

Additional file 2

Processing Mechanism of Guanidinoacetate in Choroid Plexus Epithelial Cells: Conversion of Guanidinoacetate to Creatine via Guanidinoacetate N-Methyltransferase and Monocarboxylate Transporter 12-Mediated Creatine Release into the CSF

Ryuta Jomura¹, Shin-ichi Akanuma¹, Yoshiyuki Kubo¹, Masanori Tachikawa², Ken-ichi Hosoya¹

¹Department of Pharmaceutics, Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama; 2630 Sugitani, Toyama 930-0194, Japan

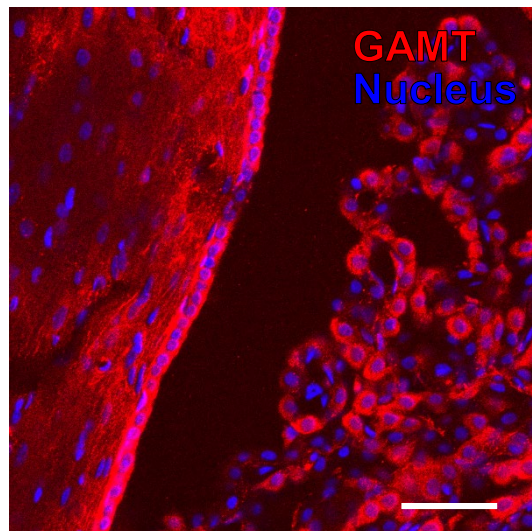
²Graduate School of Biomedical Sciences, Tokushima University; 1-78-1 Shomachi, Tokushima 770-8505, Japan

Corresponding author: Ken-ichi Hosoya

E-mail: hosoyak@pha.u-toyama.ac.jp

Tel.: +81-76-434-7505; Fax: +81-76-434-5172

Additional file 2: Immunohistochemical staining of GAMT in the rat choroid plexus



Immunohistochemical staining of GAMT was performed in the rat choroid plexus. Nuclei were stained with DAPI (blue). Scale bar: 50 μm .