

## Supplementary

**Table S1** The list of genes and their corresponding regression coefficients

Gene	Coef
(Intercept)	-7.58400495736837
<i>GRIN2D</i>	-0.278443836492336
<i>FLRT2</i>	0.0588591863904542
<i>RADIL</i>	0.454244153402151
<i>BEX2</i>	0.387774750684906
<i>C6orf222</i>	-0.243266898110219
<i>CRH</i>	0.118316578640999
<i>IGFBP3</i>	0.162898751036612
<i>COL1A1</i>	0.0419038596779269
<i>KRT16P2</i>	0.195550444615503
<i>GLI1</i>	0.0814662255211807