8 3 1.0-0.8 30 0.2 Number of CC strains 0.0 10 20 0 15 15 20 1.0-0.8 50 0.4 0.2 0.0 20 20 10 15 10 15 10 15 1.0-0.8 50% 0.6 40% 30% 72 20%

10

Number of replicates

15

20

0.4

0.2

0.0

10

Number of replicates

15

20

Number of functional alleles

10% 5% 1%

0.5%

15

10

Number of replicates