

Scientific test: Protein Data Bank diagnostic

AUTHOR AND DATE

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FAILURES

The PDB diagnostic was run on **214,363** PDB files. **202,331** files passed the test and **12,032** 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-a/rosetta/commits/rosetta/source/test/timelimit.py 32 /home/benchmark/w/rosetta-2.hpc-a/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
```

12,032 total PDBs failed with the following error codes:

```
9,170 unrecognized_residue
704 fill_missing_atoms
485 zero_length_xyzVector
244 missing_disulfide_partner
233 rotlib_file
213 bad_patch
145 pseudobond_connection_change
142 duplicate_atom_name
123 unknown
105 no_orient_atoms
103 missing_bond
94 aaa_difference
70 prepro_cyclic_pep
60 unknown_atom_name
34 zero_atom_restype
30 reroot_disconnected
17 alias_missing_atom
15 nu_conformer
10 unknown_hbond_acceptor
10 no_usable_coords
8 exceed_timeout
6 merge_with_next
5 base_of_chi
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 [aaa_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 [1GQ9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GQ9](#)
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 [1HQ6](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1HQ6](#)
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 [1II1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1II1](#)
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 [1KCG](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [1KCG](#)

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

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 [2GJW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GJW](#)
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 [2IM0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2IM0](#)

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 [2JI5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2JI5](#)

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 [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 [208D](#)

PDB [2099](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2099](#)

PDB [209A](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [209A](#)

PDB [20EU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [20EU](#)

PDB [20H5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [20H5](#)

PDB [20H6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [20H6](#)

PDB [20H7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [20H7](#)

PDB [20RH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [20RH](#)

PDB [20Z0](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [20Z0](#)

PDB [20ZM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [20ZM](#)

PDB [20ZS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [20ZS](#)

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

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 [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 be found in [3DT4](#)

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

PDB [3DU7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3DU7](#)

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

PDB [3DZ2](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be

[illegible]

[PDB 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](#)

PDB [3J6G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3J6G](#)

PDB [3J6H](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3J6H](#)

PDB [3J6P](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3J6P](#)

PDB [3J7I](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3J7I](#)

PDB [3J8X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3J8X](#)

[illegible]

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](#)
PDB [3MJH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MJH](#)
PDB [3MOE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MOE](#)
PDB [3MOF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MOF](#)
PDB [3MUM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MUM](#)
PDB [3MUR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MUR](#)
PDB [3MUT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MUT](#)

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

PDB [3MX5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3MX5](#)

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

PDB [3N25](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [3N25](#)

PDB [3N2G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3N2G](#)

PDB [3N2K](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3N2K](#)

PDB [3N6M](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3N6M](#)

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

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

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

PDB [3NC0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3NC0](#)

PDB [3NC1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3NC1](#)

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

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

PDB [3NE6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3NE6](#)

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

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

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

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

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

PDB [3O42](#) was passing test before but now failed with [prepro_cyclic_pep](#) error! Its run-log could be found in [3O42](#)

PDB [3OH0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3OH0](#)

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

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

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

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

PDB [3OS1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3OS1](#)

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

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

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

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

PDB [3P22](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3P22](#)

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

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

PDB [3PLX](#) was passing test before but now failed with [fill missing atoms](#) error! Its run-log could be

PDB [3RB4](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [3RB4](#)

[illegible]

be found in [3S0030](#)

PDB [3SQ1](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [3SQ1](#)

PDB [3SQ2](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [3SQ2](#)

PDB [3SQ4](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [3SQ4](#)

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

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

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

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

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

PDB [3SV3](#) was passing test before but now failed with [PDB unrecognized_residue](#) error! Its run-log could be found in [PDB3SV3](#)

PDB [3SV4](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [3SV4](#)

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

PDB [3SZ2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3SZ2](#)

PDB [3T2K](#) was passing test before but now failed with [Bad_patch](#) error! Its run-log could be found in [3T2K](#)

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

PDB [3T3F](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3T3F](#)

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

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

PDB [3T10](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [3T10](#)

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

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

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

PDB [3UD3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3UD3](#)

PDB [3UD4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [3UD4](#)

PDB [3UT5](#) was passing test before but now failed with [PDB unrecognized_residue](#) error! Its run-log could be found in [PDB3UT5PDB](#)

PDB [3V6H](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [3V6H](#)

PDB [3V6J](#) was passing test before but now failed with `50unrecognized_residue50` error! Its run-log could be found in [503V6J50](#)

PDB [3V6K](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [3V6K](#)

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

PDB [3VAG](#) was passing test before but now failed with [5Q0unrecognized_residue5Q0](#) error! Its run-log could be found in [5Q03VAG5Q0](#)

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

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

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

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

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

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

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

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

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

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

PDB [3W3Z](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [3W3Z](#)

PDB [3W92](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [3W92](#)

PDB [3W93](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [3W93](#)

PDB [3WC0](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [3WC0](#)

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

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

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

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

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

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

PDB [437D](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [437D](#)

PDB [474D](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [474D](#)

PDB [4A7W](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4A7W](#)

PDB [4A8K](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4A8K](#)

PDB [4A8M](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4A8M](#)

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

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

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

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

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

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

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

PDB [4AT9](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4AT9](#)

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

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

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

PDB [4AY2](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4AY2](#)

PDB [4B2P](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4B2P](#)

PDB [4B48](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4B48](#)

PDB [4B5S](#) was passing test before but now failed with `fill missing atoms` error! Its run-log could be

found in [4B5S](#)
PDB [4B5U](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4B5U](#)
PDB [4B5V](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4B5V](#)
PDB [4B5W](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4B5W](#)
PDB [4BLR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4BLR](#)
PDB [4BPW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4BPW](#)
PDB [4BV9](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4BV9](#)
PDB [4BWJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4BWJ](#)
PDB [4BWM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4BWM](#)
PDB [4C0Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4C0Q](#)
PDB [4C8K](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4C8K](#)
PDB [4CCH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4CCH](#)
PDB [4CK5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4CK5](#)
PDB [4CK6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4CK6](#)
PDB [4CK7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4CK7](#)
PDB [4CKB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4CKB](#)
PDB [4COJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4COJ](#)
PDB [4D0G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4D0G](#)
PDB [4D7Z](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4D7Z](#)
PDB [4D8W](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [4D8W](#)
PDB [4D92](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [4D92](#)
PDB [4DF4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DF4](#)
PDB [4DF8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DF8](#)
PDB [4DFJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DFJ](#)
PDB [4DFK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DFK](#)
PDB [4DFM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DFM](#)
PDB [4DFP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DFP](#)
PDB [4DLE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DLE](#)
PDB [4DLG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DLG](#)
PDB [4DO9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DO9](#)
PDB [4DOA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DOA](#)
PDB [4DOB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DOB](#)
PDB [4DOC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DOC](#)
PDB [4DQI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DQI](#)
PDB [4DQP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4DQP](#)

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be found in [304EZ630](#)

PDB [4EZ9](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4EZ9](#)

PDB [4F04](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [4F04](#)

PDB [4F2R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4F2R](#)

PDB [4F2S](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4F2S](#)

PDB [4F3O](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4F3O](#)

PDB [4F4K](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4F4K](#)

PDB [4F61](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4F61](#)

PDB [4F6R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4F6R](#)

PDB [4F8R](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4F8R](#)

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

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

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

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

PDB [4FH5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4FH5](#)

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

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

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

PDB [4FJ8](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [4FJ8](#)

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

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

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

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

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

PDB [4FK0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4FK0](#)

PDB [4FK2](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4FK2](#)

PDB [4FK4](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4FK4](#)

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

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

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

PDB [4FM0](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4FM0](#)

PDB [4FM1](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4FM1](#)

PDB [4FM2](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4FM2](#)

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

PDB [4FS1](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4FS1](#)

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be found in [PDB 4IHW](#)
PDB [4IHY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4IHY](#)
PDB [4IIJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4IIJ](#)
PDB [4IQD](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4IQD](#)
PDB [4IQJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4IQJ](#)
PDB [4IRK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4IRK](#)
PDB [4IY7](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4IY7](#)
PDB [4IYO](#) was passing test before but now failed with [duplicate_atom_name](#) error! Its run-log could be found in [PDB 4IYO](#)
PDB [4J6W](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4J6W](#)
PDB [4J6X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4J6X](#)
PDB [4JGO](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4JGO](#)
PDB [4JGP](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4JGP](#)
PDB [4JGT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4JGT](#)
PDB [4JLZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4JLZ](#)
PDB [4JMC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4JMC](#)
PDB [4JNK](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [PDB 4JNK](#)
PDB [4JRC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4JRC](#)
PDB [4JST](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4JST](#)
PDB [4JSY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4JSY](#)
PDB [4JT2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4JT2](#)
PDB [4JX5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4JX5](#)
PDB [4JX6](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4JX6](#)
PDB [4JZT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4JZT](#)
PDB [4K4Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4K4Y](#)
PDB [4K81](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4K81](#)
PDB [4K8X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4K8X](#)
PDB [4K8Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4K8Z](#)
PDB [4K98](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4K98](#)
PDB [4KAS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4KAS](#)
PDB [4KAT](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4KAT](#)
PDB [4KAX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4KAX](#)
PDB [4KB6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4KB6](#)
PDB [4KCT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4KCT](#)
PDB [4K GK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4K GK](#)
PDB [4K GX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4K GX](#)

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 [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 [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 [PDB 4O2B](#)
PDB [4O2L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4O2L](#)
PDB [4O4H](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4O4H](#)
PDB [4O4I](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4O4I](#)
PDB [4O4J](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4O4J](#)
PDB [4O4L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4O4L](#)
PDB [4O8E](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4O8E](#)
PDB [4OE7](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4OE7](#)
PDB [4OJI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4OJI](#)
PDB [4OLO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4OLO](#)
PDB [4OM8](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [PDB 4OM8](#)
PDB [4OTS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4OTS](#)
PDB [4OTV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4OTV](#)
PDB [4OX2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4OX2](#)
PDB [4P9C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4P9C](#)
PDB [4PC8](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4PC8](#)
PDB [4PET](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4PET](#)
PDB [4PJO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4PJO](#)
PDB [4PKD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4PKD](#)
PDB [4PLC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4PLC](#)
PDB [4PLF](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4PLF](#)
PDB [4PLX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4PLX](#)
PDB [4PLY](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4PLY](#)
PDB [4PTF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4PTF](#)
PDB [4PTN](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [PDB 4PTN](#)
PDB [4PYG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4PYG](#)
PDB [4Q7H](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4Q7H](#)
PDB [4Q9I](#) was passing test before but now failed with [prepro_cyclic_pep](#) error! Its run-log could be found in [PDB 4Q9I](#)
PDB [4Q9K](#) was passing test before but now failed with [prepro_cyclic_pep](#) error! Its run-log could be found in [PDB 4Q9K](#)
PDB [4Q9L](#) was passing test before but now failed with [prepro_cyclic_pep](#) error! Its run-log could be found in [PDB 4Q9L](#)
PDB [4QEI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4QEI](#)
PDB [4QG1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4QG1](#)
PDB [4QG2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4QG2](#)
PDB [4QG4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4QG4](#)
PDB [4QIO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [PDB 4QIO](#)

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[illegible]

[illegible]

found in [4YL2](#)
PDB [4YW8](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [4YW8](#)
PDB [4YW9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4YW9](#)
PDB [4ZBT](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4ZBT](#)
PDB [4ZDJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZDJ](#)
PDB [4ZDK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZDK](#)
PDB [4ZDQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZDQ](#)
PDB [4ZHQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZHQ](#)
PDB [4ZI7](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZI7](#)
PDB [4ZKE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZKE](#)
PDB [4ZOL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZOL](#)
PDB [4ZTU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZTU](#)
PDB [4ZTZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZTZ](#)
PDB [4ZWG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZWG](#)
PDB [4ZWO](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4ZWO](#)
PDB [4ZWU](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4ZWU](#)
PDB [4ZZ6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4ZZ6](#)
PDB [521P](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [521P](#)
PDB [5A2X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5A2X](#)
PDB [5A2Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5A2Y](#)
PDB [5A2Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5A2Z](#)
PDB [5A96](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5A96](#)
PDB [5A9A](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5A9A](#)
PDB [5A9P](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5A9P](#)
PDB [5AG0](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [5AG0](#)
PDB [5AO3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5AO3](#)
PDB [5AO4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [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 [unknown](#) error! Its run-log could be found in [5DX9](#)

PDB [5E41](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5E41](#)

PDB [5E6M](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5E6M](#)

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

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

PDB [5EE5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5EE5](#)

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

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

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

[illegible]

[illegible]

[illegible]

[illegible]

be found in [30C5ND330D](#)

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

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

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

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 `unrecognized_residue` 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 `Unrecognized_residue` 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 [5Ounrecognized_residue5O](#) error! Its run-log could be found in [5O5OAM5O](#)

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 [5OXJ](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB5OXJ](#)

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](#)

PDB [5S4Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5S4Q](#)

PDB [5S4R](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S4R](#)

PDB [5S4S](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S4S](#)

PDB [5S4T](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S4T](#)

PDB [5S4U](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S4U](#)

PDB [5S4V](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S4V](#)

PDB [5S4W](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S4W](#)

PDB [5S4X](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5S4X](#)

PDB [5S4Y](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S4Y](#)

[illegible]

be found in [305S5X30](#)

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

PDB [5S5Z](#) was passi

be found in [PDB 5S5Z](#)
PDB [5S60](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could

be found in [305S6030](#)

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

be found in [PDB 5S62](#)
PDB [5S63](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could

be found in [305S6330](#).

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

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

be found in [305S6630](#)
PDB: [5667](#)

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 found in [30EC7630](#)

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

[5582](#) [RDB_FCB3](#) was passi

PDB [5SB3](#) was passing test before but now failed with [\[50\]unrecognized_residue\[50\]](#) error! Its run-log could be found in [\[50\]5SB3\[50\]](#)

PDB [5SB4](#) was passively found in [\[30\]5SB4\[30\]](#)

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

be found in [PDB 5SB5](#).
PDB [5SB6](#) was passi

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

PDB [5SB7](#) was passively found in [\[30\]5SB7\[30\]](#)

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

PDB [5SB9](#) was passi

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

be found in $^{30}_{00}\text{5SBA}^{30}_{00}$

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

PDB [5SBC](#) was passi

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 ${}^{30}_{0}\text{C}^{50}\text{SBD}{}^{30}_{0}\text{D}$

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

PDB [5SYC](#) was passi

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

be found in $\begin{bmatrix} 30 & \\ 0C & \end{bmatrix} 5SYE \begin{bmatrix} 30 & \\ 0D & \end{bmatrix}$

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

PDB [5SYG](#) was passi

PDB [5SZT](#) was passing test before but now failed with [unrecognized residue](#) error! Its run-log could

be found in [305SZT30](#)

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

PDB [5TFD](#) was passi

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

be found in [305TFF30](#)

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

PDB [5TRD](#) was passi

be found in [STRD](#)

[illegible]

could be found in 305WM830

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

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

PDB [5WU2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5WU2](#)

PDB [5WU3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5WU3](#)

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

PDB [5X0I](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [5X0I](#)

PDB [5X6Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5X6Z](#)

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

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

PDB [5XC5](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5XC5](#)

PDB [5XE0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5XE0](#)

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

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

PDB [5XI5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5XI5](#)

PDB [5X17](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5X17](#)

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

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

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

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

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

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

PDB [5XLZ](#) was passing test before but now failed with [50unrecognized_residue60](#) error! Its run-log could be found in [505XLZ60](#)

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

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

PDB [5XP3](#) was passing test before but now failed with `50unrecognized_residue50` error! Its run-log could be found in [505XP350](#)

PDB [5XR2](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [PDB_5XR2](#)

PDB [5XR7](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5XR7](#)

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

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

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

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

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

PDB [5Y7M](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5Y7M](#)

PDB [5Y88](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5Y88](#)

[illegible]

be found in [6A3A](#)
PDB [6A3B](#) was passing test before but now failed with [unrecognized_residue](#) 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 [unrecognized_residue](#) error! Its run-log could be found in [6A8P](#)
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](#)
PDB [6BAZ](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [6BAZ](#)
PDB [6BB0](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [6BB0](#)
PDB [6BB1](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [6BB1](#)
PDB [6BB2](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [6BB2](#)
PDB [6BBN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6BBN](#)
PDB [6BBP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6BBP](#)
PDB [6BBQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6BBQ](#)
PDB [6BD9](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6BD9](#)
PDB [6BEL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6BEL](#)

[illegible]

[illegible]

[illegible]

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 [6FI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6FI](#)
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 [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 [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 [unrecognized_residue](#) error! Its run-log could be found in [6GF3](#)
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 [fill_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 [6H DU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6H DU](#)
PDB [6HX8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6HX8](#)
PDB [6HXU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6HXU](#)
PDB [6I00](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6I00](#)
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](#)

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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 [6KQL](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KQL](#)
PDB [6KQM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KQM](#)
PDB [6KON](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6KON](#)
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 [6LQ9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6LQ9](#)
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](#)
PDB [6M6X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6M6X](#)
PDB [6M73](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [6M73](#)
PDB [6M74](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [6M74](#)
PDB [6MCB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6MCB](#)
PDB [6MCC](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6MCC](#)
PDB [6MLQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6MLQ](#)
PDB [6MLR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6MLR](#)
PDB [6MNX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6MNX](#)
PDB [6MP3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6MP3](#)
PDB [6MQ8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6MQ8](#)

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be found in [6RF2](#)
PDB [6RF8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6RF8](#)
PDB [6RFD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6RFD](#)
PDB [6RH3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6RH3](#)
PDB [6RIR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6RIR](#)
PDB [6RKY](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6RKY](#)
PDB [6RO2](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [6RO2](#)
PDB [6RXH](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6RXH](#)
PDB [6RYK](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6RYK](#)
PDB [6RZA](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6RZA](#)
PDB [6RZB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6RZB](#)
PDB [6S1M](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S1M](#)
PDB [6S1N](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S1N](#)
PDB [6S1O](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S1O](#)
PDB [6S5H](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S5H](#)
PDB [6S6A](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S6A](#)
PDB [6S6D](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S6D](#)
PDB [6S8K](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S8K](#)
PDB [6S8L](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S8L](#)
PDB [6S8M](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S8M](#)
PDB [6S9E](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S9E](#)
PDB [6S9Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6S9Z](#)
PDB [6SB0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6SB0](#)
PDB [6SB2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6SB2](#)
PDB [6SES](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6SES](#)
PDB [6SGE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6SGE](#)
PDB [6SIR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6SIR](#)
PDB [6SQ2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6SQ2](#)
PDB [6SUR](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6SUR](#)
PDB [6SVS](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6SVS](#)
PDB [6T4V](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6T4V](#)
PDB [6T5M](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [6T5M](#)
PDB [6TA4](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6TA4](#)
PDB [6TDE](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6TDE](#)
PDB [6TEO](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6TEO](#)

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[illegible]

[illegible]

be found in [306XLJ306](#)

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

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

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

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

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

PDB [6XU1](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6XU1](#)

PDB [6Y09](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6Y09](#)

PDB [6Y4M](#) was passing test before but now failed with `Unrecognized residue` error! Its run-log could be found in [6Y4M](#)

PDB [6Y4N](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [6Y4N](#)

PDB [6Y6D](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6Y6D](#)

PDB [6YD4](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6YD4](#)

PDB [6YD7](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [6YD7](#)

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

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

PDB [6Z6Y](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [6Z6Y](#)

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

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

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

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

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

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

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

PDB [7A5M](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7A5M](#)

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

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

PDB [7AC5](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [7AC5](#)

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

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

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

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

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

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

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

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

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be found in [307D7Z30](#)

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 [5Q unrecognized_residue5Q](#) error! Its run-log could be found in [5Q 7DJT 5Q](#)

PDB [7DMZ](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [507DMZ50](#)

PDB [7DNO](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [507DNO50](#)

PDB [7DON](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [507DON50](#)

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 [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 [PDB unrecognized_residue](#) error! Its run-log could be found in [PDB 7E4Z](#)

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

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

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

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

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

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

PDB [7EN3](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [7EN3](#)

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

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

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

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

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be found in [7KKW](#)
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 [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 [unrecognized_residue](#) error! Its run-log could be found in [7LJN](#)
PDB [7LVQ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7LVQ](#)
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 [unrecognized_residue](#) error! Its run-log could be found in [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 [unrecognized_residue](#) error! Its run-log could be found in [7M20](#)
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 [7MGZ](#)
PDB [7MH0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MH0](#)
PDB [7MH1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MH1](#)
PDB [7MIF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MIF](#)
PDB [7MIG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MIG](#)
PDB [7MIH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MIH](#)
PDB [7MIJ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MIJ](#)
PDB [7MIP](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MIP](#)
PDB [7MIU](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MIU](#)
PDB [7MIV](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MIV](#)
PDB [7MWG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7MWG](#)
PDB [7N32](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [7N32](#)

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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: 19562 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)