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## Correction: Distinguishing Amyloid Fibril Structures in Alzheimer's Disease (AD) by Two-Dimensional Ultraviolet (2DUV) Spectroscopy

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### Distinguishing Amyloid Fibril Structures in Alzheimer's Disease (AD) by Two-Dimensional Ultraviolet (2DUV) Spectroscopy

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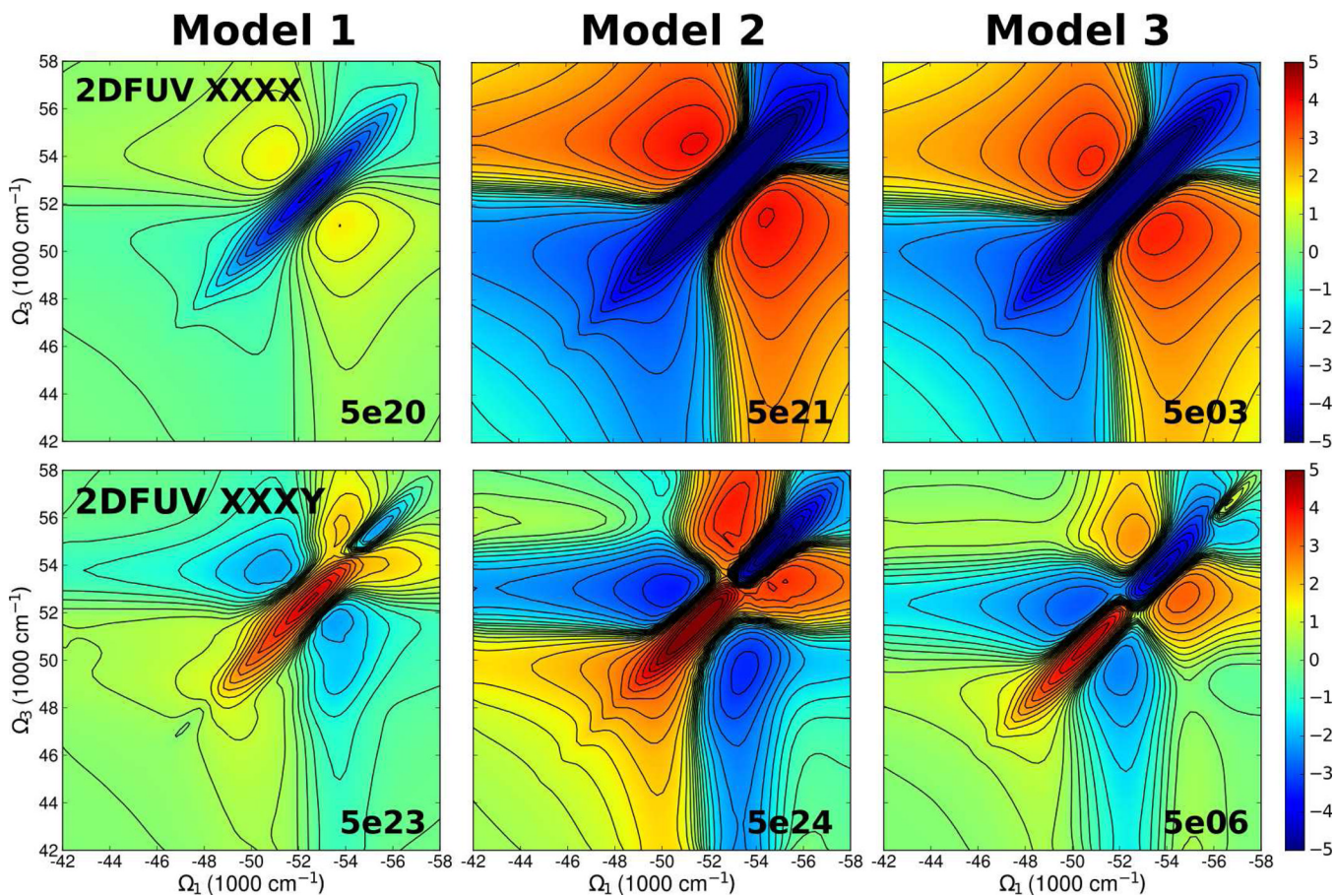
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In the original manuscript, the Tyrosine (Y) residue was labeled as Y9. The correct label is Y10.

**Page 9814.** In **Fig. 8**, the 2DFUV signals of Model 1 only included the contributions from the backbone (1) whereas Models 2 and 3 included the side chains. To make a fair comparison, we have recalculated the 2DFUV signals of Model 1 with the contributions from the backbone and side chains. These are shown in revised Fig. Figure 1. Major features of the (*xxx*) and (*xxxy*) spectra remain unaltered. Its chiral-induced (*xxxy*) spectrum now shows a symmetric shape with two peaks along the diagonal: a peak in  $52000\text{ cm}^{-1}$  which is characteristic of a  $\beta$ -sheet content structure. An additional peak appears at  $56000\text{ cm}^{-1}$  that makes a butterfly-shape for the signal similar to Model 2 but with the  $52000\text{ cm}^{-1}$  and  $56000\text{ cm}^{-1}$  peaks elongated along the diagonal, respectively.

### References

1. Jiang J, Abramavicius D, Falvo C, Bulheller BM, Hirst JD, Mukamel S. *J. Phys. Chem. B*. 2010; 114(37):12150–12156. [PubMed: 20795695]



**Figure 1.**  
 2DFUV non-chiral (xxxx) (top) and chiral-induced (xxxy) (bottom) spectra of amyloid fibril models used in our study.