

# Correction to “Exon 3 Splicing and Mutagenesis Identify Residues Influencing Cell Surface Density of Heterologously Expressed Silkworm (*Bombyx mori*) Glutamate-Gated Chloride Channels”

In the above article [Furutani S, Ihara M, Nishino Y, Akamatsu M, Jones AK, Sattelle DB, and Matsuda K (2014) *Mol Pharm* **86**:686–695], the authors have identified multiple descriptions in the text that warrant correction. The following is a summary of corrections made:

The definition of abbreviation “GluCl” has been changed from “glutamate-gated chloride channel” to “chloride channel gated by L-glutamate.” The change is reflected in the Abbreviations section and at first definition in *Introduction*.

In the last paragraph of *Introduction*, in the sentence beginning, “We show that, although splicing-induced variations...,” two instances of “GluCl” and one instance of “Bm” have each been changed to “BmGluCl,” the definition of which remains the same as described in the article.

In *Materials and Methods*, the heading, “[<sup>3</sup>H]IVM Binding on Oocyte Membrane Proteins” has been changed to “[<sup>3</sup>H]IVM Binding to Oocyte Membranes.”

In *Results*, section “Amino Acid Residues Determining the Response Amplitude of BmGluCl Variants to L-Glutamate and IVM,” second paragraph, the end of the paragraph beginning with sentence, “However, when any three of the four amino acids...,” has been deleted.

In *Results*, section “Amino Acid Residues Determining the Response Amplitude of BmGluCl Variants to L-Glutamate and IVM,” fourth paragraph, first, the sentence beginning, “When three of Thr77, Thr78...,” has been replaced with the following: “Except in the case of the T77S;S80D;I82Y mutations, even when three of Thr77, Thr78, Ser80, and Ile82 in block II of the exon 3a variant were substituted by the corresponding amino acids in exon 3c, the response amplitude to IVM did not significantly increase compared with the response observed in wild-type exon 3a.” Second, the following sentence beginning, “The impact of T78K;S80D;I82Y triple mutation...,” has been deleted. Third, the final sentence beginning, “In studies of mutations on IVM...,” has been amended, and the text “...with the impact of the K79T mutation being smaller than that of the S78T and Y83I mutations” has been deleted.

In *Discussion*, first paragraph, in the sentence beginning, “We also provide the first study...,” the abbreviation “GluCls” has been changed to “BmGluCls.”

In *Discussion*, ninth paragraph, in the sentence beginning, “Indeed, the exon 3a chimera...,” the citation of Fig. 3B has been changed to Fig. 3D.

The Full Text article is corrected with the issue of this erratum.

The authors apologize for any inconvenience these errors may have caused.