

Supplementary Table 7. Colocalization results.

For four ion traits that were colocalized with FECD genetic associations at *TCF4*, the number of snps (nsnps) used in colocalization, posterior probabilities, and correlation coefficients (*r*) of effects and *P*-values.

Colocalized trait	Nsnps in colocalization n	Posterior probability H4	<i>r</i> (effects plot)	<i>P</i> (effects plot)
Serum bicarbonate	9,025	1.000	0.909	6.42E-284
Serum chloride	9,024	1.000	-0.903	9.41E-225
Serum potassium	9,023	0.999	0.77	1.91E-20
Urinary albumin-to-creatinine ral	5,342	1.000	0.95	1.85E-49