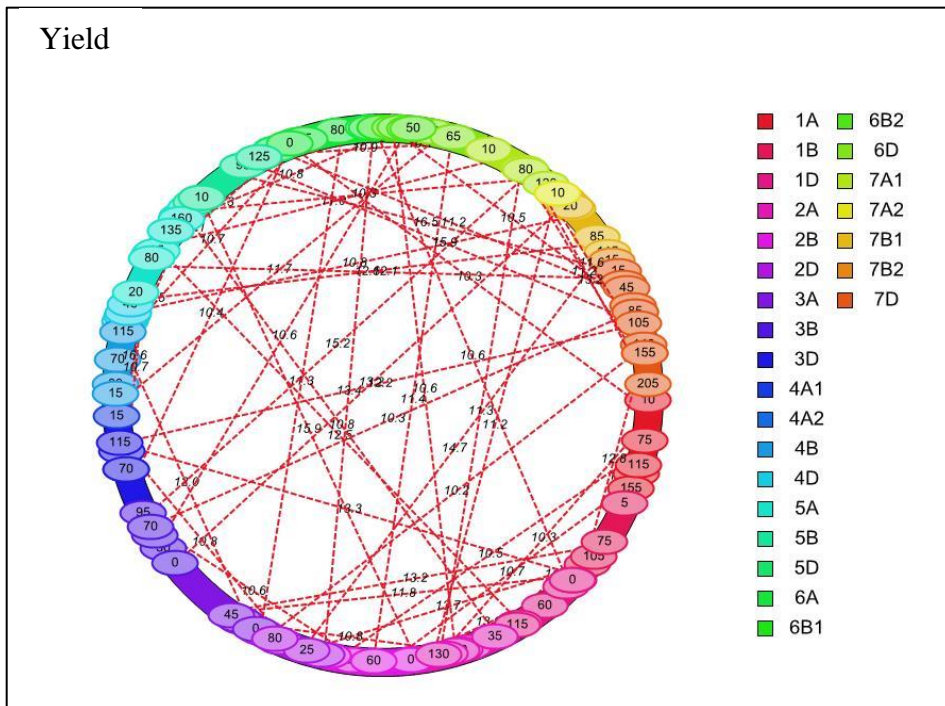
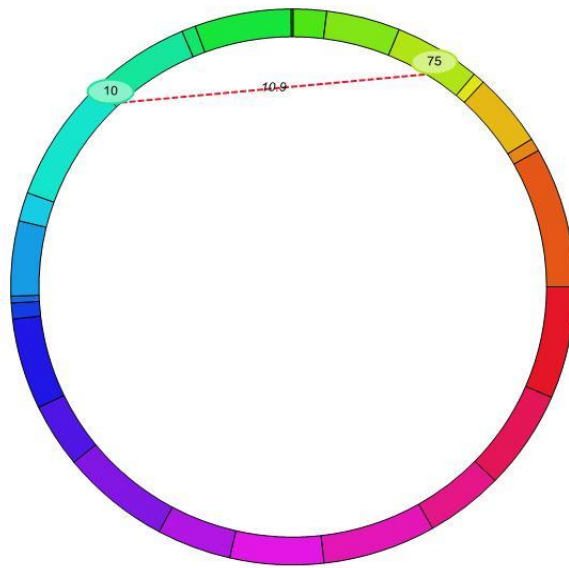


S5 Fig. Whole genome significance profiles of epistasis at LOD > 10 for yield and its components. The numbers on the rings showing the peak cM position of the target SNPs on that chromosome. The numbers on each line showing the total LOD score of that epistasis. Detailed information of SNP and its corresponding chromosome and cM locations, LOD scores and percentage of variations explained for total, additive and additive by environments, additive effects for 1st and 2nd QTL linked SNPs, their corresponding additive by environment, epistasis by environment were list in Table S5.

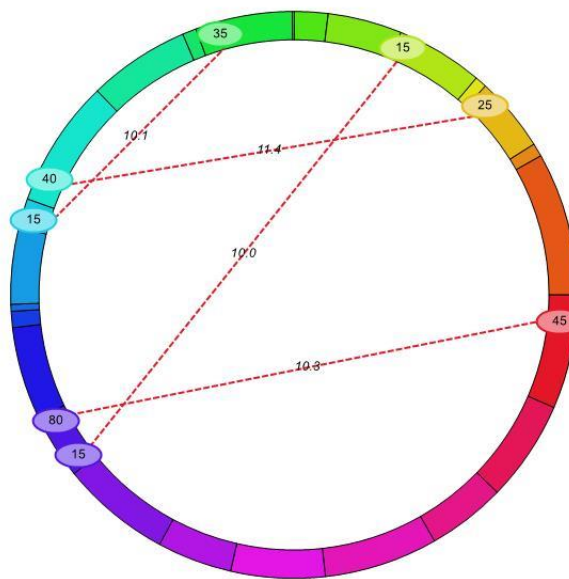


Harvest Index



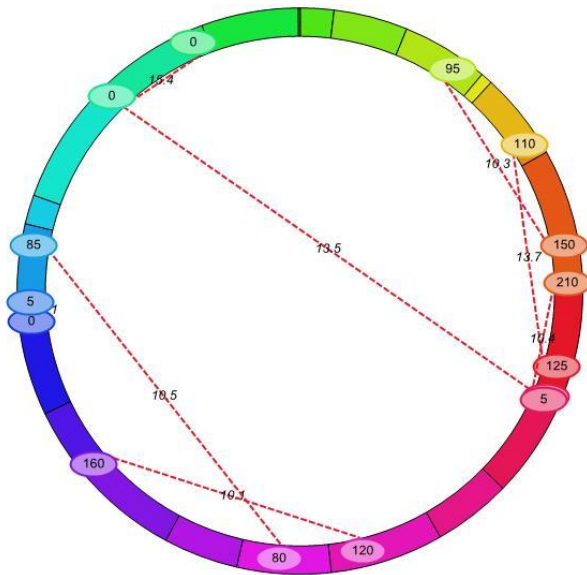
- 1A
- 1B
- 1D
- 2A
- 2B
- 2D
- 3A
- 3B
- 3D
- 4A1
- 4A2
- 4B
- 4D
- 5A
- 5B
- 5D
- 6A
- 6B1
- 6B2
- 6D
- 7A1
- 7A2
- 7B1
- 7B2
- 7D

Kernels spike⁻¹



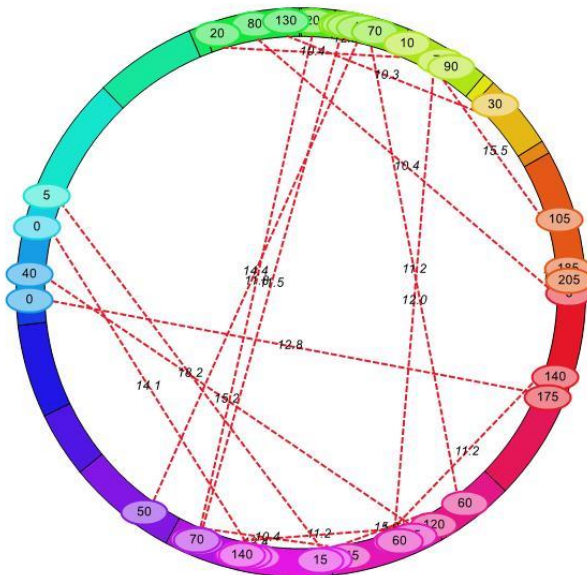
- 1A
- 1B
- 1D
- 2A
- 2B
- 2D
- 3A
- 3B
- 3D
- 4A1
- 4A2
- 4B
- 4D
- 5A
- 5B
- 5D
- 6A
- 6B1
- 6B2
- 6D
- 7A1
- 7A2
- 7B1
- 7B2
- 7D

Spikes m⁻²



- 1A
- 1B
- 1D
- 2A
- 2B
- 2D
- 3A
- 3B
- 3D
- 4A1
- 4A2
- 4B
- 4D
- 5A
- 5B
- 5D
- 6A
- 6B1
- 6B2
- 6D
- 7A1
- 7A2
- 7B1
- 7B2
- 7D

Thousand kernel weight



- 1A
- 1B
- 1D
- 2A
- 2B
- 2D
- 3A
- 3B
- 3D
- 4A1
- 4A2
- 4B
- 4D
- 5A
- 5B
- 5D
- 6A
- 6B1
- 6B2
- 6D
- 7A1
- 7A2
- 7B1
- 7B2
- 7D