|  |  |
| --- | --- |
| **Supplementary Data 1** | MD code for WT |
| **Supplementary Data 2** | Initial structure molecular dynamics of WT |
| Supplementary Data 3 | Molecular dynamics snapshot of WT at 1 microsecond |
| **Supplementary Data 4** | Molecular dynamics snapshot of WT at 1.5 microsecond |
| **Supplementary Data 5** | Molecular dynamics snapshot of WT at 4 microsecond |
| **Supplementary Data 6** | MD code for Y189A |
| **Supplementary Data 7** | Initial structure molecular dynamics of Y189A |
| Supplementary Data 8 | Molecular dynamics snapshot of Y189A at 1 microsecond |

1: J:\Thanyaporn\_Wongnate\C1\_new\5zyr\_R222chainA\_HPA\_mode2\_1\_9\pre\_run

2: J:\Thanyaporn\_Wongnate\C1\_new\5zyr\_R222chainA\_HPA\_mode2\_1\_9\pre\_run\extract\_dcd

6: J:\Thanyaporn\_Wongnate\C1\_new\Y189A\_R222chainA\_HPA\_mode2\pre\_run

7: J:\Thanyaporn\_Wongnate\C1\_new\Y189A\_R222chainA\_HPA\_mode2\pre\_run

Red: Aj. Narin

Green: Surawit