Structure Assessment

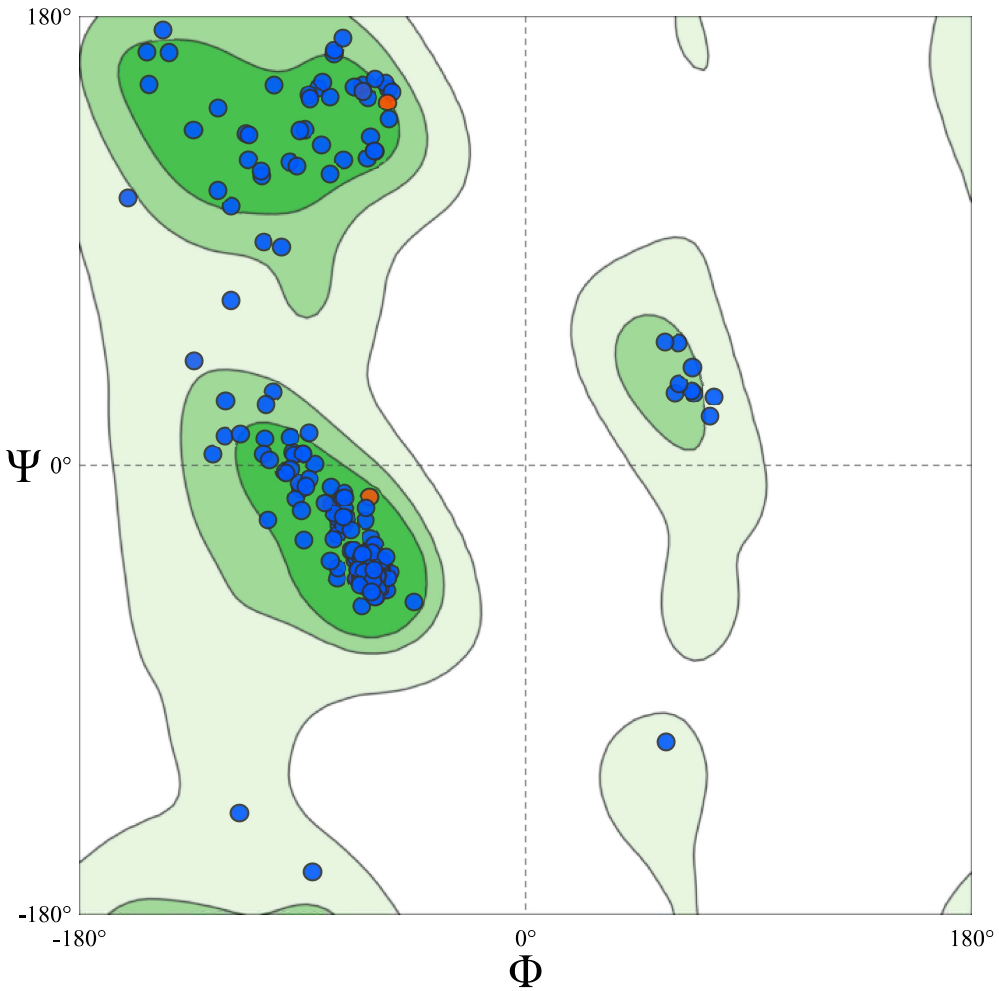
Help Examples

Mosquito juvenile hormone-binding protein; Model 01;

PDB JSON

Created: Thu 25th Mar, 21:36;

Ramachandran Plots



General Glycine Proline Pre-Proline Chain A

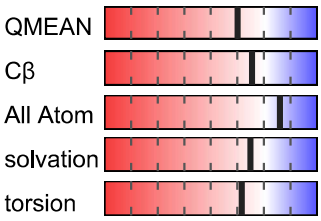
MolProbity Results

MolProbity Score	0.64
Clash Score	0.23
Ramachandran Favoured	97.75%

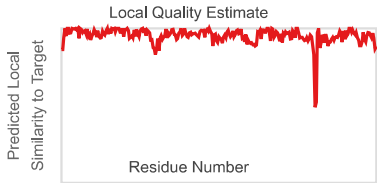
Ramachandran Outliers	0.00%	
Rotamer Outliers	0.86%	A169 PHE, A235 VAL
C-Beta Deviations	4	A186 SER, A121 SER, A201 ARG, A58 THR
Bad Bonds	1 / 2250	A96 HIS
Bad Angles	14 / 3046	A237 ALA, A58 THR, (A110 GLU-A111 PRO), (A187 CYS-A188 PRO), A136 HIS, A186 SER, A54 HIS, A79 GLU, A96 HIS, A137 HIS, A121 SER, A85 GLU
Cis Prolines	1 / 10	(A276 GLU-A277 PRO)

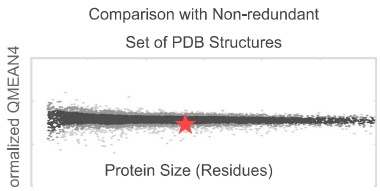
Results obtained using MolProbity version 4.4

Quality Estimate

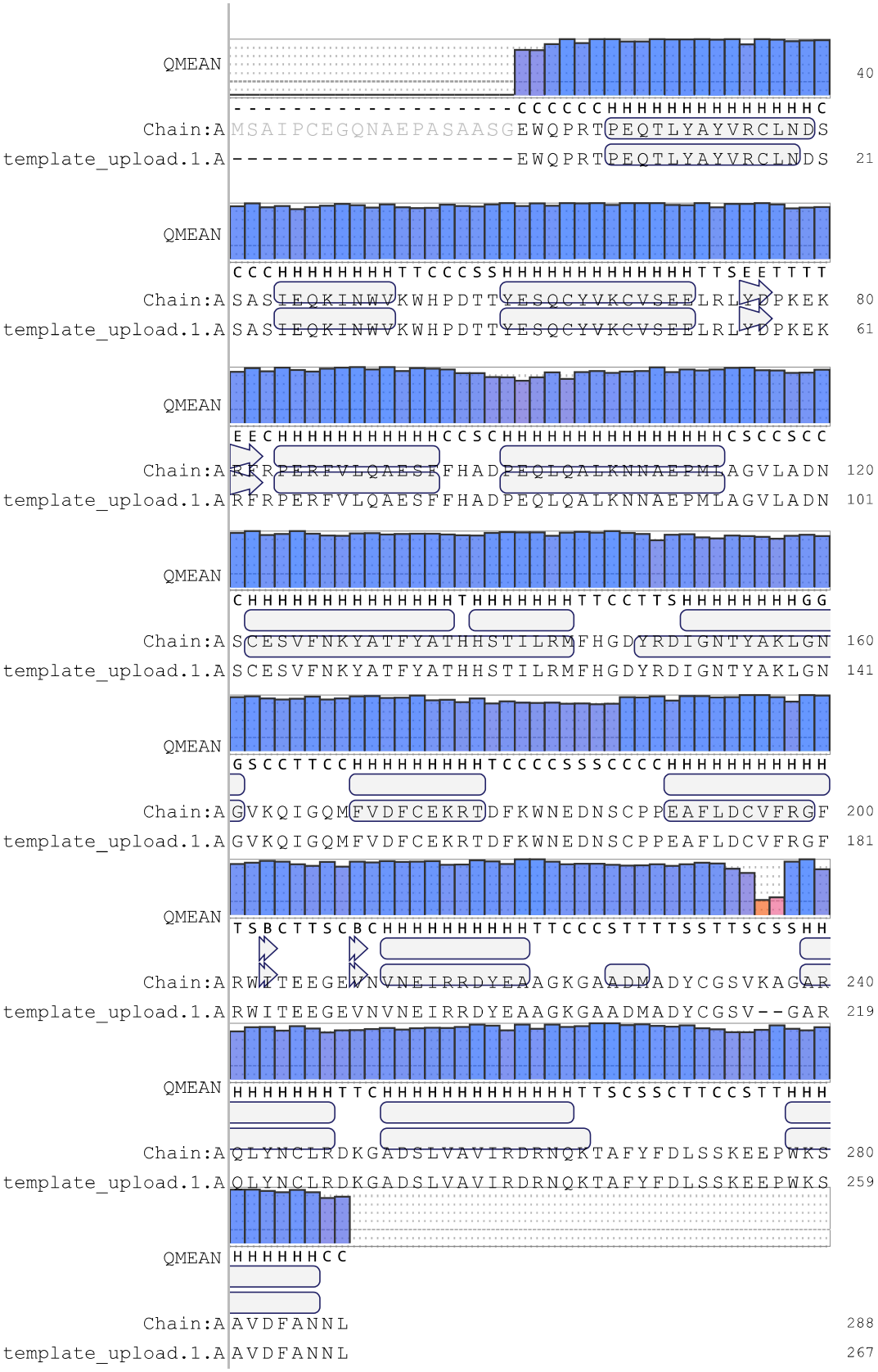


QMEAN	-0.99
Cβ	-0.44
All Atom	0.60
solvation	-0.51
torsion	-0.83





Residue Quality


QMEAN
Chain:A MSAIPCEGQNAEPASAASGEWQPRTPEQTLYAYVRCLNDS
template_upload.1.A ----------EWQPRTPEQTLYAYVRCLNDS 21
Chain:A SASIEQKINWVKWHPDTTYESQCYVKCVSEELRLYDPKEK 80
template_upload.1.A SASIEQKINWVKWHPDTTYESQCYVKCVSEELRLYDPKEK 61
Chain:A RFRPERFVLQAESFFHADPEQLQALKNNAEPMLAGVLADN 120
template_upload.1.A RFRPERFVLQAESFFHADPEQLQALKNNAEPMLAGVLADN 101
Chain:A SCESVFNKYATFYATHHSTILRMFHGDYRDIGNTYAKLGN 160
template_upload.1.A SCESVFNKYATFYATHHSTILRMFHGDYRDIGNTYAKLGN 141
Chain:A GVKQIGQMFVDFCEKRTDFKWNEDNSCPPEAFLDCVFRGF 200
template_upload.1.A GVKQIGQMFVDFCEKRTDFKWNEDNSCPPEAFLDCVFRGF 181
Chain:A RWITEEGEVNVNEIRRDYEAAGKGAADMADYCGSVKAGAR 240
template_upload.1.A RWITEEGEVNVNEIRRDYEAAGKGAADMADYCGSV--GAR 219
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Chain:A AVDFANNL 288
template_upload.1.A AVDFANNL 267