**Dear** Phillip**,**

**Thanks for the opportunity to further increase the quality of our protocol. We have addressed and amended all your editorial comments (in bold in both the text and this point by point answer).**

**We hope this last version will be acceptable for publication in JoVe.**

**With best regards,**

**Dr. Sergi Padilla-Parra**

**Editorial comments:**  
  
1. 1.6: It’s unclear what “Na/K pPhosphate“ is.

**We have now added the right recipe for the buffer**

2. 1.7: Can you provide a few more details about sonicating (times, power, etc.).

**Sonication: Sonics Vibra Cell 500 Watt, 20kHz. 40% amplitude, 9s on 11s off for 15 mins. Now added in the text**

3. 1.11: Around where does this protein elute?

**The protein has its peak elution at 87.71 mL on an s200 16/60.**

4. 2.4: Can you clarify what ‘Calculate the BB concentration’ means?

**As referred in the manuscript BB is the dimerizer drug. We mean that one needs to calculate the final volume in the observation chamber (now clarified in the text).**

5. Figure 2: Are the images here the intensities, brighnesses, and mean intensity profiles of the first frame, as they are in Figure 3?

**Yes**

6. Figure 3b: What is the fitted curve?

**The fitted curve is a sigmoidal function to stress the tendency toward dimerization after addition of the dimerizer drug (BB). We have included this info in the legend now.**

7. Figure 4a: It looks like the bottom two frames are not the first frame, but rather a frame from 34-37 seconds.

**The editor is right is this has been corrected**

8. Figure 4b: You have t = 47 seconds in the legend, but it looks like it should be somewhere from 34 to 37 s.

**The editor is right. This error came from the first version of the manuscript now corrected.**

9. Note that text written in the Equation Editor will be formatted differently from the rest of the text; therefore it is recommended that all such inline text be rewritten in Calibri (the separated equations will look fine, though).

**We have changed the Equation editor for Calibri in the text.**

10. Please check that the access type (standard versus open) is correct. Generally, UK funding agencies require open access, but there are exceptions.

**Thanks for the reminder. It is alright**