

**Luminescence resonance energy transfer between genetically encoded
donor and acceptor for protein-protein interaction studies in the
molecular chaperone HSP70/HSP90 complexes**

Kaushik Bhattacharya, Lilia Bernasconi, and Didier Picard

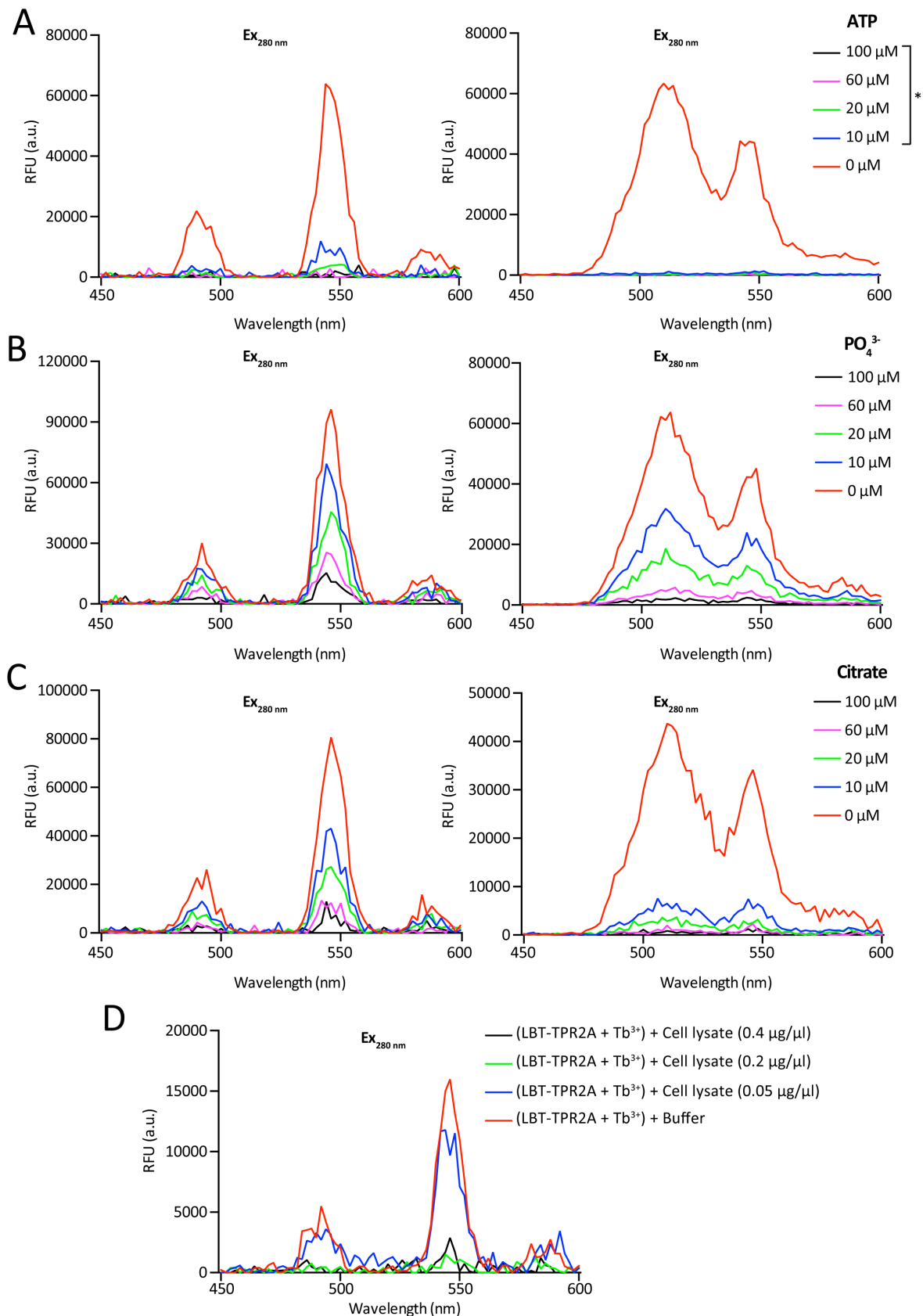
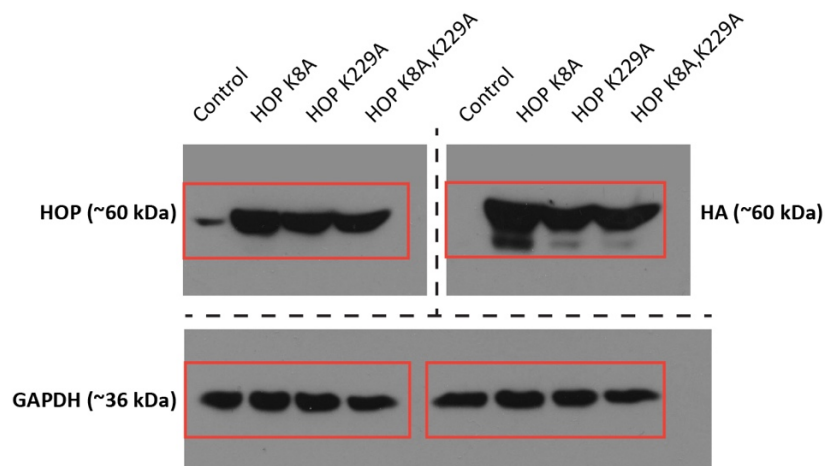


Figure S1. Limitations of the LRET assay. Tb³⁺ luminescence (with LBT-TPR2A) and intramolecular LRET (with LBT-EGFP) profiles of titration experiments with intracellularly abundant negatively charged molecules as indicated: **(A)** ATP, **(B)** PO₄³⁻, and **(C)** citrate. **(D)** Tb³⁺ luminescence (with LBT-TPR2A) in the presence of increasing concentrations of mammalian cell lysates. In panel **A**, an asterisk points out the lines that indistinguishably overlap at the level of the X-axis.

HOP, HA and GAPDH in Fig. 5B



HA, HSP70 and HSP90α in Fig. 5C

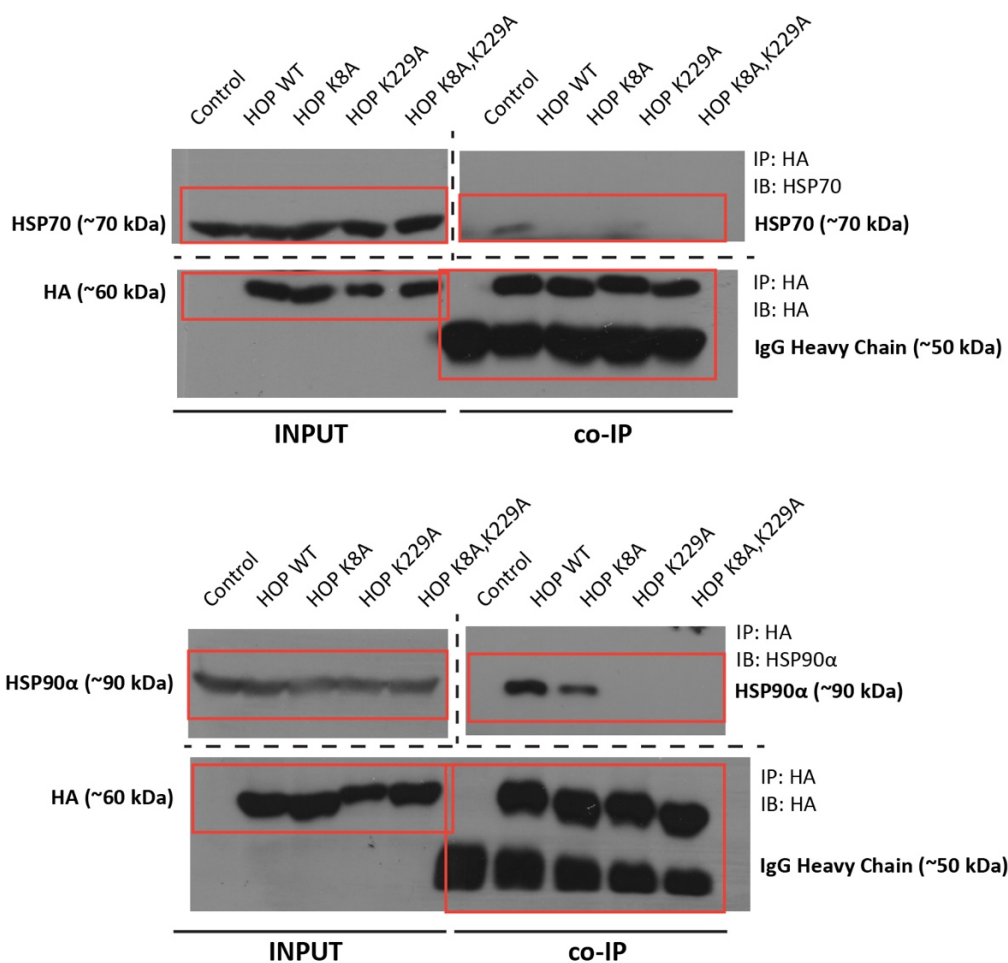


Figure S2. Uncropped original images of the immunoblots of Fig. 5. The nitrocellulose membranes were dissected as indicated by the dashed lines and incubated with different antibodies. Red boxes indicate image areas shown in the indicated panels.