

Supplementary Data 1:

Test set of 99 cryo-EM maps and the main evaluation results by different methods.

Supplementary Data 2:

Training set of 1539 cryo-EM maps

Supplementary Data 3:

Cryo-EM maps with no PDB-deposited structures (and EModelX was applied on these maps).

Supplementary Data 4:

Atomic models built for test maps

Supplementary Data 5:

Atomic models built for maps with no fitted pdb