**S2 Table. RMSDs (Å) of Coq6p homology models prior MD simulations and related templates (calculated with Superpose version 1.0, http://wishart.biology.ualberta.ca/SuperPose/help.html).**

|  |  |  |  |
| --- | --- | --- | --- |
| **Reference structure** | **Comparison structure** | **RMSD Ca** | **RMSD Main Chain** |
| Coq6\_MODELLER | Coq6\_ITASSER | 6,39 | 6,33 |
| Coq6\_MODELLER | Coq6\_ROBETTA | 6,53 | 6,53 |
| Coq6\_ITASSER | Coq6\_ROBETTA | 7,61 | 7,55 |
| Coq6\_MODELLER  | 1PBE | 15,47 | 15,36 |
| 1PBE | 2X3N | 13,18 | 13,14 |
| 1PBE | 4K22 | 7,73 | 7,66 |
| 1PBE | 4N9X | 7,42 | 7,34 |