The new and modified text in the revised manuscript is highlighted in red. We have responded in a point-by-point manner to all comments as detailed below.

**Editorial comments:**  
1. The current highlighted protocol, when formatted according to JoVE guidelines (12 pt Calibri font, spaces between each step/substep, all text aligned to the left margin; see attached) is ~3.5 pages; our limit for filming and video length purposes is 2.75 pages. Please reduce the highlighted portion of the protocol.

*The highlighted part of the protocol was reduced.*2. 2-3: This could be reorganized and clarified a bit more; for one, please also mention how the KYF peptide without FITC is prepared/purified. Additionally, 2.2 and 3 are essentially identical, except that KYF-FITC is added in 2.2-perhaps these could be consolidated (this will also reduce the highlighted length).

*The parts were reorganized and combined, edited for clarity.*  
3. 4.1: Where do these cell lines come from? They aren’t in the Table of Materials.

*The cell lines were added to the Table of Materials.*4. 5.3: Step 2.8 (currently 2.1.8) doesn’t seem to have anything to do with prepping samples for AAS; please check. Please also provide a reference for AAS.

*The 2.1.8 step was corrected to 2.2. The reference for AAS was added to the protocol.*