

Scientific test: Protein Data Bank diagnostic

AUTHOR AND DATE

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FAILURES

The PDB diagnostic was run on **227,665** PDB files. **213,961** files passed the test and **13,704** failed!

PURPOSE OF THE TEST

This test tries to load every PDB file in the PDB database and classifies the failures that occur. The command line below shows what was done; broadly all versions of this test examine load-time problems and more expensive versions (`-PDB_diagnostic::skip_pack_and_min false`) also check for errors during scoring, packing, and minimization.

"Hunting down these bugs is the most fun thing you can do on a Thursday morning" - Andy Watkins, probably.

An individual PDB passes or fails this test based on whether it errors out or completes the diagnostic. The test as a whole passes or fails based on a "reference results" system, like an expected result in a unit test. About 700 PDBs and 1200 CIFs fail at the time of this writing; the purpose of the test is to document the failures and watch for new ones, so PDBs failing in an expected manner does not constitute an overall test failure. The test will fail if PDBs pass or fail **UNEXPECTEDLY**, where the expectation is defined by the reference results (see below).

If you find that this page is telling you the test failed because there are **FEWER** errors: **GREAT!** You fixed some bugs! You can update the reference results following the instructions at the bottom of the page.

If you find that there are **MORE** failures than expected, especially non-timeout failures, consider it a warning that recent code changes may have introduced bugs into the PDB reading machinery. If you don't know what's going on: post to Slack or devel. **DO NOT** just update the reference results in this case.

If you want to know more about what this test does - pester Steven Lewis to write proper documentation.

Command line used: `/home/benchmark/w/rosetta-2.hpc-b/rosetta/commits/rosetta/source/test/timelimit.py 32 /home/benchmark/w/rosetta-2.hpc-b/rosetta/commits/rosetta/source/bin/`

```
PDB_diagnostic.default.linuxclangrelease -no_color -out:file:score_only /dev/null -jd2::delete_old_poses
true -ignore_unrecognized_res false -load_PDB_components true -packing::pack_missing_sidechains
false -packing::repack_only true -s {input_file} -ignore_zero_occupancy false -in:file:obey_ENDMDL true
-PDB_diagnostic::skip_pack_and_min false -PDB_diagnostic::reading_only false
```

13,704 total PDBs failed with the following error codes:

```
10,737 unrecognized_residue
720 fill_missing_atoms
498 zero_length_xyzVector
249 missing_disulfide_partner
241 rotlib_file
208 bad_patch
168 duplicate_atom_name
144 pseudobond_connection_change
130 unknown
108 no_orient_atoms
107 missing_bond
100 aa_difference
73 prepro_cyclic_pep
66 unknown_atom_name
33 zero_atom_restype
30 reroot_disconnected
20 exceed_timeout
18 nu_conformer
17 alias_missing_atom
11 no_usable_coords
10 unknown_hbond_acceptor
5 base_of_chi
5 merge_with_next
4 insufficient_mainchain
1 no_hbond_deriv
1 partly_recognized
```

Test marked as **FAILED** due to following errors:

PDB [114D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [114D](#)

PDB [159D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [159D](#)

PDB [199D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [199D](#)

PDB [1A1V](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1A1V](#)

PDB [1A8R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1A8R](#)

PDB [1A9C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1A9C](#)

PDB [1AII](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1AII](#)

PDB [1AQ2](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1AQ2](#)

PDB [1AW8](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1AW8](#)

PDB [1B9U](#) was passing test before but now failed with [aa_difference](#) error! Its run-log could be found in [1B9U](#)

PDB [1BPY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1BPY](#)

PDB [1BSU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1BSU](#)

PDB [1BUA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1BUA](#)

PDB [1COK](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [1COK](#)

[illegible]

be found in [1FFX](#)
PDB [1FRW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1FRW](#)
PDB [1FVG](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [1FVG](#)
PDB [1GKM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GKM](#)
PDB [1GO9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GO9](#)
PDB [1GWN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GWN](#)
PDB [1GX5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GX5](#)
PDB [1GX6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GX6](#)
PDB [1H16](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1H16](#)
PDB [1H18](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1H18](#)
PDB [1H7G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1H7G](#)
PDB [1HC8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1HC8](#)
PDB [1HI0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1HI0](#)
PDB [1HO6](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1HO6](#)
PDB [1HQJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1HQJ](#)
PDB [1I52](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1I52](#)
PDB [1I72](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1I72](#)
PDB [1I79](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1I79](#)
PDB [1I7B](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1I7B](#)
PDB [1I7C](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1I7C](#)
PDB [1I7M](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1I7M](#)
PDB [1I7Q](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1I7Q](#)
PDB [1IA0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1IA0](#)
PDB [1IBT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1IBT](#)
PDB [1IBU](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1IBU](#)
PDB [1IBV](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1IBV](#)
PDB [1IBW](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1IBW](#)
PDB [1IDX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1IDX](#)
PDB [1IE3](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1IE3](#)
PDB [1IG9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1IG9](#)
PDB [1IGW](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1IGW](#)
PDB [1I11](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1I11](#)
PDB [1IZC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1IZC](#)
PDB [1J2J](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1J2J](#)
PDB [1J8Z](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [1J8Z](#)

PDB [1JEN](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1JEN](#)

PDB [1JFF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1JFF](#)

PDB [1JLR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1JLR](#)

PDB [1JS5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1JS5](#)

PDB [1JS7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1JS7](#)

PDB [1JUX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1JUX](#)

PDB [1K1R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1K1R](#)

PDB [1K3C](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1K3C](#)

PDB [1KBI](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1KBI](#)

PDB [1KDT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1KDT](#)

PDB [1KFD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1KFD](#)

PDB [1KQE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1KQE](#)

PDB [1KSG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1KSG](#)

PDB [1KSJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1KSJ](#)

PDB [1L2X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1L2X](#)

PDB [1L3D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1L3D](#)

PDB [1L4X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1L4X](#)

PDB [1LDC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1LDC](#)

PDB [1LOO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1LOO](#)

PDB [1M5K](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1M5K](#)

PDB [1M7B](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1M7B](#)

PDB [1MHM](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1MHM](#)

PDB [1MIY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1MIY](#)

PDB [1MQ2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1MQ2](#)

PDB [1MQ3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1MQ3](#)

PDB [1MRF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1MRF](#)

PDB [1MT1](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1MT1](#)

PDB [1MWJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1MWJ](#)

PDB [1MZO](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1MZO](#)

PDB [1N13](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1N13](#)

PDB [1N3R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1N3R](#)

PDB [1N3S](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1N3S](#)

PDB [1N3T](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1N3T](#)

PDB [1N5Y](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [1N5Y](#)

PDB [1N6L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could

be found in [1N6L](#)
 PDB [1N6Q](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [1N6Q](#)
 PDB [1NB6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NB6](#)
 PDB [1NH3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NH3](#)
 PDB [1NN0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NN0](#)
 PDB [1NN1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NN1](#)
 PDB [1NN3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NN3](#)
 PDB [1NN5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NN5](#)
 PDB [1NRJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NRJ](#)
 PDB [1NTQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NTQ](#)
 PDB [1NVU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NVU](#)
 PDB [1NVX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1NVX](#)
 PDB [1O3Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1O3Y](#)
 PDB [1O5Q](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1O5Q](#)
 PDB [1OS1](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1OS1](#)
 PDB [1P16](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1P16](#)
 PDB [1P4T](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1P4T](#)
 PDB [1P7T](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1P7T](#)
 PDB [1PFE](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [1PFE](#)
 PDB [1PH7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1PH7](#)
 PDB [1PIP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1PIP](#)
 PDB [1PJ3](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1PJ3](#)
 PDB [1PJP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1PJP](#)
 PDB [1PKN](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1PKN](#)
 PDB [1PLK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1PLK](#)
 PDB [1PY0](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [1PY0](#)
 PDB [1PYA](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1PYA](#)
 PDB [1Q9Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1Q9Y](#)
 PDB [1QE7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1QE7](#)
 PDB [1QGX](#) was passing test before but now failed with [missing_disulfide_partner](#) error! Its run-log could be found in [1QGX](#)
 PDB [1QH9](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [1QH9](#)
 PDB [1QKI](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1QKI](#)
 PDB [1QLN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1QLN](#)
 PDB [1QRA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1QRA](#)
 PDB [1QSS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1QSS](#)

[illegible]

[illegible]

[illegible]

[illegible]

PDB [2BE9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2BE9](#)

PDB [2BKU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2BKU](#)

PDB [2BNF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2BNF](#)

PDB [2BTO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2BTO](#)

PDB [2C2R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2C2R](#)

PDB [2C30](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2C30](#)

PDB [2C3U](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2C3U](#)

PDB [2C42](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2C42](#)

PDB [2C5L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2C5L](#)

PDB [2CL7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2CL7](#)

PDB [2CLC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2CLC](#)

PDB [2CLS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2CLS](#)

PDB [2D3Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2D3Y](#)

PDB [2D7C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2D7C](#)

PDB [2DP7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2DP7](#)

PDB [2DPB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2DPB](#)

PDB [2DPI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2DPI](#)

PDB [2DR8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2DR8](#)

PDB [2DVI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2DVI](#)

PDB [2DY1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2DY1](#)

PDB [2E2H](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2E2H](#)

PDB [2E77](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2E77](#)

PDB [2E9Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2E9Z](#)

PDB [2EAK](#) was passing test before but now failed with [missing_disulfide_partner](#) error! Its run-log could be found in [2EAK](#)

PDB [2EE0](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2EE0](#)

PDB [2EZ8](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2EZ8](#)

PDB [2EZT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2EZT](#)

PDB [2EZU](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2EZU](#)

PDB [2F55](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2F55](#)

PDB [2FB3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FB3](#)

PDB [2FC0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FC0](#)

PDB [2FCI](#) was passing test before but now failed with [aa_difference](#) error! Its run-log could be found in [2FCI](#)

PDB [2FH5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FH5](#)

PDB [2FLL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FLL](#)

PDB [2FLN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could

be found in [2FLN](#)
PDB [2FLP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FLP](#)
PDB [2FLT](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2FLT](#)
PDB [2FMP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FMP](#)
PDB [2FN1](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2FN1](#)
PDB [2FN7](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2FN7](#)
PDB [2FP4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FP4](#)
PDB [2FZC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FZC](#)
PDB [2FZG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FZG](#)
PDB [2FZK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2FZK](#)
PDB [2G50](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2G50](#)
PDB [2G5F](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2G5F](#)
PDB [2GDI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GDI](#)
PDB [2GIL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GIL](#)
PDB [2GIW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GIW](#)
PDB [2GXB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GXB](#)
PDB [2GZD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GZD](#)
PDB [2GZH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GZH](#)
PDB [2H2Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2H2Q](#)
PDB [2H57](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2H57](#)
PDB [2H8P](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2H8P](#)
PDB [2H9D](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2H9D](#)
PDB [2HFE](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2HFE](#)
PDB [2HG5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2HG5](#)
PDB [2HHW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HHW](#)
PDB [2HV8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HV8](#)
PDB [2HVH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HVH](#)
PDB [2HVI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HVI](#)
PDB [2HXF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HXF](#)
PDB [2HXH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HXH](#)
PDB [2HZL](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2HZL](#)
PDB [2I5S](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2I5S](#)
PDB [2I9G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2I9G](#)
PDB [2ICX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2ICX](#)
PDB [2IKF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2IKF](#)

PDB [2ILZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2ILZ](#)

PDB [2IMO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2IMO](#)

PDB [2IM1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2IM1](#)

PDB [2IM2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2IM2](#)

PDB [2IM3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2IM3](#)

PDB [2IMP](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2IMP](#)

PDB [2IO9](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [2IO9](#)

PDB [2IRX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2IRX](#)

PDB [2ISO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2ISO](#)

PDB [2ISP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2ISP](#)

PDB [2J4L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2J4L](#)

PDB [2J59](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2J59](#)

PDB [2J7Q](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2J7Q](#)

PDB [2J7W](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2J7W](#)

PDB [2JAO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2JAO](#)

PDB [2JEG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2JEG](#)

PDB [2JH9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2JH9](#)

PDB [2JIS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2JIS](#)

PDB [2JLG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2JLG](#)

PDB [2K9E](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2K9E](#)

PDB [2KID](#) was passing test before but now failed with [rotlib_file](#) error! Its run-log could be found in [2KID](#)

PDB [2KKA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2KKA](#)

PDB [2KOW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2KOW](#)

PDB [2KSQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2KSQ](#)

PDB [2KTQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2KTQ](#)

PDB [2KZD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2KZD](#)

PDB [2KZE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2KZE](#)

PDB [2LBU](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2LBU](#)

PDB [2LE6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2LE6](#)

PDB [2LZV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2LZV](#)

PDB [2M2W](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2M2W](#)

PDB [2M58](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2M58](#)

PDB [2NLI](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2NLI](#)

PDB [2NUY](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2NUY](#)

PDB [2NVZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could

be found in [2NVZ](#)
PDB [2NZ4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2NZ4](#)
PDB [2O8D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2O8D](#)
PDB [2O99](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2O99](#)
PDB [209A](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [209A](#)
PDB [2OEU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2OEU](#)
PDB [2OH5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2OH5](#)
PDB [2OH6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2OH6](#)
PDB [2OH7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2OH7](#)
PDB [2OMG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2OMG](#)
PDB [2ORH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2ORH](#)
PDB [2OZO](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2OZO](#)
PDB [2OZM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2OZM](#)
PDB [2OZS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2OZS](#)
PDB [2P1E](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2P1E](#)
PDB [2P4N](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2P4N](#)
PDB [2PDA](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2PDA](#)
PDB [2PX3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2PX3](#)
PDB [2PXA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2PXA](#)
PDB [2PXI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2PXI](#)
PDB [2PYJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2PYJ](#)
PDB [2PYL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2PYL](#)
PDB [2Q0C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2Q0C](#)
PDB [2Q0E](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2Q0E](#)
PDB [2Q0F](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2Q0F](#)
PDB [2QAG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2QAG](#)
PDB [2QEY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2QEY](#)
PDB [2QF2](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2QF2](#)
PDB [2QQC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2QQC](#)
PDB [2QQD](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2QQD](#)
PDB [2QUS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2QUS](#)
PDB [2QUW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2QUW](#)
PDB [2QV6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2QV6](#)
PDB [2R7W](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2R7W](#)
PDB [2R7X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2R7X](#)

PDB [2R94](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2R94](#)

PDB [2RAP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2RAP](#)

PDB [2RRC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2RRC](#)

PDB [2RUI](#) was passing test before but now failed with [rotlib_file](#) error! Its run-log could be found in [2RUI](#)

PDB [2UZI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2UZI](#)

PDB [2V4Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2V4Y](#)

PDB [2V55](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2V55](#)

PDB [2VAH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2VAH](#)

PDB [2VAI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2VAI](#)

PDB [2VH5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2VH5](#)

PDB [2VHX](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2VHX](#)

PDB [2VK1](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2VK1](#)

PDB [2VP9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2VP9](#)

PDB [2VPA](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2VPA](#)

PDB [2VWJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2VWJ](#)

PDB [2VWT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2VWT](#)

PDB [2W2V](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W2V](#)

PDB [2W35](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W35](#)

PDB [2W36](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W36](#)

PDB [2W83](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W83](#)

PDB [2W8K](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W8K](#)

PDB [2W8L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W8L](#)

PDB [2W9A](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W9A](#)

PDB [2W9B](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W9B](#)

PDB [2W9C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2W9C](#)

PDB [2WBE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2WBE](#)

PDB [2WDT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2WDT](#)

PDB [2WKJ](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2WKJ](#)

PDB [2WKP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2WKP](#)

PDB [2WKQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2WKQ](#)

PDB [2WKR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2WKR](#)

PDB [2WMO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2WMO](#)

PDB [2WNZ](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2WNZ](#)

PDB [2WVA](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2WVA](#)

PDB [2X19](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could

be found in [2X19](#)
 PDB [2X60](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2X60](#)
 PDB [2XCA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2XCA](#)
 PDB [2XCP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2XCP](#)
 PDB [2XFW](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2XFW](#)
 PDB [2XHB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2XHB](#)
 PDB [2XI3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2XI3](#)
 PDB [2XR5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2XR5](#)
 PDB [2XRP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2XRP](#)
 PDB [2XTN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2XTN](#)
 PDB [2XWL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2XWL](#)
 PDB [2XWN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2XWN](#)
 PDB [2XZ9](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2XZ9](#)
 PDB [2Y4J](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2Y4J](#)
 PDB [2Y6P](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2Y6P](#)
 PDB [2Y92](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [2Y92](#)
 PDB [2YIE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2YIE](#)
 PDB [2YIF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2YIF](#)
 PDB [2YU9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2YU9](#)
 PDB [2YWG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2YWG](#)
 PDB [2ZET](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2ZET](#)
 PDB [2ZHA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2ZHA](#)
 PDB [2ZZV](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2ZZV](#)
 PDB [2ZZW](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2ZZW](#)
 PDB [2ZZX](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2ZZX](#)
 PDB [304D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [304D](#)
 PDB [305D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [305D](#)
 PDB [306D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [306D](#)
 PDB [358D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [358D](#)
 PDB [367D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [367D](#)
 PDB [375D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [375D](#)
 PDB [3A4V](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3A4V](#)
 PDB [3A6P](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3A6P](#)
 PDB [3ABO](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3ABO](#)
 PDB [3ABS](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3ABS](#)

PDB [3AL1](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3AL1](#)

PDB [3AU6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3AU6](#)

PDB [3AUO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3AUO](#)

PDB [3BBP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3BBP](#)

PDB [3BDP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3BDP](#)

PDB [3BG3](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3BG3](#)

PDB [3BG5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3BG5](#)

PDB [3BJY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3BJY](#)

PDB [3BLF](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3BLF](#)

PDB [3BLI](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3BLI](#)

PDB [3BO2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3BO2](#)

PDB [3BO3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3BO3](#)

PDB [3BO4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3BO4](#)

PDB [3BP2](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3BP2](#)

PDB [3BSO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3BSO](#)

PDB [3BTY](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [3BTY](#)

PDB [3BUC](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [3BUC](#)

PDB [3C3G](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [3C3G](#)

PDB [3C5G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3C5G](#)

PDB [3C7D](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3C7D](#)

PDB [3CE4](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3CE4](#)

PDB [3CFP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3CFP](#)

PDB [3CFR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3CFR](#)

PDB [3CNN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3CNN](#)

PDB [3CUL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3CUL](#)

PDB [3CUN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3CUN](#)

PDB [3CWZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3CWZ](#)

PDB [3D4P](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3D4P](#)

PDB [3DCO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3DCO](#)

PDB [3DI1](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3DI1](#)

PDB [3DIR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3DIR](#)

PDB [3DOE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3DOE](#)

PDB [3DOF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3DOF](#)

PDB [3DT2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3DT2](#)

PDB [3DT4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could

PDB [3DT7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3DT7](#)

PDB [3DV0](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [3DV0](#)

PDB [3DZ3](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [3DZ3](#)

PDB [3DZ5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3DZ5](#)

PDB [3DZ7](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [3DZ7](#)

PDB [3DZL](#) was passing test before but now failed with `[[alias_missing_atom]]` error! Its run-log could be found in [\[\[3DZL\]\]](#)

PDB [3E22](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3E22](#)

PDB [3E5F](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3E5F](#)

PDB [3EK5](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [3EK5](#)

PDB [3EP4](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [3EP4](#)

PDB [3EP6](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [3EP6](#)

PDB [3EP8](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3EP8](#)

PDB [3EPA](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [3EPA](#)

PDB [3EPG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3EPG](#)

PDB [3ETD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3ETD](#)

PDB [3ETG](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [3ETG](#)

PDB [3EVD](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [3EVD](#)

be found in [Table S1](#) [S2](#) [S3](#) [S4](#) [S5](#) [S6](#) [S7](#) [S8](#) [S9](#) [S10](#) [S11](#) [S12](#) [S13](#) [S14](#) [S15](#) [S16](#) [S17](#) [S18](#) [S19](#) [S20](#) [S21](#) [S22](#) [S23](#) [S24](#) [S25](#) [S26](#) [S27](#) [S28](#) [S29](#) [S30](#) [S31](#) [S32](#) [S33](#) [S34](#) [S35](#) [S36](#) [S37](#) [S38](#) [S39](#) [S40](#) [S41](#) [S42](#) [S43](#) [S44](#) [S45](#) [S46](#) [S47](#) [S48](#) [S49](#) [S50](#) [S51](#) [S52](#) [S53](#) [S54](#) [S55](#) [S56](#) [S57](#) [S58](#) [S59](#) [S60](#) [S61](#) [S62](#) [S63](#) [S64](#) [S65](#) [S66](#) [S67](#) [S68](#) [S69](#) [S70](#) [S71](#) [S72](#) [S73](#) [S74](#) [S75](#) [S76](#) [S77](#) [S78](#) [S79](#) [S80](#) [S81](#) [S82](#) [S83](#) [S84](#) [S85](#) [S86](#) [S87](#) [S88](#) [S89](#) [S90](#) [S91](#) [S92](#) [S93](#) [S94](#) [S95](#) [S96](#) [S97](#) [S98](#) [S99](#) [S100](#) [S101](#) [S102](#) [S103](#) [S104](#) [S105](#) [S106](#) [S107](#) [S108](#) [S109](#) [S110](#) [S111](#) [S112](#) [S113](#) [S114](#) [S115](#) [S116](#) [S117](#) [S118](#) [S119](#) [S120](#) [S121](#) [S122](#) [S123](#) [S124](#) [S125](#) [S126](#) [S127](#) [S128](#) [S129](#) [S130](#) [S131](#) [S132](#) [S133](#) [S134](#) [S135](#) [S136](#) [S137](#) [S138](#) [S139](#) [S140](#) [S141](#) [S142](#) [S143](#) [S144](#) [S145](#) [S146](#) [S147](#) [S148](#) [S149](#) [S150](#) [S151](#) [S152](#) [S153](#) [S154](#) [S155](#) [S156](#) [S157](#) [S158](#) [S159](#) [S160](#) [S161](#) [S162](#) [S163](#) [S164](#) [S165](#) [S166](#) [S167](#) [S168](#) [S169](#) [S170](#) [S171](#) [S172](#) [S173](#) [S174](#) [S175](#) [S176](#) [S177](#) [S178](#) [S179](#) [S180](#) [S181](#) [S182](#) [S183](#) [S184](#) [S185](#) [S186](#) [S187](#) [S188](#) [S189](#) [S190](#) [S191](#) [S192](#) [S193](#) [S194](#) [S195](#) [S196](#) [S197](#) [S198](#) [S199](#) [S200](#) [S201](#) [S202](#) [S203](#) [S204](#) [S205](#) [S206](#) [S207](#) [S208](#) [S209](#) [S210](#) [S211](#) [S212](#) [S213](#) [S214](#) [S215](#) [S216](#) [S217](#) [S218](#) [S219](#) [S220](#) [S221](#) [S222](#) [S223](#) [S224](#) [S225](#) [S226](#) [S227](#) [S228](#) [S229](#) [S230](#) [S231](#) [S232](#) [S233](#) [S234](#) [S235](#) [S236](#) [S237](#) [S238](#) [S239](#) [S240](#) [S241](#) [S242](#) [S243](#) [S244](#) [S245](#) [S246](#) [S247](#) [S248](#) [S249](#) [S250](#) [S251](#) [S252](#) [S253](#) [S254](#) [S255](#) [S256](#) [S257](#) [S258](#) [S259](#) [S260](#) [S261](#) [S262](#) [S263](#) [S264](#) [S265](#) [S266](#) [S267](#) [S268](#) [S269](#) [S270](#) [S271](#) [S272](#) [S273](#) [S274](#) [S275](#) [S276](#) [S277](#) [S278](#) [S279](#) [S280](#) [S281](#) [S282](#) [S283](#) [S284](#) [S285](#) [S286](#) [S287](#) [S288](#) [S289](#) [S290](#) [S291](#) [S292](#) [S293](#) [S294](#) [S295](#) [S296](#) [S297](#) [S298](#) [S299](#) [S300](#) [S301](#) [S302](#) [S303](#) [S304](#) [S305](#) [S306](#) [S307](#) [S308](#) [S309](#) [S310](#) [S311](#) [S312](#) [S313](#) [S314](#) [S315](#) [S316](#) [S317](#) [S318](#) [S319](#) [S320](#) [S321](#) [S322](#) [S323](#) [S324](#) [S325](#) [S326](#) [S327](#) [S328](#) [S329](#) [S330](#) [S331](#) [S332](#) [S333](#) [S334](#) [S335](#) [S336](#) [S337](#) [S338](#) [S339](#) [S340](#) [S341](#) [S342](#) [S343](#) [S344](#) [S345](#) [S346](#) [S347](#) [S348](#) [S349](#) [S350](#) [S351](#) [S352](#) [S353](#) [S354](#) [S355](#) [S356](#) [S357](#) [S358](#) [S359](#) [S360](#) [S361](#) [S362](#) [S363](#) [S364](#) [S365](#) [S366](#) [S367](#) [S368](#) [S369](#) [S370](#) [S371](#) [S372](#) [S373](#) [S374](#) [S375](#) [S376](#) [S377](#) [S378](#) [S379](#) [S380](#) [S381](#) [S382</](#)

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be found in [3H4B](#)
PDB [3H4D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3H4D](#)
PDB [3H5Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3H5Y](#)
PDB [3H8I](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [3H8I](#)
PDB [3H8L](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [3H8L](#)
PDB [3HEU](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [3HEU](#)
PDB [3HEV](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [3HEV](#)
PDB [3HEX](#) was passing test before but now failed with [prepro_cyclic_pep](#) error! Its run-log could be found in [3HEX](#)
PDB [3HGX](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3HGX](#)
PDB [3HIY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HIY](#)
PDB [3HJ1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HJ1](#)
PDB [3HKB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HKB](#)
PDB [3HKC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HKC](#)
PDB [3HKD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HKD](#)
PDB [3HKE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HKE](#)
PDB [3HP6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HP6](#)
PDB [3HPO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HPO](#)
PDB [3HRD](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [3HRD](#)
PDB [3HT3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HT3](#)
PDB [3HWT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3HWT](#)
PDB [3I7S](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3I7S](#)
PDB [3IAY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3IAY](#)
PDB [3ICQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3ICQ](#)
PDB [3IEW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3IEW](#)
PDB [3IF9](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3IF9](#)
PDB [3IFW](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3IFW](#)
PDB [3IIN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3IIN](#)
PDB [3IN5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3IN5](#)
PDB [3IRW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3IRW](#)
PDB [3IWB](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3IWB](#)
PDB [3IWC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3IWC](#)
PDB [3IWD](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3IWD](#)
PDB [3IZ0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3IZ0](#)
PDB [3J6E](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3J6E](#)
PDB [3J6F](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3J6F](#)

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be found in [3K57](#)
PDB [3K58](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3K58](#)
PDB [3K59](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3K59](#)
PDB [3K5L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3K5L](#)
PDB [3K8D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3K8D](#)
PDB [3KB6](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [3KB6](#)
PDB [3KHG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3KHG](#)
PDB [3KHH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3KHH](#)
PDB [3KHL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3KHL](#)
PDB [3KHR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3KHR](#)
PDB [3KJV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3KJV](#)
PDB [3KK1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3KK1](#)
PDB [3KK2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3KK2](#)
PDB [3KLG](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [3KLG](#)
PDB [3KTQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3KTQ](#)
PDB [3KVF](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3KVF](#)
PDB [3KW5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3KW5](#)
PDB [3L21](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3L21](#)
PDB [3L24](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3L24](#)
PDB [3L3C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3L3C](#)
PDB [3LDH](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3LDH](#)
PDB [3LDS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3LDS](#)
PDB [3LDU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3LDU](#)
PDB [3LRN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3LRN](#)
PDB [3LWL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3LWL](#)
PDB [3LWM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3LWM](#)
PDB [3LZI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3LZI](#)
PDB [3LZJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3LZJ](#)
PDB [3M1I](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3M1I](#)
PDB [3M8R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3M8R](#)
PDB [3M8S](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3M8S](#)
PDB [3MAQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MAQ](#)
PDB [3MBY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MBY](#)
PDB [3MFH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MFH](#)
PDB [3MFI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MFI](#)

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be found in [PDB 4ATB](#)
PDB [4ATU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ATU](#)
PDB [4ATX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ATX](#)
PDB [4AY2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4AY2](#)
PDB [4B2P](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4B2P](#)
PDB [4B48](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4B48](#)
PDB [4B5S](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4B5S](#)
PDB [4B5U](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4B5U](#)
PDB [4B5V](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4B5V](#)
PDB [4B5W](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4B5W](#)
PDB [4BLR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4BLR](#)
PDB [4BPW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4BPW](#)
PDB [4BQN](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [PDB 4BQN](#)
PDB [4BV9](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4BV9](#)
PDB [4BWJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4BWJ](#)
PDB [4BWM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4BWM](#)
PDB [4C0Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4C0Q](#)
PDB [4C8K](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4C8K](#)
PDB [4CCH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4CCH](#)
PDB [4CK5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4CK5](#)
PDB [4CK6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4CK6](#)
PDB [4CK7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4CK7](#)
PDB [4CKB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4CKB](#)
PDB [4CQJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4CQJ](#)
PDB [4D0G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4D0G](#)
PDB [4D7Z](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4D7Z](#)
PDB [4D8W](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [PDB 4D8W](#)
PDB [4D92](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [PDB 4D92](#)
PDB [4DF4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4DF4](#)
PDB [4DF8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4DF8](#)
PDB [4DFJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4DFJ](#)
PDB [4DFK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4DFK](#)
PDB [4DFM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4DFM](#)
PDB [4DFP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4DFP](#)
PDB [4DLE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4DLE](#)

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be found in [4HOS](#)
PDB [4I27](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4I27](#)
PDB [4I4T](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4I4T](#)
PDB [4I50](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4I50](#)
PDB [4I55](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4I55](#)
PDB [4I6N](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4I6N](#)
PDB [4IG7](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4IG7](#)
PDB [4IHJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4IHJ](#)
PDB [4IHW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4IHW](#)
PDB [4IHY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4IHY](#)
PDB [4IIJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4IIJ](#)
PDB [4IQD](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4IQD](#)
PDB [4IQJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4IQJ](#)
PDB [4IRK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4IRK](#)
PDB [4IY7](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4IY7](#)
PDB [4IYO](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [4IYO](#)
PDB [4J6W](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4J6W](#)
PDB [4J6X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4J6X](#)
PDB [4JGO](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4JGO](#)
PDB [4JGP](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4JGP](#)
PDB [4JGT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4JGT](#)
PDB [4JLZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4JLZ](#)
PDB [4JMC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4JMC](#)
PDB [4JNK](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [4JNK](#)
PDB [4JRC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4JRC](#)
PDB [4JST](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4JST](#)
PDB [4JSY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4JSY](#)
PDB [4JT2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4JT2](#)
PDB [4JX5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4JX5](#)
PDB [4JX6](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4JX6](#)
PDB [4JZT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4JZT](#)
PDB [4K4Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K4Y](#)
PDB [4K81](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K81](#)
PDB [4K8X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K8X](#)
PDB [4K8Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K8Z](#)

PDB [4K98](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K98](#)

PDB [4KAS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KAS](#)

PDB [4KAT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KAT](#)

PDB [4KAX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KAX](#)

PDB [4KB6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KB6](#)

PDB [4KCT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4KCT](#)

PDB [4KGK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KGK](#)

PDB [4KGX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KGX](#)

PDB [4KGZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KGZ](#)

PDB [4KH1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KH1](#)

PDB [4KR2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KR2](#)

PDB [4KR3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KR3](#)

PDB [4KS6](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [4KS6](#)

PDB [4KTQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KTQ](#)

PDB [4KVA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KVA](#)

PDB [4KVG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KVG](#)

PDB [4KZE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4KZE](#)

PDB [4LFD](#) was passing test before but now failed with [rotlib_file](#) error! Its run-log could be found in [4LFD](#)

PDB [4LHZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4LHZ](#)

PDB [4LIL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4LIL](#)

PDB [4LNU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4LNU](#)

PDB [4LRS](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4LRS](#)

PDB [4LRT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4LRT](#)

PDB [4M49](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [4M49](#)

PDB [4M6V](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4M6V](#)

PDB [4M8O](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4M8O](#)

PDB [4MDF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4MDF](#)

PDB [4MDX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4MDX](#)

PDB [4MGN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4MGN](#)

PDB [4MIT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4MIT](#)

PDB [4MSW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4MSW](#)

PDB [4MYS](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4MYS](#)

PDB [4MZL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4MZL](#)

PDB [4N3G](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [4N3G](#)

PDB [4N3N](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in

[PDB 4N3N](#)

PDB [4N56](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4N56](#)

PDB [4N5S](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4N5S](#)

PDB [4NCN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4NCN](#)

PDB [4ND2](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4ND2](#)

PDB [4ND4](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4ND4](#)

PDB [4NYA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4NYA](#)

PDB [4O25](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O25](#)

PDB [4O2A](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O2A](#)

PDB [4O2B](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O2B](#)

PDB [4O2L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O2L](#)

PDB [4O4H](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O4H](#)

PDB [4O4I](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O4I](#)

PDB [4O4J](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O4J](#)

PDB [4O4L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O4L](#)

PDB [4O8E](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4O8E](#)

PDB [4OE7](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4OE7](#)

PDB [4OJI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4OJI](#)

PDB [4OLO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4OLO](#)

PDB [4OTS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4OTS](#)

PDB [4OTV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4OTV](#)

PDB [4OX2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4OX2](#)

PDB [4P9C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4P9C](#)

PDB [4PC8](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4PC8](#)

PDB [4PET](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4PET](#)

PDB [4PIO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4PIO](#)

PDB [4PKD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4PKD](#)

PDB [4PLC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4PLC](#)

PDB [4PLF](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4PLF](#)

PDB [4PLX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4PLX](#)

PDB [4PLY](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4PLY](#)

PDB [4PTF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4PTF](#)

PDB [4PTN](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4PTN](#)

PDB [4PYG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4PYG](#)

PDB [4Q7H](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4Q7H](#)

[illegible]

[illegible]

[illegible]

be found in [PDB 4Y1M](#)
PDB [4YAZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4YAZ](#)
PDB [4YCV](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [PDB 4YCV](#)
PDB [4YFU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4YFU](#)
PDB [4YGA](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [PDB 4YGA](#)
PDB [4YJ2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4YJ2](#)
PDB [4YJ3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4YJ3](#)
PDB [4YJ5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4YJ5](#)
PDB [4YL2](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4YL2](#)
PDB [4YW8](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [PDB 4YW8](#)
PDB [4YW9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4YW9](#)
PDB [4ZBT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4ZBT](#)
PDB [4ZDJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZDJ](#)
PDB [4ZDK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZDK](#)
PDB [4ZDQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZDQ](#)
PDB [4ZHQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZHQ](#)
PDB [4ZI7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZI7](#)
PDB [4ZKE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZKE](#)
PDB [4ZOL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZOL](#)
PDB [4ZTU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZTU](#)
PDB [4ZTZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZTZ](#)
PDB [4ZWG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZWG](#)
PDB [4ZWO](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4ZWO](#)
PDB [4ZWU](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4ZWU](#)
PDB [4ZZ6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4ZZ6](#)
PDB [521P](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 521P](#)
PDB [5A2X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 5A2X](#)
PDB [5A2Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 5A2Y](#)
PDB [5A2Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 5A2Z](#)
PDB [5A96](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 5A96](#)
PDB [5A9A](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 5A9A](#)
PDB [5A9P](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 5A9P](#)
PDB [5AG0](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 5AG0](#)
PDB [5AO3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 5AO3](#)
PDB [5AO4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 5AO4](#)

PDB [5AT1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5AT1](#)

PDB [5AXL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5AXL](#)

PDB [5AXM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5AXM](#)

PDB [5AXN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5AXN](#)

PDB [5AXU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5AXU](#)

PDB [5AXV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5AXV](#)

PDB [5B2O](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5B2O](#)

PDB [5B2Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5B2Q](#)

PDB [5B47](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5B47](#)

PDB [5BMV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5BMV](#)

PDB [5BO7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5BO7](#)

PDB [5BXU](#) was passing test before but now failed with [aa_difference](#) error! Its run-log could be found in [5BXU](#)

PDB [5C1T](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5C1T](#)

PDB [5C52](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5C52](#)

PDB [5C53](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5C53](#)

PDB [5C55](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5C55](#)

PDB [5C8Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5C8Y](#)

PDB [5CA0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5CA0](#)

PDB [5CA1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5CA1](#)

PDB [5CB4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5CB4](#)

PDB [5CJP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5CJP](#)

PDB [5CK3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5CK3](#)

PDB [5CM6](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5CM6](#)

PDB [5CR2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5CR2](#)

PDB [5CRA](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5CRA](#)

PDB [5D0E](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5D0E](#)

PDB [5D0G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5D0G](#)

PDB [5D4C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5D4C](#)

PDB [5D4D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5D4D](#)

PDB [5DA5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5DA5](#)

PDB [5DCV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5DCV](#)

PDB [5DIS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5DIS](#)

PDB [5DLO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5DLO](#)

PDB [5DLQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5DLQ](#)

PDB [5DX9](#) was passing test before but now failed with [missing_disulfide_partner](#) error! Its run-log

PDB [5FNV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5FNV](#)

PDB [5FY9](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5FY9](#)

PDB [5FYI](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5FYI](#)

PDB [5GAM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GAM](#)

PDB [5GAN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GAN](#)

PDB [5GIY](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [5GIY](#)

PDB [5GJV](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5GJV](#)

PDB [5GJW](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5GJW](#)

PDB [5GMK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GMK](#)

PDB [5GNS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GNS](#)

PDB [5GOF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GOF](#)

PDB [5GON](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GON](#)

PDB [5GOZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GOZ](#)

PDB [5GQI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GQI](#)

PDB [5GQJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GQJ](#)

PDB [5GQL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GQL](#)

PDB [5GQM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GQM](#)

PDB [5GUF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5GUF](#)

PDB [5H74](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5H74](#)

PDB [5H7O](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5H7O](#)

PDB [5HK0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HK0](#)

PDB [5HK3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HK3](#)

PDB [5HKC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HKC](#)

PDB [5HNW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HNW](#)

PDB [5HNX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HNX](#)

PDB [5HNY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HNY](#)

PDB [5HNZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HNZ](#)

PDB [5HP1](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [5HP1](#)

PDB [5HP8](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5HP8](#)

PDB [5HPM](#) was passing test before but now failed with [missing_disulfide_partner](#) error! Its run-log could be found in [5HPM](#)

PDB [5HS2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HS2](#)

PDB [5HWN](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5HWN](#)

PDB [5HZH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5HZH](#)

PDB [5I3U](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [5I3U](#)

PDB [5I8T](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in

PDB [5IDO](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5IDO](#)

PDB [511j](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [511j](#)

PDB [5110](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5110](#)

PDB [5IPL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5IPL](#)

PDB [5IPN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5IPN](#)

PDB [5IU5](#) was passing test before but now failed with [PDB unrecognized_residue](#) error! Its run-log could be found in [PDB5IU5](#)

PDB [5J2T](#) was passing test before but now failed with [5J2T unrecognized_residue](#) error! Its run-log could be found in [5J2T](#)

PDB [5J5C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5J5C](#)

PDB [5JBG](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5JBG](#)

PDB [5JCO](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5JCO](#)

PDB [5JQG](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5JQG](#)

PDB [5K2M](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5K2M](#)

PDB [5K7X](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5K7X](#)

PDB [5KMG](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5KMG](#)

PDB [5KVY](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5KVY](#)

PDB [5KW6](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5KW6](#)

PDB [5L2X](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5L2X](#)

[illegible]

be found in [305MN730D](#)

PDB [5MN8](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5MN8](#)

PDB [5MPS](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5MPS](#)

PDB [5MQ0](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5MQ0](#)

PDB [5MQW](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5MQW](#)

PDB [5MUE](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [5MUE](#)

PDB [5MUG](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [5MUG](#)

PDB [5N5N](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5N5N](#)

PDB [5ND2](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5ND2](#)

PDB [5ND3](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5ND3](#)

PDB [5ND4](#) was passing test before but now failed with `UnrecognizedResidue` error! Its run-log could be found in [5ND4](#)

PDB [5ND7](#) was passing test before but now failed with `UnrecognizedResidue` error! Its run-log could be found in [5ND7](#)

PDB [5NFV](#) was passing test before but now failed with `50unrecognized_residue50` error! Its run-log could be found in [505NFV50](#)

PDB [5NFZ](#) was passing test before but now failed with `Unrecognized residue` error! Its run-log could be found in [5NFZ](#)

PDB [5NG1](#) was passing test before but now failed with `UnrecognizedResidue` error! Its run-log could be found in [5NG1](#)

PDB [5NJH](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5NJH](#)

PDB [5NKL](#) was passing test before but now failed with `Unrecognized residue` error! Its run-log could be found in [5NKL](#)

PDB [5NM5](#) was passing test before but now failed with `UnrecognizedResidue` error! Its run-log could be found in [5NM5](#)

PDB [5NQT](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5NQT](#)

PDB [5NQU](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5NQU](#)

PDB [507A](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [507A](#)

PDB [507I](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [507I](#)

PDB [5OAM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5OAM](#)

PDB [5OCU](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5OCU](#)

PDB [5OGC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5OGC](#)

PDB [5OPD](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5OPD](#)

PDB [5OSK](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5OSK](#)

PDB [5OV7](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5OV7](#)

PDB [5OXI](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5OXI](#)

PDB [5S4D](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [5S4D](#)

PDB [5S4L](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S4L](#)

PDB [5S4M](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S4M](#)

PDB [5S4N](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S4N](#)

PDB [5S40](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S40](#)

PDB [5S4P](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S4P](#)

[illegible]

be found in [305S5030](#)

PDB [5S5P](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S5P](#)

PDB [5S5Q](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S5Q](#)

PDB [5S5R](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S5R](#)

PDB [5S5S](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S5S](#)

PDB [5S5T](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S5T](#)

PDB [5S5U](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5S5U](#)

PDB [5S5V](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S5V](#)

PDB [5S5W](#) was passing test before but now failed with [60unrecognized_residue80](#) error! Its run-log could be found in [605S5W80](#)

PDB [5S5X](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S5X](#)

PDB [5S5Y](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S5Y](#)

PDB [5S5Z](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S5Z](#)

PDB [5S60](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S60](#)

PDB [5S61](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S61](#)

PDB [5S62](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S62](#)

PDB [5S63](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S63](#)

PDB [5S64](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S64](#)

PDB [5S65](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S65](#)

PDB [5S66](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S66](#)

PDB [5S67](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5S67](#)

PDB [5S76](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [5S76](#)

PDB [5S82](#) was passing test before but now failed with [50unknown50](#) error! Its run-log could be found in [505S8250](#)

PDB [5SB3](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SB3](#)

PDB [5SB4](#) was passing test before but now failed with [PDBUnrecognized_residue](#) error! Its run-log could be found in [PDB5SB4](#)

PDB [5SB5](#) was passing test before but now failed with [PDB unrecognized_residue](#) error! Its run-log could be found in [PDB 5SB5](#)

PDB [5SB6](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SB6](#)

PDB [5SB7](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SB7](#)

PDB [5SB8](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SB8](#)

PDB [5SB9](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SB9](#)

PDB [5SBA](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SBA](#)

PDB [5SBB](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SBB](#)

PDB [5SBC](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SBC](#)

PDB [5SBD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5SBD](#)

PDB [5SBE](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5SBE](#)

PDB [5SYC](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5SYC](#)

[illegible]

[illegible]

[illegible]

be found in [5Z4U](#)

PDB [5Z58](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5Z58](#)

PDB [5ZPU](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5ZPU](#)

PDB [5ZTM](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5ZTM](#)

PDB [5ZUE](#) was passing test before but now failed with `Unrecognized residue` error! Its run-log could be found in [5ZUE](#)

PDB [5ZWO](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5ZWO](#)

PDB [5ZXH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5ZXH](#)

PDB [6A24](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [6A24](#)

PDB [6A38](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6A38](#)

PDB [6A3A](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB 6A3A](#)

PDB [6A3B](#) was passing test before but now failed with `UnrecognizedResidue` error! Its run-log could be found in [6A3B](#)

PDB [6A3C](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6A3C](#)

PDB [6A3E](#) was passing test before but now failed with `Unrecognized residue` error! Its run-log could be found in [6A3E](#)

PDB [6A8P](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [506A8P50](#)

PDB [6AEH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6AEH](#)

PDB [6AGK](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6AGK](#)

PDB [6AH0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6AH0](#)

PDB [6AID](#) was passing test before but now failed with `unknown` error! Its run-log could be found in [6AID](#)

PDB [6AJP](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6AJP](#)

PDB [6AK5](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6AK5](#)

PDB [6AK6](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6AK6](#)

PDB [6AL9](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [6AL9](#)

PDB [6AMO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6AMO](#)

PDB [6AN2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6AN2](#)

PDB [6AN8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6AN8](#)

PDB [6ANQ](#) was passing test before but now failed with `[[unrecognized_residue]]` error! Its run-log could be found in [\[\[6ANQ\]\]](#)

PDB [6AQ4](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [6AQ4](#)

PDB [6ARB](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [6ARB](#)

PDB [6ASW](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6ASW](#)

PDB [6AVM](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6AVM](#)

PDB [6AVT](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6AVT](#)

PDB [6B0C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6B0C](#)

PDB [6B0I](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6B0I](#)

PDB [6B0L](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6B0L](#)

PDB [6B6H](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6B6H](#)

[illegible]

be found in 306CR430D

PDB [6CR5](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6CR5](#)

PDB [6CR6](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6CR6](#)

PDB [6CR7](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6CR7](#)

PDB [6CR8](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6CR8](#)

PDB [6CR9](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6CR9](#)

PDB [6CRC](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6CRC](#)

PDB [6CRI](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB6CRI](#)

PDB [6CTI](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB 6CTI](#)

PDB [6CTJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTJ](#)

PDB [6CTK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTK](#)

PDB [6CTL](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [506CTL50](#)

PDB [6CTM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTM](#)

PDB [6CTN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTN](#)

PDB [6CTO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTO](#)

PDB [6CTP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTP](#)

PDB [6CTQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTQ](#)

PDB [6CTR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTR](#)

PDB [6CTT](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6CTT](#)

PDB [6CTU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTU](#)

PDB [6CTV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTV](#)

PDB [6CTW](#) was passing test before but now failed with [PDBUnrecognized_residue](#) error! Its run-log could be found in [PDB6CTW](#)

PDB [6CTX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CTX](#)

PDB [6CU1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CU1](#)

PDB [6CVE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CVE](#)

PDB [6CVJ](#) was passing test before but now failed with `[[unrecognized_residue]]` error! Its run-log could be found in [\[\[6CVJ\]\]](#)

PDB [6CVN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CVN](#)

PDB [6CZB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6CZB](#)

PDB [6D4G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6D4G](#)

PDB [6D71](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6D71](#)

PDB [6D83](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6D83](#)

PDB [6D84](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6D84](#)

PDB [6D88](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6D88](#)

PDB [6D9M](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6D9M](#)

PDB [6DCB](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6DCB](#)

[illegible]

be found in [306EVW306D](#)

PDB [6EVX](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6EVX](#)

PDB [6EVY](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6EVY](#)

PDB [6EVZ](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6EVZ](#)

PDB [6EW0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6EW0](#)

PDB [6EWZ](#) was passing test before but now failed with [80unrecognized_residue80](#) error! Its run-log could be found in [806EWZ80](#)

PDB [6EXN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6EXN](#)

PDB [6F7C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6F7C](#)

PDB [6FF4](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6FF4](#)

PDB [6FF7](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6FF7](#)

PDB [6FF8](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6FF8](#)

PDB [6FII](#) was passing test before but now failed with `%unrecognized_residue` error! Its run-log could be found in [6FII](#)

PDB [6FJF](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6FJF](#)

PDB [6FJM](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6FJM](#)

PDB [6FKJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6FKJ](#)

PDB [6FKL](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB 6FKL](#)

PDB [6FM1](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6FM1](#)

PDB [6FWK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6FWK](#)

PDB [6FXE](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [PDB_6FXE](#)

PDB [6G0A](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6G0A](#)

PDB [6G2Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6G2Q](#)

PDB [6G9W](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6G9W](#)

PDB [6GF3](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [506GF350](#)

PDB [6GJ4](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6GJ4](#)

PDB [6GMB](#) was passing test before but now failed with `addfill_missing_atoms` error! Its run-log could be found in [6GMB](#)

PDB [6GVM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6GVM](#)

PDB [6GVN](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6GVN](#)

PDB [6GWC](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6GWC](#)

PDB [6GWD](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6GWD](#)

PDB [6GX7](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6GX7](#)

PDB [6GZE](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6GZE](#)

PDB [6H1V](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6H1V](#)

PDB [6H2S](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [6H2S](#)

PDB [6H9B](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6H9B](#)

PDB [6HDU](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6HDU](#)

PDB [6HX8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6HX8](#)

PDB [6H XU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6H XU](#)

PDB [6IOO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IOO](#)

PDB [6I2I](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6I2I](#)

PDB [6I5C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6I5C](#)

PDB [6I8A](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6I8A](#)

PDB [6IA7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IA7](#)

PDB [6IAE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IAE](#)

PDB [6IAN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IAN](#)

PDB [6IAO](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [6IAO](#)

PDB [6ICZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6ICZ](#)

PDB [6IDO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IDO](#)

PDB [6ID1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6ID1](#)

PDB [6IF2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IF2](#)

PDB [6IF3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IF3](#)

PDB [6IG2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IG2](#)

PDB [6II6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6II6](#)

PDB [6IKZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IKZ](#)

PDB [6IW7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IW7](#)

PDB [6IYB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6IYB](#)

PDB [6J5X](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6J5X](#)

PDB [6J5Y](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6J5Y](#)

PDB [6J6G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6J6G](#)

PDB [6J6H](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6J6H](#)

PDB [6J6N](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6J6N](#)

PDB [6J6Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6J6Q](#)

PDB [6J72](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6J72](#)

PDB [6J9U](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6J9U](#)

PDB [6JCJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6JCJ](#)

PDB [6JED](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6JED](#)

PDB [6JI2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6JI2](#)

PDB [6JMG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6JMG](#)

PDB [6JP5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6JP5](#)

PDB [6JP8](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6JP8](#)

PDB [6JPA](#) was passing test before but now failed with [fill missing atoms](#) error! Its run-log could be

found in [6JPA](#)
PDB [6JPB](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6JPB](#)
PDB [6JVW](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6JVW](#)
PDB [6K1L](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6K1L](#)
PDB [6K1M](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6K1M](#)
PDB [6K32](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6K32](#)
PDB [6K3J](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6K3J](#)
PDB [6K3K](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6K3K](#)
PDB [6K9V](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6K9V](#)
PDB [6KFT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KFT](#)
PDB [6KNJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KNJ](#)
PDB [6KNZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KNZ](#)
PDB [6KPP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KPP](#)
PDB [6KQD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KQD](#)
PDB [6KQL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KQL](#)
PDB [6KOM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KOM](#)
PDB [6KQN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KQN](#)
PDB [6KSF](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [6KSF](#)
PDB [6KWR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KWR](#)
PDB [6L06](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6L06](#)
PDB [6L07](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6L07](#)
PDB [6L54](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6L54](#)
PDB [6L74](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6L74](#)
PDB [6L8K](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6L8K](#)
PDB [6LAU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6LAU](#)
PDB [6LAZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6LAZ](#)
PDB [6LK4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6LK4](#)
PDB [6LPT](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [6LPT](#)
PDB [6LO9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6LO9](#)
PDB [6LS4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6LS4](#)
PDB [6LSM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6LSM](#)
PDB [6LSN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6LSN](#)
PDB [6M60](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6M60](#)
PDB [6M6R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6M6R](#)
PDB [6M6S](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6M6S](#)

[illegible]

[illegible]

[illegible]

PDB [6SES](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6SES](#)

[illegible]

be found in [6UAJ](#)
PDB [6UC2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UC2](#)
PDB [6UDO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UDO](#)
PDB [6UDQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UDQ](#)
PDB [6UEU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UEU](#)
PDB [6UFG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UFG](#)
PDB [6UFH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UFH](#)
PDB [6UG4](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6UG4](#)
PDB [6UIR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UIR](#)
PDB [6UIS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UIS](#)
PDB [6UIT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UIT](#)
PDB [6UX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UX](#)
PDB [6UYJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UYJ](#)
PDB [6UJZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UJZ](#)
PDB [6UK0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UK0](#)
PDB [6UNX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UNX](#)
PDB [6UOK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UOK](#)
PDB [6UOL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UOL](#)
PDB [6UOM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UOM](#)
PDB [6UPA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UPA](#)
PDB [6UPQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UPQ](#)
PDB [6UPR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UPR](#)
PDB [6UR9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6UR9](#)
PDB [6VAT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6VAT](#)
PDB [6VBV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6VBV](#)
PDB [6VC7](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6VC7](#)
PDB [6VCM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6VCM](#)
PDB [6VCP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6VCP](#)
PDB [6VCQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6VCQ](#)
PDB [6VCR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6VCR](#)
PDB [6VMY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6VMY](#)
PDB [6VPO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6VPO](#)
PDB [6VPP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6VPP](#)
PDB [6WOR](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [6WOR](#)
PDB [6W13](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [6W13](#)

[illegible]

[illegible]

[illegible]

found in [\[30\]](#) [7CNX](#) [\[30\]](#)

PDB [7CNY](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [7CNY](#)

PDB [7CNZ](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [7CNZ](#)

PDB [7CPD](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7CPD](#)

PDB [7CPQ](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7CPQ](#)

PDB [7D73](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7D73](#)

PDB [7D74](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7D74](#)

PDB [7D7V](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7D7V](#)

PDB [7D7W](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7D7W](#)

PDB [7D7X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7D7X](#)

PDB [7D7Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7D7Y](#)

PDB [7D7Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7D7Z](#)

PDB [7DAD](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DAD](#)

PDB [7DAE](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DAE](#)

PDB [7DAF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7DAF](#)

PDB [7DB9](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DB9](#)

PDB [7DBA](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DBA](#)

PDB [7DBB](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DBB](#)

PDB [7DBC](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DBC](#)

PDB [7DBD](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DBD](#)

PDB [7DBG](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7DBG](#)

PDB [7DJT](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7DJT](#)

PDB [7DMZ](#) was passing test before but now failed with `[[unrecognized_residue]]` error! Its run-log could be found in [\[\[7DMZ\]\]](#)

PDB [7DN0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7DN0](#)

PDB [7DP8](#) was passing test before but now failed with `@unrecognized_residue@` error! Its run-log could be found in [@7DP8@](#)

PDB [7DPT](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DPT](#)

PDB [7DPW](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB 7DPW](#)

PDB [7DVQ](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7DVQ](#)

PDB [7E1T](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7E1T](#)

PDB [7E4P](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7E4P](#)

PDB [7E4Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7E4Q](#)

PDB [7E4R](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7E4R](#)

PDB [7E4Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7E4Y](#)

PDB [7E4Z](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7E4Z](#)

PDB [7ECD](#) was passing test before but now failed with `UnrecognizedResidue` error! Its run-log could be found in [7ECD](#)

[illegible]

found in 7F6X

PDB [7JFR](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7JFR](#)

PDB [7JJU](#) was passing test before but now failed with `UnrecognizedResidue` error! Its run-log could be found in [7JJU](#)

PDB [7JKL](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7JKL](#)

PDB [7JRR](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7JRR](#)

PDB [7JSN](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7JSN](#)

PDB [7K30](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7K30](#)

PDB [7K31](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7K31](#)

PDB [7K9D](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7K9D](#)

PDB [7K9E](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [507K9E50](#)

PDB [7KKV](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7KKV](#)

PDB [7KKW](#) was passing test before but now failed with [5Qunrecognized_residue5Q](#) error! Its run-log could be found in [5Q7KKW5Q](#)

PDB [7KRV](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [7KRV](#)

PDB [7KVT](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7KVT](#)

PDB [7KVU](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [507KVU50](#)

PDB [7KVV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7KVV](#)

PDB [7L05](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7L05](#)

PDB [7L36](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7L36](#)

PDB [7LFU](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [7LFU](#)

PDB [7LFV](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [7LFV](#)

PDB [7LJM](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7LJM](#)

PDB [7LJN](#) was passing test before but now failed with [6Qunrecognized_residue6Q](#) error! Its run-log could be found in [6Q7LJN6Q](#)

PDB [7LVQ](#) was passing test before but now failed with [6Qunrecognized_residue6Q](#) error! Its run-log could be found in [6Q7LVQ6Q](#)

PDB [7LVR](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7LVR](#)

PDB [7LWB](#) was passing test before but now failed with [ERROR: unrecognized_residue](#) error! Its run-log could be found in [PDB 7LWB](#)

PDB [7LXB](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7LXB](#)

PDB [7LZ7](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7LZ7](#)

PDB [7LZ8](#) was passing test before but now failed with `Unrecognized residue` error! Its run-log could be found in [7LZ8](#)

PDB [7M18](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7M18](#)

PDB [7M20](#) was passing test before but now failed with `80unrecognized_residue80` error! Its run-log could be found in [627M2062](#)

PDB [7M2W](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7M2W](#)

PDB [7M6J](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7M6J](#)

PDB [7MDX](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7MDX](#)

PDB [7MEY](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [7MEY](#)

PDB [7MGZ](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB 7MGZ](#)

[illegible]

[illegible]

PDB [7SJA](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7SJA](#)

PDB [7T1B](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7T1B](#)

PDB [7TZR](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7TZR](#)

PDB [7TZS](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7TZS](#)

PDB [7UPI](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7UPI](#)

PDB [7V2B](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7V2B](#)

PDB [7VBW](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7VBW](#)

PDB [7VEX](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7VEX](#)

PDB [7VUI](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7VUI](#)

PDB [7Z01](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7Z01](#)

PDB [7Z02](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7Z02](#)

PDB [7Z0F](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7Z0F](#)

PDB [7Z0G](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7Z0G](#)

PDB [7Z6S](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7Z6S](#)

PDB [7Z7D](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7Z7D](#)

PDB [8MHT](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [8MHT](#)

NOTE: 31243 PDB's passed the tests but was not listed in reference results.

To update reference results please copy the files below into the main repository:

[reference-results.full.new.json](#) → [Rosetta repository](#) as [tests/benchmark/tests/scientific/protein_data_bank_diagnostic/reference-results.full.json](#)

[blocklist.full.new.json](#) → [Rosetta repository](#) as [tests/benchmark/tests/scientific/protein_data_bank_diagnostic/blocklist.json](#) (note the cif/pdb/fast mode is ignored: the blocklist is segfaults and huge PDBs and is shared)