

Scientific test: Protein Data Bank diagnostic

AUTHOR AND DATE

Steven M Lewis, smlewi@gmail.com, Cyrus Biotechnology, Oct 2018

Sergey Lyskov, sergey.lyskov@gmail.com, Gray lab, Johns Hopkins University, Oct 2018

FAILURES

The PDB diagnostic was run on **227,135** PDB files. **213,446** files passed the test and **13,689** failed!

PURPOSE OF THE TEST

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

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

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

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

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

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

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

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

13,689 total PDBs failed with the following error codes:

```
10,724 unrecognized_residue
718 fill_missing_atoms
498 zero_length_xyzVector
249 missing_disulfide_partner
241 rotlib_file
208 bad_patch
168 duplicate_atom_name
144 pseudobond_connection_change
130 unknown
108 no_orient_atoms
107 missing_bond
100 aa_difference
72 prepro_cyclic_pep
66 unknown_atom_name
33 zero_atom_restype
30 reroot_disconnected
21 exceed_timeout
18 nu_conformer
17 alias_missing_atom
11 no_usable_coords
10 unknown_hbond_acceptor
5 base_of_chi
5 merge_with_next
4 insufficient_mainchain
1 no_hbond_deriv
1 partly_recognized
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

be found in [1FFX](#)
PDB [1FRW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1FRW](#)
PDB [1FVG](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [1FVG](#)
PDB [1GKM](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GKM](#)
PDB [1GO9](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GO9](#)
PDB [1GWN](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GWN](#)
PDB [1GX5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GX5](#)
PDB [1GX6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1GX6](#)
PDB [1H16](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1H16](#)
PDB [1H18](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1H18](#)
PDB [1H7G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1H7G](#)
PDB [1HC8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1HC8](#)
PDB [1HI0](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1HI0](#)
PDB [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 [1I11](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1I11](#)
PDB [1IZC](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [1IZC](#)
PDB [1J2J](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [1J2J](#)
PDB [1J8Z](#) was passing test before but now failed with [bad_patch](#) error! Its run-log could be found in [1J8Z](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

be found in [301T7P301D](#)

PDB [1T8E](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [1T8E](#)

PDB [1T91](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [1T91](#)

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

PDB [1TK0](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [1TK0](#)

PDB [1TK5](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [1TK5](#)

PDB [1TK8](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [1TK8](#)

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

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

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

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

PDB [1TWF](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [501TWF50](#)

PDB [1TYP](#) was passing test before but now failed with [50unknown50](#) error! Its run-log could be found in [501TYP50](#)

PDB [1U10](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [501U1050](#)

PDB [1U1Q](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [1U1Q](#)

PDB [1U6B](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [1U6B](#)

PDB [1U6P](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [1U6P](#)

PDB [1U7W](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [1U7W](#)

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

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

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

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

PDB [1UPT](#) was passing test before but now failed with [PDBUnrecognized_residuePDB](#) error! Its run-log could be found in [PDB1UPTPDB](#)

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

PDB [1UVN](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [501UVN50](#)

PDB [1V34](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [1V34](#)

PDB [1VC3](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [1VC3](#)

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

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

PDB [1W3I](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [1W3I](#)

PDB [1W3O](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [1W3O](#)

PDB [1W3P](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [1W3P](#)

PDB [1W3Q](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [1W3Q](#)

PDB [1W3R](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [1W3R](#)

PDB [1W3T](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [1W3T](#)

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PDB [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 [2GIW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GIW](#)
PDB [2GXB](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GXB](#)
PDB [2GZD](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GZD](#)
PDB [2GZH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2GZH](#)
PDB [2H2Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2H2Q](#)
PDB [2H57](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2H57](#)
PDB [2H8P](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2H8P](#)
PDB [2H9D](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2H9D](#)
PDB [2HFE](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2HFE](#)
PDB [2HG5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2HG5](#)
PDB [2HHW](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HHW](#)
PDB [2HV8](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HV8](#)
PDB [2HVH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HVH](#)
PDB [2HVI](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HVI](#)
PDB [2HXF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HXF](#)
PDB [2HXH](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2HXH](#)
PDB [2HZL](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2HZL](#)
PDB [2I5S](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2I5S](#)
PDB [2I9G](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2I9G](#)
PDB [2ICX](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2ICX](#)
PDB [2IKF](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2IKF](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

be found in [PDB 2NVZ](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2NZ4](#)

PDB [208D](#) 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 [2OMG](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2OMG](#)

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

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

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

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

PDB [2P1E](#) was passing test before but now failed with [unknown](#) error! Its run-log could be found in [2P1E](#)

PDB [2P4N](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2P4N](#)

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

PDB [2PX3](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2PX3](#)

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

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

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

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

PDB [2Q0C](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2Q0C](#)

PDB [2Q0E](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2Q0E](#)

PDB [2Q0F](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2Q0F](#)

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

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

PDB [2QF2](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [2QF2](#)

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

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

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

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

PDB [2QV6](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2QV6](#)

PDB [2R7W](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2R7W](#)

PDB [2R7X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [2R7X](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

[illegible]

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

[illegible]

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

[illegible]

[illegible]

[illegible]

[illegible]

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

[illegible]

be found in [4EE1](#)

PDB [4ELT](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB4ELT](#)

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

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

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

PDB [4EP7](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4EP7](#)

PDB [4EW7](#) was passing test before but now failed with `fill_missing_atoms` error! Its run-log could be found in [4EW7](#)

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

PDB [4EZ6](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [4EZ6](#)

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 `UnrecognizedResidue` error! Its run-log could be found in [4FJG](#)

PDB [4FJl](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [PDB4FJl](#)

PDB [4FJJ](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [PDB4FJJ](#)

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 `UnrecognizedResidue` 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](#)

[illegible]

be found in [4HOS](#)

PDB [4I27](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4I27](#)

PDB [4I4T](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4I4T](#)

PDB [4I50](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4I50](#)

PDB [4I55](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4I55](#)

PDB [4I6N](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4I6N](#)

PDB [4IG7](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4IG7](#)

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

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

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

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

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

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

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

PDB [4IY7](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4IY7](#)

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

PDB [4J6W](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4J6W](#)

PDB [4J6X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4J6X](#)

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

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

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

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

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

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

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

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

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

PDB [4JT2](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4JT2](#)

PDB [4JX5](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4JX5](#)

PDB [4JX6](#) was passing test before but now failed with [fill_missing_atoms](#) error! Its run-log could be found in [4JX6](#)

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

PDB [4K4Y](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K4Y](#)

PDB [4K81](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K81](#)

PDB [4K8X](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K8X](#)

PDB [4K8Z](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [4K8Z](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4N3N

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

could be found in [305DX9300C](#)

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 be found in [5EIB](#)

PDB [5EIN](#) was passing test before but now failed with [\[E0\]unrecognized_residue\[E0\]](#) error! Its run-log could be found in [\[E0\]5EIN\[E0\]](#)

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

PDB [5EV1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5EV1](#)

PDB [5EV2](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5EV2](#)

PDB [5EV3](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5EV3](#)

PDB [5EV4](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5EV4](#)

PDB [5WEU](#) was passing test before but now failed with [80unrecognized_residue80](#) error! Its run-log could be found in [805WEU80](#)

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

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

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

PDB [5EY0](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5EY0](#)

PDB [5EY1](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5EY1](#)

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

PDB [5EZ5](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5EZ5](#)

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

PDB [5F0Q](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5F0Q](#)

PDB [5F0S](#) was passing test before but now failed with [unrecognized_residue](#) error! Its run-log could be found in [5F0S](#)

PDB [5F8I](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5F8I](#)

PDB [5F9H](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5F9H](#)

PDB [5F9R](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5F9R](#)

PDB [5FH0](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5FH0](#)

PDB [5FH1](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5FH1](#)

PDB [5FH2](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5FH2](#)

PDB [5FH3](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5FH3](#)

PDB [5FH4](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5FH4](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PDB [5IJ0](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [5IJ0](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

be found in [305MN730](#)

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

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

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

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

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

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

PDB [5N5N](#) was passing test before but now failed with [PDB unrecognized_residue](#) error! Its run-log could be found in [PDB5N5N](#)

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

PDB [5ND3](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [505ND350](#)

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 [PDB unrecognized_residue](#) error! Its run-log could be found in [PDB5NFV](#)

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

PDB [5OCU](#) was passing test before but now failed with [E2unrecognized_residueE2](#) error! Its run-log could be found in [E25OCUE2](#)

PDB [5OGC](#) was passing test before but now failed with [5OGCunrecognized_residue5OGC](#) 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 [5OXJ](#)

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 [5S4O](#) was passing test before but now failed with `Unrecognized_residue` error! Its run-log could be found in [5S4O](#)

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

[illegible]

be found in [305S5030](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PDB [5SB3](#) was passing test before but now failed with [PDBUnrecognized_residuePDB](#) error! Its run-log could be found in [PDB5SB3PDB](#)

PDB [5SB4](#) was passing test before but now failed with [PDBUnrecognized_residuePDB](#) error! Its run-log could be found in [PDB5SB4PDB](#)

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

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

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

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

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

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

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

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

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

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

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

[illegible]

[illegible]

[illegible]

be found in [\[30\]](#)[5Z4U](#)[\[30\]](#)

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

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

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

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

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

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

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

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

PDB [6A3A](#) was passing test before but now failed with `unrecognized_residue` error! Its run-log could be found in [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 `UnrecognizedResidue` 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 [PDB6B0I](#)

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

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

[illegible]

[illegible]

be found in [306EVW306D](#)

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

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

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

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

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

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

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

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

PDB [6FF7](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [506FF750](#)

PDB [6FF8](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [506FF850](#)

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

PDB [6FJF](#) was passing test before but now failed with [50unrecognized_residue50](#) error! Its run-log could be found in [506FJF50](#)

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 [Error: 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 [Error: unrecognized_residue](#) error! Its run-log could be found in [PDB 6GVN](#)

PDB [6GWC](#) was passing test before but now failed with `50unrecognized_residue50` error! Its run-log could be found in [506GWC50](#)

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

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

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

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

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

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

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

[illegible]

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

[illegible]

[illegible]

[illegible]

[illegible]

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

[illegible]

[illegible]

[illegible]

[illegible]

found in 7F6X

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PDB [7LVQ](#) was passing test before but now failed with [6Q unrecognized_residue6Q](#) error! Its run-log could be found in [6Q 7LVQ6Q](#)

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

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

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

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

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

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

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

PDB [7M2W](#) was passing test before but now failed with `50unrecognized_residue50` error! Its run-log could be found in [507M2W50](#)

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

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

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

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

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NOTE: 30728 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)