

Supplemental Material

Different Pharmacological Properties of GLUT9a and GLUT9b: Potential Implications in Preeclampsia

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FIGURE LEGEND SUPPLEMENTAL FIGURES

FIGURE S1A: hGLUT9a chloride replacement by bromide.

hGLUT9a-mediated current was reduced to $90\% \pm 6\%$ when the chloride concentration was reduced to 6mM by replacing it with 90mM bromide.

FIGURE S1B: hGLUT9b exposed to 20mM iodine

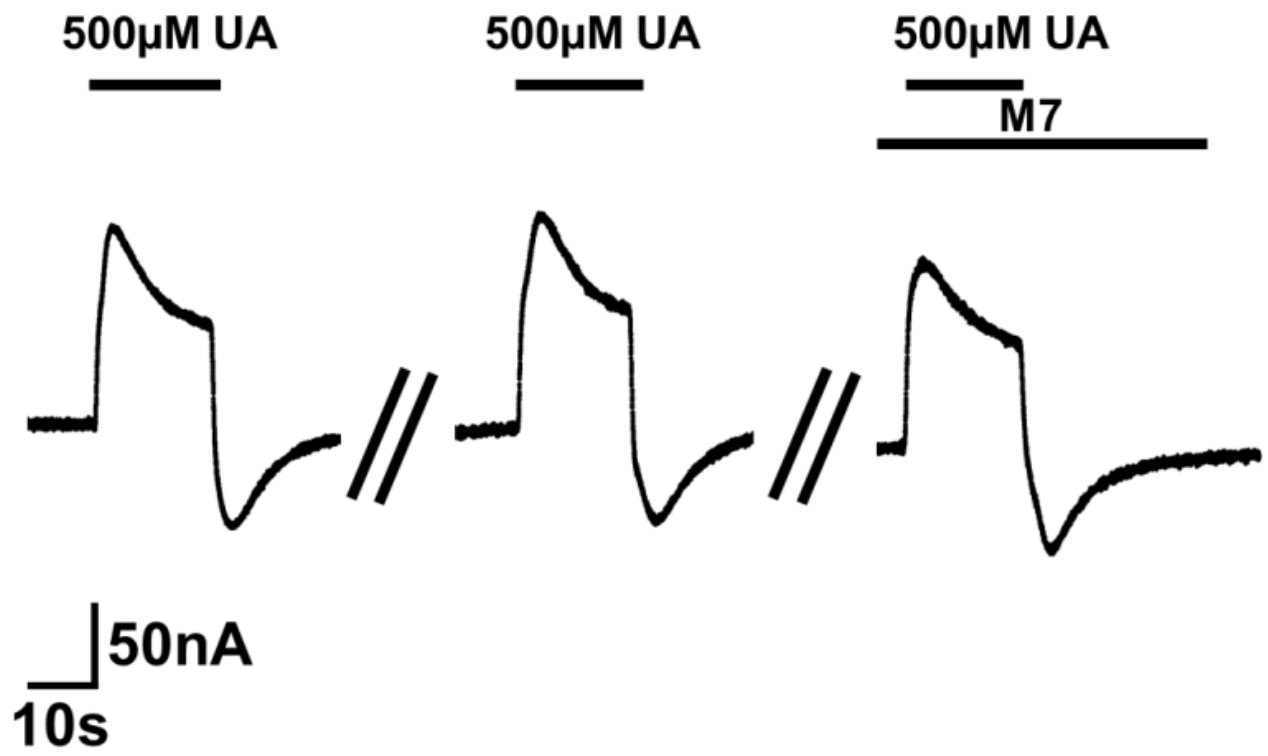
hGLUT9b-mediated current was not affected by iodide even at 20mM concentration.

FIGURE S1C: Functional comparison of hGLUT9a, NmodGLUT9a and H₂O injected oocytes.

hGLUT9a-mediated current amplitude and shape were equal when compared to NmodGLUT9a. H₂O injected oocytes did not result in a current.

FIGURE S1D. Alignment of hGLUT9a, mGLUT9a, hGLUT9b and mGLUT9b

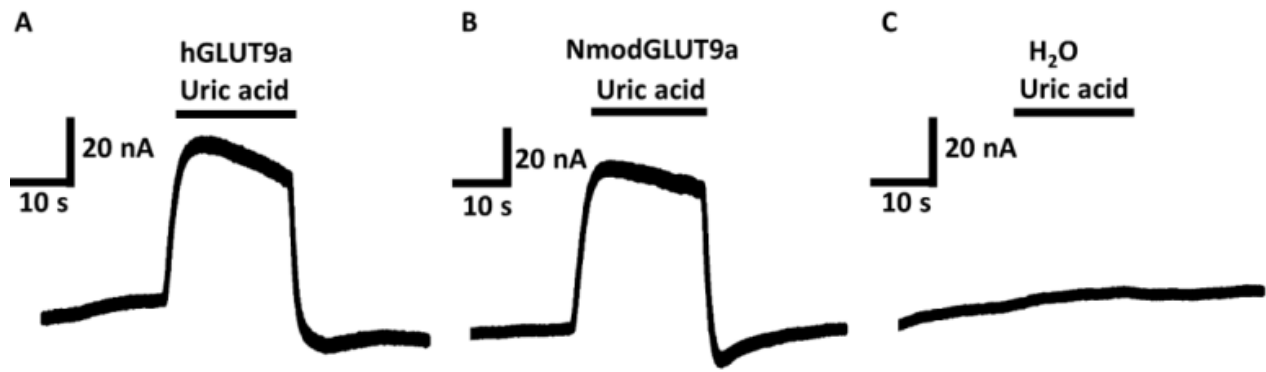
Alignment has been performed using T-COFFEE alignment tool applying a CLUSTALX color code [1, 2].



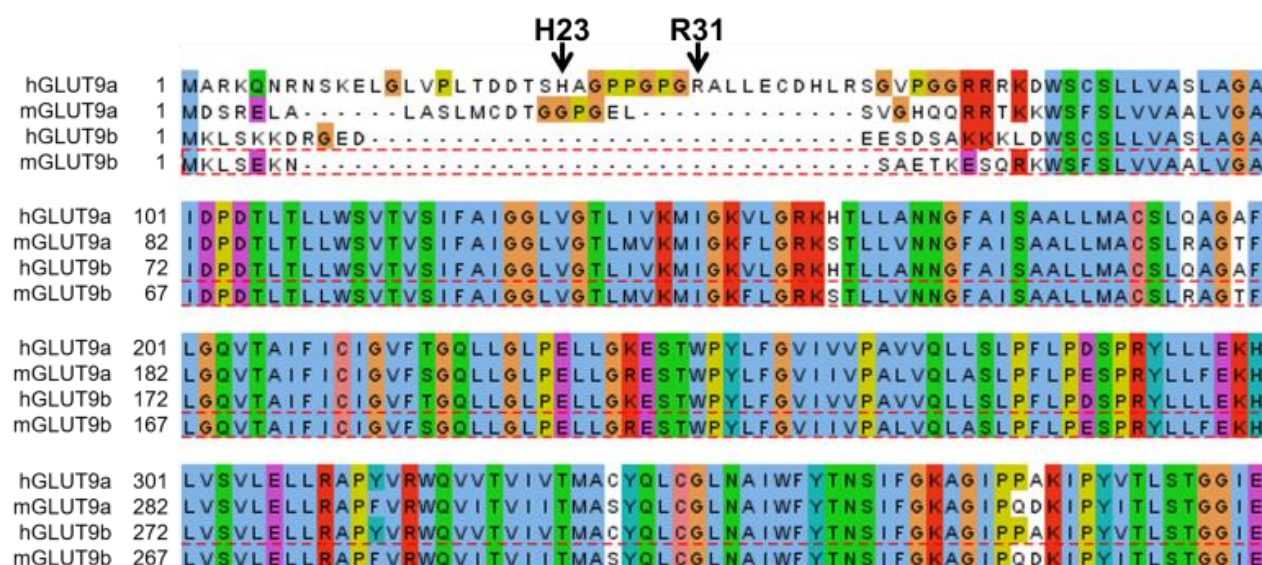
Supplemental Figure S1A



Supplemental Figure S1B



Supplemental Figure S1C



Supplemental Figure S1D

References supplemental information

1. Di Tommaso, P., et al., *T-Coffee: a web server for the multiple sequence alignment of protein and RNA sequences using structural information and homology extension*. Nucleic Acids Res, 2011. **39**(Web Server issue): p. W13-7.
2. Kemena, C. and C. Notredame, *Upcoming challenges for multiple sequence alignment methods in the high-throughput era*. Bioinformatics, 2009. **25**(19): p. 2455-65.