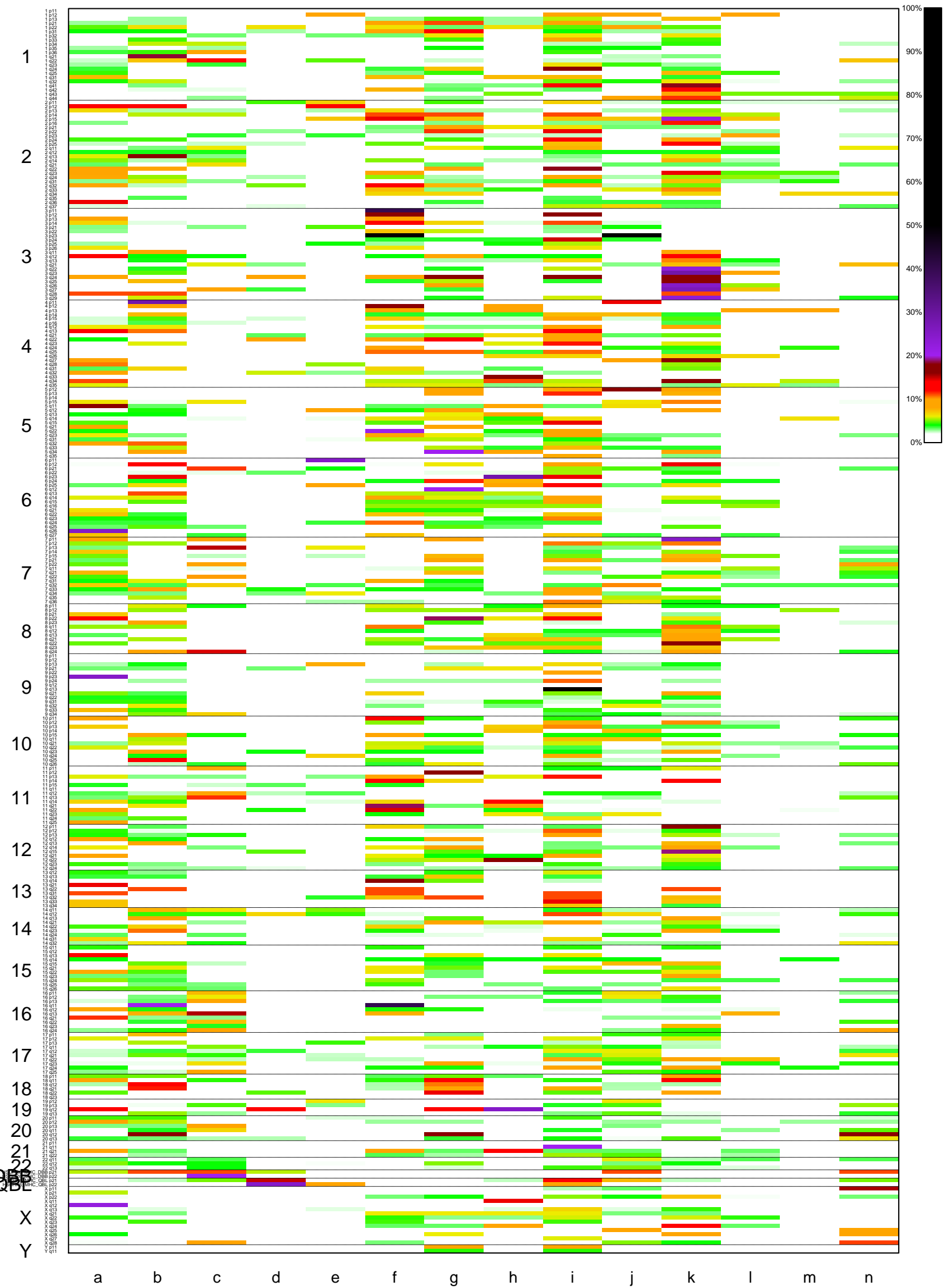


Underexpression Spot Chromosome Map



Spot a

genes in spot = 479 (473 with loci information)

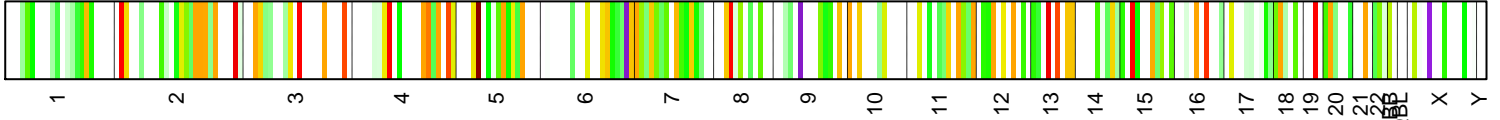
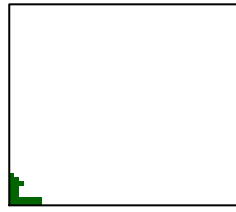
samples with spot = 50 (18.2 %)

Atypical : 6 (8.1 %)

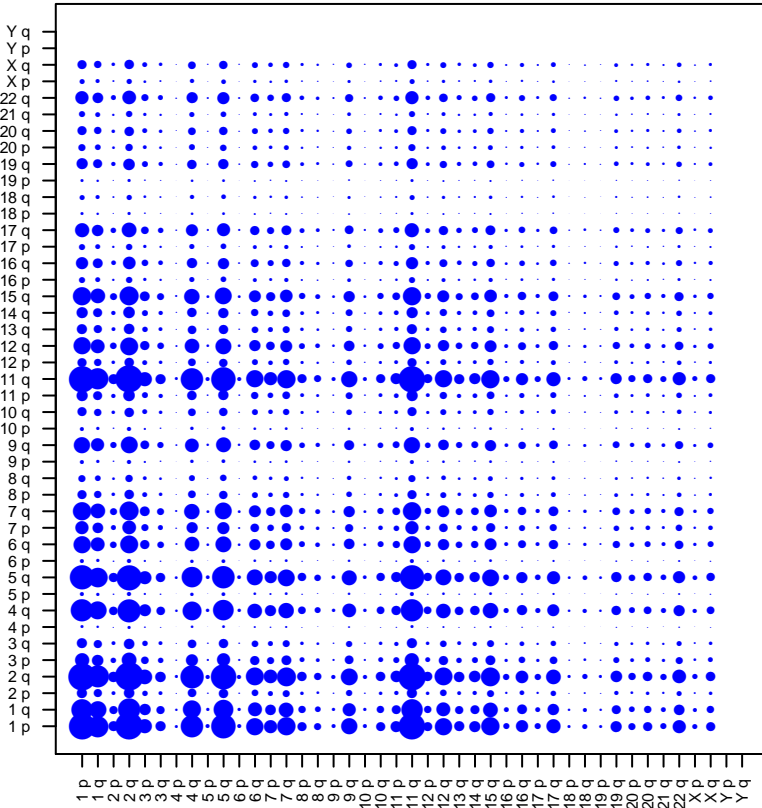
Classical : 1 (3.1 %)

Mesenchymal : 41 (48.2 %)

Basal : 2 (2.4 %)



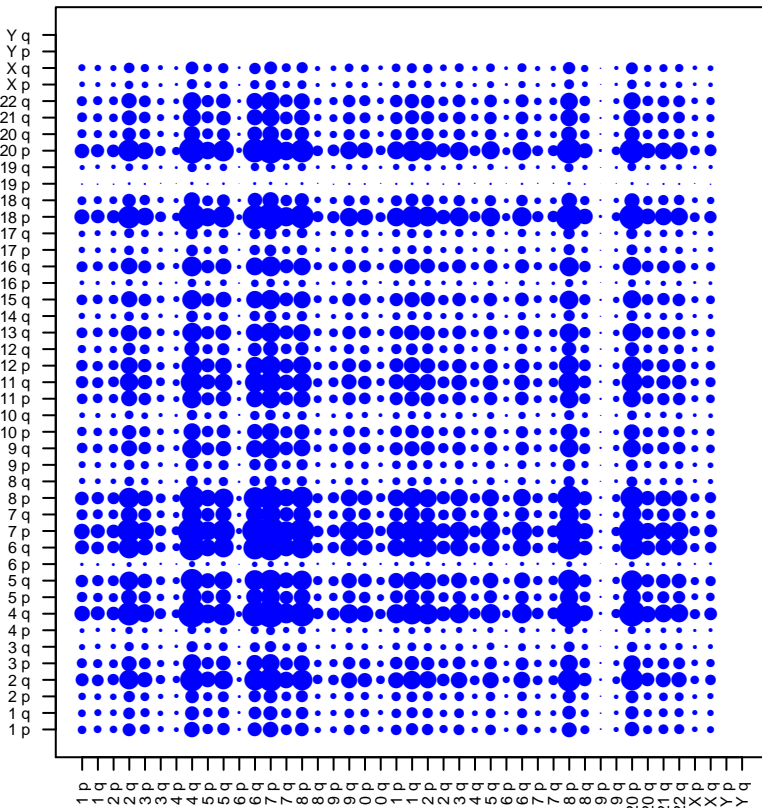
Absolute numbers



Rank	locus	# genes	%	p-value
1	2 q	27	4.3	0.04
2	1 p	26	2.8	0.6
3	11 q	26	4	0.07
4	5 q	24	4.1	0.07
5	4 q	22	5.1	0.01
6	7 q	21	3.5	0.08
7	1 q	21	3.6	0.2
8	15 q	18	3.5	0.3
9	6 q	18	4.6	0.05
10	12 q	17	2.7	0.7
11	9 q	16	3.5	0.3
12	3 p	14	3.3	0.4
13	17 q	14	2.2	0.9
14	7 p	13	5.1	0.04
15	22 q	13	3.3	0.4
16	16 q	12	3.6	0.4
17	11 p	11	3.5	0.3
18	14 q	11	2.1	0.9
19	19 q	11	1.7	1
20	2 p	10	2.5	0.8
21	3 q	10	2.5	0.9
22	13 q	10	3.6	0.3
23	8 p	9	4.5	0.1
24	10 q	9	1.9	0.9
25	12 p	9	3.7	0.3
26	20 q	9	3	0.5
27	X q	9	2.3	0.8
28	8 q	7	2.1	0.9
29	20 p	7	4.8	0.1
30	16 p	6	1.5	1
31	17 q	6	2.2	0.9
32	21 q	6	3.2	0.5
33	18 q	5	2.9	0.6
34	X p	5	1.9	0.9
35	5 p	4	3.4	0.5
36	6 p	4	1.1	1
37	9 p	4	2.3	0.8
38	10 p	4	3.1	0.5
39	4 p	3	1.6	0.9
40	18 p	3	4.9	0.3
41	19 p	3	0.6	1
42	Y q	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-QBB

Relative numbers



Rank	locus	# genes	%	p-value
1	7 p	13	5.1	0.04
2	4 q	22	5.1	0.01
3	18 p	3	4.9	0.3
4	20 p	7	4.8	0.1
5	6 q	17	4.6	0.05
6	8 p	9	4.5	0.1
7	2 q	27	4.3	0.04
8	5 q	24	4.1	0.07
9	11 q	26	4	0.07
10	12 p	9	3.7	0.3
11	7 q	18	3.6	0.2
12	16 q	12	3.6	0.3
13	13 q	10	3.6	0.3
14	15 q	18	3.5	0.3
15	11 p	11	3.5	0.3
16	9 q	16	3.5	0.3
17	5 p	4	3.4	0.5
18	22 q	13	3.3	0.4
19	3 p	14	3.3	0.4
20	21 q	6	3.2	0.5
21	10 p	4	3.1	0.5
22	20 q	9	3.3	0.5
23	18 q	5	3.3	0.6
24	1 p	26	2.8	0.6
25	12 q	17	2.7	0.7
26	1 q	21	2.5	0.8
27	2 p	10	2.5	0.8
28	X q	9	2.3	0.8
29	9 p	4	2.3	0.8
30	17 q	14	2.2	0.9
31	14 q	11	2.1	0.9
32	17 p	6	2.1	0.9
33	8 q	7	2.1	0.9
34	3 q	10	2.1	0.9
35	10 q	9	1.9	0.9
36	X p	5	1.9	0.9
37	19 q	11	1.7	1
38	4 p	3	1.6	0.9
39	16 p	6	1.5	1
40	6 p	4	1.1	1
41	19 p	3	0.6	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot b

genes in spot = 584 (568 with loci information)

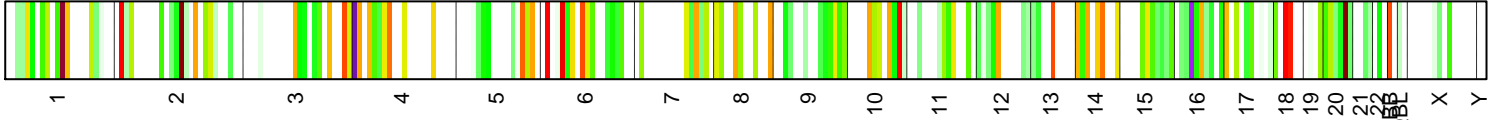
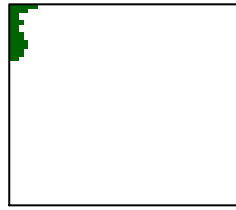
samples with spot = 76 (27.6 %)

Atypical : 1 (1.4 %)

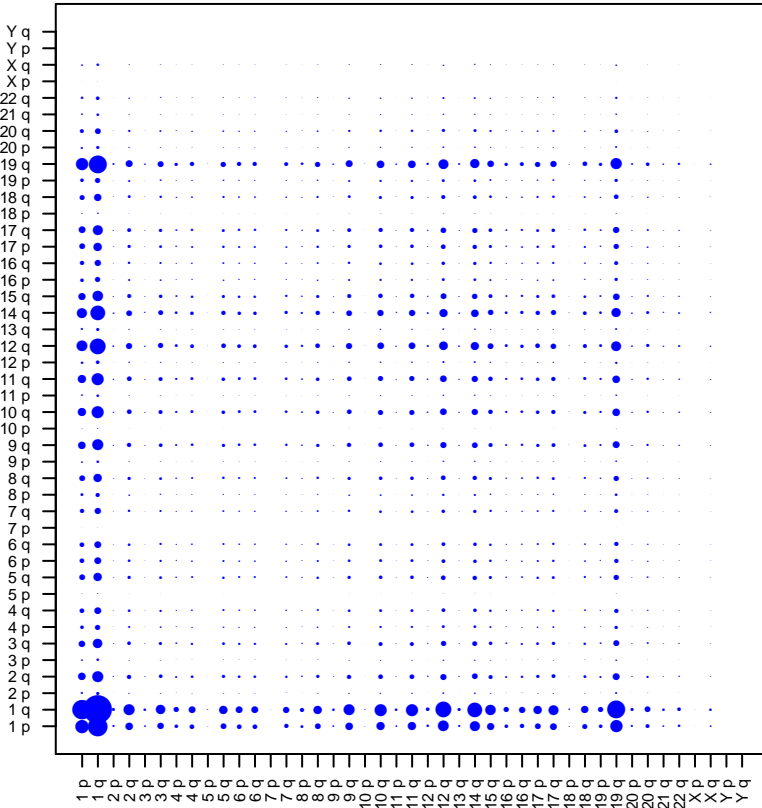
Classical : 2 (6.2 %)

Mesenchymal : 10 (11.8 %)

Basal : 63 (75 %)



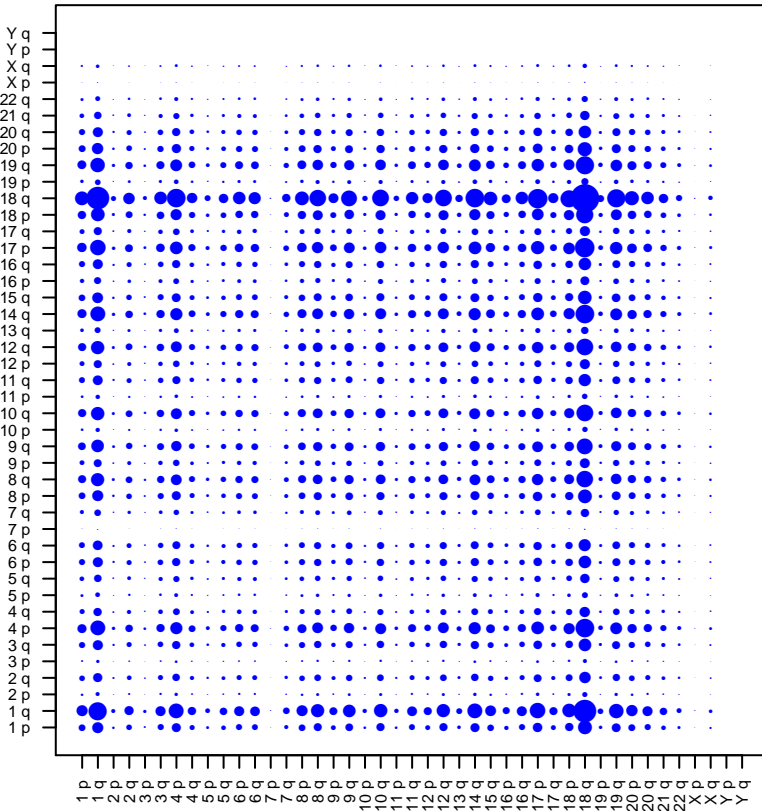
Absolute numbers



Rank	locus	# genes	%	p-value
1	1 q	54	6.5	2e-05
2	1 p	37	4	0.3
3	19 q	34	5.2	0.02
4	12 q	30	4.8	0.07
5	14 q	28	5.4	0.02
6	10 q	23	4.8	0.1
7	11 q	23	4.8	0.1
8	2 q	21	3.3	0.7
9	9 q	21	4.6	0.2
10	15 q	20	3.9	0.4
11	17 q	19	2.9	0.9
12	3 q	18	3.6	0.5
13	5 q	16	2.7	0.9
14	8 q	16	4.8	0.2
15	17 p	16	5.6	0.06
16	18 q	14	8.2	0.004
17	4 q	13	3.9	0.8
18	6 p	13	3.6	0.5
19	6 q	13	3.5	0.6
20	7 q	12	2.4	1
21	16 q	12	3.6	0.5
22	20 q	11	3.6	0.5
23	4 p	10	5.3	0.1
24	16 p	10	2.6	0.9
25	19 p	10	2	1
26	8 p	8	4	0.4
27	12 p	7	2.9	0.8
28	22 q	7	1.8	1
29	2 p	6	1.5	1
30	13 q	6	2.1	0.9
31	20 p	6	4.1	0.4
32	3 p	5	1.2	1
33	9 p	5	2.9	0.8
34	11 p	5	1.6	1
35	21 q	5	2.7	0.8
36	X q	5	1.3	1
37	18 p	3	4.9	0.4
38	5 p	2	1.7	0.9
39	10 p	2	1.6	0.9
40	7 p	1	0.4	1
41	X p	1	0.4	1
42	Y p	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-DBP

Relative numbers



Rank	locus	# genes	%	p-value
1	18 q	14	8.2	0.004
2	1 q	54	6.5	2e-05
3	17 p	16	5.6	0.06
4	14 q	28	5.4	0.02
5	4 p	10	5.3	0.1
6	19 q	34	5.2	0.02
7	18 p	3	4.9	0.4
8	10 q	23	4.8	0.1
9	12 q	30	4.8	0.07
10	8 q	16	4.8	0.2
11	9 q	21	4.6	0.2
12	20 p	6	4.1	0.4
13	1 p	37	4	0.3
14	8 p	8	4	0.4
15	15 q	20	3.9	0.4
16	3 q	18	3.6	0.5
17	20 q	11	3.6	0.5
18	6 p	13	3.6	0.5
19	16 q	12	3.6	0.5
20	11 q	23	3.5	0.6
21	6 q	13	3.5	0.6
22	2 q	21	3.3	0.7
23	4 q	13	3.3	0.8
24	17 q	19	2.9	0.9
25	12 p	7	2.9	0.8
26	9 p	5	2.9	0.8
27	5 q	16	2.7	0.9
28	21 q	5	2.7	0.8
29	16 p	10	2.6	0.9
30	7 q	12	2.4	1
31	13 q	6	2.1	0.9
32	19 p	10	2	1
33	22 q	7	1.8	1
34	5 p	2	1.7	0.9
35	11 p	5	1.6	1
36	10 p	5	1.6	0.9
37	2 p	6	1.5	1
38	X q	5	1.3	1
39	3 p	5	1.2	1
40	7 p	1	0.4	1
41	X p	1	0.4	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot c

genes in spot = 486 (459 with loci information)

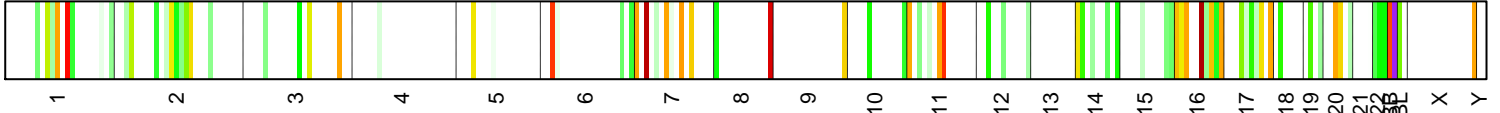
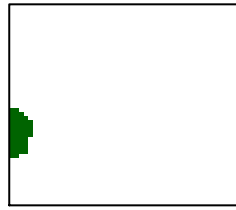
samples with spot = 14 (5.1 %)

Atypical : 3 (4.1 %)

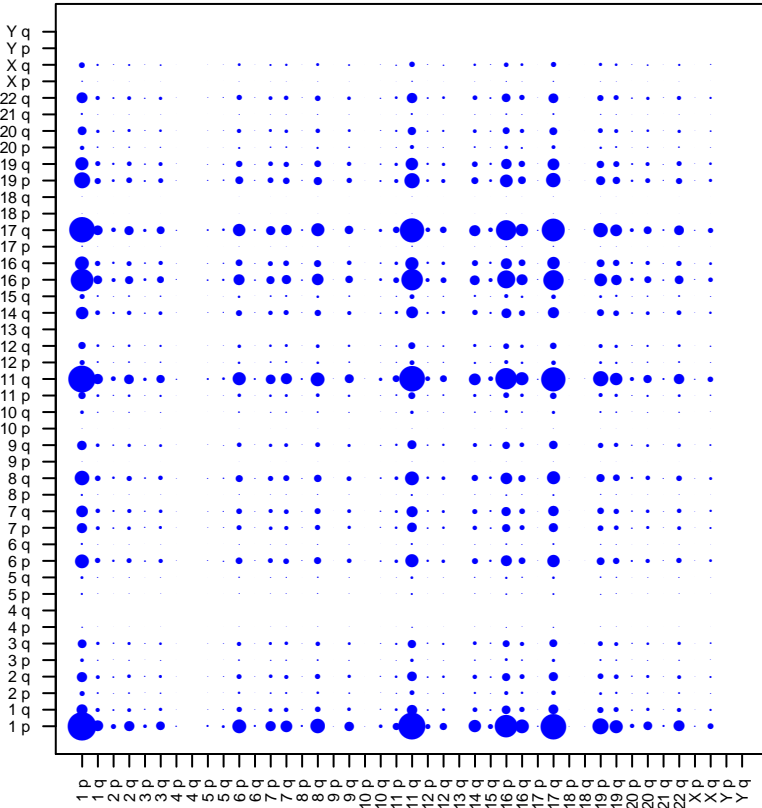
Classical : 1 (3.1 %)

Mesenchymal : 6 (7.1 %)

Basal : 4 (4.8 %)



Absolute numbers

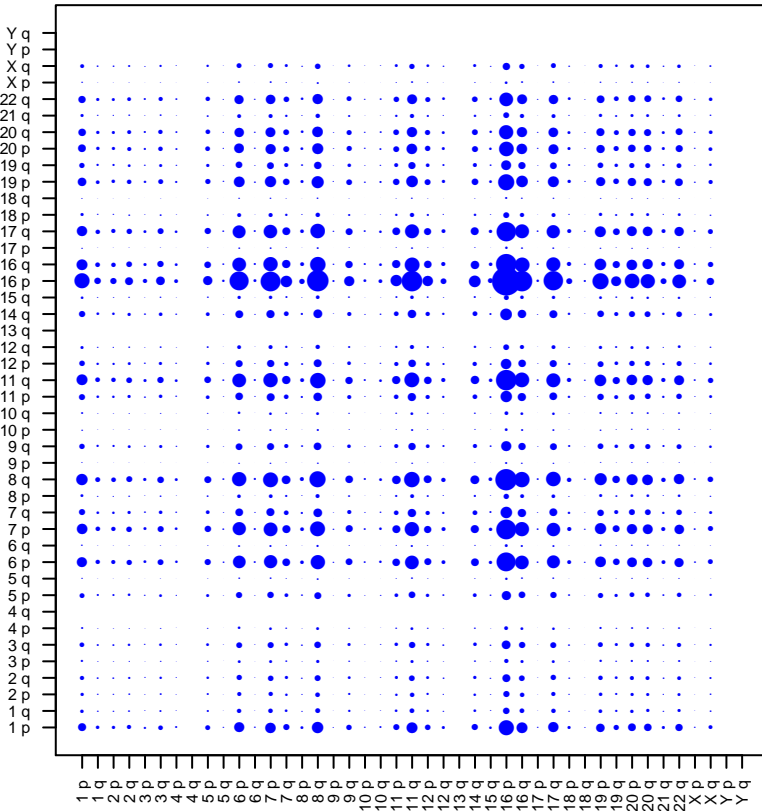


Rank locus # genes % p-value

Rank	locus	# genes	%	p-value
1	1 p	39	4.2	0.02
2	11 q	37	5.7	1e-04
3	17 q	35	5.4	6e-04
4	16 p	31	7.9	9e-07
5	19 p	22	4.5	0.04
6	8 q	20	6.6	0.003
7	6 p	19	5.3	0.01
8	16 q	19	5.7	0.006
9	19 q	18	2.8	0.7
10	14 q	17	3.3	0.4
11	7 q	16	3.2	0.4
12	1 q	15	1.8	1
13	22 q	15	3.8	0.2
14	2 q	14	2.2	0.9
15	7 p	14	5.5	0.02
16	9 q	13	2.8	0.6
17	3 q	12	2.4	0.8
18	20 q	12	3.9	0.2
19	11 p	10	3.2	0.5
20	12 q	10	1.6	1
21	X q	8	2	0.9
22	2 p	7	1.7	1
23	12 p	7	2.9	0.6
24	15 q	7	1.4	1
25	20 p	6	4.1	0.3
26	3 p	5	1.2	1
27	10 q	5	1	1
28	5 q	4	0.7	1
29	5 p	3	2.6	0.7
30	8 q	3	0.8	1
31	8 p	3	1.5	0.9
32	21 q	3	1.6	0.9
33	4 p	2	1.1	1
34	17 p	2	0.7	1
35	X p	2	0.7	1
36	9 p	1	0.6	1
37	10 p	1	0.8	1
38	18 p	1	1.6	0.8
39	18 q	1	0.6	1
40	4 q	0	0	1
41	13 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

HSCHR6-MHC-GBB

Relative numbers



Rank locus # genes % p-value

Rank	locus	# genes	%	p-value
1	16 p	31	7.9	9e-07
2	8 q	20	6	0.003
3	11 q	37	5.7	1e-04
4	16 q	19	5.7	0.006
5	7 p	14	5.5	0.02
6	17 q	35	5.4	6e-04
7	6 p	19	5.3	0.01
8	19 p	22	4.5	0.04
9	1 p	39	4.2	0.02
10	20 p	6	4.1	0.3
11	20 q	6	3.9	0.3
12	22 q	15	3.8	0.2
13	14 q	17	3.3	0.4
14	7 q	16	3.2	0.4
15	11 p	10	3.2	0.5
16	12 p	7	2.9	0.6
17	9 q	13	2.8	0.6
18	19 q	18	2.8	0.7
19	5 p	3	2.6	0.7
20	3 q	12	2.4	0.8
21	2 q	14	2.2	0.9
22	X q	8	2	0.9
23	1 q	15	1.8	1
24	2 p	7	1.7	1
25	18 p	1	1.6	0.8
26	21 q	3	1.6	0.9
27	12 q	10	1.6	1
28	8 p	3	1.5	0.9
29	15 q	7	1.4	1
30	3 p	5	1.2	1
31	4 p	2	1.1	1
32	10 q	5	1	1
33	6 q	3	0.8	1
34	10 p	3	0.8	1
35	X p	2	0.7	1
36	17 p	2	0.7	1
37	5 q	4	0.7	1
38	18 q	1	0.6	1
39	9 p	1	0.6	1
40	4 q	0	0	1
41	13 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot d

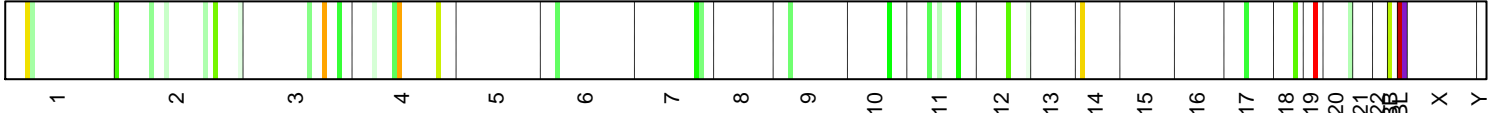
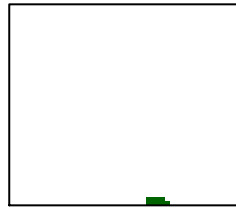
genes in spot = 129 (112 with loci information)

samples with spot = 71 (25.8 %)

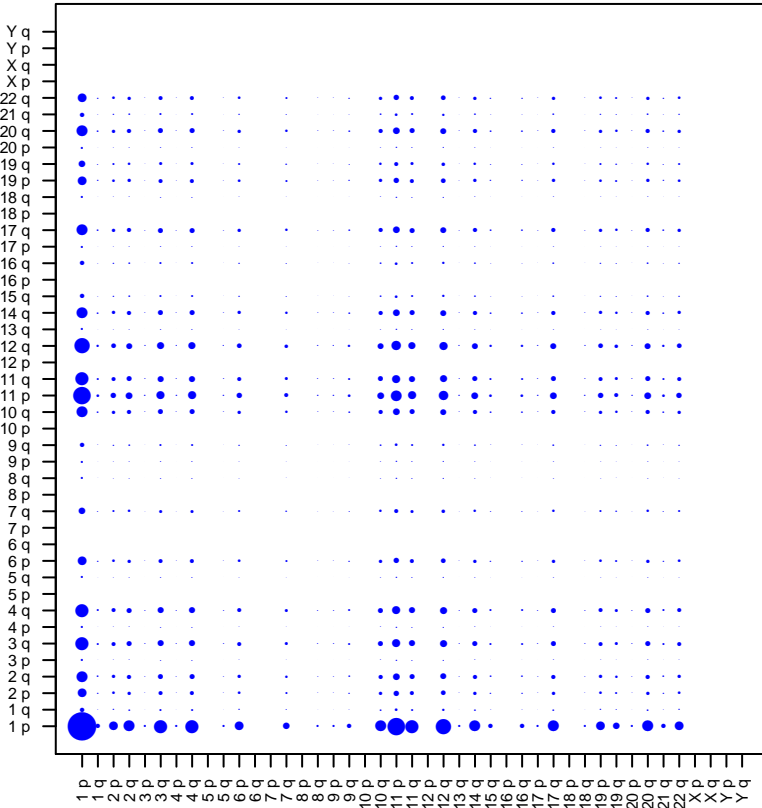
Atypical : 22 (29.7 %)

Mesenchymal : 32 (37.6 %)

Basal : 17 (20.2 %)



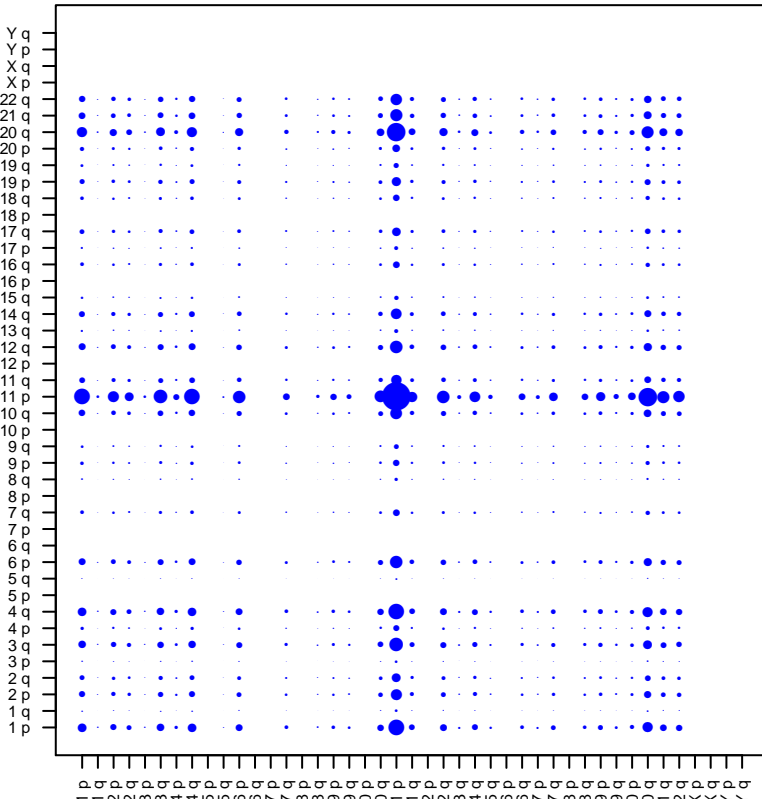
Absolute numbers



Rank	locus	# genes	%	p-value
1	1 p	13	1.4	0.03
2	11 p	8	2.5	0.004
3	12 q	7	1.1	0.2
4	3 q	6	1.2	0.2
5	4 q	6	1.4	0.1
6	11 q	6	1.4	0.4
7	2 q	5	0.9	0.6
8	10 q	5	1	0.3
9	14 q	5	1	0.4
10	17 q	5	1.6	0.6
11	20 q	4	1	0.1
12	2 p	4	0.8	0.4
13	6 p	4	1.1	0.3
14	19 p	4	0.8	0.6
15	22 q	4	1	0.4
16	7 q	3	0.6	0.8
17	19 q	3	0.5	0.9
18	1 q	3	0.4	1
19	9 q	3	0.2	0.9
20	15 q	3	0.4	0.9
21	16 q	2	0.6	0.7
22	21 q	2	1.1	0.4
23	3 q	2	0.2	1
24	4 p	1	0.5	0.8
25	5 q	1	0.2	1
26	8 q	1	0.3	0.9
27	9 p	1	0.6	0.8
28	13 q	1	0.4	0.9
29	17 p	1	0.3	0.9
30	18 q	1	0.6	0.7
31	20 p	1	0	0.7
32	5 p	0	0	1
33	6 q	0	0	1
34	16 q	0	0	1
35	7 p	0	0	1
36	10 p	0	0	1
37	12 p	0	0	1
38	16 p	0	0	1
39	18 p	0	0	1
40	X p	0	0	1
41	X q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-DDB

Relative numbers



Rank	locus	# genes	%	p-value
1	11 p	8	2.5	0.004
2	20 q	5	1.6	0.1
3	1 p	5	1.4	0.03
4	4 q	6	1.4	0.1
5	3 q	6	1.2	0.2
6	12 q	7	1.1	0.2
7	6 p	4	1.1	0.3
8	21 q	2	1.1	0.4
9	10 q	5	1.1	0.3
10	22 q	4	1	0.4
11	2 p	4	1	0.4
12	14 q	4	1	0.4
13	11 q	5	0.9	0.4
14	19 p	4	0.8	0.6
15	2 q	5	0.8	0.6
16	17 q	5	0.8	0.6
17	20 p	1	0.7	0.7
18	7 q	1	0.6	0.8
19	16 q	2	0.6	0.7
20	18 q	1	0.6	0.7
21	9 p	1	0.6	0.8
22	4 p	1	0.5	0.8
23	19 q	3	0.5	0.8
24	9 q	3	0.4	0.9
25	15 q	2	0.4	0.9
26	13 q	1	0.4	0.9
27	17 p	1	0.3	0.9
28	8 q	1	0.3	0.9
29	1 q	2	0.2	1
30	3 p	1	0.2	1
31	5 q	1	0.2	1
32	5 p	0	0	1
33	6 q	0	0	1
34	7 p	0	0	1
35	8 p	0	0	1
36	10 p	0	0	1
37	12 p	0	0	1
38	16 p	0	0	1
39	18 p	0	0	1
40	X p	0	0	1
41	X q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot e

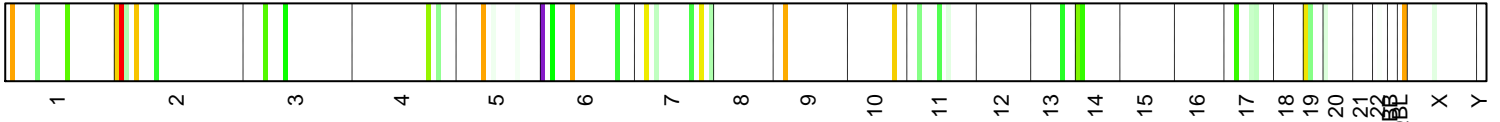
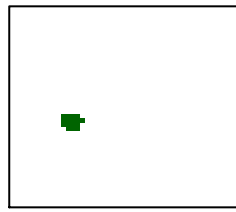
genes in spot = 193 (185 with loci information)

samples with spot = 12 (4.4 %)

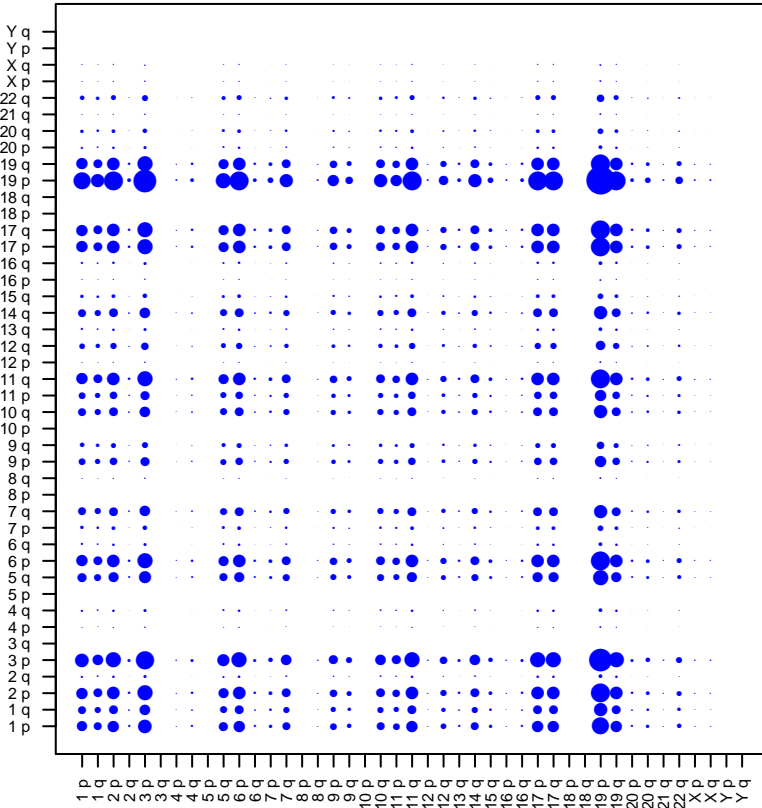
Atypical : 5 (6.8 %)

Mesenchymal : 1 (1.2 %)

Basal : 6 (7.1 %)



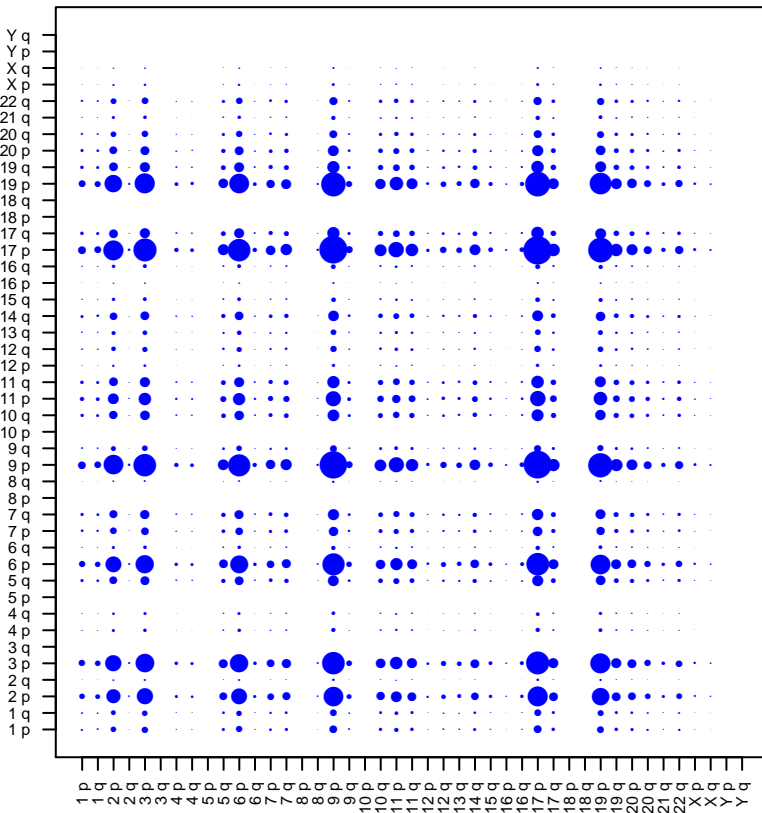
Absolute numbers



Rank	locus	# genes	%	p-value
1	19 p	15	3.1	8e-04
2	3 p	12	2.8	0.005
3	2 p	10	2.5	0.02
4	6 p	10	2.8	0.01
5	11 p	10	2.5	0.02
6	17 p	10	3.3	0.002
7	17 q	10	1.5	0.2
8	19 q	10	1.5	0.2
9	1 p	9	1.1	0.8
10	5 q	8	1.4	0.4
11	1 q	7	0.8	0.9
12	7 q	7	1.4	0.4
13	10 q	7	1.5	0.3
14	14 q	7	1.3	0.4
15	9 p	6	3.4	0.002
16	11 p	6	1.6	0.2
17	12 q	5	0.8	0.9
18	9 q	5	0.9	0.9
19	22 q	4	0.9	0.8
20	17 p	4	1.2	0.6
21	15 q	3	0.6	0.9
22	20 q	3	1	0.7
23	2 q	3	0.3	1
24	4 q	2	0.5	1
25	6 q	2	0.5	0.9
26	13 q	2	0.7	0.9
27	16 q	2	0.6	0.9
28	20 p	2	1.4	0.5
29	4 p	2	0.5	0.9
30	8 q	1	0.3	1
31	12 p	1	0.4	0.9
32	16 p	1	0.3	1
33	21 q	1	0.5	0.9
34	X p	1	0.4	1
35	X q	1	0.3	1
36	3 q	0	0	1
37	5 p	0	0	1
38	8 p	0	0	1
39	10 p	0	0	1
40	18 p	0	0	1
41	18 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-QBB

Relative numbers



Rank	locus	# genes	%	p-value
1	17 p	10	3.5	0.002
2	9 p	6	3.4	0.02
3	19 p	15	3.1	8e-04
4	3 p	12	2.8	0.005
5	6 p	10	2.8	0.01
6	2 p	10	2.5	0.02
7	11 p	6	1.9	0.2
8	11 q	10	1.5	0.2
9	17 q	10	1.5	0.2
10	19 q	10	1.5	0.2
11	1 q	7	1.5	0.3
12	7 q	7	1.4	0.4
13	5 q	8	1.4	0.4
14	20 p	2	1.4	0.5
15	14 q	7	1.3	0.4
16	7 p	3	1.2	0.6
17	22 q	4	1.1	0.7
18	20 q	3	1	0.7
19	1 p	9	1	0.8
20	9 q	4	0	0.8
21	1 q	7	0	0.9
22	12 q	5	0	0.9
23	13 q	5	0	0.9
24	16 q	2	0.6	0.9
25	15 q	3	0.6	0.9
26	21 q	1	0.5	0.9
27	6 q	2	0.5	0.9
28	4 p	1	0.5	0.9
29	4 q	2	0.5	1
30	12 p	1	0.4	0.9
31	X p	1	0.4	1
32	2 q	2	0.3	1
33	8 q	1	0	1
34	X q	1	0	1
35	16 p	1	0	1
36	3 q	0	0	1
37	5 p	0	0	1
38	8 p	0	0	1
39	10 p	0	0	1
40	18 p	0	0	1
41	18 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

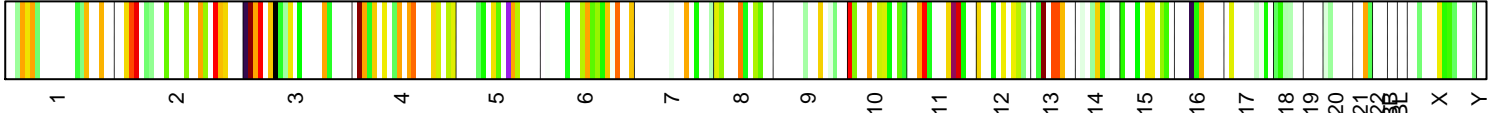
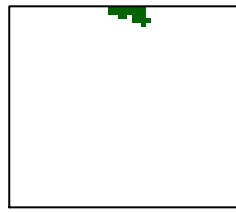
Spot f

genes in spot = 387 (381 with loci information)

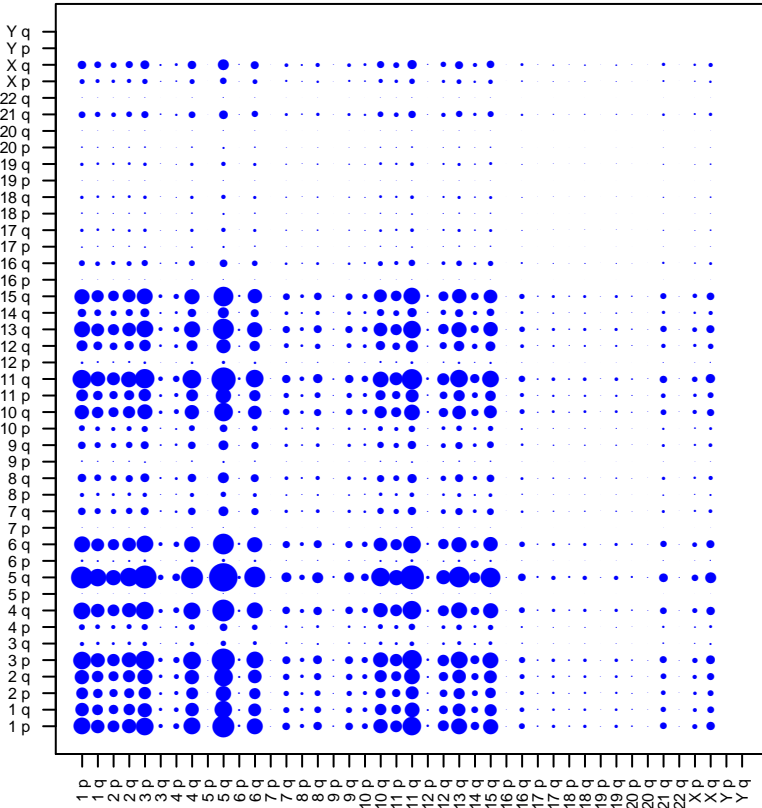
samples with spot = 5 (1.8 %)

Classical : 1 (3.1 %)

Basal : 4 (4.8 %)



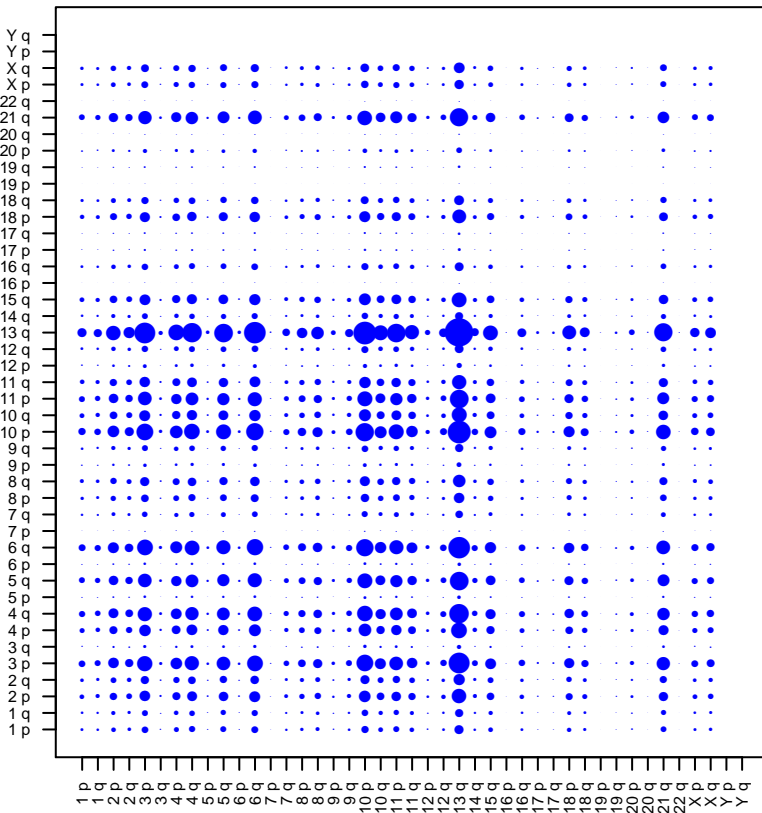
Absolute numbers



Rank	locus	# genes	%	p-value
1	5 q	26	4.4	0.002
2	11 q	22	3.4	0.06
3	3 p	21	5	0.001
4	1 p	20	2.2	0.7
5	4 q	20	4.6	0.004
6	6 q	19	5.1	0.002
7	13 q	19	6.8	5e-05
8	15 q	18	3.5	0.07
9	2 q	17	2.7	0.3
10	10 q	17	3.6	0.07
11	1 q	16	1.9	0.8
12	2 p	14	3.4	0.1
13	11 p	14	4.4	0.02
14	12 q	13	2.1	0.7
15	8 q	10	3	0.3
16	14 q	10	1.9	0.8
17	X q	10	2.6	0.5
18	7 q	9	1.8	0.8
19	9 q	9	2	0.8
20	21 q	8	4.3	0.08
21	4 p	7	3.7	0.2
22	10 p	7	5.4	0.04
23	16 q	7	2.1	0.7
24	X p	6	2.2	0.6
25	3 q	5	1	1
26	8 p	5	2.5	0.5
27	17 q	4	0.6	1
28	18 q	4	2.3	0.6
29	19 q	4	0.6	1
30	6 p	3	0.8	1
31	12 p	3	1.2	0.9
32	9 p	2	1.1	0.9
33	17 p	2	0.7	1
34	18 p	2	3.3	0.4
35	20 p	2	1.4	0.9
36	5 p	1	0.9	0.9
37	7 p	1	0.4	1
38	16 p	1	0.3	1
39	19 p	1	0.2	1
40	20 q	1	0.3	1
41	22 q	1	0.3	1
42	Y p	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-GBB

Relative numbers



Rank	locus	# genes	%	p-value
1	13 q	19	6.8	5e-05
2	10 p	19	5.4	0.04
3	6 q	19	5.1	0.002
4	3 p	21	5	0.001
5	4 q	20	4.6	0.004
6	11 p	14	4.4	0.02
7	5 q	26	4.4	0.002
8	21 q	8	4.3	0.08
9	4 p	7	3.7	0.2
10	10 q	17	3.6	0.07
11	15 q	18	3.5	0.07
12	2 p	14	3.4	0.1
13	11 q	22	3.4	0.06
14	18 p	2	3.3	0.4
15	8 q	10	3	0.3
16	2 q	17	2.7	0.3
17	X q	10	2.6	0.5
18	8 p	5	2.5	0.5
19	18 q	4	2.3	0.6
20	X p	6	2.2	0.6
21	1 p	20	2.2	0.7
22	16 q	7	2.1	0.7
23	12 q	13	2.1	0.7
24	9 q	9	2	0.8
25	1 q	16	1.9	0.8
26	14 q	10	1.9	0.8
27	7 q	9	1.8	0.8
28	20 p	2	1.4	0.9
29	12 p	3	1.2	0.9
30	9 p	2	1.1	0.9
31	3 q	5	1	1
32	5 p	1	0.9	0.9
33	6 p	3	0.8	1
34	17 p	2	0.7	1
35	17 q	4	0.6	1
36	19 q	4	0.6	1
37	7 p	1	0.4	1
38	20 p	1	0.3	1
39	16 p	1	0.3	1
40	22 q	1	0.3	1
41	19 p	1	0.2	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot g

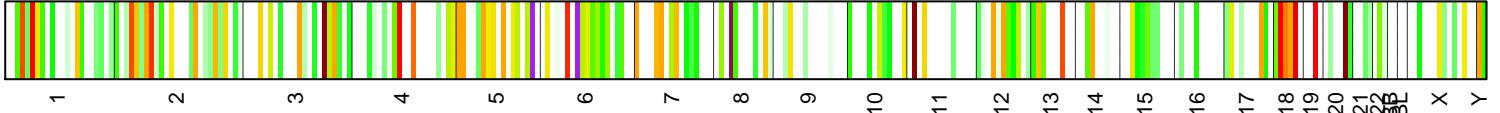
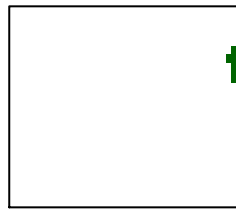
genes in spot = 437 (430 with loci information)

samples with spot = 4 (1.5 %)

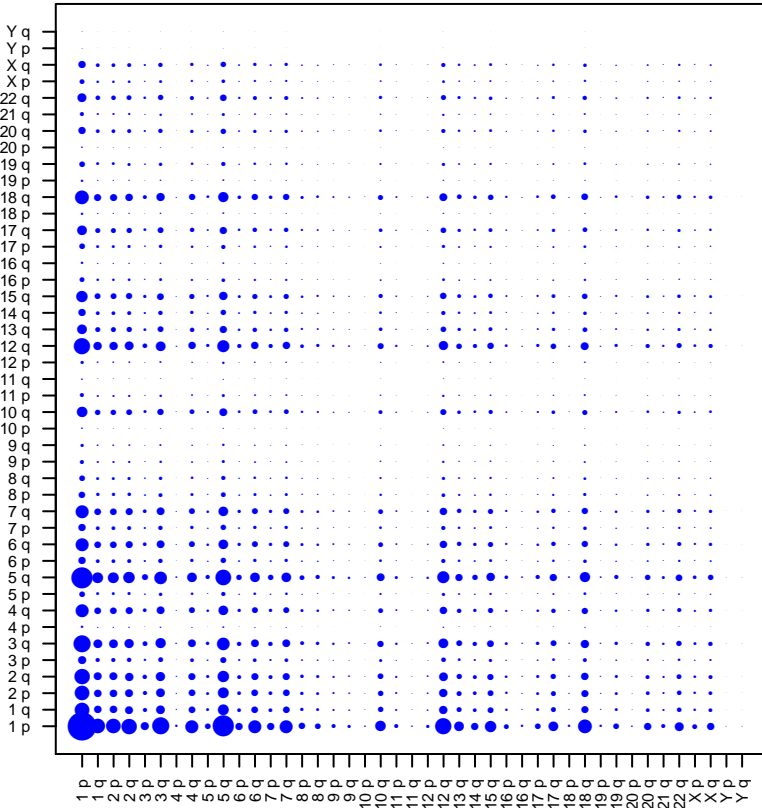
Atypical : 2 (2.7 %)

Classical : 1 (3.1 %)

Mesenchymal : 1 (1.2 %)



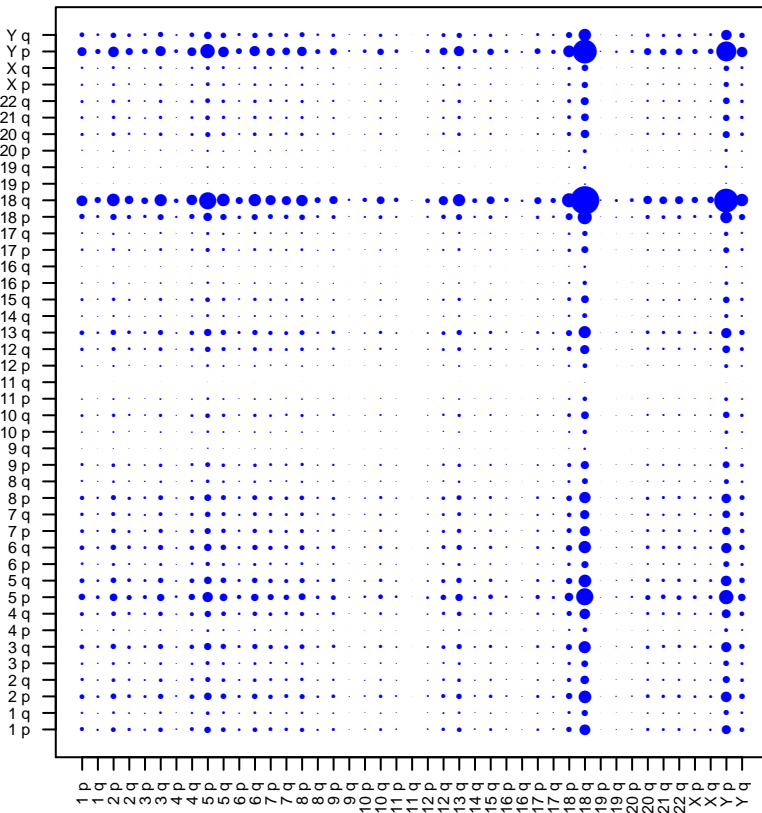
Absolute numbers



Rank	locus	# genes	%	p-value
1	1 p	35	3.8	0.03
2	5 q	26	4.4	0.009
3	3 q	21	4.2	0.03
4	12 q	20	3.2	0.2
5	2 q	19	3	0.4
6	1 q	18	2.2	0.9
7	2 p	18	3.2	0.4
8	18 q	17	4.4	0.03
9	4 q	16	3.7	0.1
10	6 q	16	4.3	0.04
11	7 q	16	3.2	0.3
12	15 q	14	2.7	0.5
13	10 q	13	2.7	0.5
14	13 q	12	4.3	0.08
15	17 q	12	1.8	0.9
16	22 q	11	2.8	0.5
17	3 p	10	2.4	0.7
18	6 p	9	2.5	0.6
19	7 p	9	3.5	0.2
20	14 q	9	1.7	0.9
21	20 q	9	3	0.4
22	X q	8	2.3	0.7
23	8 p	4	2	0.2
24	5 p	7	6	0.04
25	8 q	7	2.1	0.8
26	17 p	7	2.4	0.7
27	19 q	7	1.1	1
28	16 p	6	1.5	1
29	X p	6	2.2	0.7
30	9 p	5	2.9	0.5
31	11 p	5	1.6	0.9
32	21 q	5	2.7	0.6
33	9 q	4	0.9	1
34	12 p	4	1.7	0.9
35	4 p	3	1.6	0.9
36	16 q	3	0.9	1
37	18 p	3	4.9	0.2
38	19 p	3	0.6	1
39	10 p	2	1.6	0.9
40	11 q	2	0.3	1
41	20 p	2	1.4	0.9
42	Y p	1	8.3	0.3
43	Y q	1	4.3	0.5

H3CHR6-MHC-QBB

Relative numbers



Rank	locus	# genes	%	p-value
1	18 q	17	9.9	4e-06
2	Y p	1	8.3	0.3
3	5 p	7	6	0.04
4	18 p	3	4.9	0.2
5	2 p	18	4.4	0.03
6	5 q	26	4.4	0.009
7	Y q	1	4.3	0.5
8	6 q	16	4.3	0.04
9	13 q	12	4.3	0.08
10	3 q	21	4.2	0.03
11	8 p	8	4	0.2
12	1 p	8	3.8	0.03
13	4 q	16	3.7	0.1
14	7 p	9	3.5	0.2
15	7 q	16	3.2	0.3
16	12 q	20	3.2	0.2
17	2 q	19	3	0.4
18	20 q	9	3	0.4
19	9 p	5	2.9	0.5
20	22 q	11	2.8	0.5
21	15 q	14	2.7	0.5
22	10 q	13	2.7	0.5
23	21 q	5	2.7	0.6
24	6 p	19	2.5	0.6
25	17 p	7	2.4	0.7
26	3 p	10	2.4	0.7
27	X q	9	2.3	0.7
28	X p	6	2.2	0.7
29	1 q	18	2.2	0.9
30	8 q	7	2.1	0.8
31	17 q	12	1.8	0.9
32	14 q	9	1.7	0.9
33	12 p	4	1.7	0.9
34	4 p	3	1.6	0.9
35	11 p	5	1.6	0.9
36	10 p	2	1.6	0.9
37	16 p	2	1.5	1
38	20 p	2	1.4	0.9
39	19 q	7	1.1	1
40	16 q	3	0.9	1
41	9 q	4	0.9	1
42	19 p	3	0.6	1
43	11 q	2	0.3	1

Spot h

genes in spot = 235 (226 with loci information)

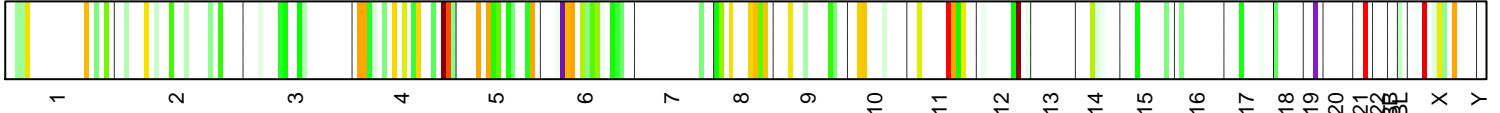
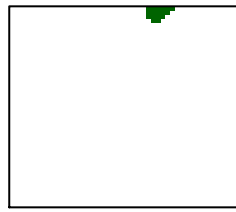
samples with spot = 12 (4.4 %)

Atypical : 1 (1.4 %)

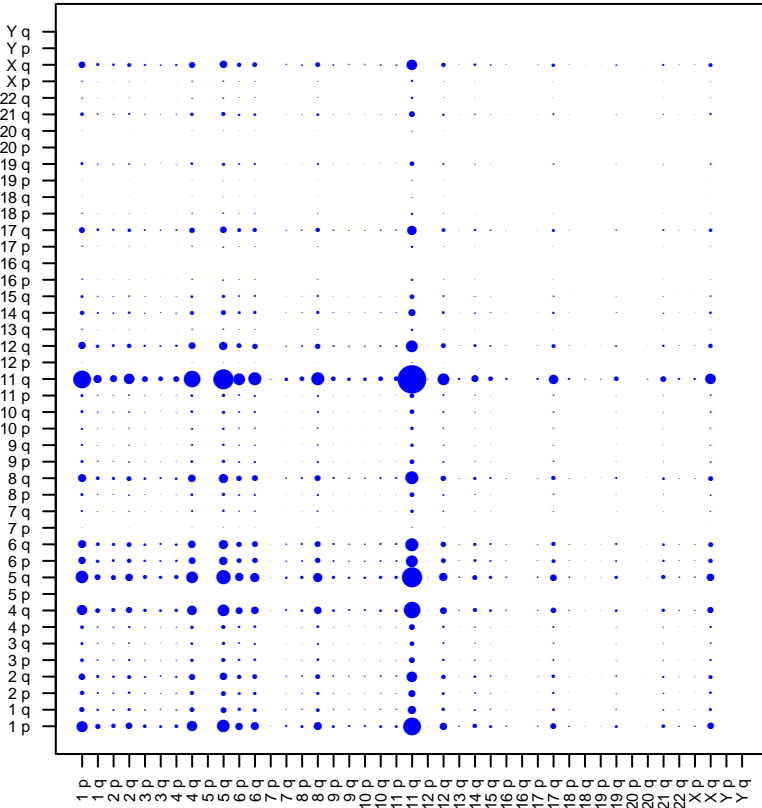
Classical : 1 (3.1 %)

Mesenchymal : 1 (1.2 %)

Basal : 9 (10.7 %)



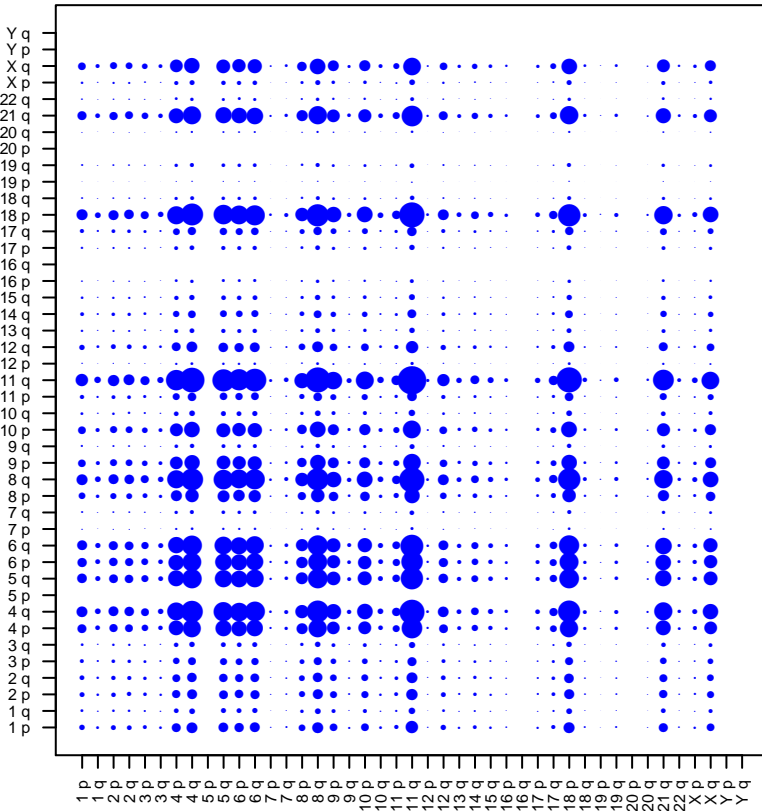
Absolute numbers



Rank	locus	# genes	%	p-value
1	11 q	24	3.7	3e-05
2	5 q	17	2.9	0.005
3	1 p	15	1.6	0.4
4	4 q	14	3.2	0.004
5	6 q	11	3	0.02
6	8 q	11	3.3	0.01
7	6 p	10	2.8	0.04
8	12 q	10	1.6	0.4
9	2 q	9	1.4	0.6
10	X q	9	2.3	0.1
11	17 q	8	1.2	0.7
12	1 q	7	0.8	1
13	2 p	6	1.5	0.5
14	14 q	6	1.1	0.8
15	3 p	5	1.2	0.7
16	4 p	5	2.7	0.1
17	21 q	5	2.7	0.1
18	8 q	4	0.8	0.9
19	8 p	4	2	0.3
20	9 p	4	2.3	0.2
21	10 q	4	0.8	0.9
22	11 p q	4	1.3	0.7
23	15 q	4	0.8	0.9
24	19 q	4	0.6	1
25	7 q	3	0.6	1
26	9 q	3	0.7	1
27	10 p	3	2.3	0.3
28	13 q	3	0.7	0.9
29	16 p	3	0.5	1
30	17 p	3	0.5	0.9
31	18 p	3	3.3	0.2
32	22 q	3	0.5	1
33	X p	2	0.7	0.9
34	7 p	1	0.4	1
35	12 p	1	0.4	1
36	18 q	1	0.6	0.9
37	19 p	1	0.2	1
38	20 q	1	0.3	1
39	5 p	0	0	1
40	16 p	0	0	1
41	20 p	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-QBB

Relative numbers



Rank	locus	# genes	%	p-value
1	11 q	24	3.7	3e-05
2	18 p	3	3.3	0.2
3	8 q	11	3.3	0.01
4	4 q	14	3.2	0.004
5	5 q	11	3	0.02
6	6 q	17	2.9	0.005
7	6 p	10	2.8	0.04
8	21 q	5	2.7	0.1
9	4 p	5	2.7	0.1
10	10 p	5	2.7	0.1
11	X q	9	2.3	0.3
12	9 p	4	2.3	0.1
13	8 p	4	2	0.2
14	1 p	15	1.6	0.4
15	12 q	10	1.6	0.4
16	2 p	6	1.5	0.5
17	2 q	9	1.4	0.6
18	11 p	4	1.3	0.7
19	17 q	8	1.2	0.7
20	3 p	5	1.2	0.7
21	14 q	6	1.1	0.8
22	1 q	7	0.8	1
23	10 q	4	0.8	0.9
24	3 q	4	0.8	0.9
25	15 q	4	0.8	0.9
26	X p	2	0.7	0.9
27	13 q	2	0.7	0.9
28	17 p	2	0.7	0.9
29	9 q	3	0.7	1
30	19 q	4	0.6	1
31	7 q	3	0.6	1
32	18 q	1	0.6	0.9
33	16 p	2	0.5	1
34	22 q	2	0.5	1
35	12 p	1	0.4	1
36	7 p	1	0.4	1
37	20 q	1	0.3	1
38	19 p	1	0.2	1
39	5 p	0	0	1
40	16 p	0	0	1
41	20 p	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot i

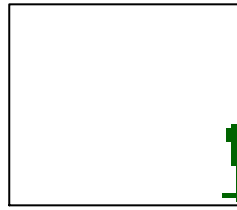
genes in spot = 701 (675 with loci information)

samples with spot = 44 (16 %)

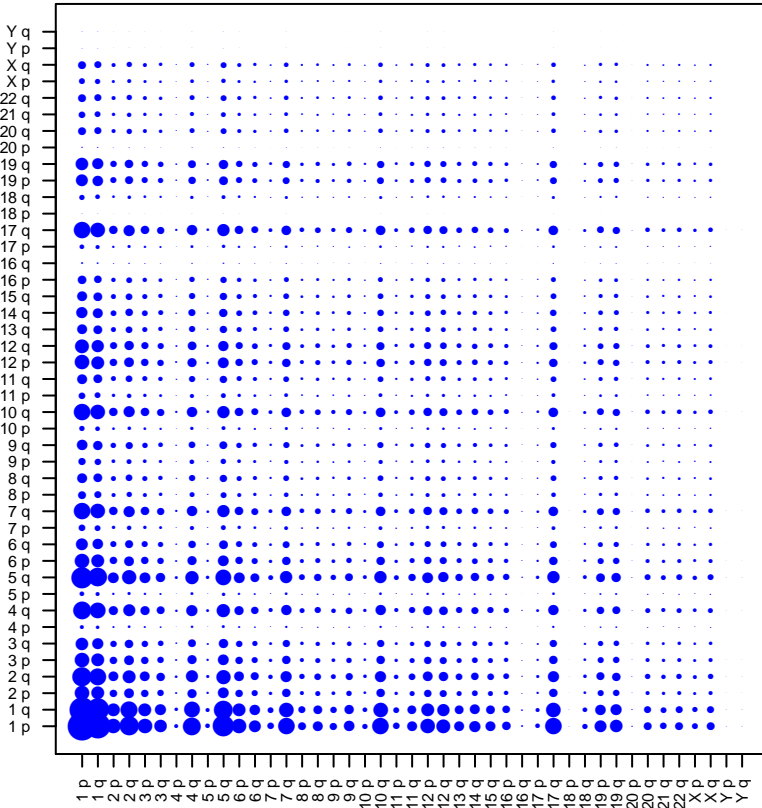
Atypical : 37 (50 %)

Mesenchymal : 5 (5.9 %)

Basal : 2 (2.4 %)



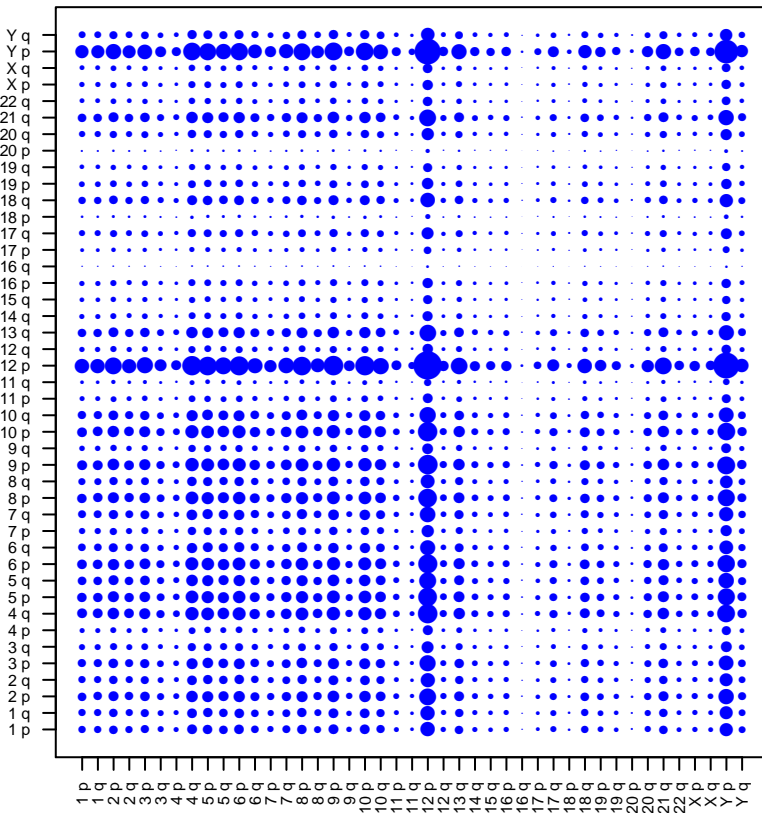
Absolute numbers



Rank	locus	# genes	%	p-value
1	1 p	43	4.6	0.3
2	1 q	38	4.6	0.4
3	5 q	32	5.4	0.1
4	2 q	29	4.6	0.4
5	4 q	27	6.2	0.04
6	7 q	25	5.2	0.0034
7	10 q	25	5.2	0.0034
8	17 q	22	5.4	0.8
9	2 p	22	5.4	0.2
10	3 p	22	5.2	0.2
11	6 p	22	6.1	0.07
12	12 p	22	9.1	8e-04
13	12 q	21	3.4	0.9
14	3 q	19	3.8	0.7
15	19 q	19	2.9	1
16	6 q	18	4.9	0.3
17	19 p	18	3.7	0.8
18	14 q	17	3.3	0.9
19	9 q	16	3.5	0.8
20	8 q	15	4.5	0.5
21	11 q	15	5.3	0.2
22	13 q	15	2.9	1
23	15 q	15	2.9	1
24	16 p	13	3.3	0.9
25	8 p	12	6	0.2
26	20 q	12	3.9	0.7
27	22 q	12	3.1	0.9
28	X q	12	3.1	0.9
29	9 p	11	3.3	0.1
30	7 p	10	3.9	0.7
31	11 p	10	3.3	0.9
32	21 q	10	5.4	0.3
33	X p	9	3.3	0.8
34	10 p	8	6.2	0.2
35	18 q	8	4.7	0.5
36	5 p	7	6	0.2
37	17 p	7	2.4	1
38	4 p	6	3.2	0.8
39	16 q	3	0.9	1
40	20 p	2	1.4	1
41	18 p	1	1.6	0.9
42	Y p	1	8.3	0.4
43	Y q	1	4.3	0.6

H3CHR6-MHC-QBB

Relative numbers



Rank	locus	# genes	%	p-value
1	12 p	22	9.1	8e-04
2	Y p	1	8.3	0.4
3	9 p	11	6.3	0.1
4	4 q	27	6.2	0.04
5	10 p	8	6.2	0.2
6	6 p	22	6.1	0.07
7	5 p	7	6	0.2
8	8 p	12	6	0.2
9	5 q	32	5.4	0.1
10	2 p	22	5.4	0.2
11	21 q	22	5.4	0.3
12	13 q	15	5.3	0.2
13	10 q	25	5.2	0.2
14	3 p	22	5.2	0.2
15	7 q	25	5	0.3
16	6 q	18	4.9	0.3
17	18 q	8	4.7	0.5
18	1 p	43	4.6	0.3
19	1 q	38	4.6	0.4
20	2 q	29	4.6	0.4
21	8 q	15	4.5	0.5
22	Y q	1	4.3	0.6
23	20 q	12	3.9	0.7
24	7 p	10	3.9	0.7
25	17 q	25	3.8	0.8
26	3 q	19	3.8	0.7
27	19 p	18	3.7	0.8
28	9 q	16	3.5	0.8
29	12 q	21	3.4	0.9
30	X p	9	3.3	0.8
31	16 p	13	3.3	0.9
32	14 q	17	3.3	0.9
33	4 p	6	3.2	0.8
34	11 p	10	3.2	0.9
35	X q	12	3.1	0.9
36	22 q	12	3.1	0.9
37	15 q	15	2.9	1
38	19 q	19	2.9	1
39	17 p	7	2.4	1
40	11 q	15	2.3	1
41	18 p	1	1.6	0.9
42	20 p	2	1.4	1
43	16 q	3	0.9	1

Spot j

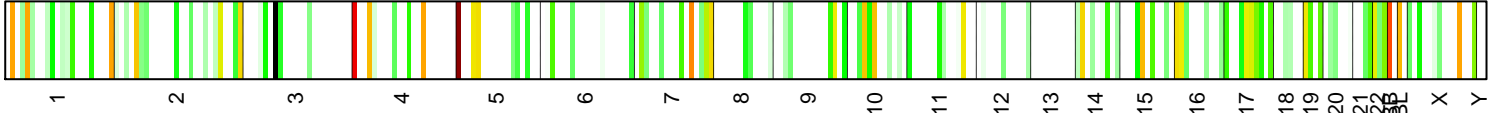
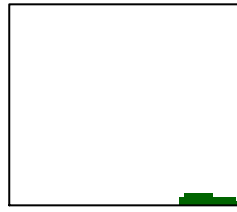
genes in spot = 456 (418 with loci information)

samples with spot = 45 (16.4 %)

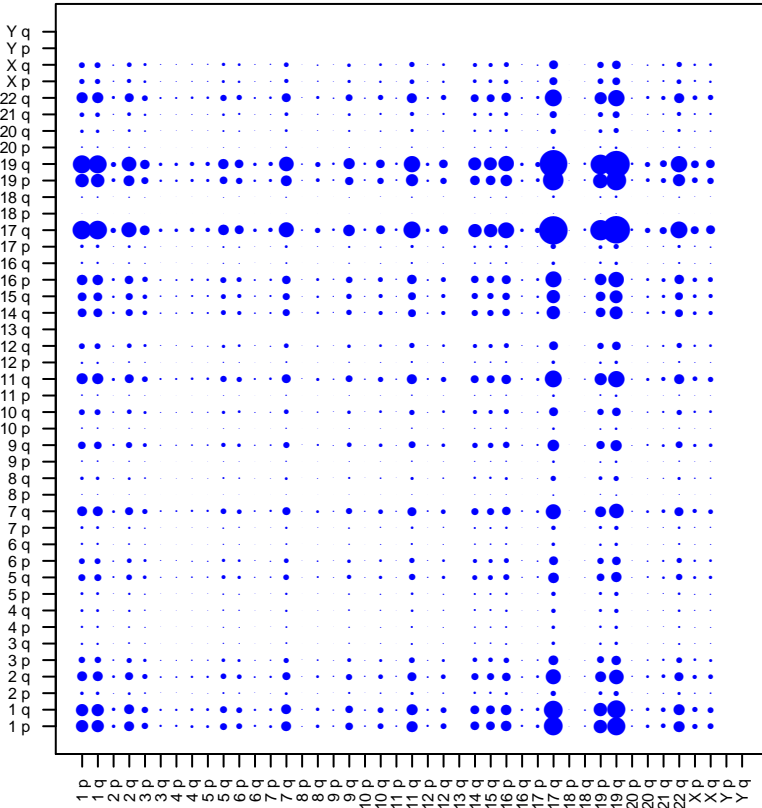
Atypical : 38 (51.4 %)

Mesenchymal : 3 (3.5 %)

Basal : 4 (4.8 %)



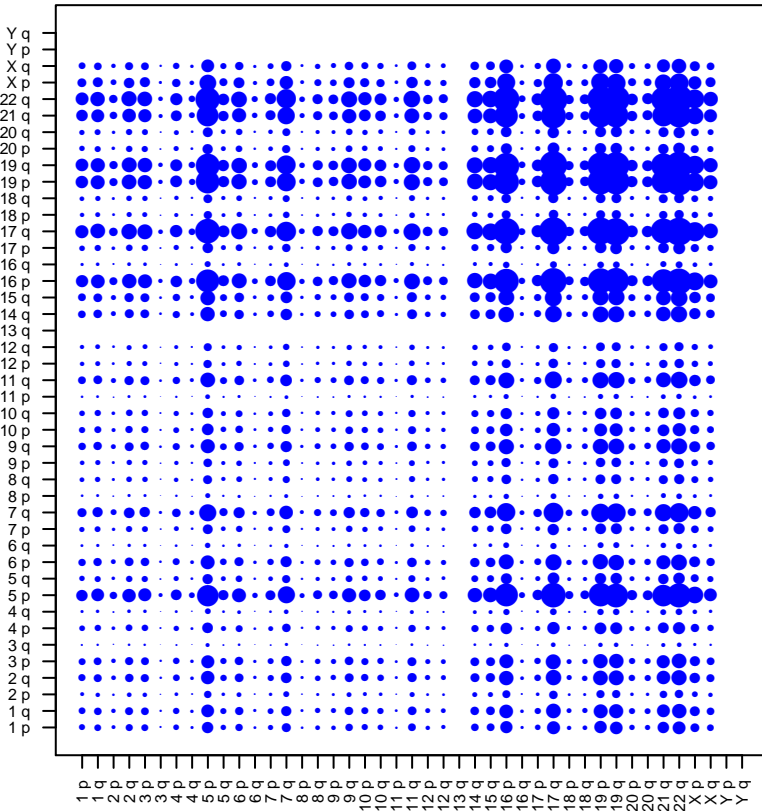
Absolute numbers



Rank	locus	# genes	%	p-value
1	17q	32	4.9	0.002
2	19q	31	4.8	0.003
3	22q	23	4.7	0.01
4	19p	23	4.7	0.01
5	16p	21	2.3	0.9
6	21q	21	0.7	1
7	11q	19	2.9	0.5
8	22q	19	4.8	0.02
9	16p	18	4.6	0.03
10	2q	17	4.6	0.03
11	7q	17	2.7	0.6
12	14q	15	3.4	0.2
13	15q	15	2.9	0.5
14	9q	13	2.8	0.5
15	5q	12	2.9	0.5
16	3p	11	2.6	0.7
17	6p	10	2.8	0.6
18	10q	10	2.1	0.9
19	12q	10	1.6	1
20	Xq	10	2.6	0.7
21	Xp	10	1	1
22	Xq	9	3.3	0.3
23	21q	8	4.3	0.2
24	2p	6	1.5	1
25	8q	6	1.8	0.9
26	17p	6	2.1	0.8
27	20q	6	2	0.9
28	4q	5	1.2	1
29	5p	5	4.3	0.2
30	7p	5	2	0.8
31	3q	4	0.8	1
32	4p	4	2.1	0.8
33	6q	4	1.1	1
34	12p	4	1.7	0.9
35	16q	4	1.2	1
36	9p	3	1.7	0.9
37	10p	3	2.3	0.7
38	11p	3	0.9	1
39	18q	3	1.8	0.9
40	20p	3	2	0.8
41	8p	2	1	1
42	18p	1	1.6	0.8
43	13q	0	0	1
	Yq	0	0	1
	Yp	0	0	1

H3CHR6-MHC-QBB

Relative numbers



Rank	locus	# genes	%	p-value
1	17q	32	4.9	0.002
2	22q	19	4.8	0.02
3	19q	31	4.8	0.003
4	19p	23	4.7	0.01
5	16p	18	4.6	0.03
6	21q	8	4.3	0.2
7	5p	5	4.3	0.2
8	7q	17	3.4	0.2
9	Xp	9	3.3	0.3
10	11q	19	2.9	0.5
11	15q	15	2.9	0.5
12	14q	15	2.9	0.5
13	9q	13	2.8	0.5
14	6p	10	2.8	0.6
15	2q	17	2.7	0.6
16	3p	11	2.6	0.7
17	Xq	10	2.6	0.7
18	1q	21	2.5	0.7
19	10p	3	2.3	0.7
20	1p	21	2.3	0.9
21	4p	4	2.1	0.9
22	17p	6	2.1	0.8
23	10q	10	2.1	0.8
24	5q	12	2.2	0.9
25	20p	3	2	0.8
26	20q	6	2	0.8
27	7p	2	2	0.8
28	8q	6	1.8	0.9
29	18q	3	1.8	0.9
30	9p	3	1.7	0.9
31	12p	4	1.7	0.9
32	18p	1	1.6	0.8
33	12q	10	1.6	1
34	2p	6	1.5	1
35	16q	4	1.5	1
36	4q	5	1.2	1
37	6q	4	1.2	1
38	8p	2	1	1
39	11p	3	0.9	1
40	3q	4	0.8	1
41	13q	0	0	1
42	Yp	0	0	1
43	Yq	0	0	1

Spot k

genes in spot = 685 (676 with loci information)

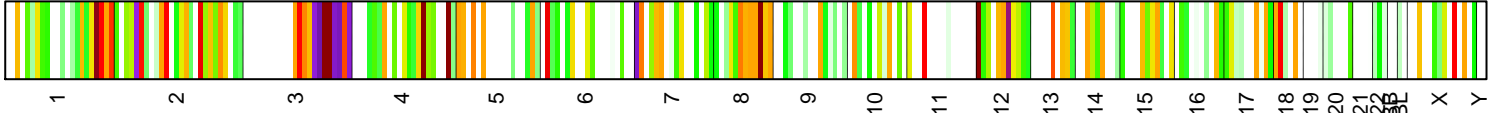
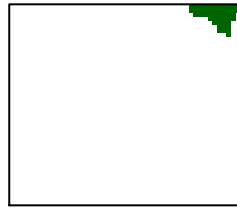
samples with spot = 27 (9.8 %)

Atypical : 5 (6.8 %)

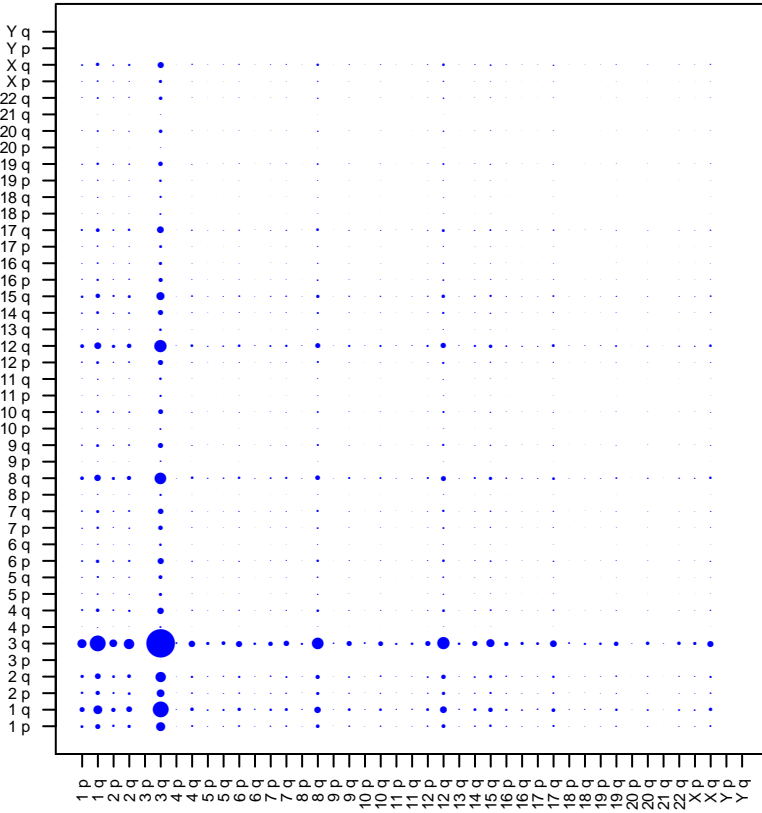
Classical : 12 (37.5 %)

Mesenchymal : 8 (9.4 %)

Basal : 2 (2.4 %)



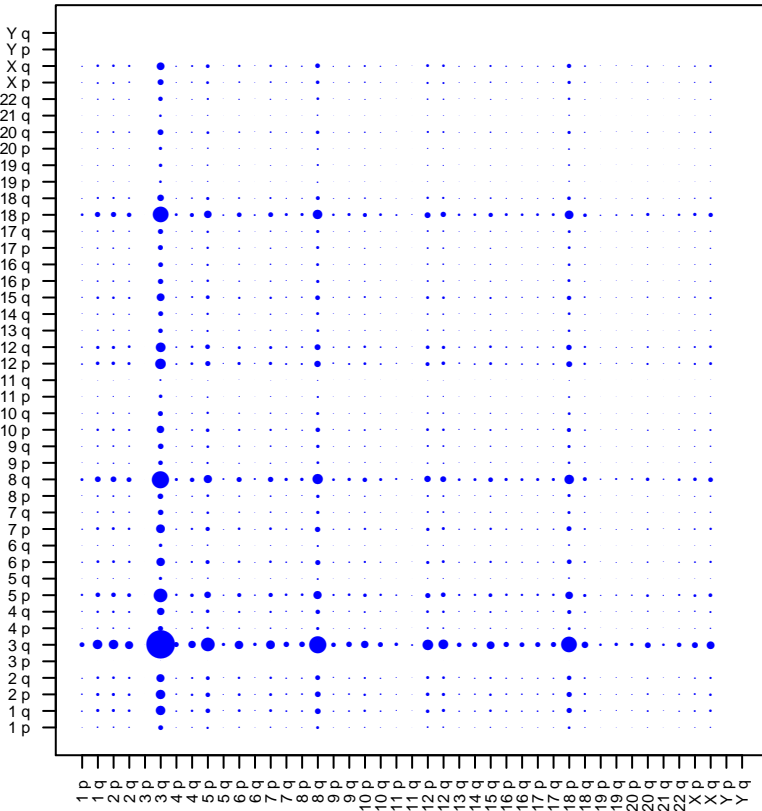
Absolute numbers



Rank	locus	# genes	%	p-value
1	3 q	88	17.8	<2e-16
2	1 q	49	5.9	0.01
3	12 q	38	6.1	0.02
4	8 q	36	10.7	3e-07
5	2 q	32	5	0.2
6	1 p	28	3	1
7	15 q	25	4.9	0.3
8	2 p	24	5.9	0.06
9	17 q	21	3.2	0.9
10	4 q	20	4.6	0.4
11	6 p	19	5.3	0.2
12	X q	19	4.9	0.3
13	7 q	17	3.4	0.9
14	9 q	16	3.5	0.8
15	12 p	16	6.6	0.05
16	14 q	16	3.1	0.9
17	10 q	15	3.1	0.9
18	7 p	14	2.1	1
19	19 q	14	5.5	0.2
20	16 p	13	3.3	0.9
21	5 q	12	2	1
22	20 q	11	3.6	0.7
23	22 q	11	2.8	0.9
24	5 p	10	8.5	0.03
25	16 q	10	3	0.9
26	X p	10	3.7	0.7
27	17 p	9	3.1	0.9
28	6 q	8	2.2	1
29	11 q	8	1.2	1
30	13 q	8	2.8	0.9
31	19 p	8	1.6	1
32	8 p	7	3.5	0.8
33	11 p	7	2.2	1
34	18 q	7	4.1	0.6
35	4 p	6	3.2	0.8
36	10 p	6	4.7	0.5
37	18 p	6	9.8	0.04
38	9 p	5	2.9	0.9
39	20 p	3	2	1
40	21 q	3	1.6	1
41	3 p	1	0.2	1
42	Y p	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-QBB

Relative numbers



Rank	locus	# genes	%	p-value
1	3 q	88	17.8	<2e-16
2	8 q	36	10.7	3e-07
3	18 p	6	9.8	0.04
4	5 p	10	8.5	0.03
5	12 p	16	6.6	0.05
6	12 q	38	6.1	0.02
7	1 q	49	5.9	0.01
8	2 p	24	5.9	0.06
9	7 p	14	5.5	0.2
10	6 p	19	5.3	0.2
11	2 q	32	5	0.2
12	15 q	25	4.9	0.3
13	X q	19	4.9	0.3
14	10 p	6	4.7	0.5
15	4 q	20	4.6	0.4
16	18 q	7	4.1	0.6
17	X p	10	3.7	0.7
18	20 q	11	3.6	0.7
19	8 p	7	3.5	0.8
20	9 q	16	3.5	0.8
21	7 q	17	3.4	0.9
22	16 p	13	3.3	0.9
23	17 q	2	3.3	0.9
24	4 p	6	3.2	0.8
25	17 p	9	3.1	0.9
26	10 q	15	3.1	0.9
27	14 q	16	3.1	0.9
28	1 p	28	3	1
29	16 q	10	3	0.9
30	9 p	5	2.9	0.9
31	13 q	8	2.8	0.9
32	22 q	11	2.8	0.9
33	11 p	7	2.2	1
34	6 q	8	2.2	1
35	19 q	14	2.1	1
36	5 q	12	2	1
37	20 p	3	2	1
38	19 p	8	1.6	1
39	21 q	3	1.6	1
40	11 q	8	1.2	1
41	3 p	1	0.2	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot I

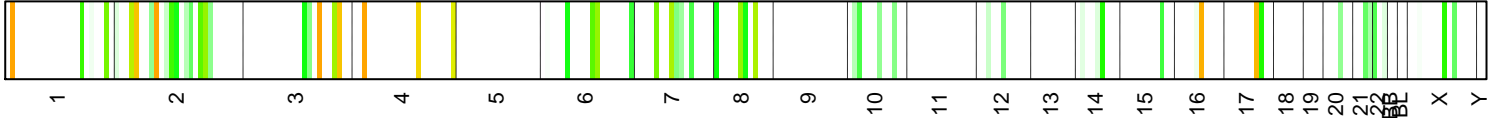
genes in spot = 185 (180 with loci information)

samples with spot = 21 (7.6 %)

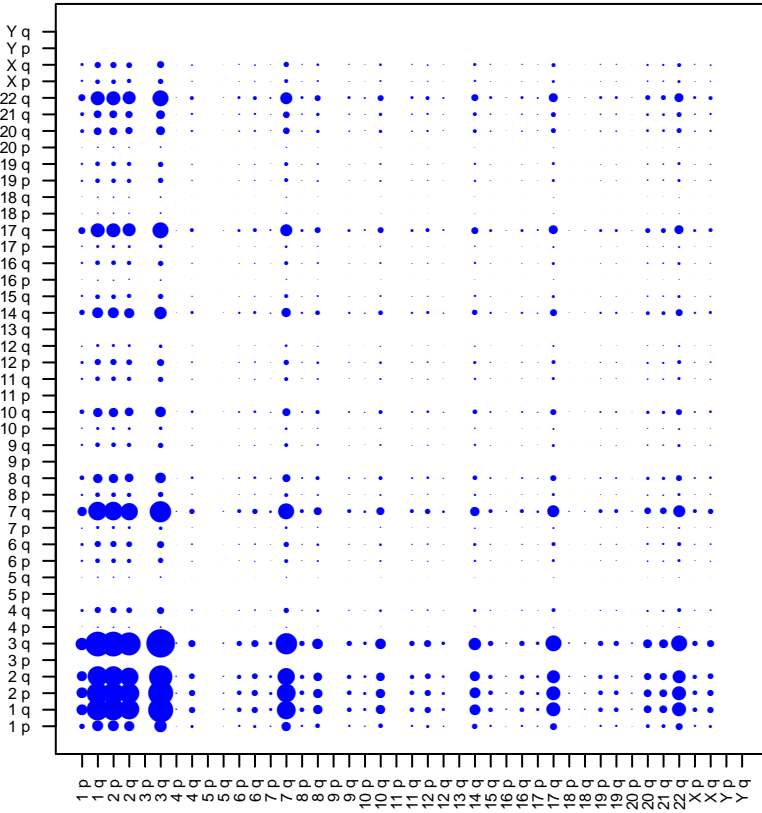
Atypical : 9 (12.2 %)

Classical : 10 (31.2 %)

Mesenchymal : 2 (2.4 %)



Absolute numbers

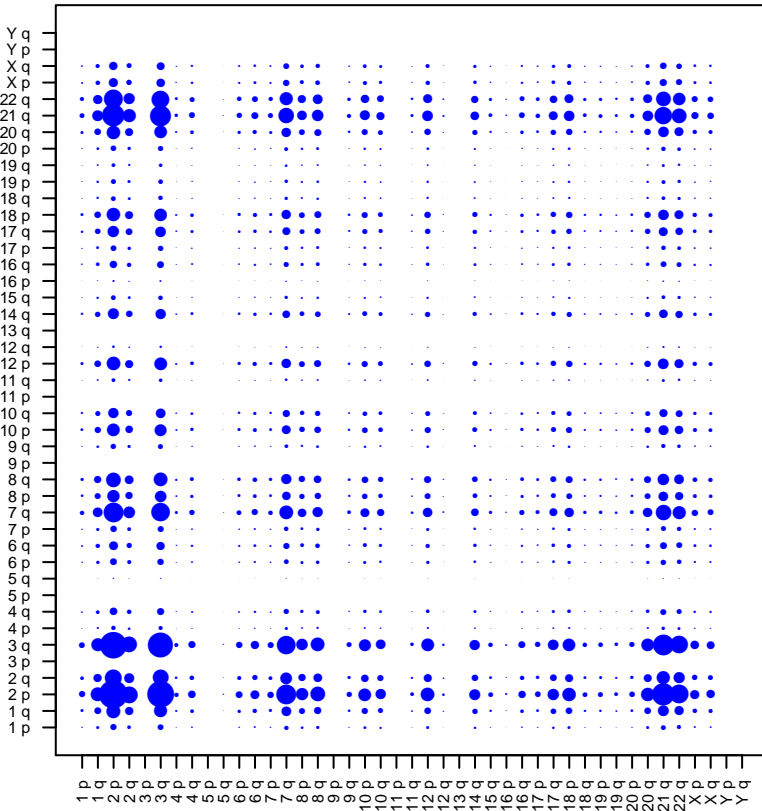


Rank locus # genes % p-value

Rank	locus	# genes	%	p-value
1	3 q	16	3.2	2e-04
2	1 q	14	3.4	0.09
3	2 p	14	3.7	2e-04
4	2 q	13	2.2	0.03
5	7 q	12	2.4	0.01
6	17 q	9	1.4	0.33
7	22 q	9	2.3	0.04
8	1 p	7	0.8	0.9
9	14 q	7	1.3	0.4
10	8 q	6	1.8	0.2
11	10 q	6	1.3	0.5
12	20 q	5	1.6	0.3
13	21 q	5	2.7	0.06
14	4 q	4	0.9	0.7
15	6 q	4	1.1	0.6
16	12 p	4	1.7	0.3
17	X q	4	1	0.7
18	6 p	3	0.8	0.8
19	8 p	3	1.5	0.4
20	9 q	3	0.7	0.9
21	11 q	3	0.5	1
22	15 q	3	0.6	0.9
23	16 q	3	0.9	0.7
24	19 p	3	0.6	0.9
25	19 q	3	0.5	1
26	X p	3	1.1	0.6
27	7 p	3	0.8	0.8
28	10 p	3	1.6	0.4
29	12 q	3	0.3	1
30	17 p	2	0.7	0.8
31	4 p	2	0.5	0.9
32	5 q	1	0.2	1
33	16 p	1	0.3	1
34	18 p	1	1.6	0.5
35	18 q	1	0.6	0.9
36	20 p	1	0.7	0.8
37	3 p	0	0	1
38	5 p	0	0	1
39	9 p	0	0	1
40	11 p	0	0	1
41	13 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-DBP

Relative numbers



Rank locus # genes % p-value

Rank	locus	# genes	%	p-value
1	2 p	14	3.4	2e-04
2	3 q	16	3.2	2e-04
3	21 q	5	2.7	0.06
4	7 q	12	2.4	0.01
5	22 q	9	2.3	0.04
6	2 q	13	2	0.03
7	8 q	6	1.8	0.2
8	1 q	14	1.7	0.09
9	12 p	4	1.7	0.3
10	20 q	5	1.6	0.3
11	18 p	1	1.6	0.5
12	10 p	1	1.6	0.4
13	8 p	3	1.6	0.4
14	17 q	9	1.4	0.3
15	14 q	7	1.3	0.4
16	10 q	6	1.3	0.5
17	X p	3	1.1	0.6
18	6 q	4	1.1	0.6
19	X q	4	1	0.7
20	4 q	4	0.9	0.7
21	16 q	3	0.9	0.7
22	6 p	3	0.8	0.8
23	7 p	3	0.8	0.8
24	1 p	2	0.8	0.8
25	17 p	2	0.7	0.8
26	20 p	1	0.7	0.8
27	9 q	3	0.7	0.9
28	19 p	3	0.6	0.9
29	15 q	3	0.6	0.9
30	18 q	1	0.6	0.9
31	4 p	1	0.5	0.9
32	11 q	3	0.5	1
33	19 q	3	0	1
34	12 q	3	0	1
35	16 p	1	0	1
36	5 q	1	0	1
37	3 p	0	0	1
38	5 p	0	0	1
39	9 p	0	0	1
40	11 p	0	0	1
41	13 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot m

genes in spot = 79 (78 with loci information)

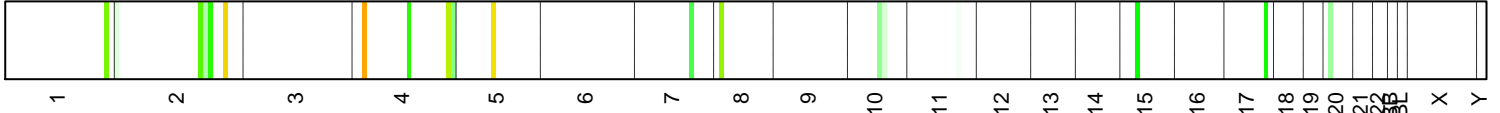
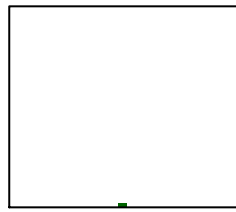
samples with spot = 45 (16.4 %)

Atypical : 10 (13.5 %)

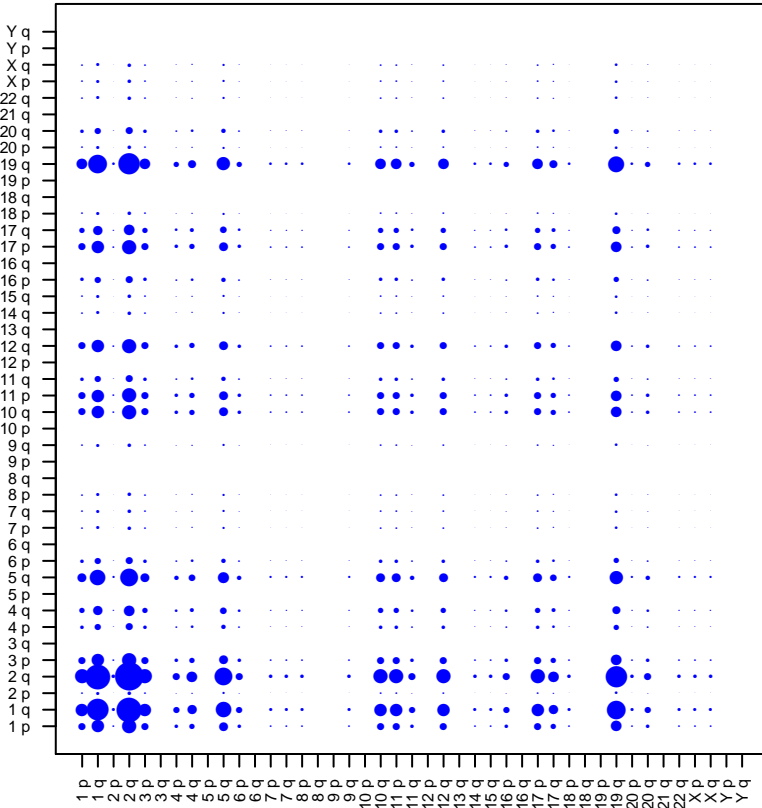
Classical : 4 (12.5 %)

Mesenchymal : 21 (24.7 %)

Basal : 10 (11.9 %)



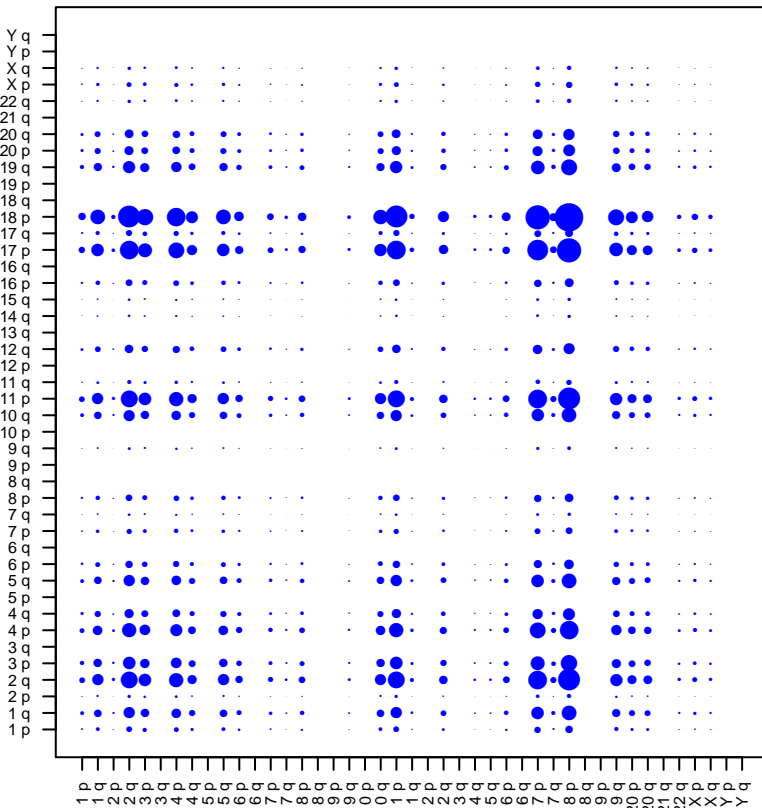
Absolute numbers



Rank	locus	# genes	%	p-value
1	2 q	8	1.3	0.01
2	1 q	7	0.8	0.1
3	19 q	6	0.9	0.1
4	5 q	5	0.9	0.2
5	1 p	4	0.4	0.7
6	3 p	4	0.9	0.2
7	10 q	4	0.8	0.2
8	11 p	4	1.3	0.07
9	12 q	4	0.6	0.4
10	17 p	4	1.4	0.05
11	4 q	3	0.7	0.4
12	17 q	3	0.5	0.6
13	4 p	2	1.1	0.2
14	6 p	2	0.6	0.5
15	11 q	2	0.3	0.8
16	16 p	2	0.5	0.6
17	20 q	2	0.7	0.4
18	2 p	1	0.2	0.9
19	7 p	1	0.4	0.7
20	7 q	1	0.5	0.9
21	8 p	1	0.5	0.6
22	9 q	1	0.2	0.9
23	14 q	1	0.2	0.9
24	15 q	1	0.2	0.9
25	18 p	1	1.6	0.3
26	20 p	1	0.7	0.5
27	22 q	1	0.3	0.9
28	X q	1	0.4	0.7
29	X q	1	0.3	0.9
30	3 q	0	0	1
31	3 q	0	0	1
32	6 q	0	0	1
33	8 q	0	0	1
34	9 p	0	0	1
35	10 p	0	0	1
36	12 p	0	0	1
37	13 q	0	0	1
38	16 q	0	0	1
39	18 q	0	0	1
40	19 p	0	0	1
41	21 q	0	0	1
42	Y q	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-GBB

Relative numbers



Rank	locus	# genes	%	p-value
1	18 p	1	1.6	0.3
2	17 p	4	1.4	0.05
3	11 p	4	1.3	0.07
4	2 q	8	1.3	0.01
5	4 p	2	1.1	0.2
6	3 p	4	0.9	0.2
7	19 q	6	0.9	0.1
8	5 q	5	0.9	0.2
9	1 q	7	0.8	0.1
10	10 q	4	0.8	0.2
11	4 q	3	0.7	0.4
12	20 p	1	0.7	0.5
13	20 q	2	0.7	0.4
14	12 q	4	0.6	0.4
15	6 p	2	0.6	0.5
16	16 p	2	0.5	0.6
17	8 p	1	0.5	0.6
18	17 q	3	0.5	0.6
19	1 p	4	0.4	0.7
20	7 p	1	0.4	0.7
21	X p	1	0.4	0.7
22	11 q	2	0.3	0.8
23	X q	3	0.3	0.9
24	22 q	1	0.3	0.9
25	2 p	1	0.2	0.9
26	19 q	1	0.2	0.9
27	7 q	1	0.2	0.9
28	15 q	1	0.2	0.9
29	14 q	1	0.2	0.9
30	3 q	0	0	1
31	5 p	0	0	1
32	6 q	0	0	1
33	8 q	0	0	1
34	9 p	0	0	1
35	10 p	0	0	1
36	12 p	0	0	1
37	13 q	0	0	1
38	16 q	0	0	1
39	18 q	0	0	1
40	19 p	0	0	1
41	21 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot n

genes in spot = 341 (328 with loci information)

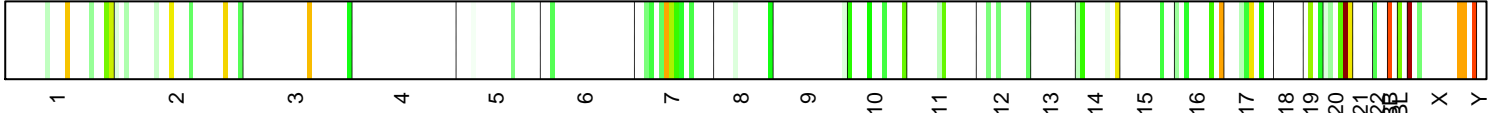
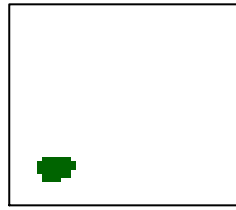
samples with spot = 21 (7.6 %)

Atypical : 8 (10.8 %)

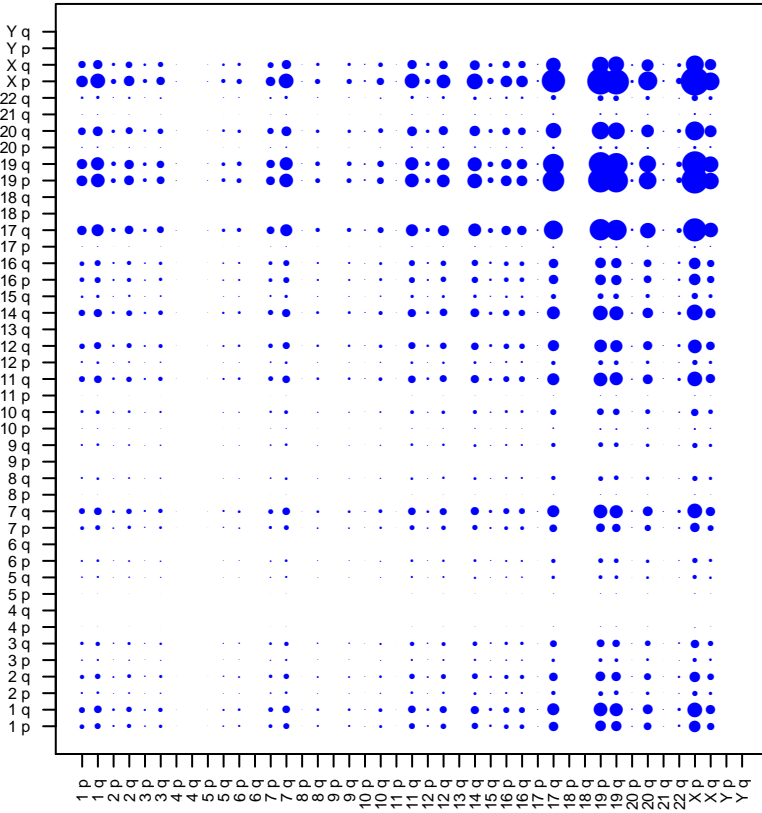
Classical : 1 (3.1 %)

Mesenchymal : 8 (9.4 %)

Basal : 4 (4.8 %)



Absolute numbers

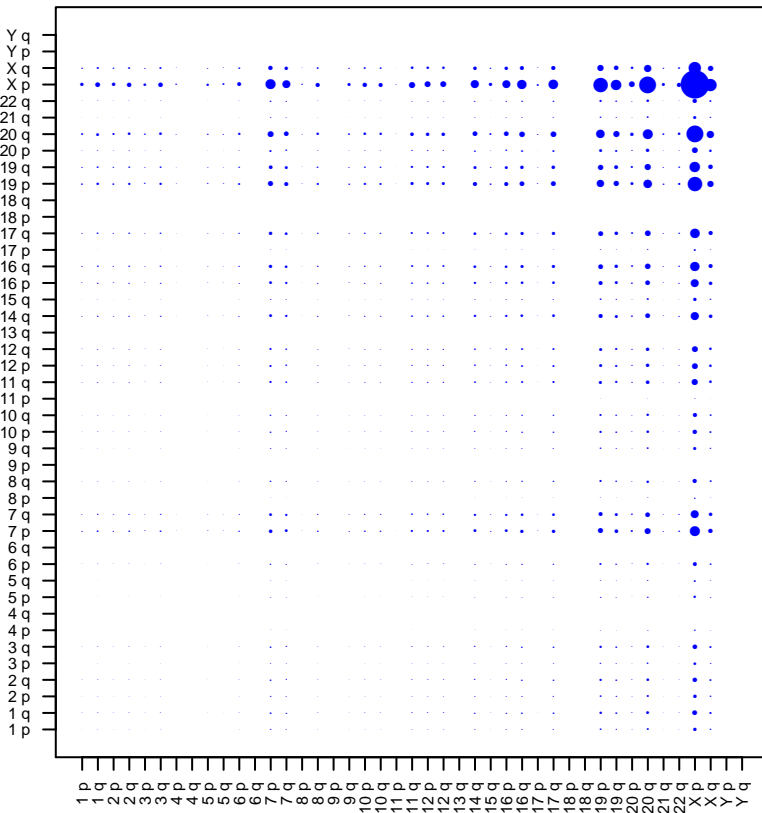


Rank locus # genes % p-value

Rank	locus	# genes	%	p-value
1	X p	27	10	2e-11
2	19 p	25	5.1	4e-05
3	19 q	24	3.7	0.006
4	17 q	22	3.4	0.02
5	20 q	18	5.9	8e-05
6	X q	17	4.3	0.004
7	14 q	15	3.5	0.09
8	1 q	14	1.7	0.8
9	7 q	14	2.8	0.2
10	11 q	14	2.2	0.5
11	12 q	13	2.1	0.6
12	1 p	11	1.2	1
13	16 p	11	2.8	0.2
14	16 q	11	3.3	0.09
15	2 q	10	1.6	0.9
16	7 p	9	3.5	0.09
17	3 q	8	1.1	0.8
18	10 q	7	1.5	0.9
19	15 q	6	1.1	1
20	8 q	5	1.5	0.8
21	2 p	5	1.2	0.9
22	6 p	5	1.4	0.9
23	8 p	5	1.5	0.8
24	9 q	5	1.1	1
25	12 p	5	2.1	0.6
26	3 p	4	0.9	1
27	5 q	4	0.7	1
28	20 p	3	2	0.6
29	10 p	3	1.6	0.8
30	17 p	2	0.7	1
31	21 q	2	1.1	0.9
32	4 p	1	0.5	1
33	5 p	1	0.9	0.9
34	8 p	1	0.5	1
35	11 p	1	0.3	1
36	4 q	0	0	1
37	6 q	0	0	1
38	9 p	0	0	1
39	13 q	0	0	1
40	18 p	0	0	1
41	18 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

H3CHR6-MHC-DBP

Relative numbers

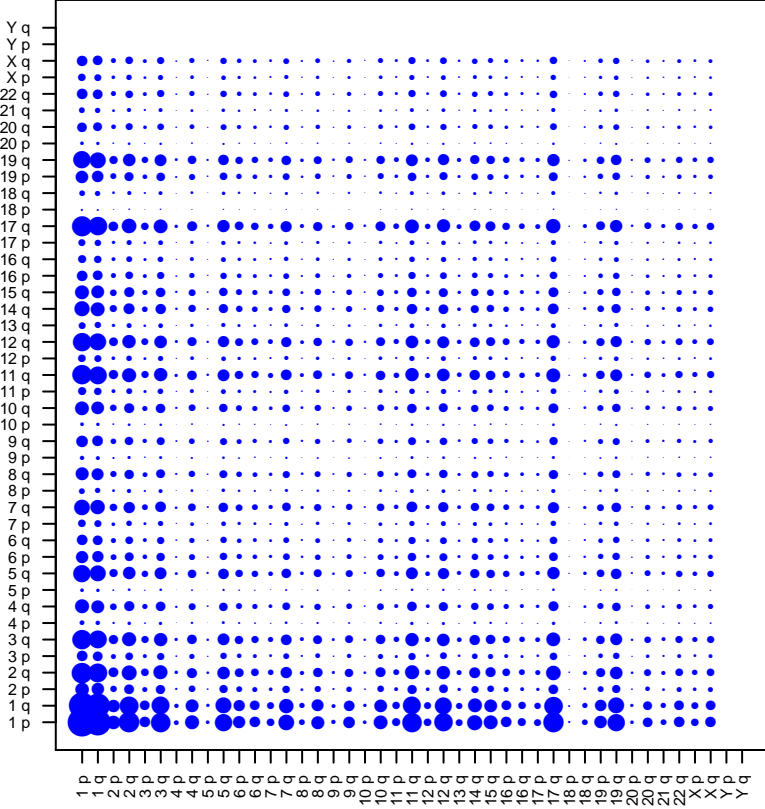


Rank locus # genes % p-value

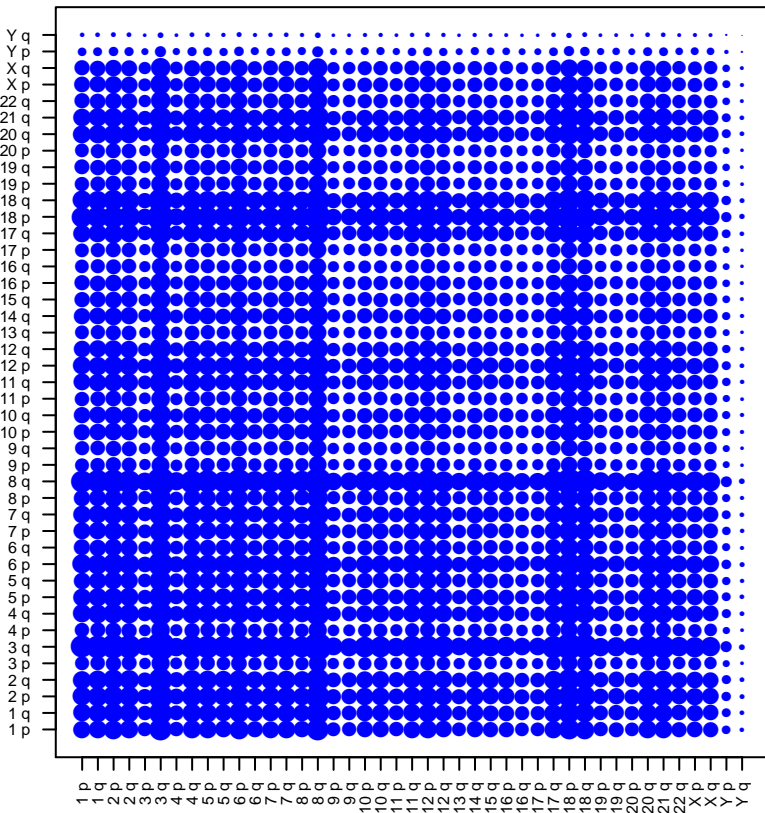
Rank	locus	# genes	%	p-value
1	X p	27	10	2e-11
2	20 q	18	5.9	8e-05
3	19 p	25	5.1	4e-05
4	17 q	22	3.4	0.02
5	19 q	24	3.7	0.006
6	7 p	9	3.5	0.09
7	17 q	22	3.4	0.02
8	16 q	11	3.3	0.09
9	14 q	15	2.9	0.1
10	16 p	11	2.2	0.5
11	7 q	14	2.8	0.2
12	11 q	14	2.2	0.5
13	12 q	13	2.1	0.6
14	12 p	5	2.1	0.6
15	20 p	3	2	0.6
16	1 q	14	1.7	0.8
17	3 q	8	1.6	0.8
18	2 q	10	1.6	0.9
19	10 p	2	1.6	0.8
20	8 q	5	1.5	0.8
21	2 p	5	1.5	0.8
22	6 p	5	1.4	0.9
23	8 p	5	1.5	0.9
24	9 q	5	1.2	1
25	1 p	11	2.2	1
26	15 q	6	1.2	1
27	9 q	5	1.1	1
28	21 q	2	1.1	0.9
29	3 p	4	0.9	1
30	5 p	1	0.9	0.9
31	17 p	2	0.7	1
32	5 q	4	0.7	1
33	4 p	1	0.5	1
34	8 p	1	0.5	1
35	11 p	1	0.3	1
36	4 q	0	0	1
37	6 q	0	0	1
38	9 p	0	0	1
39	13 q	0	0	1
40	18 p	0	0	1
41	18 q	0	0	1
42	Y p	0	0	1
43	Y q	0	0	1

Spot summary

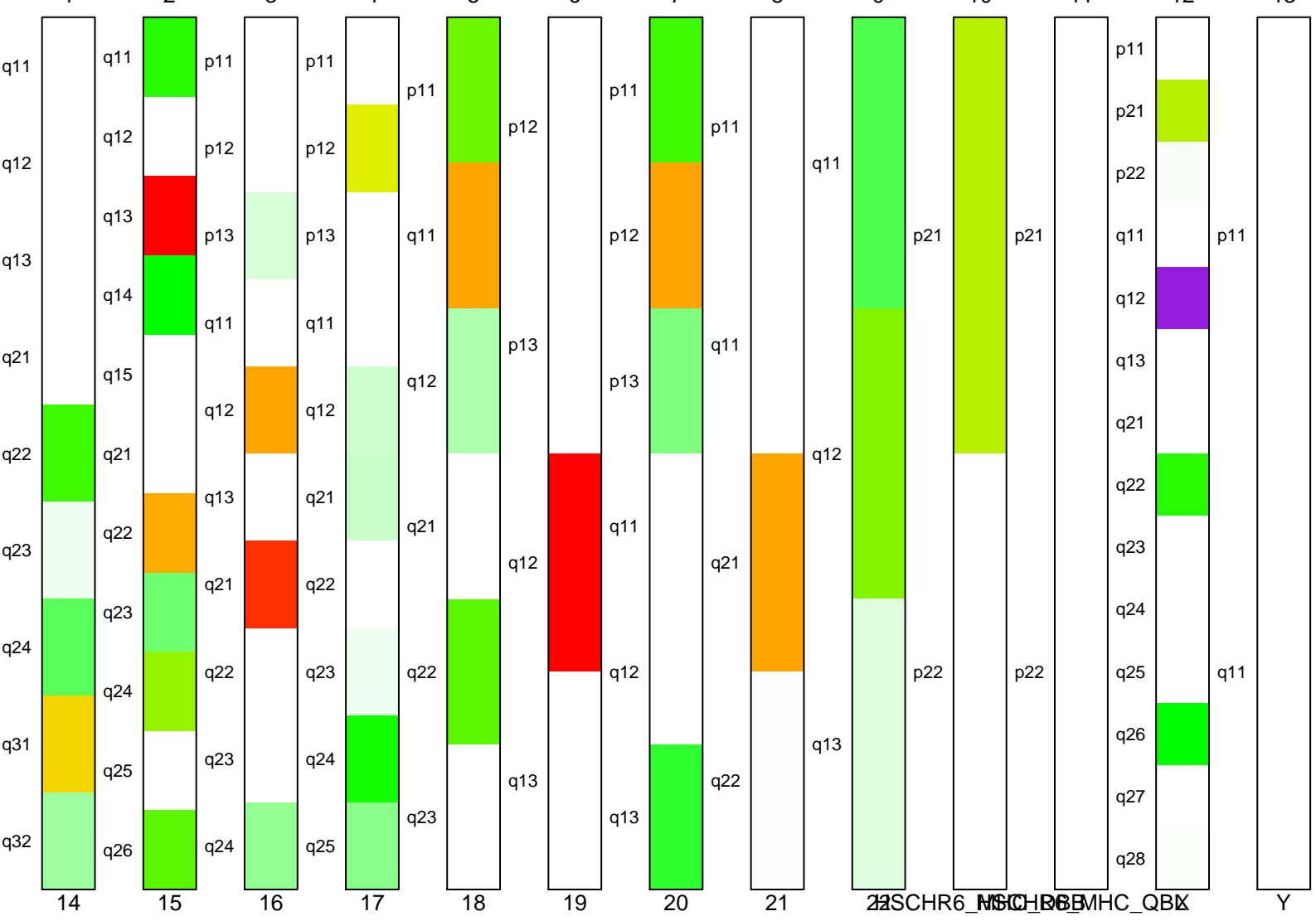
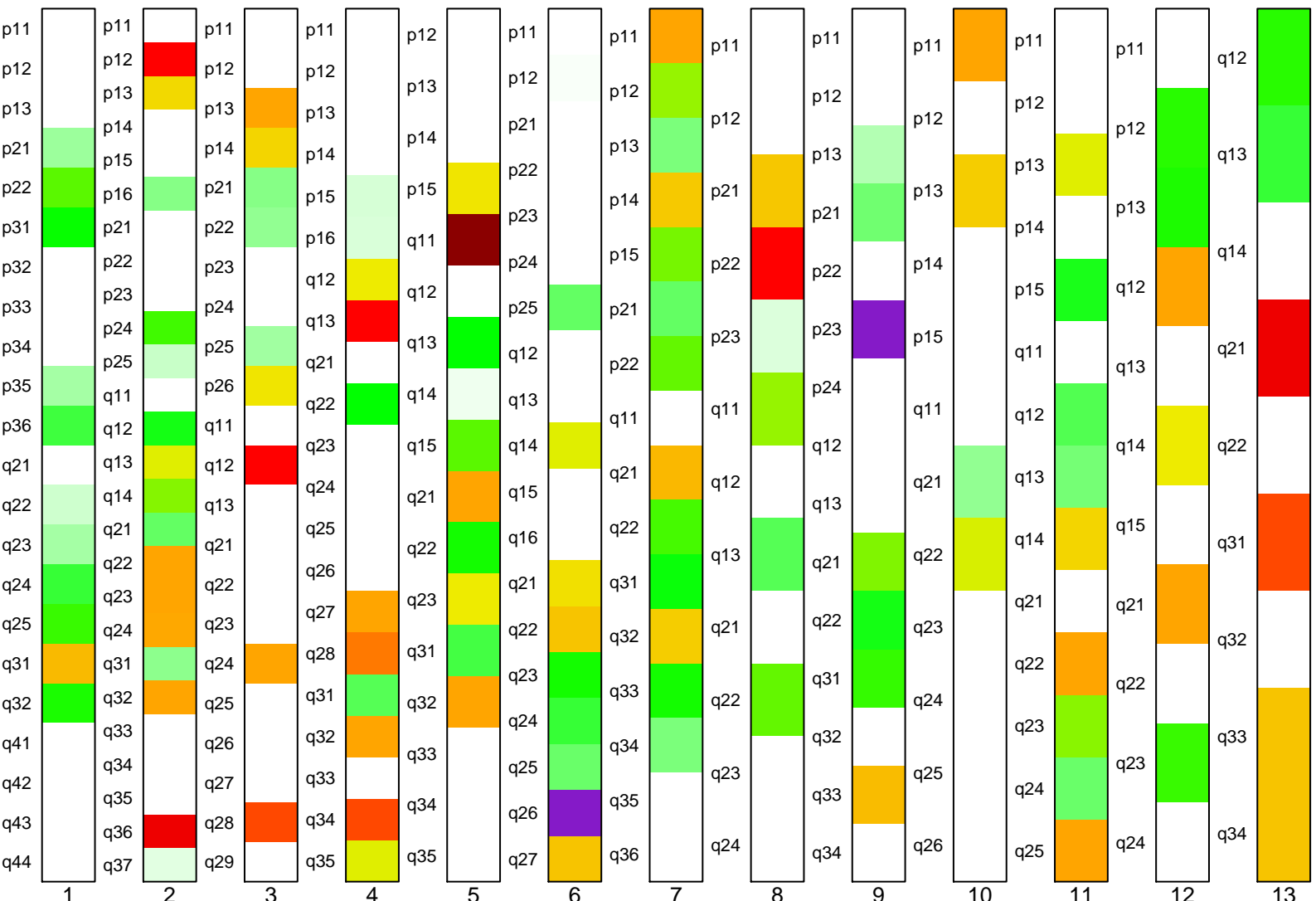
Absolute numbers



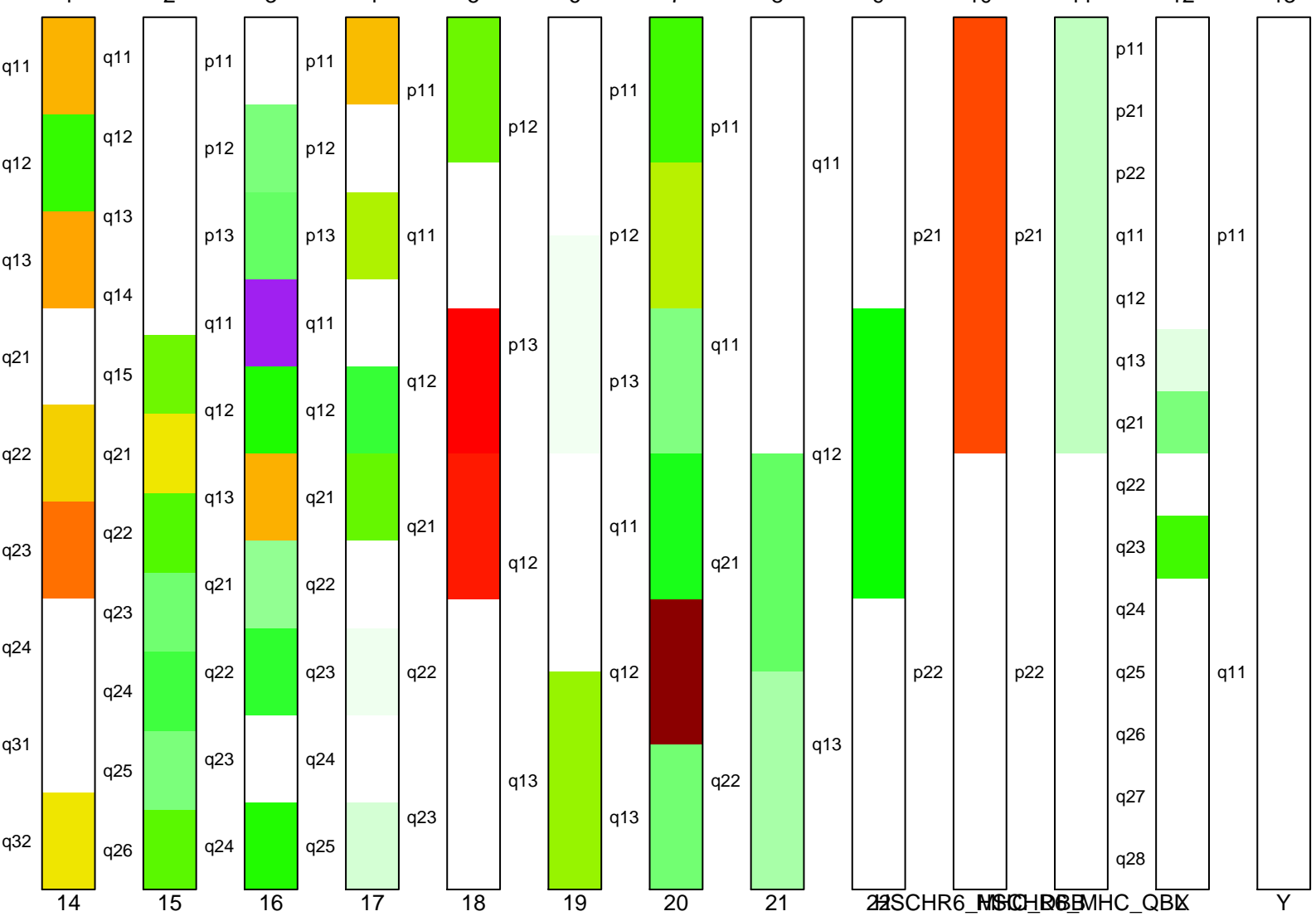
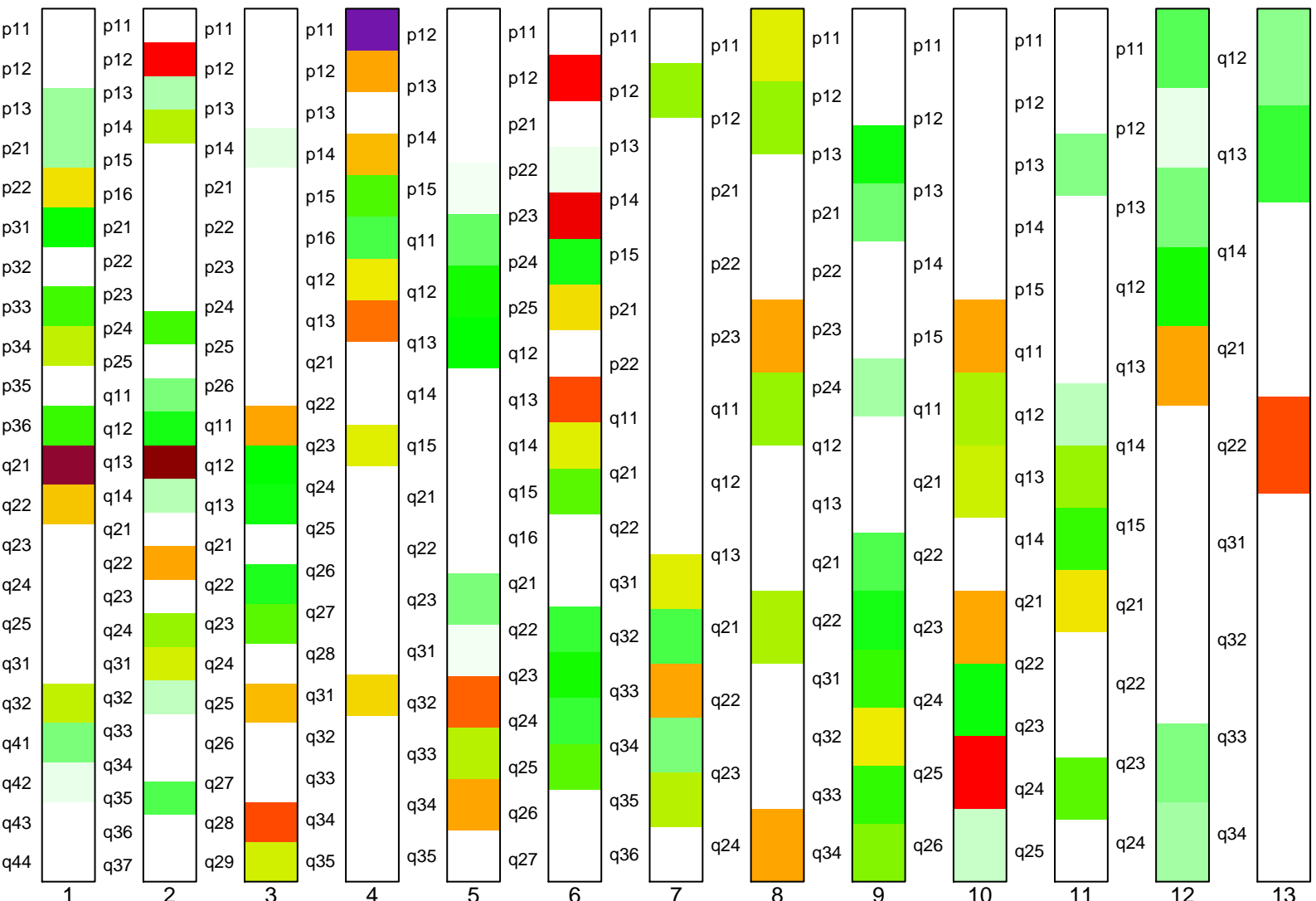
Relative numbers



Spot a

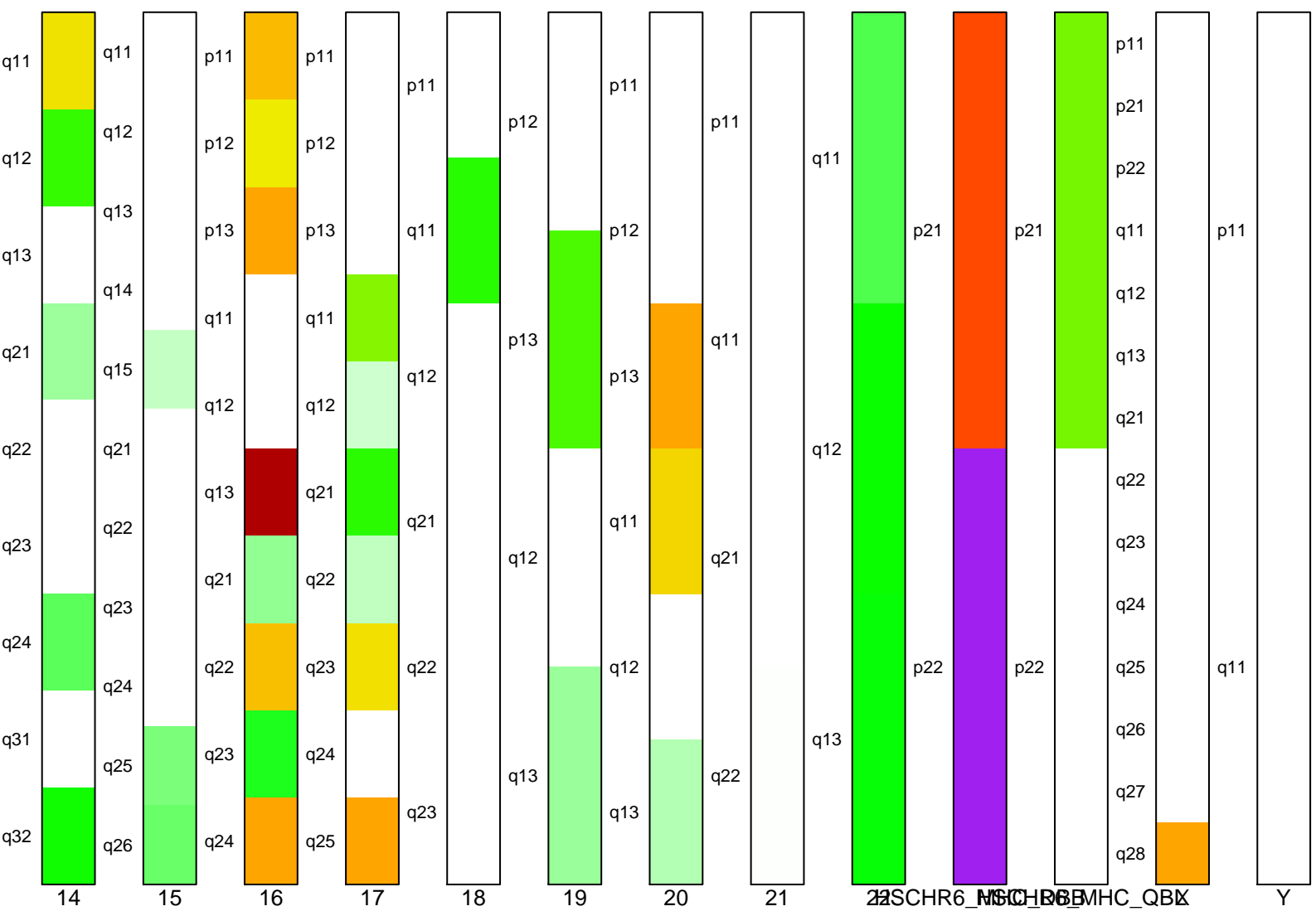
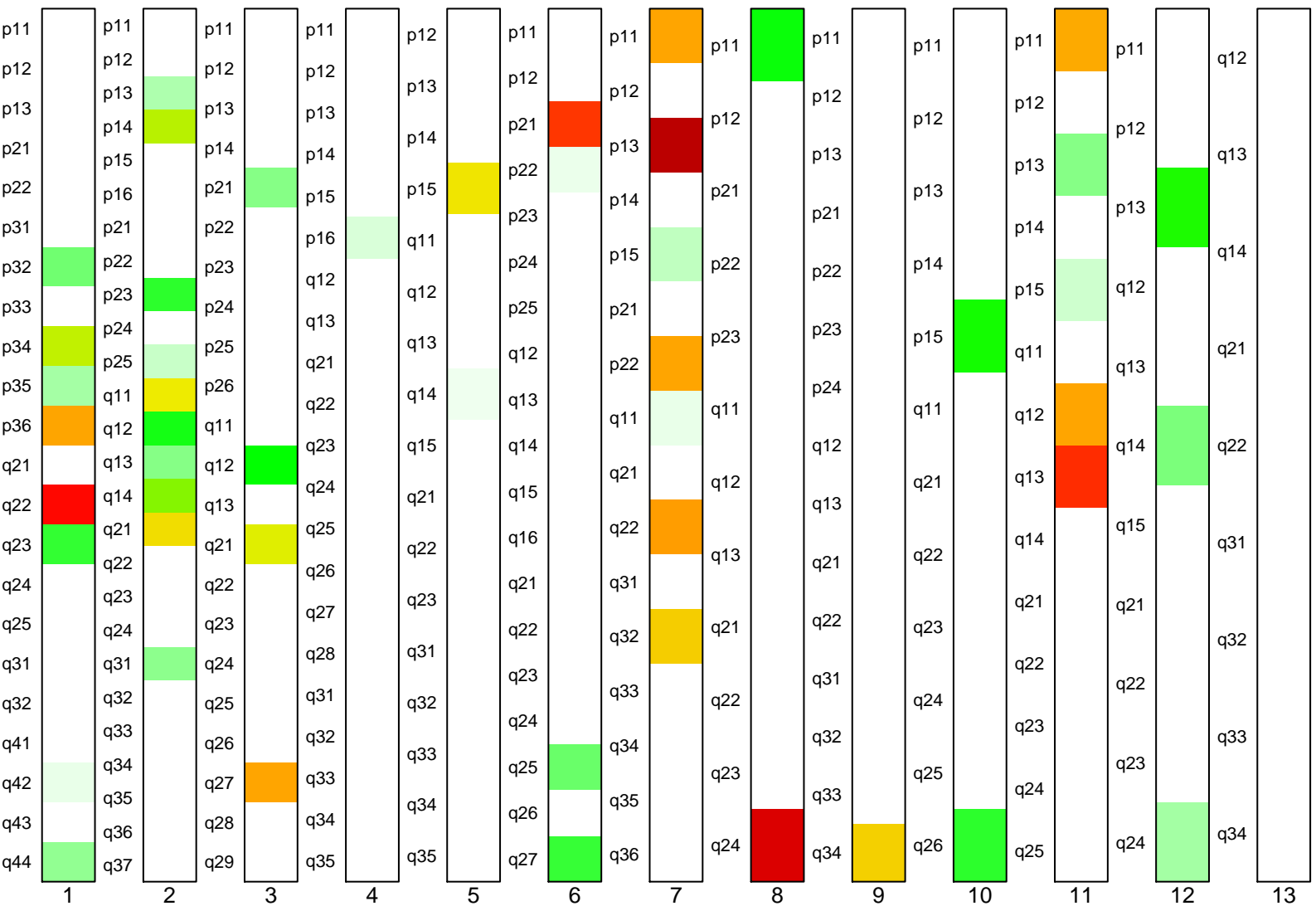


Spot b

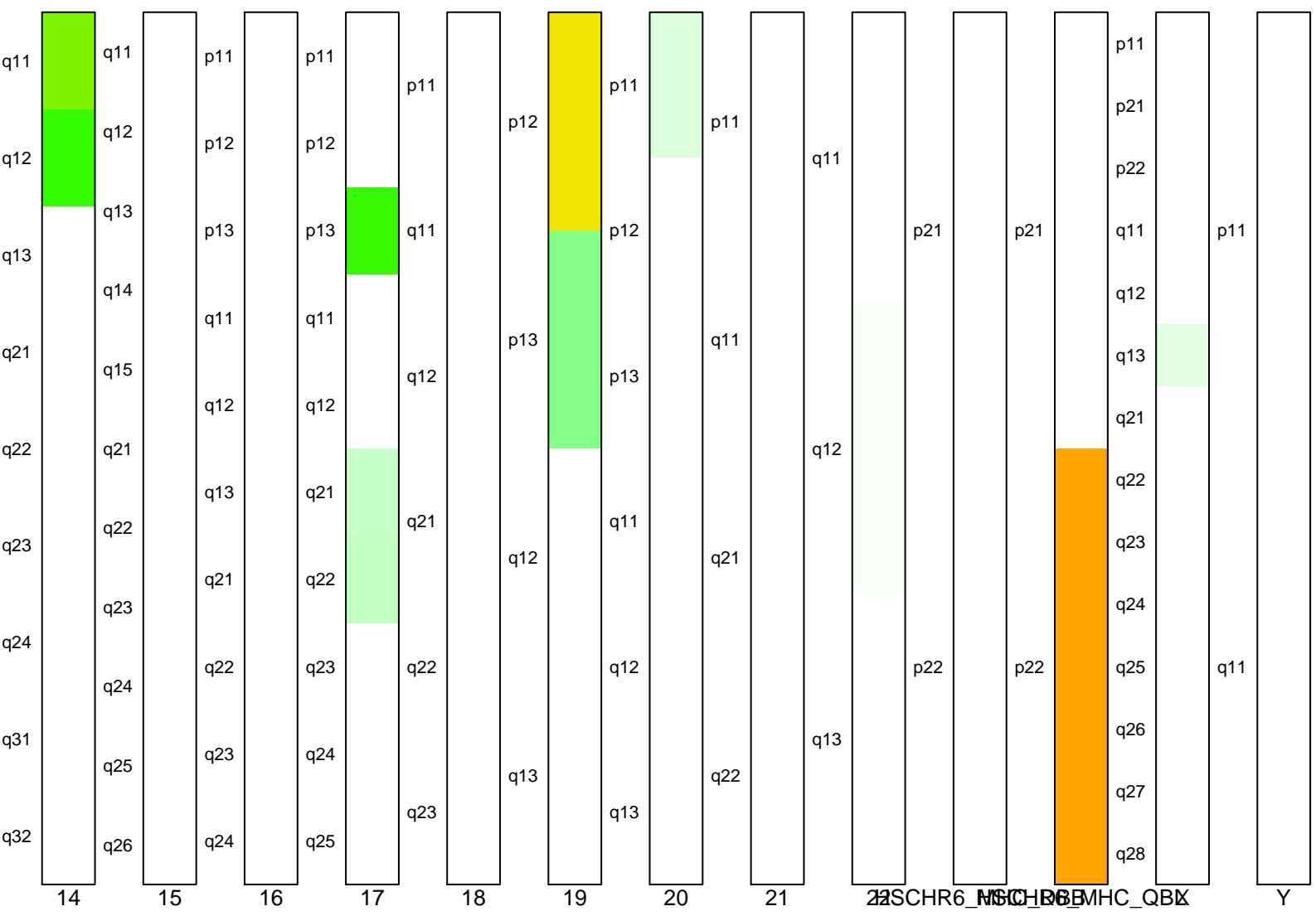
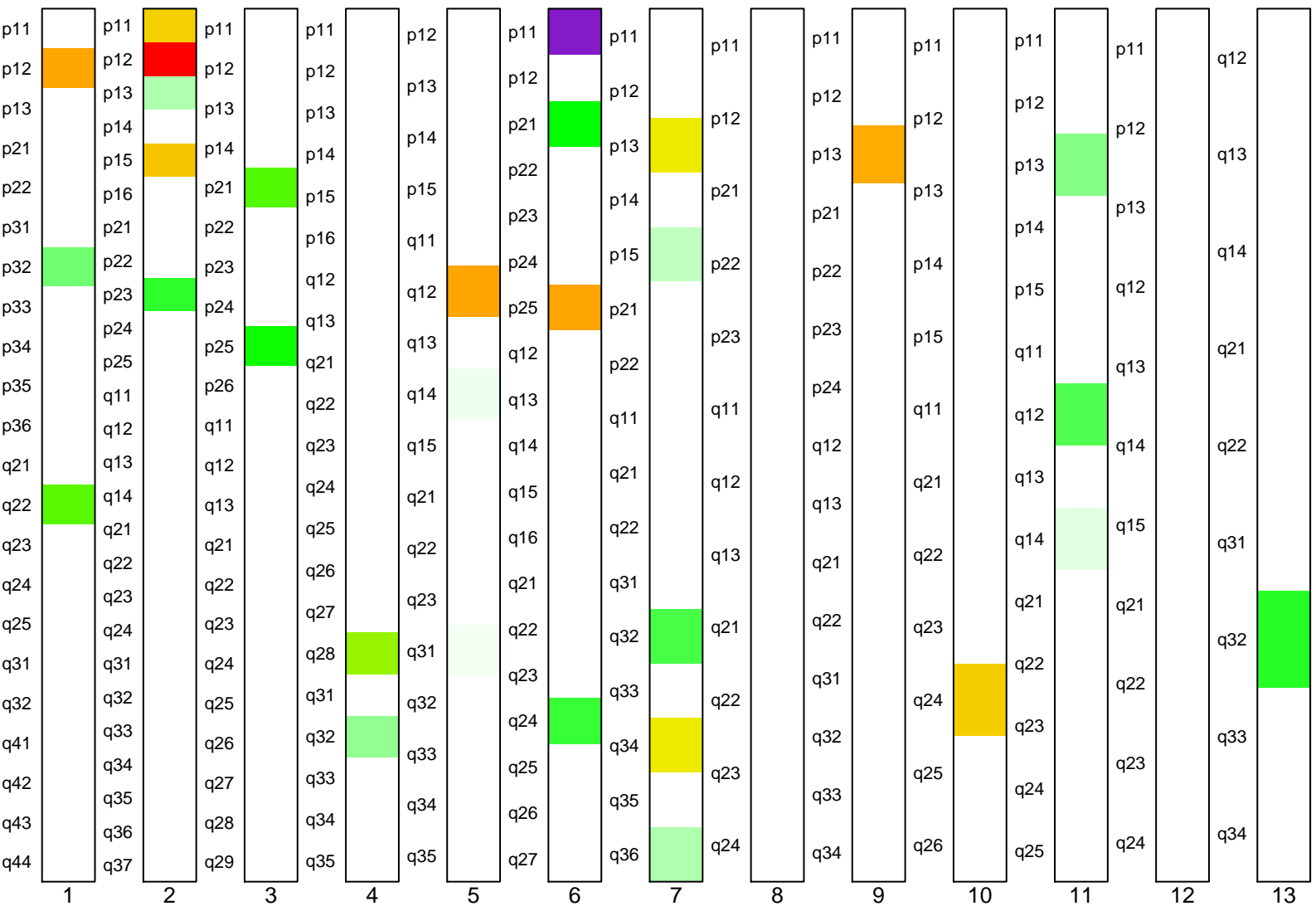


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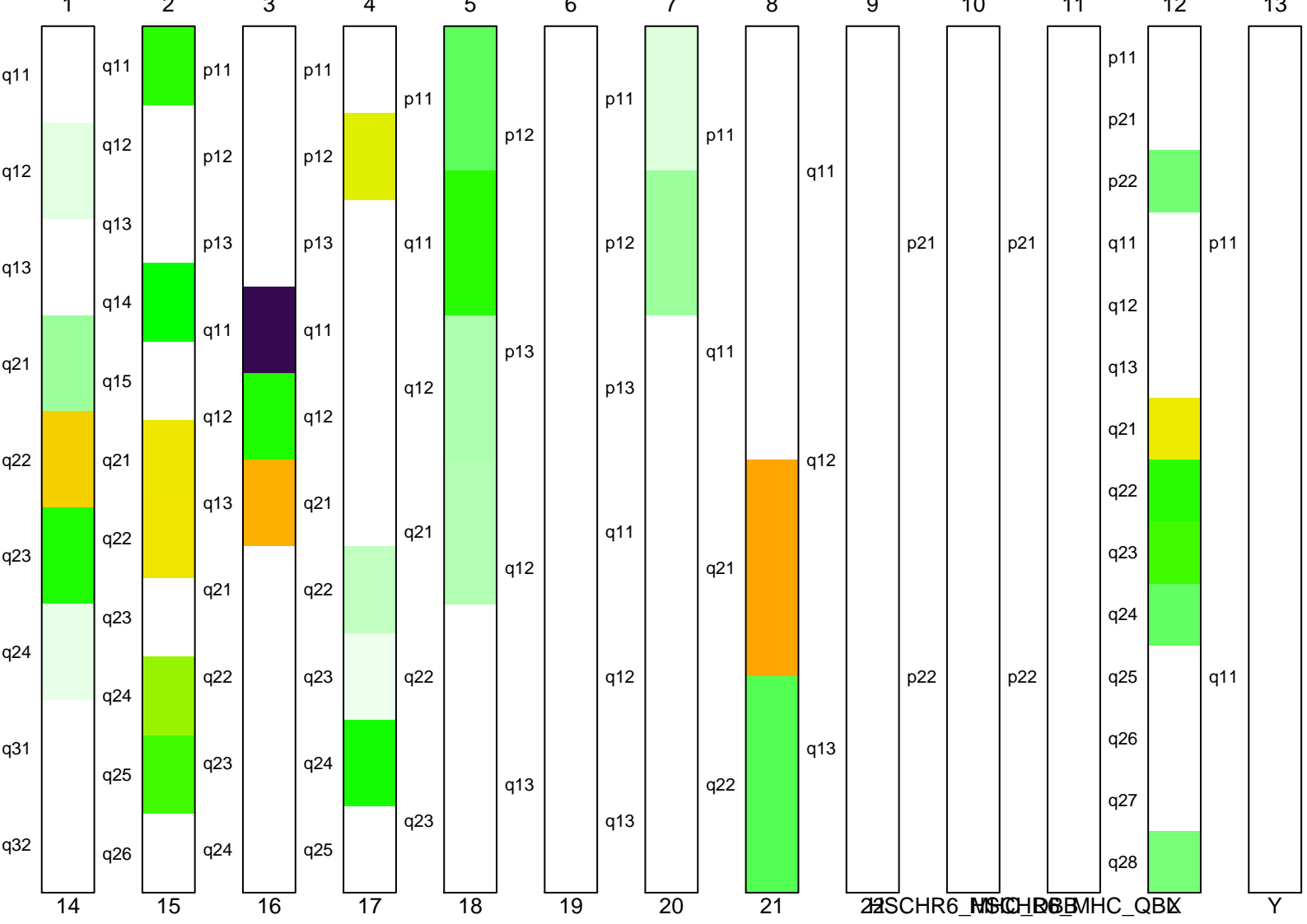
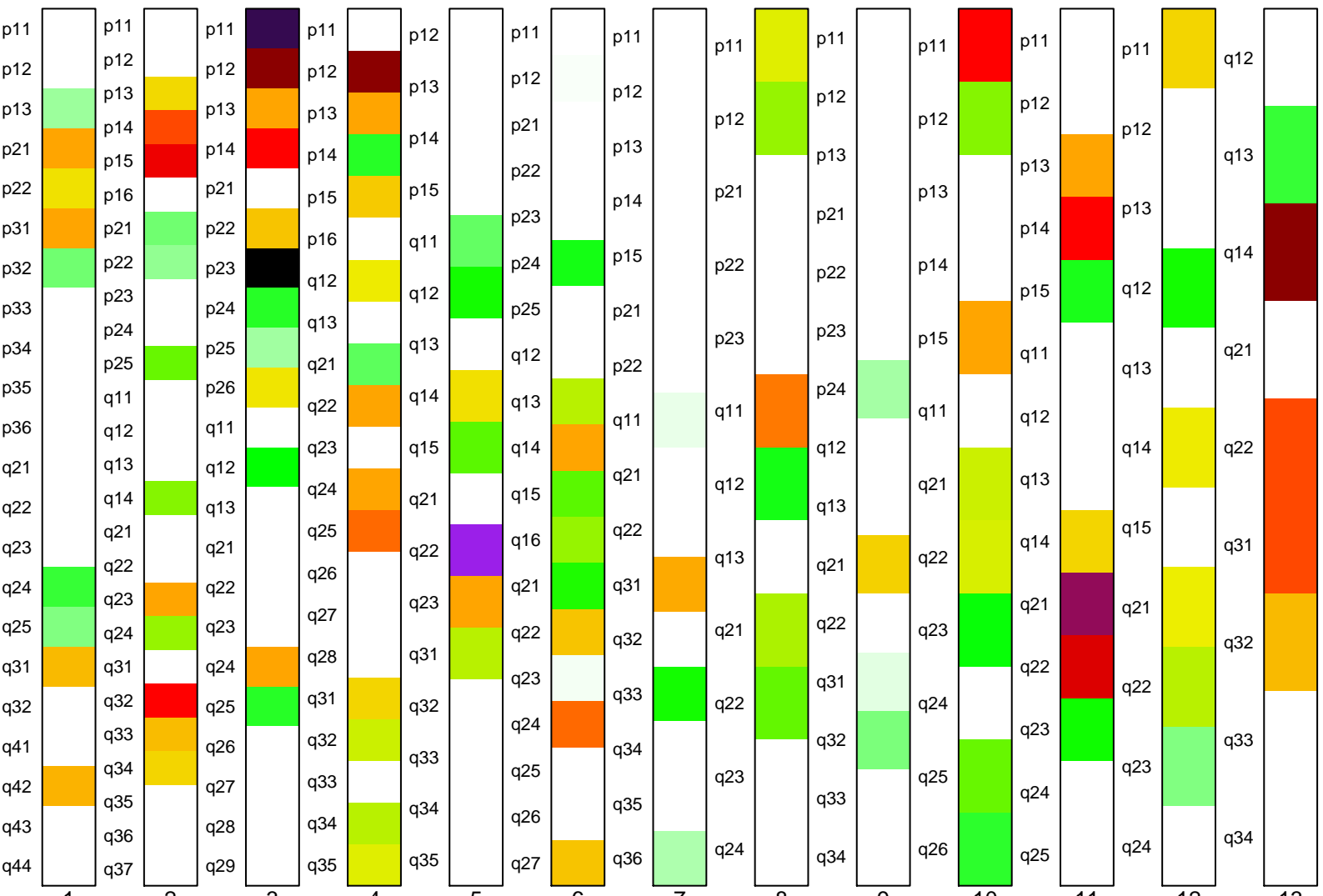
Spot c



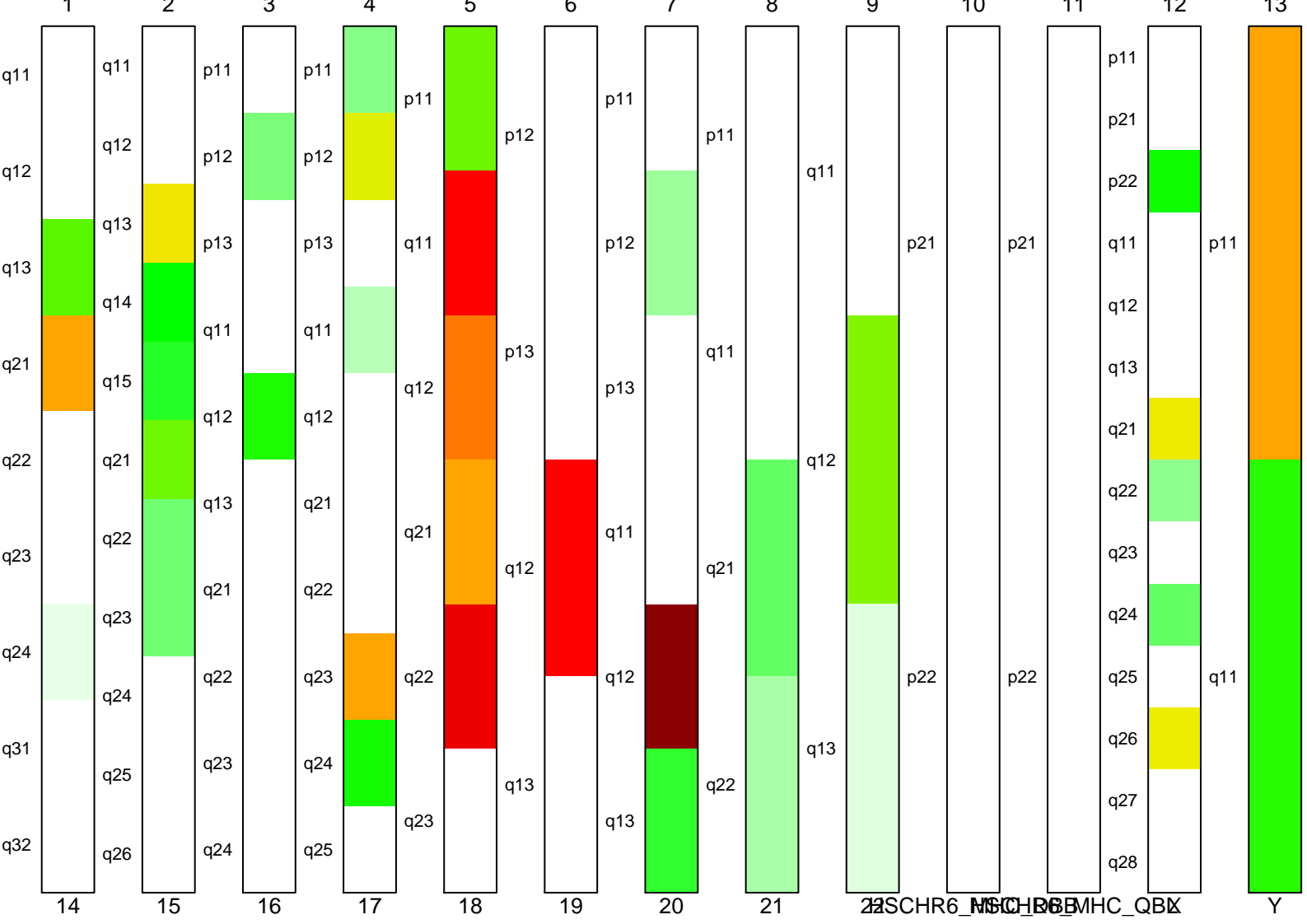
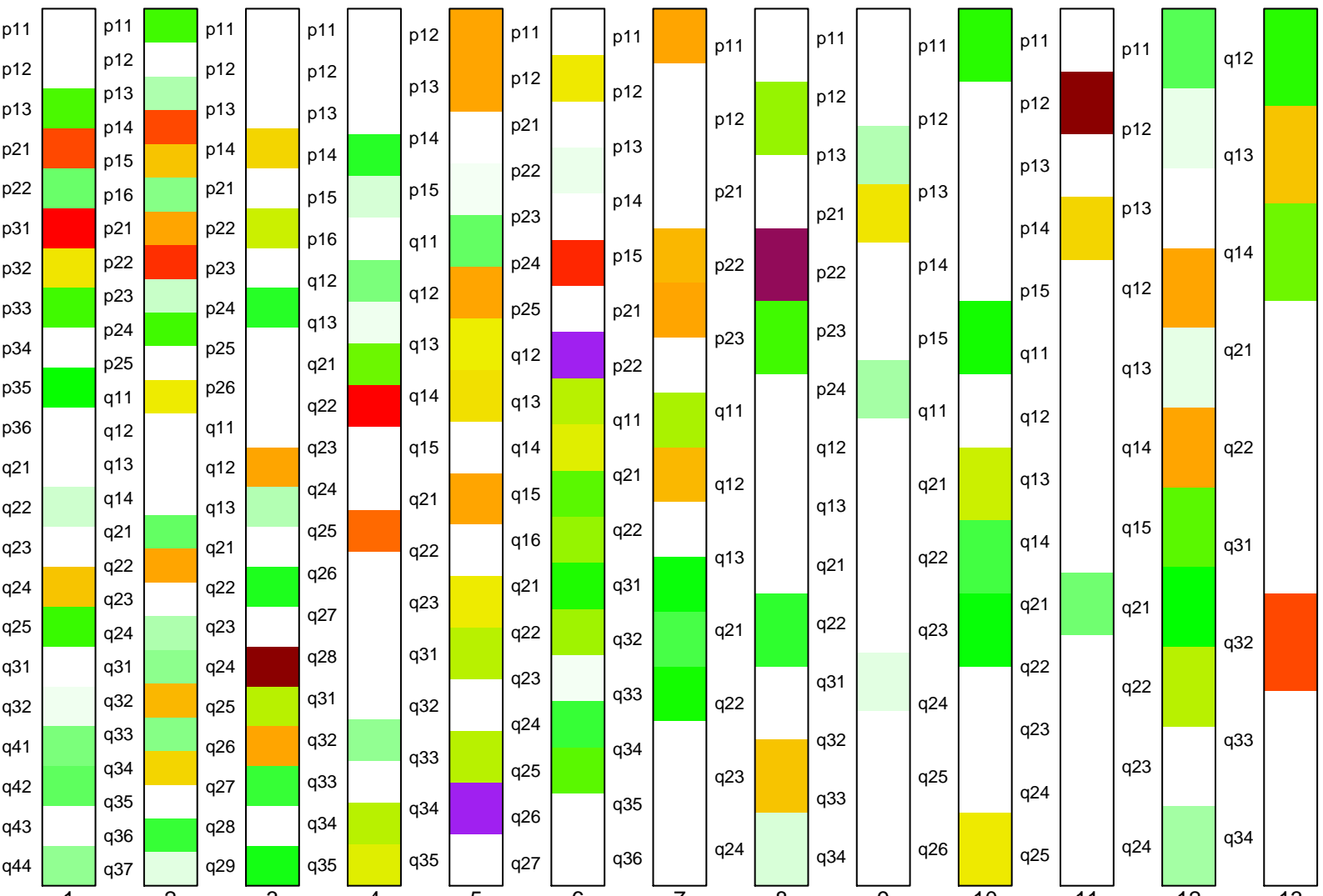
Spot e



Spot f

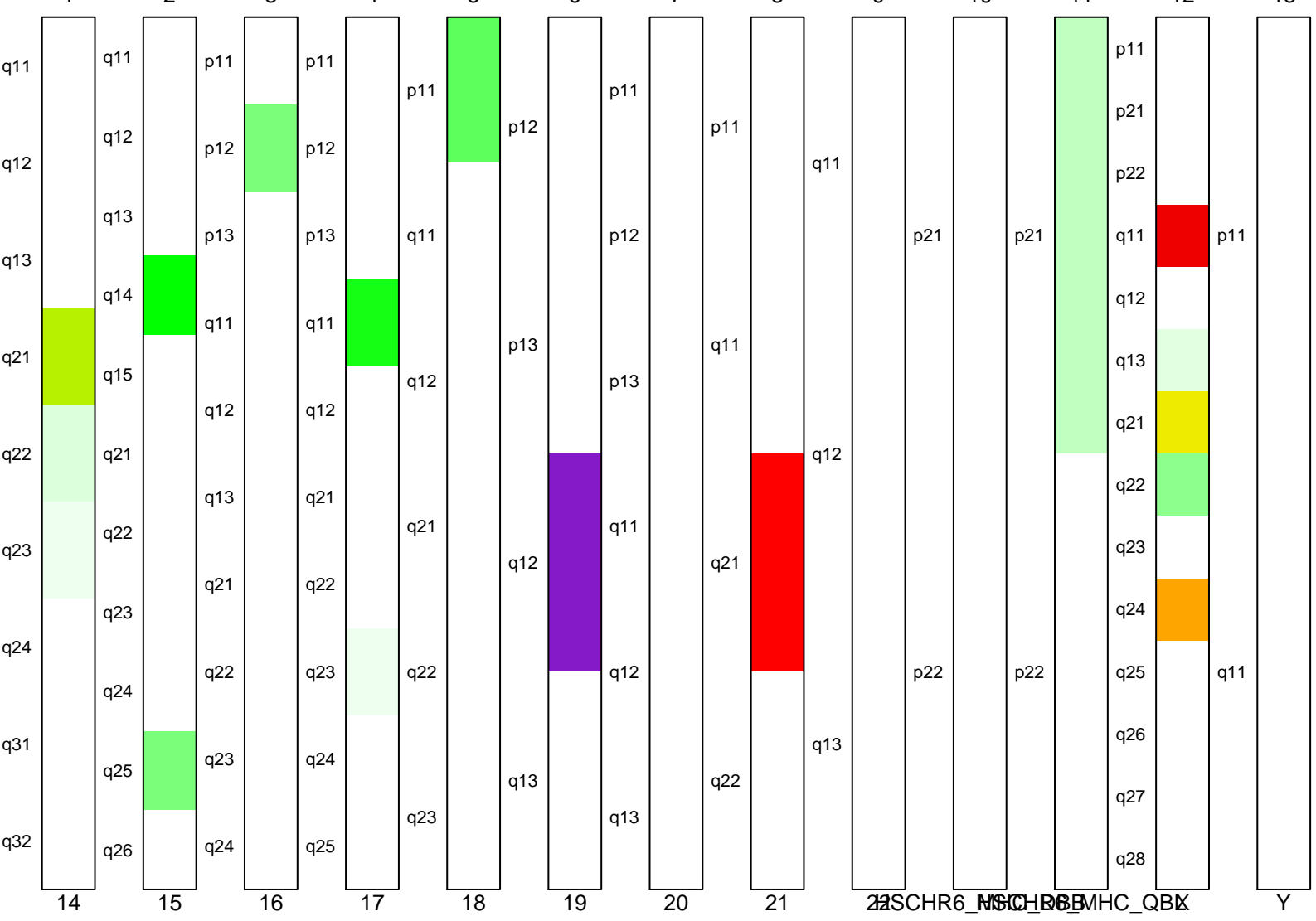
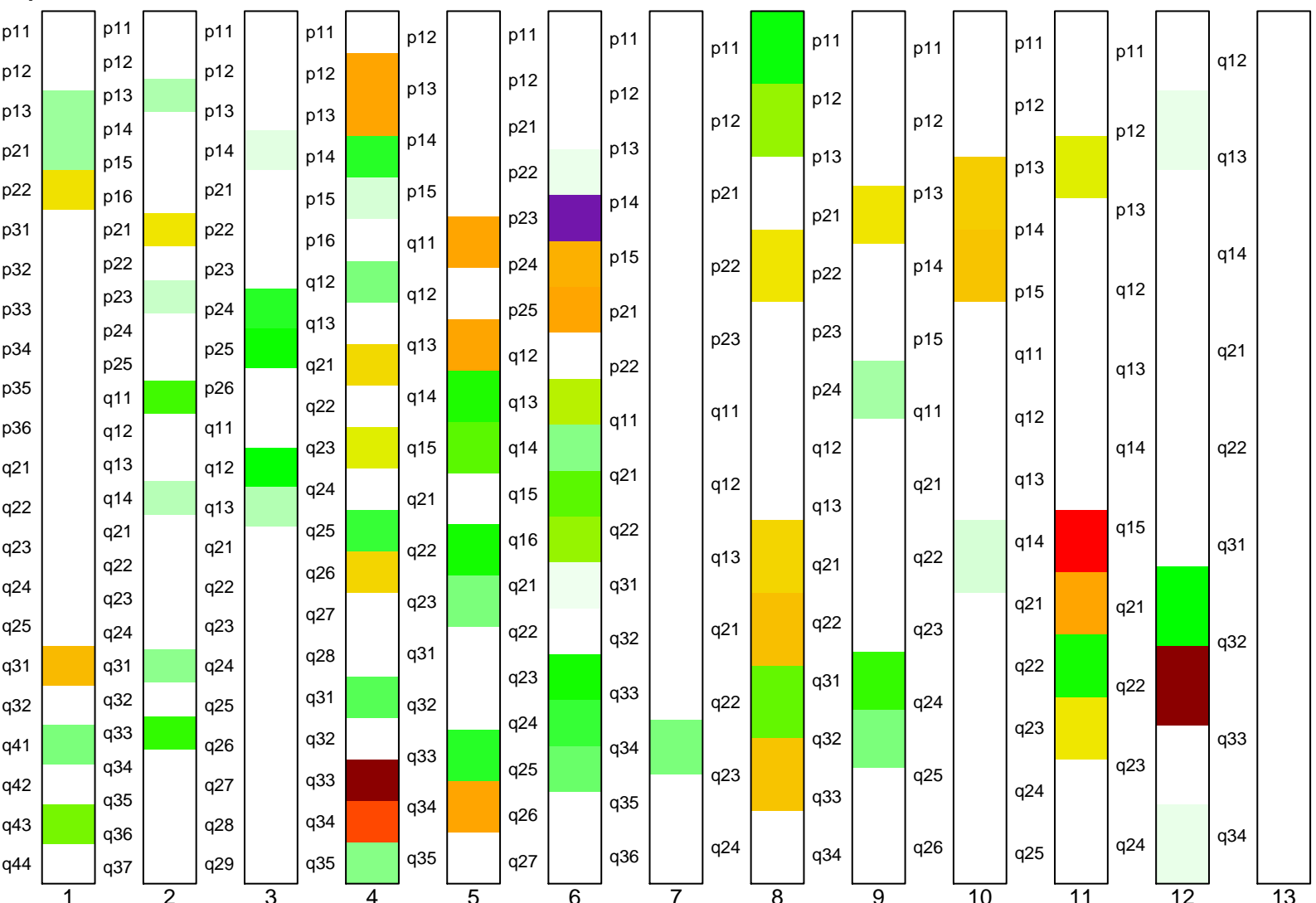


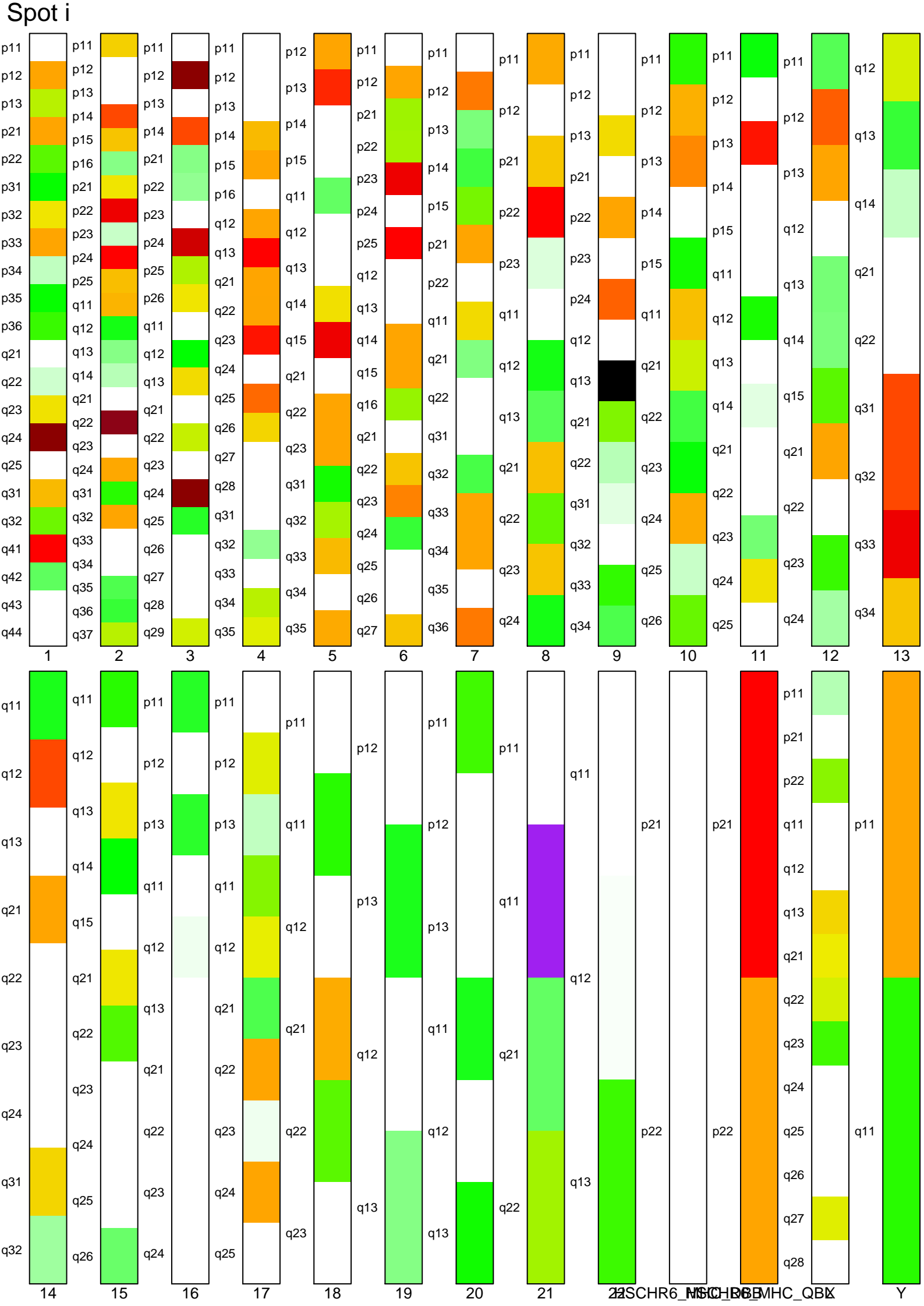
Spot g



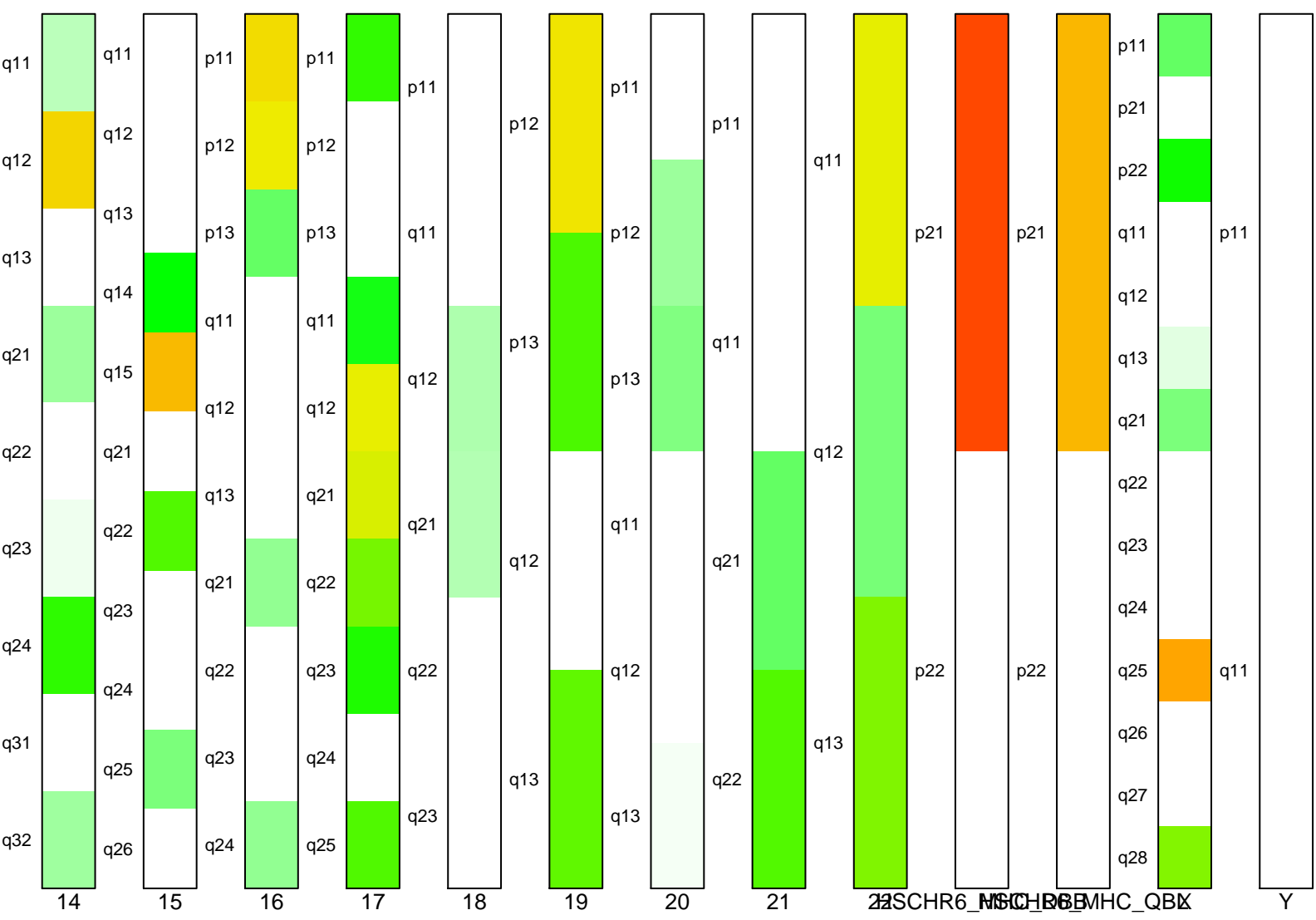
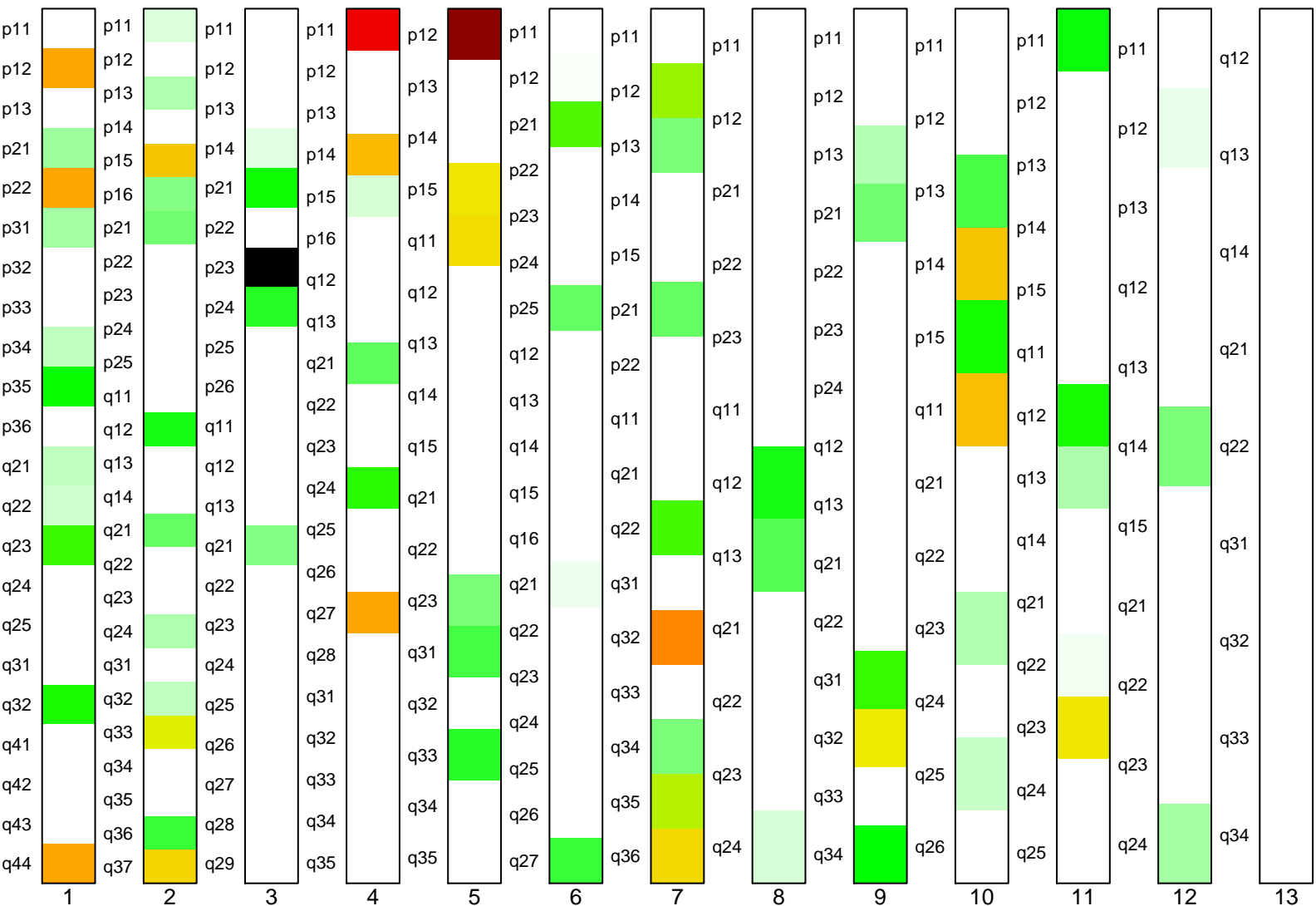
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Spot h

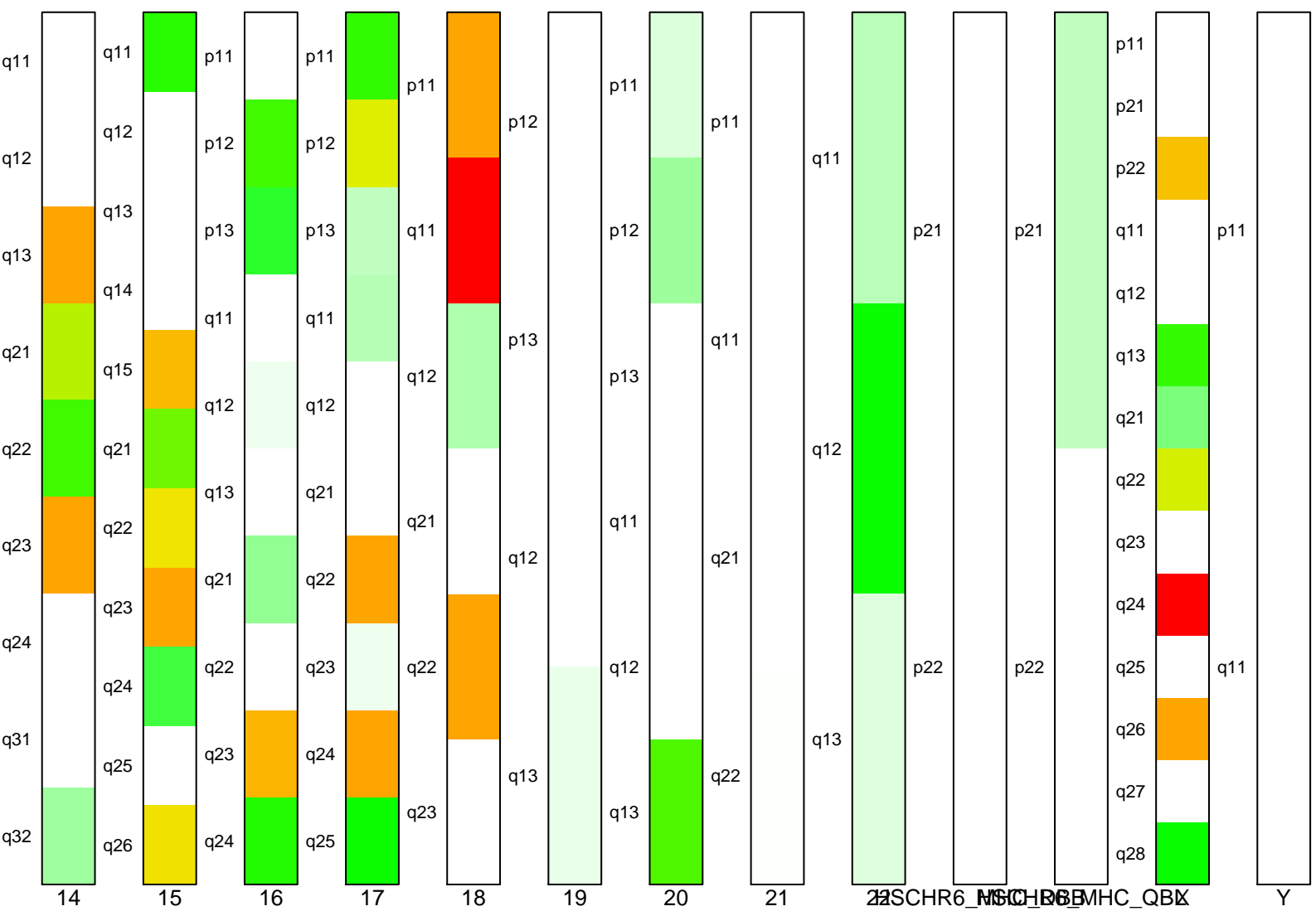
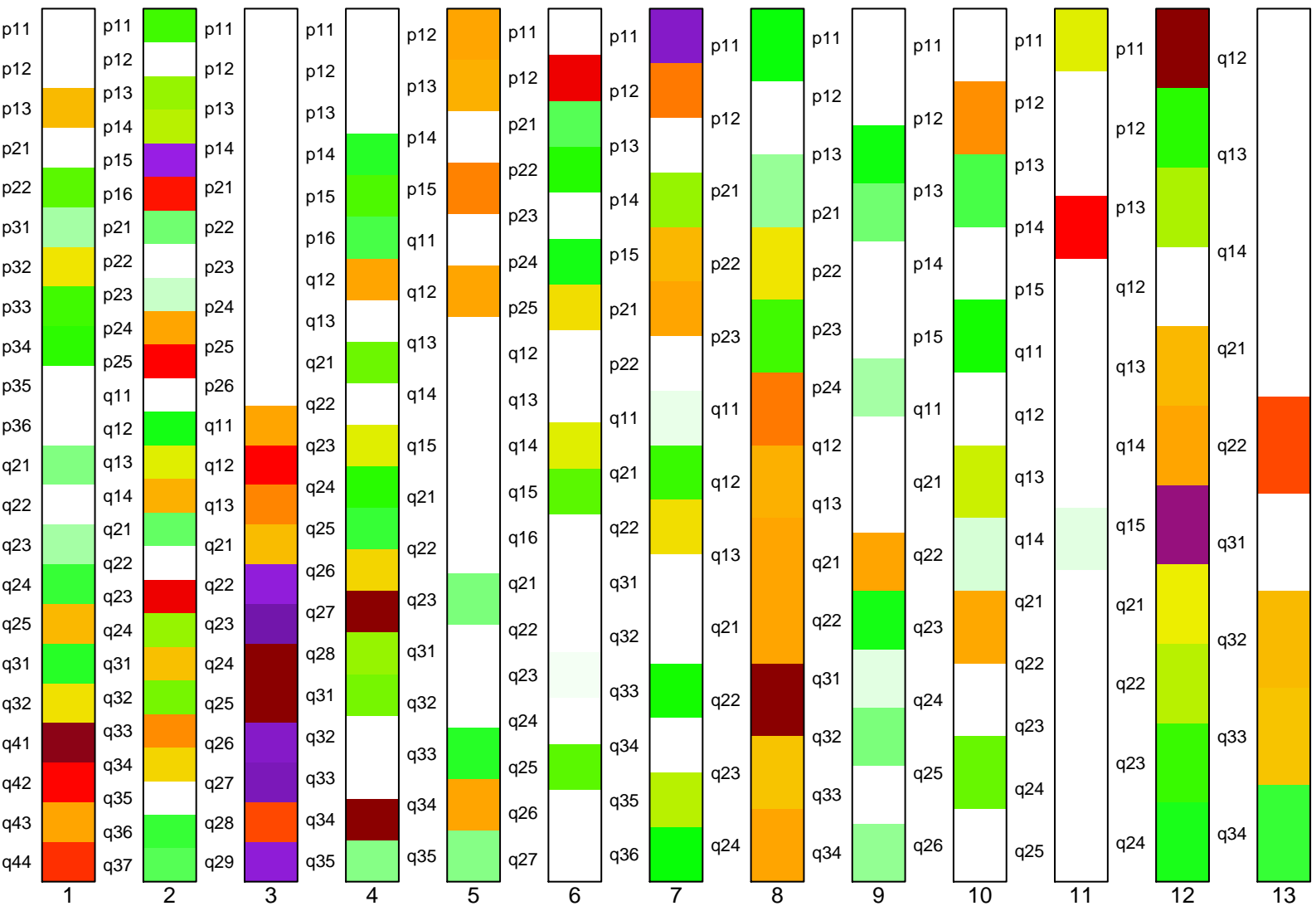




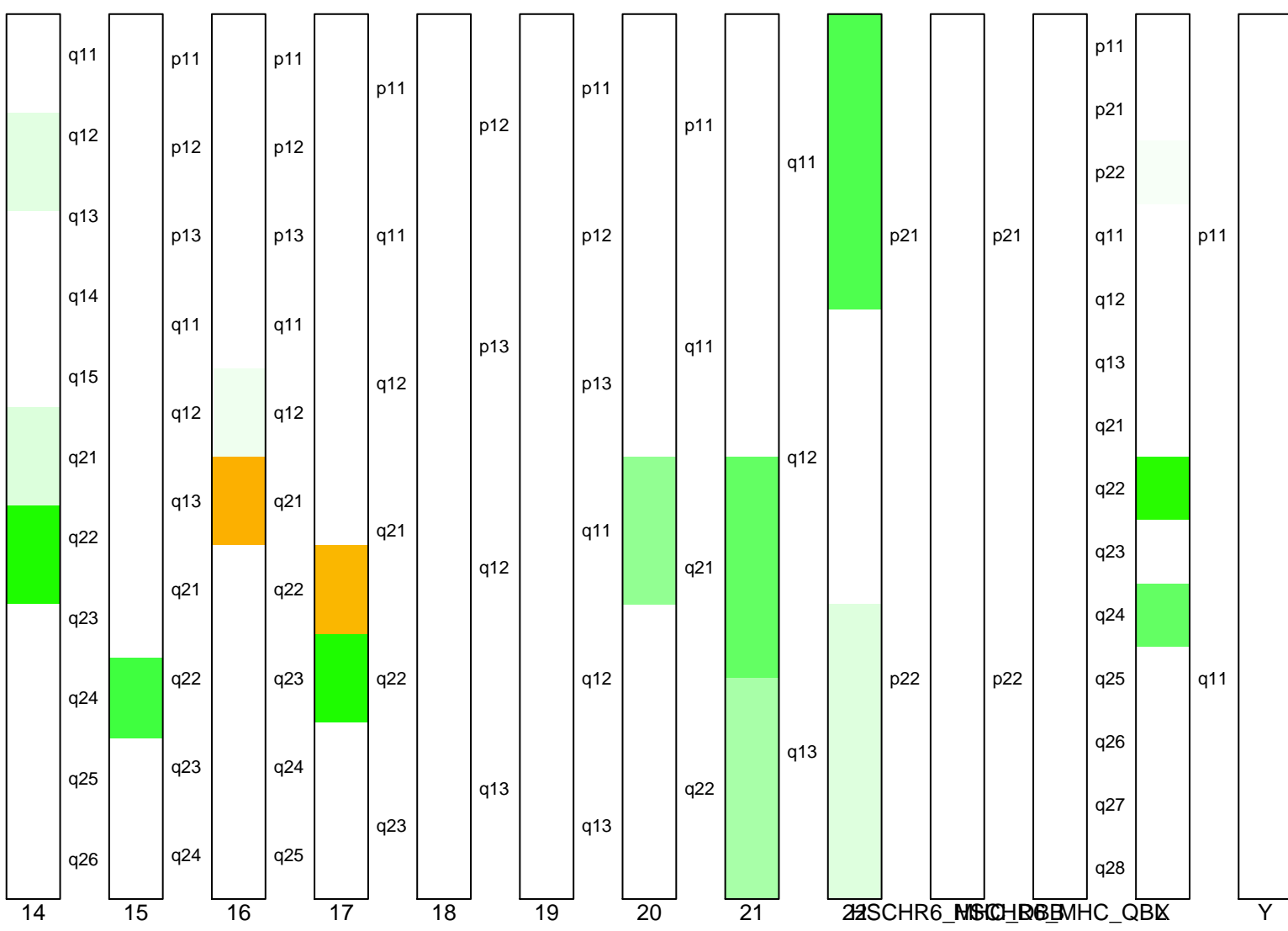
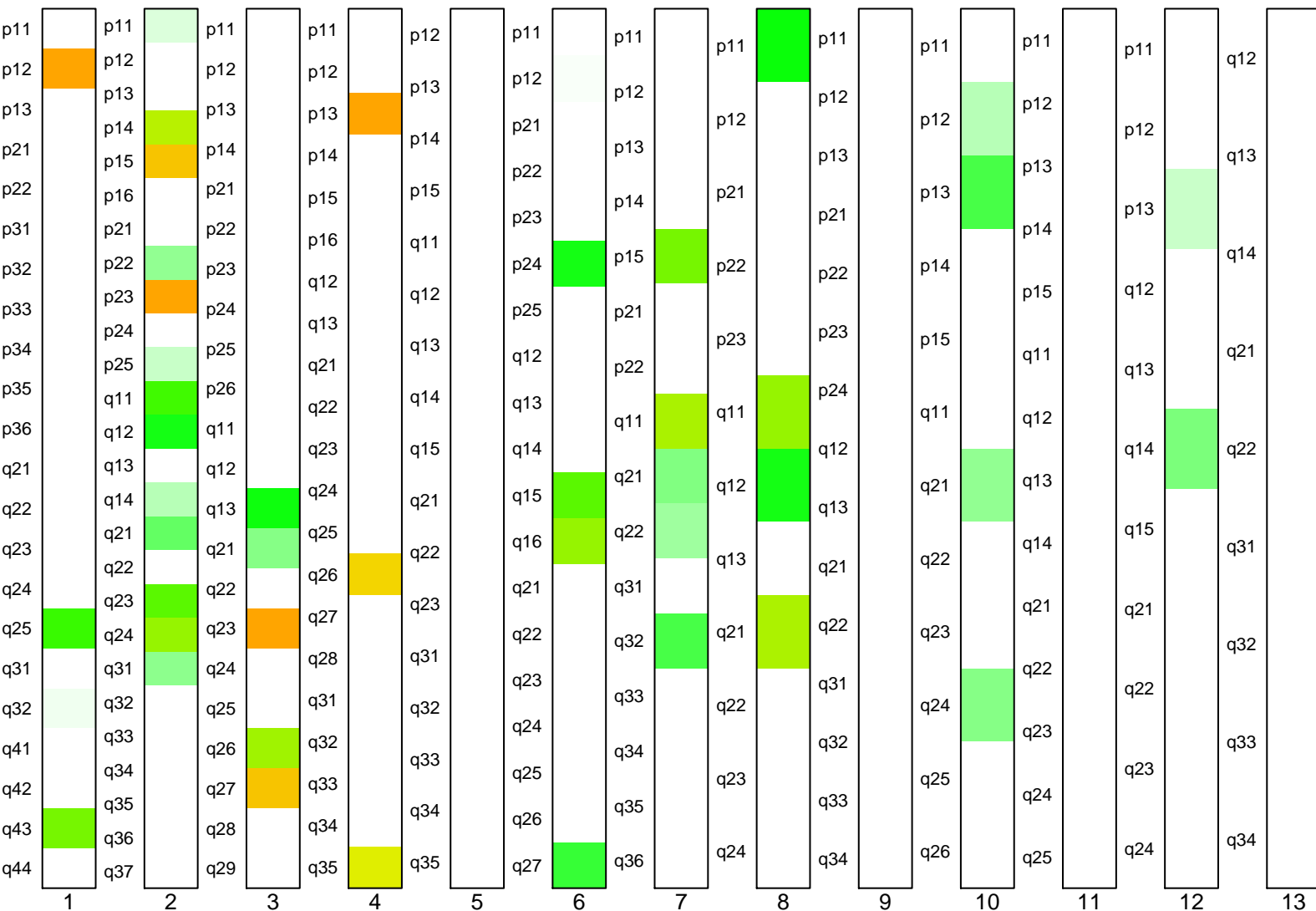
Spot j



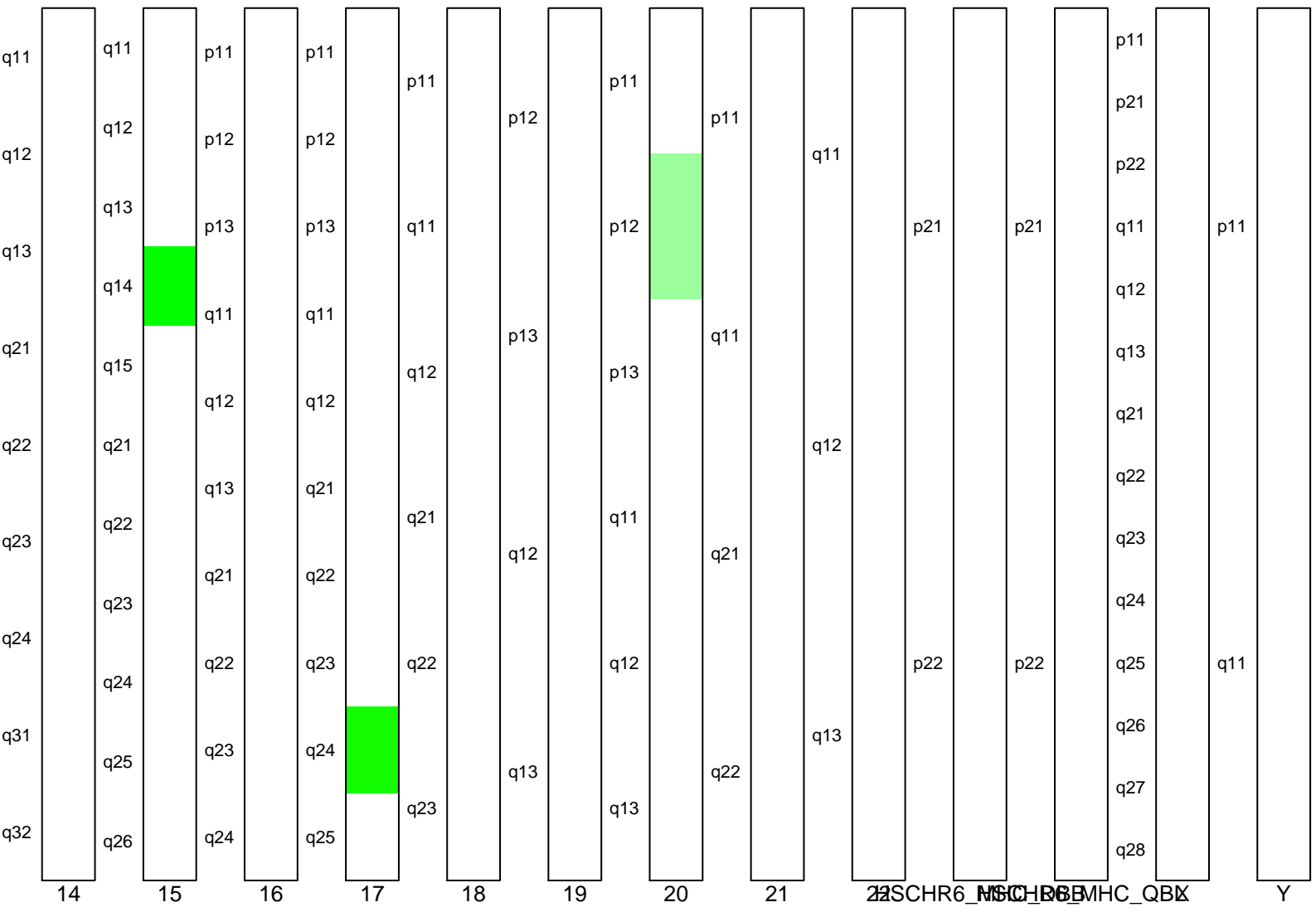
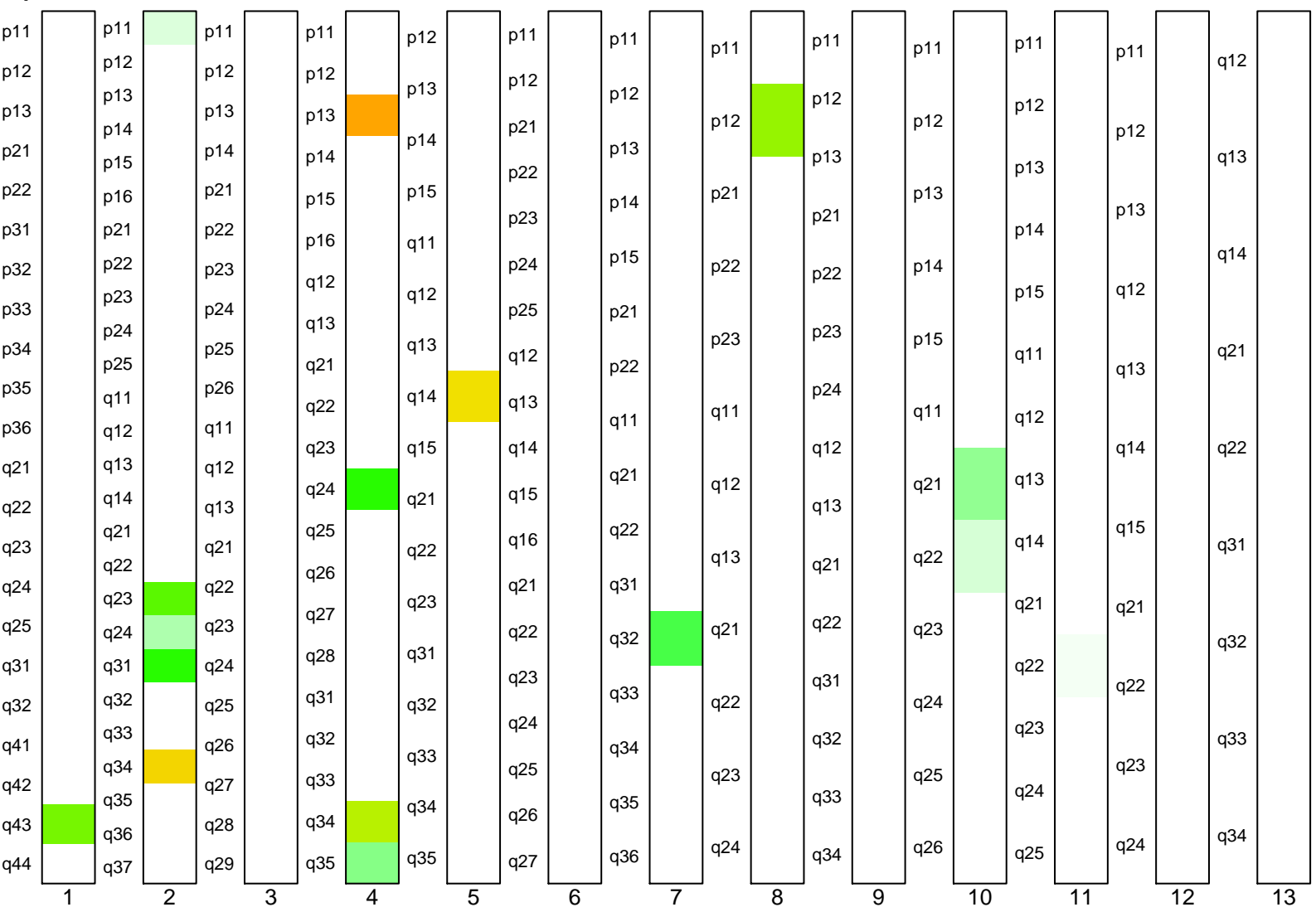
Spot k



Spot I



Spot m



Spot n

