

Study: Autism cortex

<u>Index</u>	<u>Coeff</u>	<u>Std Err</u>	<u>p-value</u>
PVALB	0.011	0.002	<0.0001***
CCK	0.006	0.002	0.0085**
VIP	0.004	0.001	0.0157*

Study: Schizophrenia dorsolateral prefrontal cortex

<u>Index</u>	<u>Coeff</u>	<u>Std Err</u>	<u>p-value</u>
PVALB	0.001	0.0004	0.0185*
CCK	0.006	0.001	0.0004***
VIP	0.001	0.001	0.4880

Study: Bipolar dorsolateral prefrontal cortex

<u>Index</u>	<u>Coeff</u>	<u>Std Err</u>	<u>p-value</u>
PVALB	0.010	0.002	0.0002***
CCK	0.004	0.003	0.2644
VIP	0.025	0.009	0.0049**

PVALB = parvalbumin

CCK = cholecystokinin

VIP = vasoactive intestinal peptide

Supplemental Table S4: Multiple regression models with interneuron markers.

Multiple linear regression modeling was performed with the FS cell index as the dependent variable. As CCK and VIP were also significantly correlated with the FS cell index in the autism, schizophrenia, and bipolar disorder studies, they were entered as covariates into multiple regression models. In all cases, the relationship between the FS cell index and parvalbumin levels remained significant.