

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

EMBuilder

RRID:SCR_018557

Type: Tool

Proper Citation

EMBuilder (RRID:SCR_018557)

Resource Information

URL: <https://github.com/NiyunZhou/EMBuilder>

Proper Citation: EMBuild (RRID:SCR_018557)

Description: Software tool as model building program for cryo-electron microscopy. Processes cryoEM maps through secondary structure stage and C?? stageA. Template matching based automatic model building program for high resolution Cryo-Electron Microscopy maps.

Resource Type: data processing software, software application, software resource

Defining Citation: [DOI:s41598-017-02725-w](#)

Keywords: Model building program, cryo electron microscopy, processing cryoEM map, secondary structure, template matching, cryo electron microscopy map

Funding: Chinese Ministry of Science and Technology

Availability: Free, Available for download, Freely available

Resource Name: EMBuild

Resource ID: SCR_018557

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260821T194130+0000

Ratings and Alerts

No rating or validation information has been found for EMBuild.

No alerts have been found for EMBuild.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Fan P, et al. (2024) A pan-orthoebolavirus neutralizing antibody encoded by mRNA effectively prevents virus infection. Emerging microbes & infections, 13(1), 2432366.

Wang C, et al. (2022) Structural basis of bacteriophage lambda capsid maturation. Structure (London, England : 1993), 30(4), 637.

Guan H, et al. (2020) Cryo-EM structures of the human PA200 and PA200-20S complex reveal regulation of proteasome gate opening and two PA200 apertures. PLoS biology, 18(3), e3000654.