



Protein Data Bank in Europe

Bringing Structure to Biology

Examples: [hemoglobin](#), [BRCA1_HUMAN](#)

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EMDB › EMD-3488

CryoEM structure of haemoglobin at 3.2 Å determined with the Volta phase plate

Source organism: *Homo sapiens* [9606]

Fitted atomic model: [5me2](#)

Related EM entry by publication: [EMD-3650](#), [EMD-3651](#)

Related EMPIAR entry: [EMPIAR-10084](#)

Primary publication:

Cryo-EM structure of haemoglobin at 3.2 angstrom determined with the Volta phase plate.

Khoshouei M, Radjainia M, Baumeister W, Danev R

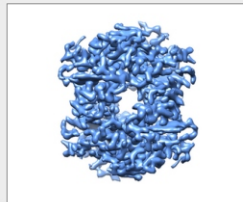
Nat Commun **8** 16099-16099 (2017)

PMID: [28665412](#)

Single particle reconstruction 3.2Å resolution

Map released: 2016-11-23

Last modified: 2017-07-19



Function and Biology

[Details](#)

Sample name: Haemoglobin
Protein: Haemoglobin

Experimental Information

[Details](#)

Resolution: 3.2Å
Resolution method: FSC 0.143 CUT-OFF
Reconstruction software: RELION
Microscope: FEI TITAN KRIOS
Detector: GATAN K2 SUMMIT (4k x 4k)

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