

**Table S6.** Conditional analysis results between height and three SNPs (rs76280383 in *RNF41* , rs7311505 in *NABP2* , and rs11171781 in *SLC39A5* ) in the discovery sample, conditioning on rs77394186 in *NABP2* .

| <b>Chr</b> | <b>Gene</b>    | <b>SNP</b> | <b>MAF</b> | <b>Beta</b> | <b>SE</b> | <b>P</b> |
|------------|----------------|------------|------------|-------------|-----------|----------|
| 12         | <i>RNF41</i>   | rs76280383 | 0.125      | -0.08       | 0.18      | 0.651    |
| 12         | <i>NABP2</i>   | rs7311505  | 0.150      | -0.24       | 0.16      | 0.123    |
| 12         | <i>SLC39A5</i> | rs11171781 | 0.122      | -0.20       | 0.23      | 0.371    |

Chr = chromosome, BETA = Beta coefficients, MAF = minor allele frequency, SE = standard error.

Analysis was obtained after adjustment for covariates including rs77394186 in *NABP2* , age, gender, ancestry representative principle components, and a polygenic effect due to genetic relatedness.