



KEY

- ① — SNP density (MAF ≥ 0.05)
- Gene density
- GWAS E2hexenal (binary 2 years – cutoff: 1)
- 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

①

②

③

④

⑤

Chr_0

Chr_7

NUDIX1-2c

NUDIX1-1a

Chr_1

Chr_6

NUDIX1-2b

Chr_2

Chr_5

ancestral NUDIX1

Chr_3

Chr_4