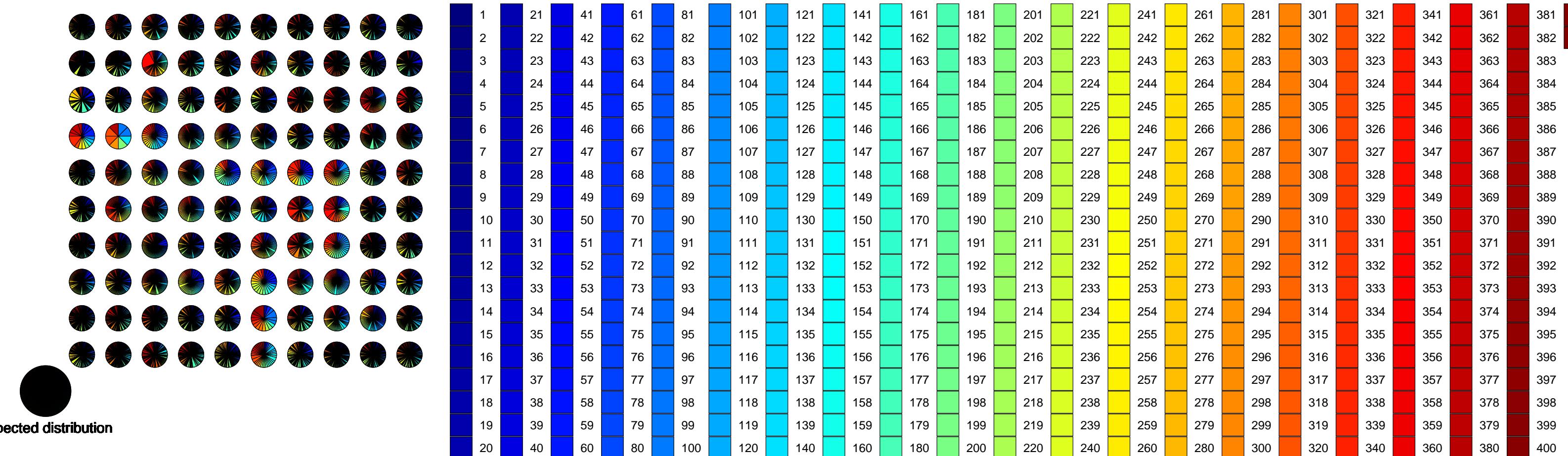


176Yb_CD_127

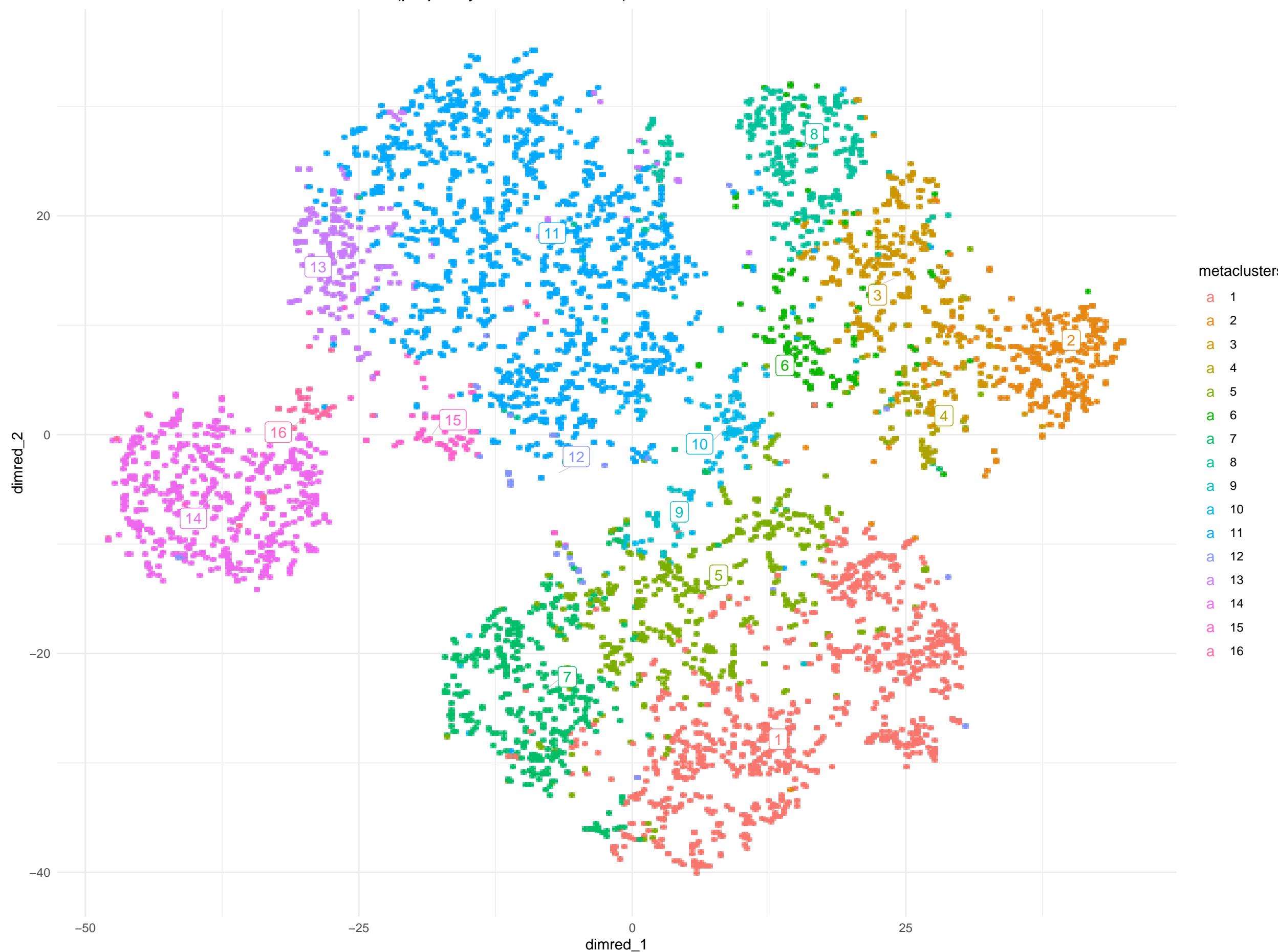


MFI
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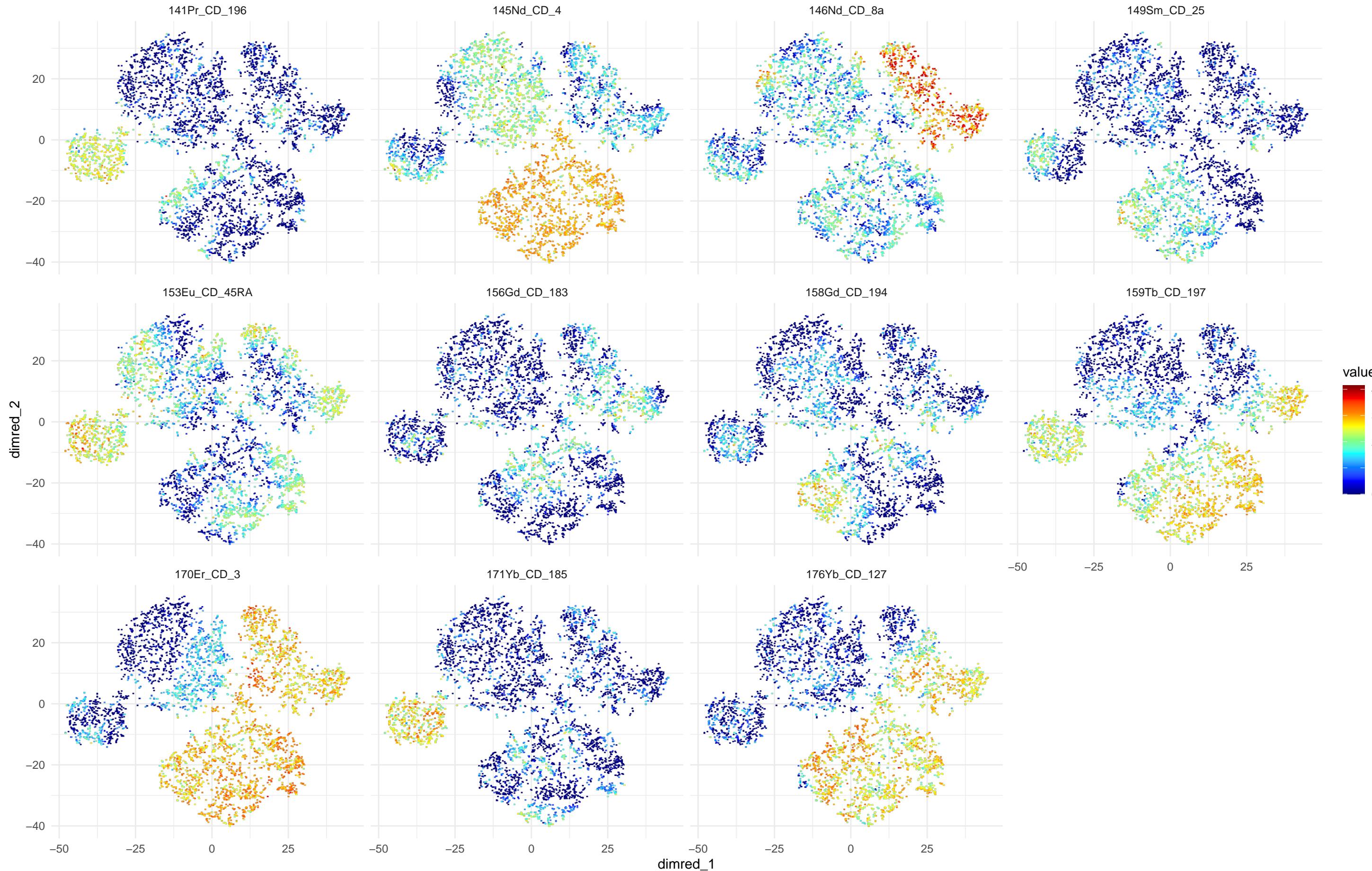
File distribution per cluster



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

