PLOS ONE

CORRECTION

Correction: Identification and Characterization of Sulfated Carbohydrate-Binding Protein from *Lactobacillus reuteri*

Keita Nishiyama, Ayaka Ochiai, Daigo Tsubokawa, Kazuhiko Ishihara, Yuji Yamamoto, Takao Mukai

There is an error in the caption for Fig 2, "Binding of His_6-EF-Tu to sulfated glycolipids assessed by SPR analysis." Please see the complete, correct Fig 2 caption here.

Citation: Nishiyama K, Ochiai A, Tsubokawa D, Ishihara K, Yamamoto Y, Mukai T (2017) Correction: Identification and Characterization of Sulfated Carbohydrate-Binding Protein from *Lactobacillus reuteri*. PLoS ONE 12(3): e0174257. https://doi.org/10.1371/journal.pone.0174257

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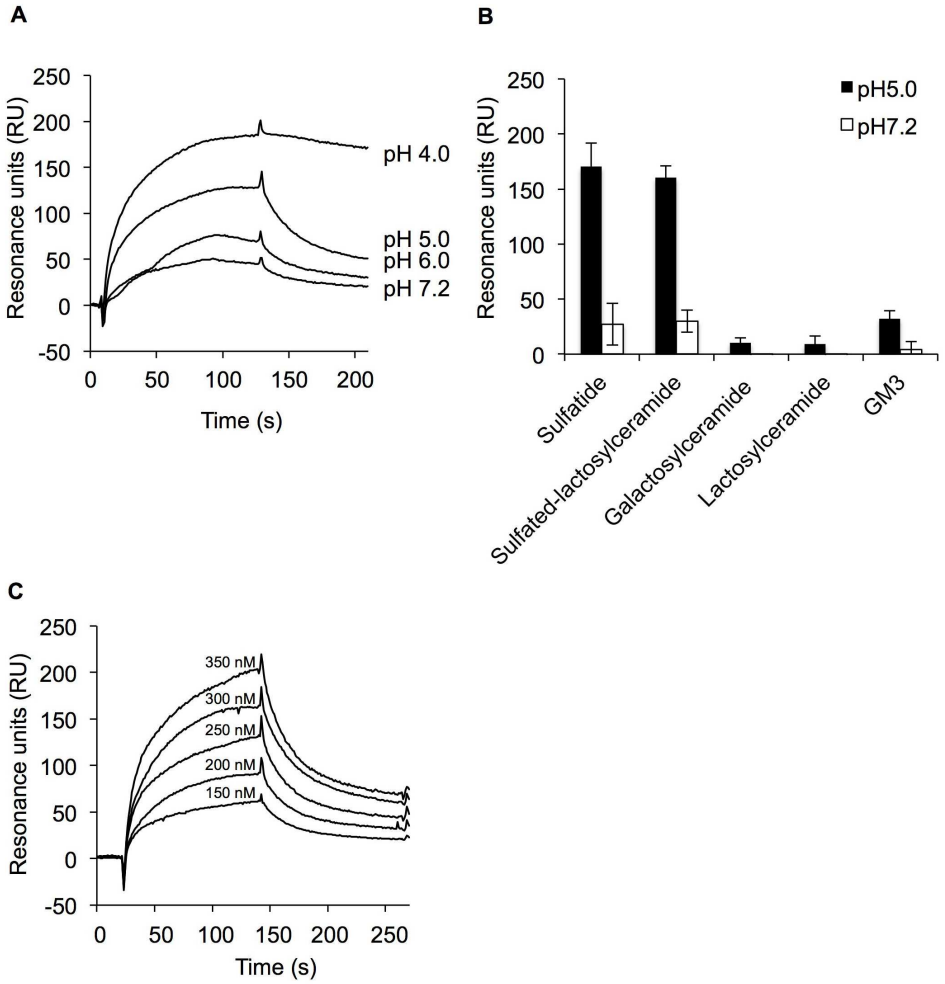

Fig 2. Binding of His_6-EF-Tu to sulfated glycolipids assessed by SPR analysis. (A) Binding of His_6-EF-Tu to sulfatide (SO_3-3Galβ1Cer) at different pH values (pH 4.0, 5.0, 6.0, and 7.2). (B) Binding of His_6-EF-Tu to various glycolipids: sulfatide, sulfated-lactosylceramide (SO_3-3Galβ4Glcβ1Cer), galactosylceramide (Galβ1Cer), lactosylceramide (Galβ4Glcβ1Cer), and GM3 (NeuAcα3Galβ4Glcβ1Cer) at pH 5.0 and 7.2. Resonance units were measured at the start of dissociation. Error bars indicate standard deviations (n = 5). (C) Sensorgrams of the interaction of His_6-EF-Tu with sulfatide at pH 5.0. Concentrations of sulfatide (from top to bottom) are as follows: 350, 300, 250, 200, and 150 nM. The K_D value is described in the text.

https://doi.org/10.1371/journal.pone.0174257.g001

Reference

1. Nishiyama K, Ochiai A, Tsubokawa D, Ishihara K, Yamamoto Y, Mukai T (2013) Identification and Characterization of Sulfated Carbohydrate-Binding Protein from *Lactobacillus reuteri*. PLoS ONE 8(12): e83703. https://doi.org/10.1371/journal.pone.0083703 PMID: 24391811