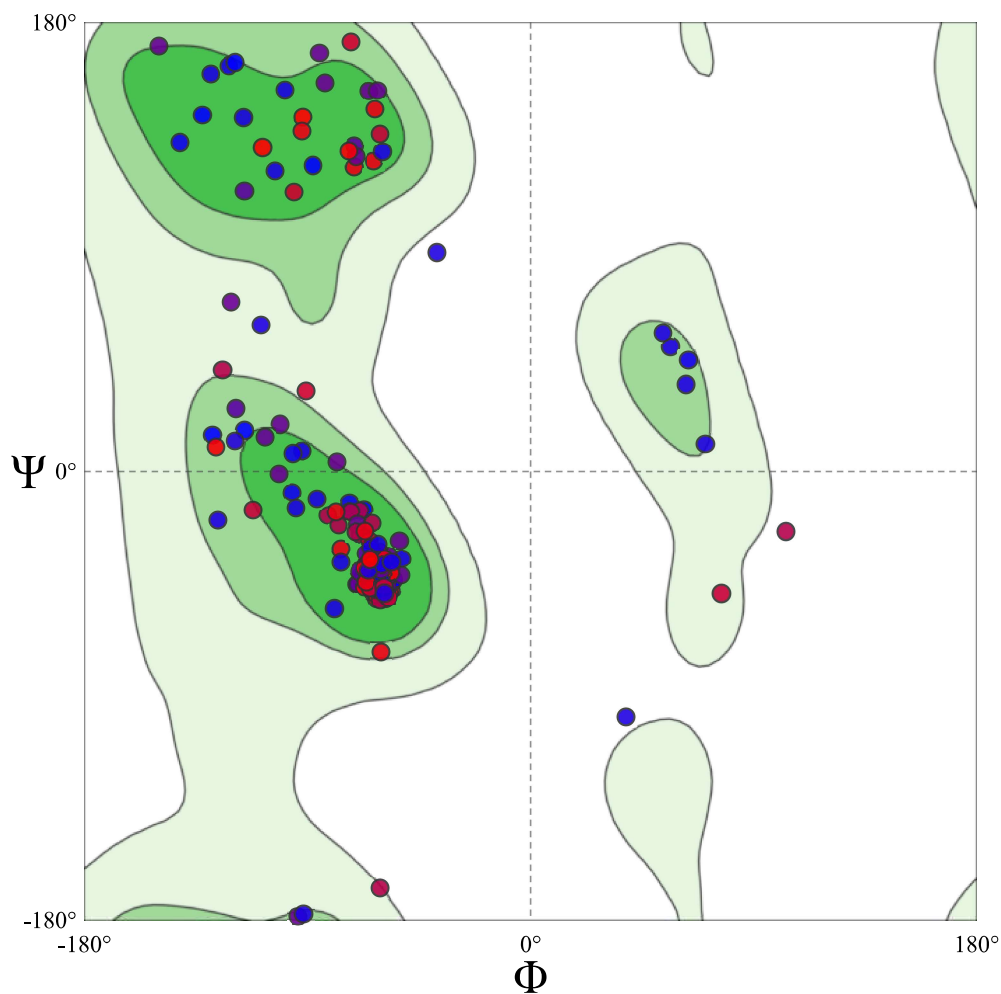# Structure Assessment

Help   Examples ▾

Untitled Project; Model 01; ⬇ PDB 📄 JSON ☰ ☐ ✖

Created: Wed 30 Dec 2020, 15:52;

Ramachandran Plots   ⌃

General | Glycine | Proline | Pre-Proline | Chain A ▾ | 📷

MolProbity Results   ⌃

MolProbity Score	1.66	
☐ Clash Score	2.50	(A728 GLU-A769 HIS)
Ramachandran Favoured	95.80%	
☐ Ramachandran Outliers	1.68%	A618 ASP, A651 ALA, A799 MET, A620 ASN

☐ Rotamer Outliers	2.73%	A798 GLU, A676 MET, A611 LYS, A799 MET, A817 ILE, A800 CYS
☐ C-Beta Deviations	3	A800 CYS, A585 SER, A685 ASP
Bad Bonds	0 / 2004	
☐ Bad Angles	17 / 2710	(A581 ILE-A582 PRO), A719 MET, A676 MET, (A616 SER-A617 PRO), (A655 ILE-A656 PRO), A621 GLU, A778 PHE, A769 HIS, A714 HIS, A800 CYS, A772 ASP, A682 HIS, A708 ASN, A630 HIS, A698 ASP, A609 ASP

Results obtained using MolProbity version 4.4

Quality Estimate

QMEAN		-0.41
Cβ		-0.14
All Atom		1.22
solvation		1.77
torsion		-1.10

Local Quality Estimate

Predicted Local Similarity to Target

Residue Number

Comparison with Non-redundant Set of PDB Structures

normalized QMEAN4

Protein Size (Residues)
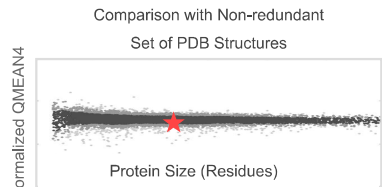
Residue Quality

QMEAN
                                                                                                    50

Chain:A MNLSPMMYRLNHAQGQKLPMAAEQQQQQSQQHPQQQQQPTTTPQTTPPTP
4ozt.1.A ───

QMEAN

Chain:A TQSQQQQIIPSHILLQQQLDAASANTNSSNSNTTISNSHSITHHSNNEPV 100
4ozt.1.A ───

QMEAN

Chain:A FLNNFTEQESNTPLALRQASNASSTSNSALLHTIHQHHSHTHQAPPTPPN 150
4ozt.1.A --

QMEAN

Chain:A HSRLIHSTAANNLVITNAAAAAALVAASAAAAAANQVDVLSSNSSVEENL 200
4ozt.1.A --

QMEAN

Chain:A KLLKTAIKSEPLPHDLNSASNSNHNNHNNVNNLSSNKEDLISLAACSALA 250
4ozt.1.A --

QMEAN

Chain:A NVVIPASSANAVASSSTSVSSTMSSAKANVLKNVSTSALSNAITQVALAA 300
4ozt.1.A --

QMEAN

Chain:A GAGNGGSVSASGGVVSAAAGSVAGAGGSGGEALTSSNGSMVFVPSKRARM 350
4ozt.1.A --

QMEAN

Chain:A ELREEWISTPSPGSVPSTAPLSPSSASQNHMYGANMSNGYASPMSAGSYD 400
4ozt.1.A --

QMEAN

Chain:A PFSPNGKTGRDDLSPSSSLNGFSTSDASDVKKIKKGPAPRLQEELCLVCG 450
4ozt.1.A --

QMEAN

Chain:A DRASGYHYNALTCEGCKGFFRRSVTKNAVYCCKFGHACEMDMYMRRKCQE 500
4ozt.1.A --

QMEAN

Chain:A CRLKKCLAVGMRPECVVPENQCAMKRREKKAQKEKDKIQTSVCATEIKKE 550
4ozt.1.A --

QMEAN

Chain:A ILDLMTCEPPSHPTCPLLPEDILAKCQARN**IPPLSYNQLAVIYKLIWYQD** 600
4ozt.1.A ------------------------------VKPISPEQEELIHRLVYFQN 20

QMEAN

```
Chain:A  GYEQPSEEDLKRIMSSPDENESQHDVSFRHITEITILTVQLIVEFAKGLP   650
4ozt.1.A EYEQPSDEDLKRISNTPSEGEDQSDLNFRHITEITILTVQLIVEFAKRLP    70
                                              CCCCCHHHHHHHHHHHHHH
```

QMEAN

```
Chain:A  AFTKIPQEDQITLLKACSSEVMMLRMARRYDHNSDSIFFANNRSYTRDSY   700
4ozt.1.A GTDKLLREDQIALLKACSSEVMMLRMARRYDVGSDSILFANNQPYTRDSY   120
         HTSSCCHHHHHHHHTCCCSSCCHHHHHHHHHHHHHHHHHHHHHHHHTTST
```

QMEAN

```
Chain:A  KMAGMADNIEDLLHFCRQMYSMKVDNVEYALLTAIVIFSDRPGLEEAELV   750
4ozt.1.A SLAGMGETVDDLLRFCRQMYGMKVDNAEYALLTAIVIFSERPSLIEGWKV   170
         TGGGSCHHHHHHHHHHHHHHHHHHHHTTEETTTTTEEECTTSCEECHHHH
```

QMEAN

```
Chain:A  EAIQSYYIDTLRIYILNRHCGDPMSLVFFAKLLSILTELRTLGNQNAEMC   800
4ozt.1.A EKIQEIYLEALKVYVDNRR-I-KPIASGTIFAKLLSVLTELRTLGNLNSEMC 218
         HHHTCHHHHHHHHHHHHHHHHHTTCCHHHHHHHHHHHHTSCCTTCSSHHHH
```

QMEAN

```
Chain:A  FSLKLKNRKLPKFLEEIWDV   820
4ozt.1.A FSLKLKNKKLPPFLAEIWDV   238
         HHHHHHHHHHHHHHHSTTSTHHHHHHHHHHHHHHHHHHHHSTT
```

```
HHHHHTTCCCCHHHHHHTTC
```


⚙ Cartoon ▲ 📷▲ ▶ ⏏ ↻