

Supplementary Information

Figure S1. Structure evaluation of the homology model. (A) Ramachandran plot of the P186_1588 model. The different color codes indicate most favored (red), generously allowed (dark yellow), additional allowed (light yellow), and disallowed (white) regions. 89.4% of the residues were in the most favored regions, 8.8% in additional allowed regions, and 0.0% in disallowed regions; (B) Structure evaluation by ProSA.

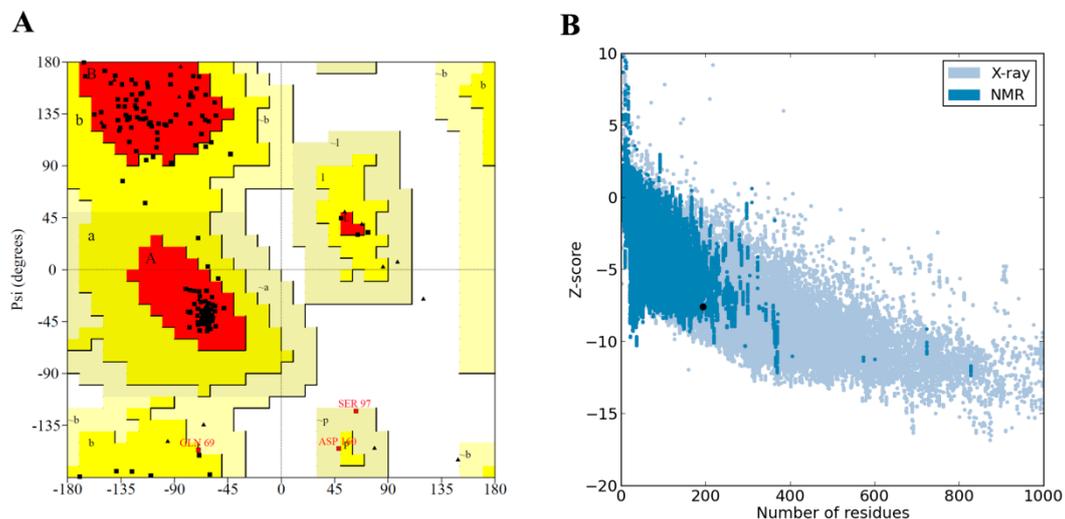


Figure S2. The two flexible regions (A1 and A2) in P186_1588. The A1 region consisted of residues 64–68, and was marked with light blue; The A2 region consisted of residues 144–156, and was marked with cyan. The catalytic residues (Ser97, Asp147 and His172) were marked with red.

