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In the interest of transparency and to help readers form their own judgements of potential bias, Nature Research journals require authors to declare any competing financial and/or non-financial interest in relation to the work described in the submitted manuscript.

No, I declare that the authors have no competing financial or non-financial interests as defined by Nature Research.

Yes, I declare that the authors have a competing interest as defined by Nature Research

BB is an employee at Domain Therapeutic NA, a company focused on GPCR drug discovery that sells and licenses the cell signaling kit use in this study

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All manuscripts must include a [data availability statement](#). This statement should provide the following information, where applicable:

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- A description of any restrictions on data availability

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Present data in a format that shows data distribution (dot-plots or box-and-whisker plots).

Define all box-plot elements (e.g. center line, median; box limits, upper and lower quartiles; whiskers, 1.5x interquartile range; points, outliers).

If using bar graphs, overlay the corresponding dot plots.

Confirm that all data presentation meets these requirements and that individual data points are shown.

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For all macromolecular structures studied, confirm that you have provided an official validation report from wwPDB.

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Typed signature Raymond C. Stevens

Date 08/10/2018

8/28/2018

