## **Description of Additional Supplementary Files**

File Name: Supplementary Movie 1

Description: 3D variability analysis of ABL-bound PTH1R-Gs complex, related to Figures 2.

File Name: Supplementary Movie 2

Description: 3D variability analysis of PTH-bound PTH1R-Gs complex, related to Figures 2.

File Name: Supplementary Movie 3

Description: 3D variability analysis of LA-PTH-bound PTH1R-Gs complex, related to Figures 2.