

## **CACNA1C** **rs1006737**

Significant  
result

<u>Cortical region</u>	<u>Hemisphere</u>	<u>Fold change</u>	<u>P value</u>	<u>FDR</u>
Temporal banks cortex	Left	0.9723	0.1840	0.3228
Caudal anterior cingulate cortex	Left	0.9653	0.9512	0.9512
<b>Caudal middle frontal cortex</b>	<b>Left</b>	<b>0.9759</b>	<b>0.0112</b>	<b>0.0724</b>
Cuneus cortex	Left	0.9949	0.1623	0.3114
Entorhinal cortex	Left	1.0007	0.5607	0.6220
Fusiform cortex	Left	0.9951	0.1864	0.3228
<b>Inferior parietal cortex</b>	<b>Left</b>	<b>0.9815</b>	<b>0.0051</b>	<b>0.0724</b>
Inferior temporal cortex	Left	1.0063	0.5949	0.6453
Isthmus cingulate cortex	Left	1.0046	0.3121	0.4223
Lateral occipital cortex	Left	0.9941	0.2182	0.3477
<b>Lateral orbitofrontal cortex</b>	<b>Left</b>	<b>0.9901</b>	<b>0.0166</b>	<b>0.0736</b>
Lingual cortex	Left	0.9958	0.3152	0.4223
Medial orbitofrontal cortex	Left	0.9771	0.1250	0.2774
Middle temporal cortex	Left	0.9857	0.4058	0.4960
Parahippocampal cortex	Left	1.0137	0.8475	0.8721
<b>Paracentral cortex</b>	<b>Left</b>	<b>1.0021</b>	<b>0.0003</b>	<b>0.0193</b>
Pars opercularis cortex	Left	0.9967	0.0501	0.1777
Pars orbitalis cortex	Left	0.9906	0.2904	0.4124
Pars triangularis cortex	Left	0.9701	0.0790	0.2079
Pericalcarine cortex	Left	0.9896	0.2287	0.3477
Postcentral cortex	Left	1.0048	0.2478	0.3666
Posterior cingulate cortex	Left	1.0115	0.7938	0.8412
Precentral cortex	Left	0.9914	0.0423	0.1580
Precuneus cortex	Left	0.9832	0.1745	0.3177
<b>Rostral anterior cingulate cortex</b>	<b>Left</b>	<b>0.9805</b>	<b>0.0149</b>	<b>0.0736</b>
Rostalar middle frontal cortex	Left	0.9887	0.1927	0.3258
<b>Superior frontal cortex</b>	<b>Left</b>	<b>0.9903</b>	<b>0.0046</b>	<b>0.0724</b>

**Appendix 1** to Smedler E, Abé C, Pålsson E, et al. CACNA1C polymorphism and brain cortical structure in bipolar disorder. *J Psychiatry Neurosci* 2020.

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Superior parietal cortex	Left	0.9795	0.0109	0.0724
Superior temporal cortex	Left	1.0016	0.3742	0.4745
Supramarginal cortex	Left	1.0006	0.0101	0.0724
Frontal pole cortex	Left	0.9926	0.3109	0.4223
Temporal pole cortex	Left	1.0108	0.9070	0.9199
Transverse temporal cortex	Left	1.0246	0.2257	0.3477
Insula cortex	Left	0.9998	0.2302	0.3477
Temporal banks cortex	Right	0.9994	0.2585	0.3745
Caudal anterior cingulate cortex	Right	0.9626	0.1581	0.3114
Caudal middle frontal cortex	Right	0.9798	0.1098	0.2655
Cuneus cortex	Right	0.9764	0.0628	0.1951
Entorhinal cortex	Right	1.0129	0.5999	0.6453
Fusiform cortex	Right	1.0196	0.4115	0.4960
Inferior parietal cortex	Right	0.9834	0.0023	0.0724
Inferior temporal cortex	Right	0.9978	0.0112	0.0724
Isthmus cingulate cortex	Right	0.9878	0.4122	0.4960
Lateral occipital cortex	Right	0.9934	0.3638	0.4696
Lateral orbitofrontal cortex	Right	0.9956	0.0648	0.1951
Lingual cortex	Right	0.9771	0.4312	0.5090
Medial orbitofrontal cortex	Right	1.0095	0.0684	0.1951
Middle temporal cortex	Right	1.0011	0.1163	0.2664
Parahippocampal cortex	Right	1.0080	0.3523	0.4631
Paracentral cortex	Right	0.9948	0.0098	0.0724
Pars opercularis cortex	Right	1.0068	0.1359	0.2837
Pars orbitalis cortex	Right	0.9879	0.0766	0.2079
Pars triangularis cortex	Right	0.9910	0.1314	0.2828
Pericalcarine cortex	Right	1.0032	0.8127	0.8486
Postcentral cortex	Right	1.0070	0.2244	0.3477
Posterior cingulate cortex	Right	0.9746	0.5188	0.5847
Precentral cortex	Right	0.9719	0.0149	0.0736
Precuneus cortex	Right	0.9804	0.0157	0.0736
Rostral anterior cingulate cortex	Right	0.9832	0.0317	0.1249
Rostrolateral middle frontal cortex	Right	0.9911	0.0848	0.2151
Superior frontal cortex	Right	0.9877	0.0102	0.0724
Superior parietal cortex	Right	0.9771	0.0053	0.0724
Superior temporal cortex	Right	0.9955	0.0595	0.1951

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Supramarginal cortex	Right	1.0005	0.0687	0.1951
Frontal pole cortex	Right	1.0165	0.1670	0.3121
Temporal pole cortex	Right	1.0063	0.4754	0.5444
Transverse temporal cortex	Right	1.0150	0.1122	0.2655
Insula cortex	Right	0.9958	0.1500	0.3044
Total cortex	Left	0.9916	0.0191	0.0798
Total cortex	Right	0.9913	0.0126	0.0736