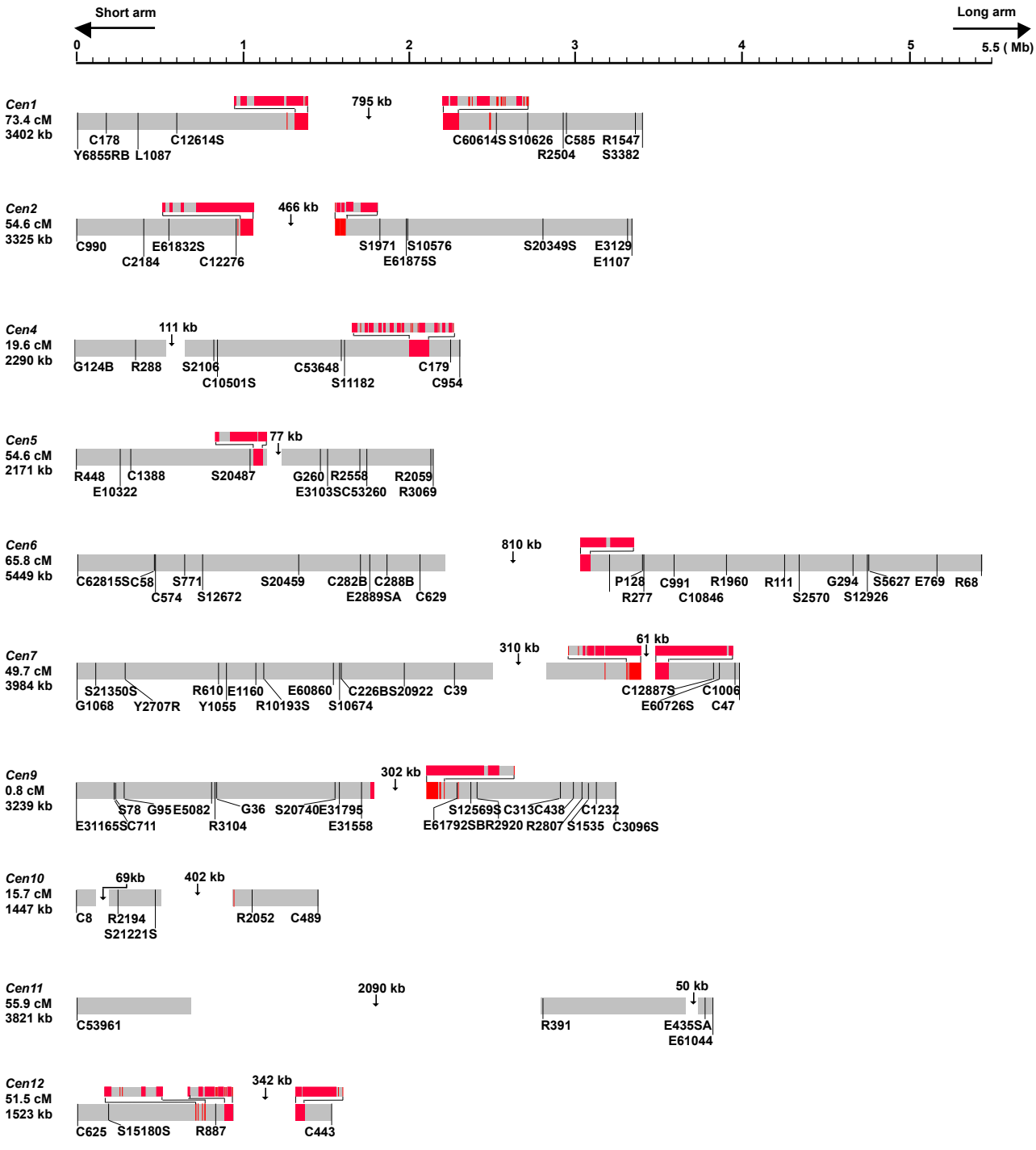
Short arm
Long arm
0
1
2
3
4
5
5.5 (Mb)
Cen1
73.4 cM
3402 kb
795 kb
C178
Y6855RB
L1087
C12614S
C60614S
S10626
R2504
C585
R1547
S3382
Cen2
54.6 cM
3325 kb
466 kb
C990
C2184
E61832S
C12276
S1971
E61875S
S10576
S20349S
E3129
E1107
Cen4
19.6 cM
2290 kb
111 kb
G124B
R288
S2106
C10501S
C53648
S11182
C179
C954
Cen5
54.6 cM
2171 kb
77 kb
R448
E10322
C1388
S20487
G260
E3103S
R2558
C53260
R2059
R3069
Cen6
65.8 cM
5449 kb
810 kb
C62815S
C574
C58
S771
S12672
S20459
C282B
E2889S
C288B
A
C629
P128
R277
C991
C10846
R1960
R111
S2570
G294
S12926
S5627
E769
R68
Cen7
49.7 cM
3984 kb
310 kb
61 kb
S21350S
G1068
Y2707R
R610
Y1055
E1160
R10193S
E60860
S10674
C226B
S20922
C39
C12887S
E60726S
C1006
C47
Cen9
0.8 cM
3239 kb
302 kb
S78
E31165S
G95
C711
E5082
R3104
G36
S20740
E31795
E31558
S12569S
E61792S
C313
BR2920
C438
R2807
C1232
S1535
C3096S
Cen10
15.7 cM
1447 kb
69kb
402 kb
C8
R2194
S21221S
R2052
C489
Cen11
55.9 cM
3821 kb
2090 kb
50 kb
C53961
R391
E435SA
E61044
Cen12
51.5 cM
1523 kb
342 kb
C625
S15180S
R887
C443

Figure S1