## **Description of Additional Supplementary Files**

File name: Supplementary Movie 1 (related to Supplementary Figure 13). Description: Movie illustrating the movements along the first principal component (PC1) for apo-PGP.

File name: Supplementary Movie 2 (related to Supplementary Figure 13). Description: Movie illustrating the movements along the second principal component (PC2) for apo-PGP.

File name: Supplementary Movie 3 (related to Supplementary Figure 13). Description: Movie illustrating the movements along the first principal component (PC1) for CP1-PGP.

File name: Supplementary Movie 4 (related to Supplementary Figure 13). Description: Movie illustrating the movements along the second principal component (PC2) for CP1-PGP.