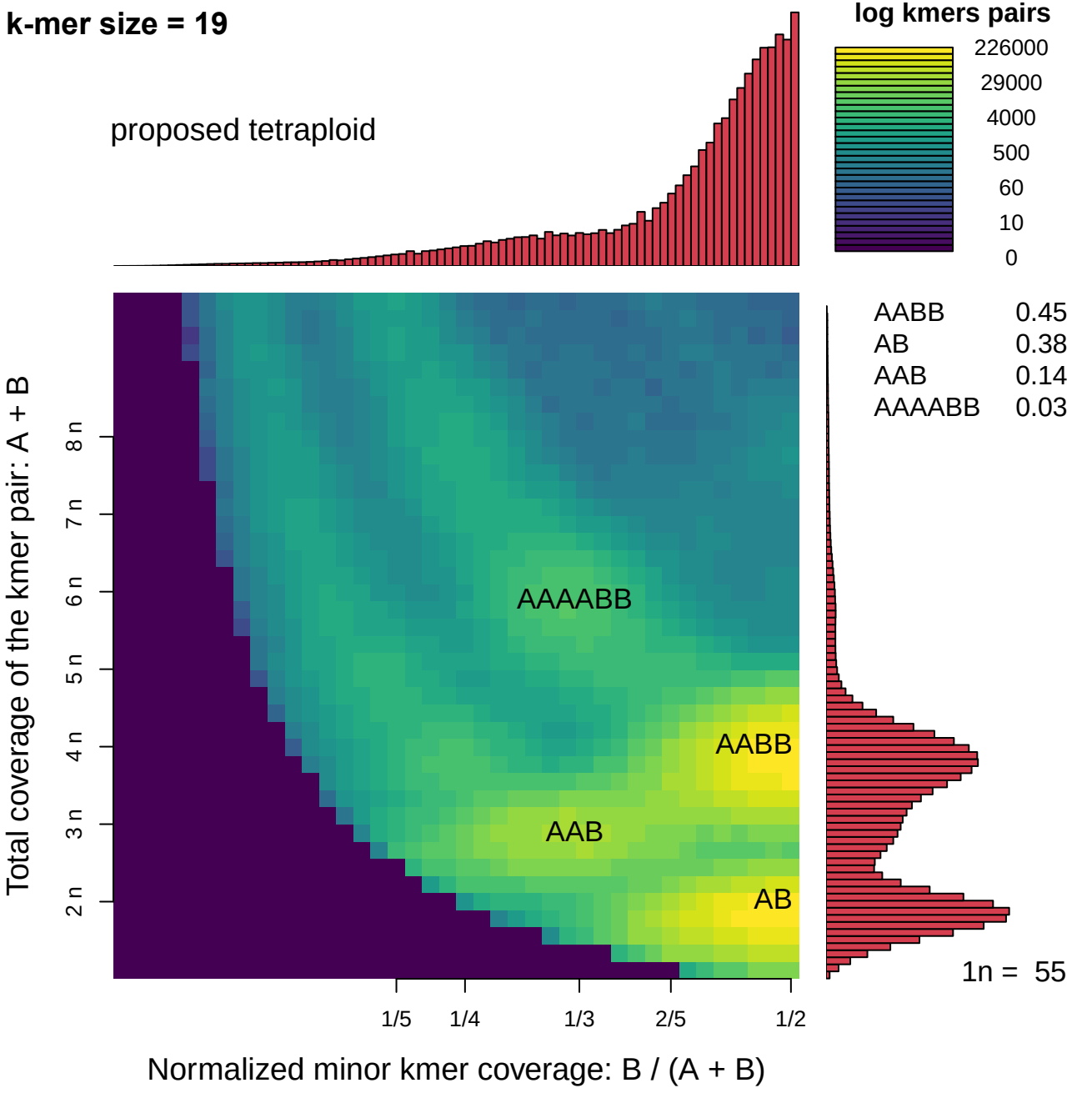
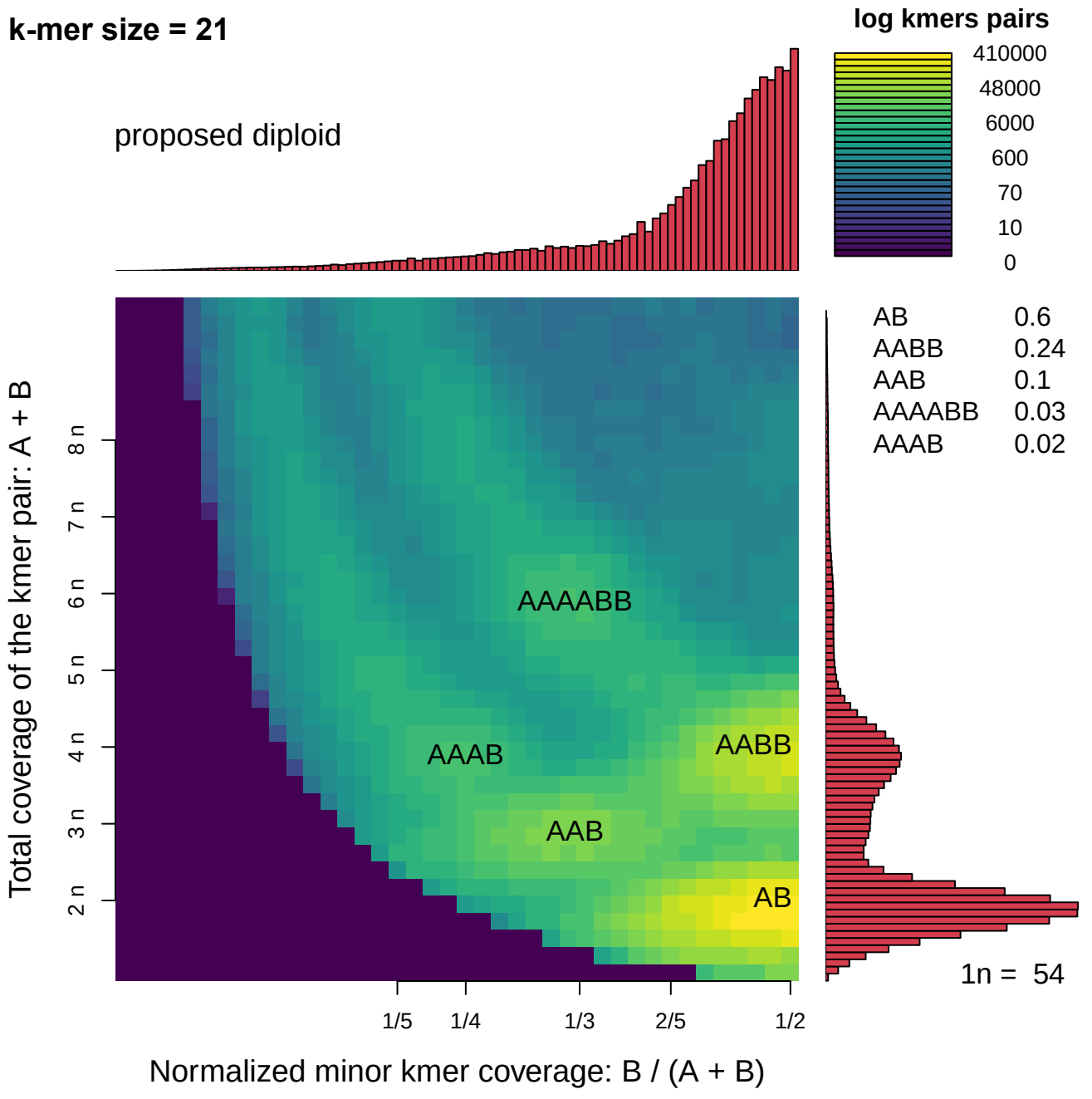
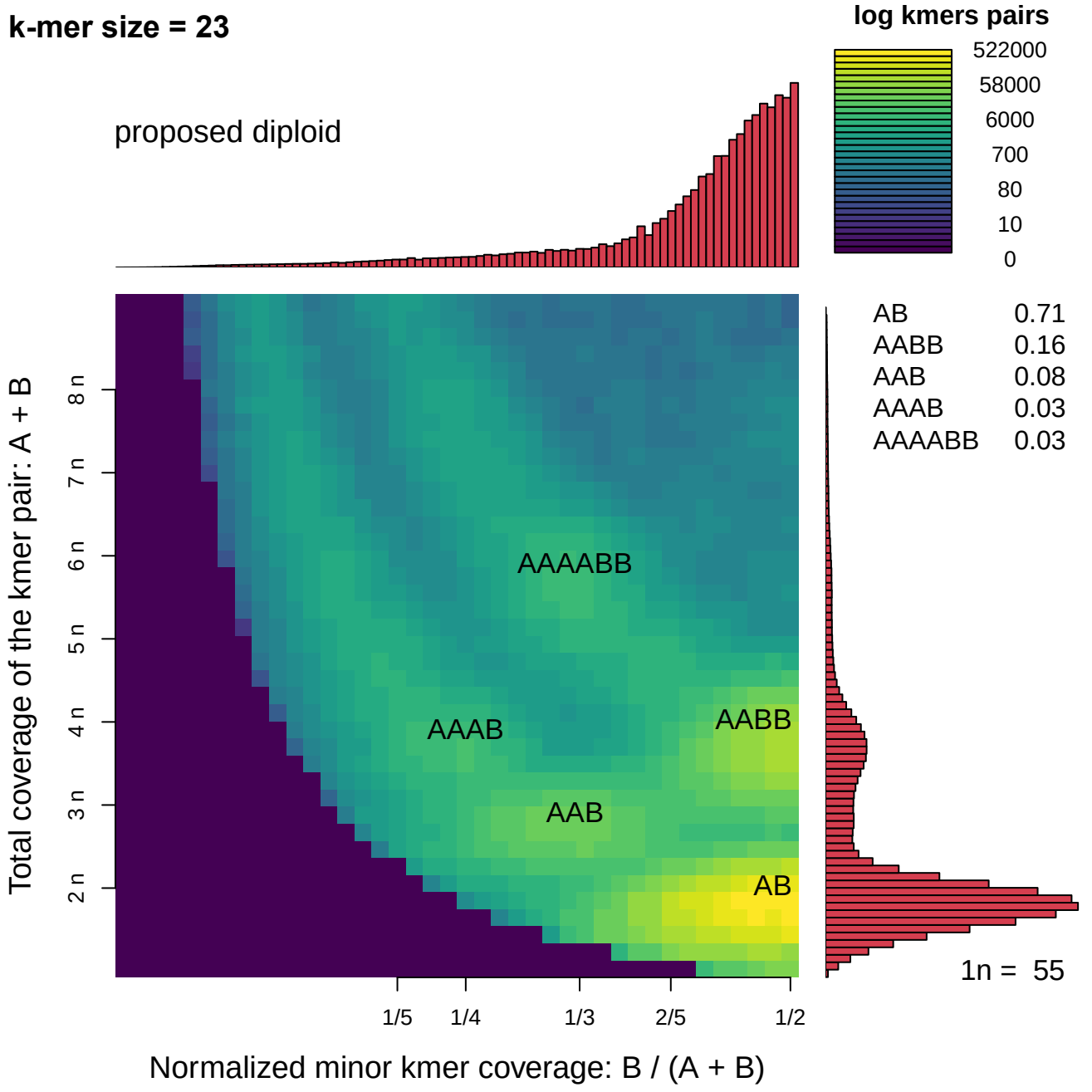
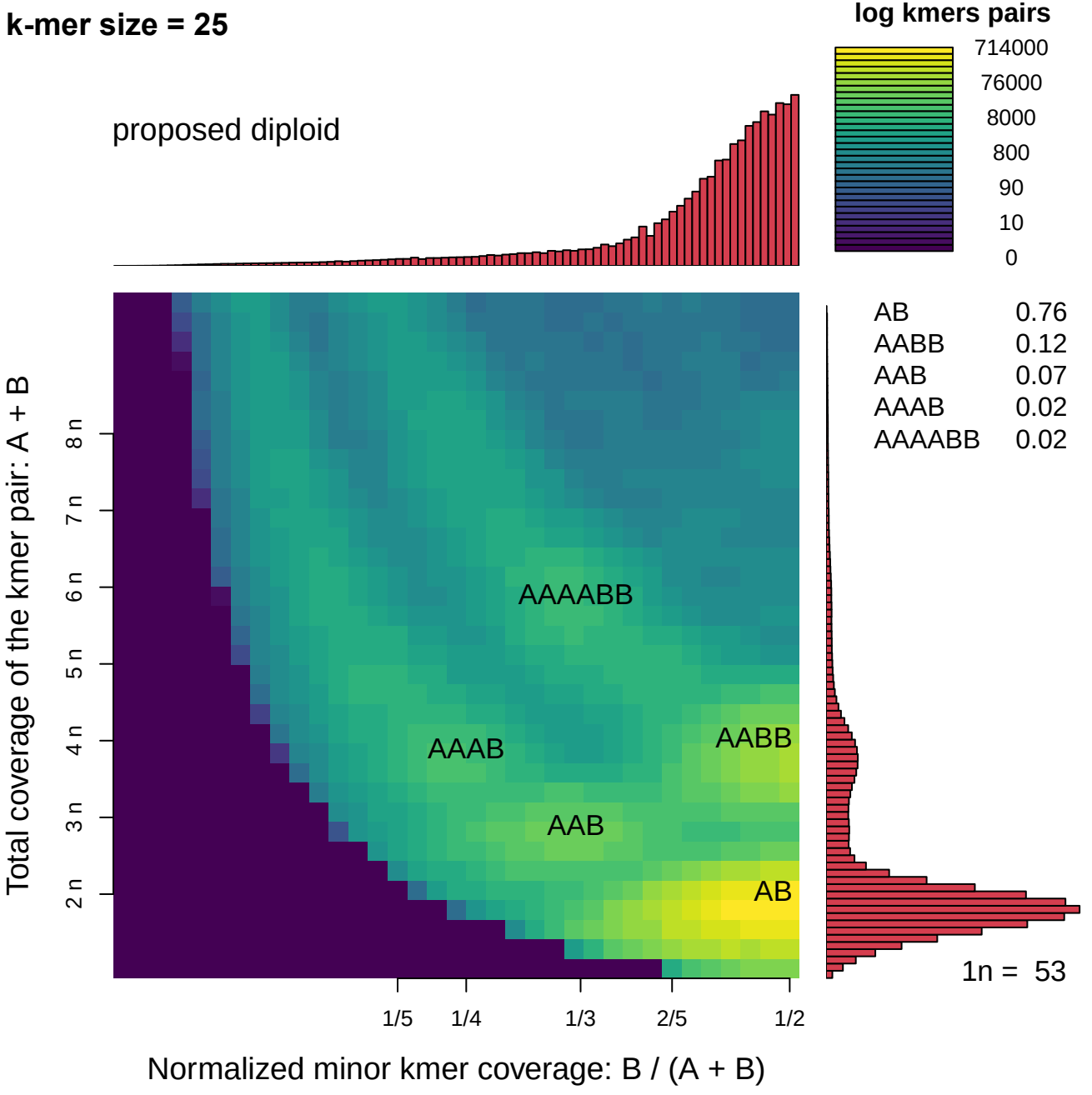

k-mer size = 19
proposed tetraploid
log kmers pairs
226000
29000
4000
500
60
10
0
AABB 0.45
AB 0.38
AAB 0.14
AAAABB 0.03
AAAABB
AABB
AAB
AB
1n = 55
Total coverage of the kmer pair: A + B
2 n
3 n
4 n
5 n
6 n
7 n
8 n
1/5
1/4
1/3
2/5
1/2
Normalized minor kmer coverage: B / (A + B)


k-mer size = 21
log kmers pairs
410000
48000
6000
600
70
10
0
proposed diploid
AB 0.6
AABB 0.24
AAB 0.1
AAAABB 0.03
AAAB 0.02
AAAABB
AAAB
AABB
AAB
AB
2 n
3 n
4 n
5 n
6 n
7 n
8 n
Total coverage of the kmer pair: A + B
1/5
1/4
1/3
2/5
1/2
Normalized minor kmer coverage: B / (A + B)
1n = 54


k-mer size = 23
log kmers pairs
522000
58000
6000
700
80
10
0
proposed diploid
AB 0.71
AABB 0.16
AAB 0.08
AAAB 0.03
AAAABB 0.03
AAAABB
AAAB
AABB
AAB
AB
1n = 55
Total coverage of the kmer pair: A + B
2 n
3 n
4 n
5 n
6 n
7 n
8 n
1/5
1/4
1/3
2/5
1/2
Normalized minor kmer coverage: B / (A + B)


k-mer size = 25
log kmers pairs
714000
76000
8000
800
90
10
0
proposed diploid
AB 0.76
AABB 0.12
AAB 0.07
AAAB 0.02
AAAABB 0.02
AAAABB
AAAB
AABB
AAB
AB
1n = 53
Total coverage of the kmer pair: A + B
2 n
3 n
4 n
5 n
6 n
7 n
8 n
1/5
1/4
1/3
2/5
1/2
Normalized minor kmer coverage: B / (A + B)