

Corrections

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2008. Helical distortion in tryptophan- and lysine-anchored membrane-spanning α -helices as a function of hydrophobic mismatch: a solid-state deuterium NMR investigation using the geometric analysis of labeled alanines method. *Biophys. J.* 94:480–491.

Based upon new peptide synthesis, new samples, and a revised peptide/lipid ratio of 1:40 instead of 1:20, we have revised and updated the ^2H quadrupolar splitting values for the side chain of Ala⁹ in the KWALP23 peptide to 22.2 kHz, 14.7 kHz, and 4.7 kHz in DLPC, DMPC, and DOPC bilayer membranes, respectively. These values have been confirmed using both singly labeled samples and new combinations of doubly labeled samples. With the revised values for the Ala⁹ quadrupolar splittings, the earlier suggestion of a kink disappears from the geometric analysis of labeled alanines of KWALP23. For details, see *J. Biol. Chem.* 2010. 285:31723–31730.

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2010. Sodium perchlorate effects on the helical stability of a mainly alanine peptide. *Biophys. J.* 98:186–196.

The name of author Kan Xiong was misspelled in the original publication.

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2010. Cell blebbing and membrane area homeostasis in spreading and retracting cells. *Biophys. J.* 99:1726–1733.

The name of author Jan Brugués was misspelled in the original publication.

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