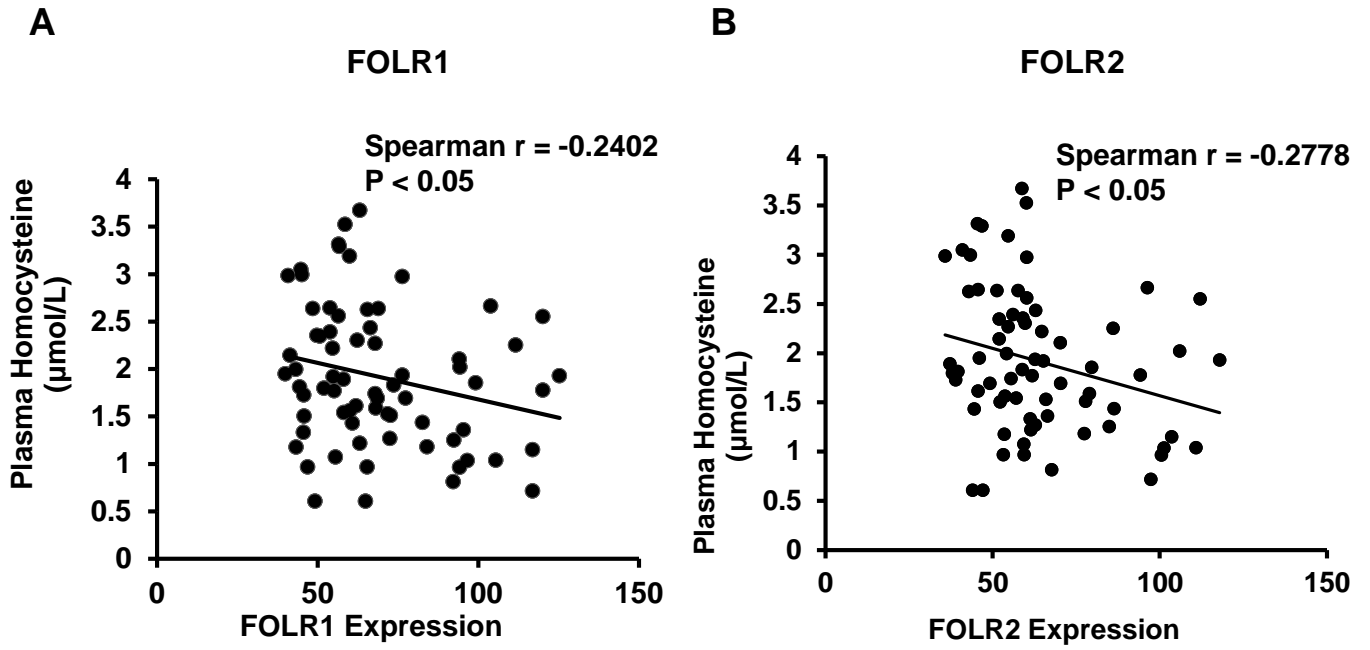


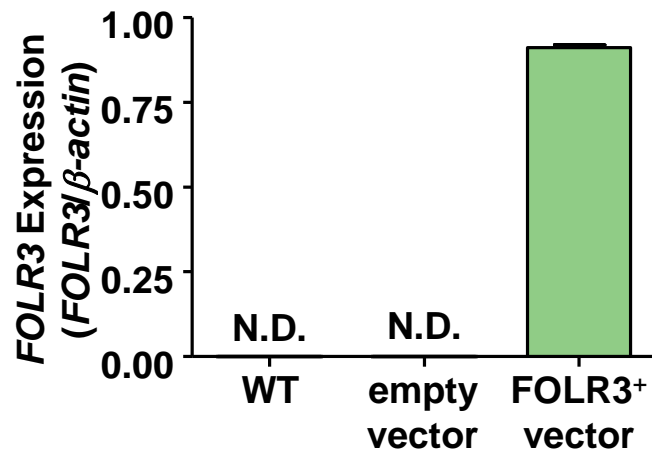
Plasma Homocysteine Concentration is Associated with the Expression Level of Folate Receptor 3

Ren Yoshitomi¹, Kai Nakayama¹, Shuya Yamashita^{1,2}, Motofumi Kumazoe¹, Ting-An Lin¹, Chen-Yi Mei¹, Yuki Marugame¹, Yoshinori Fujimura¹, Mari Maeda-Yamamoto³, Shinichi Kuriyama⁴ and Hirofumi Tachibana^{1,*}

¹Division of Applied Biological Chemistry, Department of Bioscience and Biotechnology, Faculty of Agriculture, Kyushu University, Fukuoka, Japan. ² Institute of Fruit Tree and Tea Science, National Agriculture and Food Research Organization, Makurazaki, Japan. ³Food Research Institute, National Agriculture and Food Research Organization, Ibaraki, Japan. ⁴Division of Molecular Epidemiology, Tohoku University Graduate School of Medicine, Sendai, Japan *email: tatibana@agr.kyushu-u.ac.jp



Supplementary figure 1. The correlation between plasma Hcy and FOLR1 or plasma Hcy and FOLR2. A),B) Spearman rank correlation analysis between plasma homocysteine and FOLR1 signal intensity (A) or FOLR2 signal intensity (B).



Supplementary figure 2. FOLR3 overexpression in HEK293.
data presented mean \pm S.E. (n = 3) N.D.; not detected



Supplementary figure 3. The raw data of figure 5A