



KEY

- ① — SNP density (MAF ≥ 0.05)
- Gene density
- GWAS PE (binary All - cutoff: 100)
- SNP with q -value ≤ 0.20
- SNP with q -value ≤ 0.10
- SNP with q -value ≤ 0.05
- ③ — Density of SNPs with p -value ≤ 0.05
- ④ — Density of SNPs with p -value ≤ 0.01
- ⑤ — Density of SNPs with p -value ≤ 0.001
- Candidate genes
- 2014 QTL (OB * R.x wichu)
- 2015
- 2017