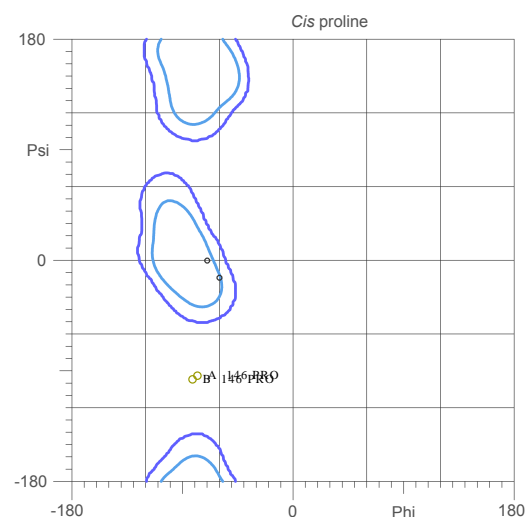
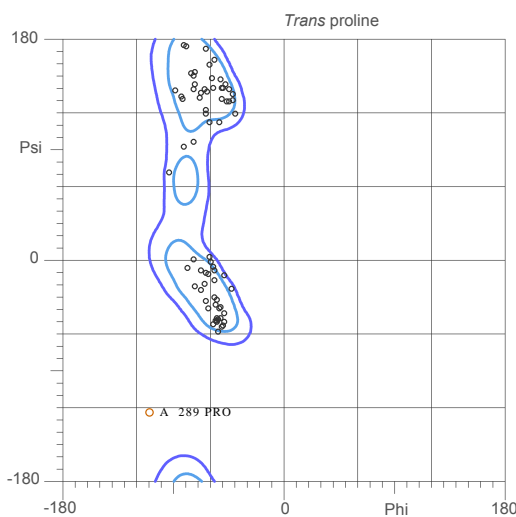
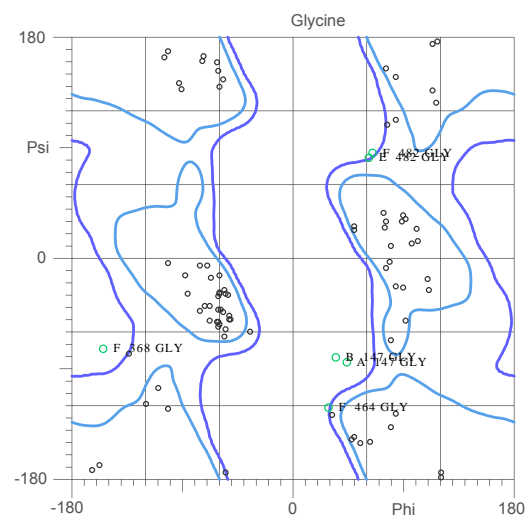
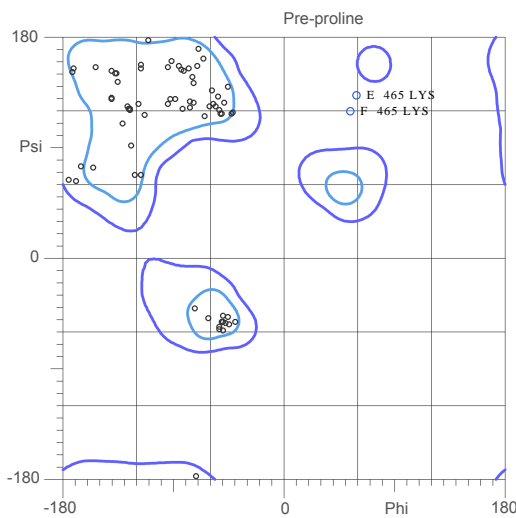
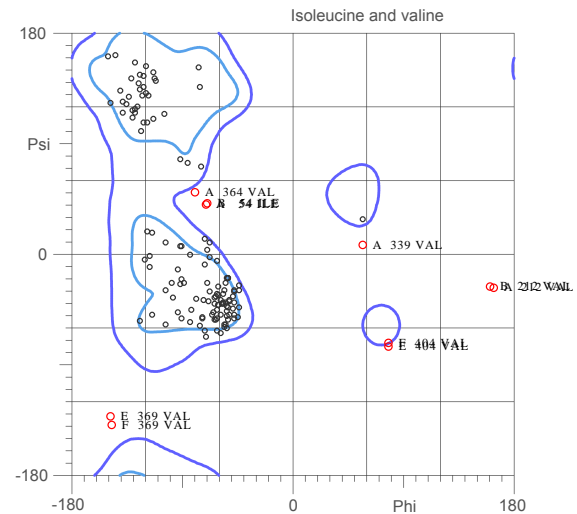
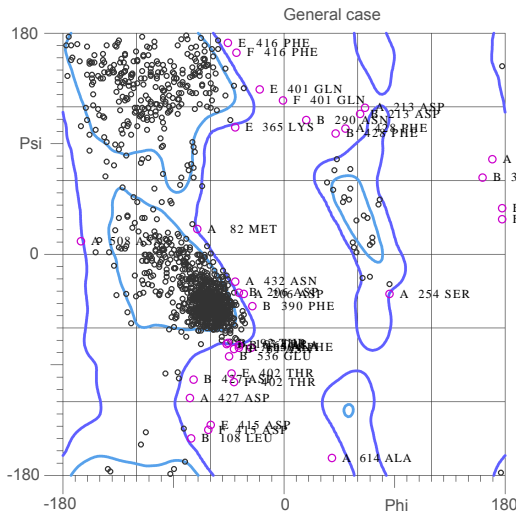


MolProbity Ramachandran analysis

3d0i.H.pdb, model 1



87.1% (131/150) of all residues were in favored (98%) regions.
96.7% (143/147) of all residues were in allowed (100%) regions.

Shown here: 37 outliers (Phi, Psi):

| | |
|------------------------|------------------------|
| A 340 GLN (174, 45.3) | B 340 GLN (174, 45.3) |
| A 82 MET (174, 45.3) | B 82 MET (174, 45.3) |
| A 401 GLN (174, 45.3) | B 401 GLN (174, 45.3) |
| A 416 PHE (174, 45.3) | B 416 PHE (174, 45.3) |
| A 432 ASN (174, 45.3) | B 432 ASN (174, 45.3) |
| A 465 LYS (174, 45.3) | B 465 LYS (174, 45.3) |
| A 536 GLU (174, 45.3) | B 536 GLU (174, 45.3) |
| A 614 ALA (174, 45.3) | B 614 ALA (174, 45.3) |
| A 129 PHE (174, 45.3) | B 129 PHE (174, 45.3) |
| A 206 ASP (174, 45.3) | B 206 ASP (174, 45.3) |
| A 289 PRO (174, 45.3) | B 289 PRO (174, 45.3) |
| A 364 VAL (174, 45.3) | B 364 VAL (174, 45.3) |
| A 390 PHE (174, 45.3) | B 390 PHE (174, 45.3) |
| A 402 THR (174, 45.3) | B 402 THR (174, 45.3) |
| A 427 ASP (174, 45.3) | B 427 ASP (174, 45.3) |
| A 482 GLY (174, 45.3) | B 482 GLY (174, 45.3) |
| A 500 LYS (174, 45.3) | B 500 LYS (174, 45.3) |
| A 536 GLU (174, 45.3) | B 536 GLU (174, 45.3) |
| A 568 VAL (174, 45.3) | B 568 VAL (174, 45.3) |
| A 614 ALA (174, 45.3) | B 614 ALA (174, 45.3) |
| A 646 LYS (174, 45.3) | B 646 LYS (174, 45.3) |
| A 678 VAL (174, 45.3) | B 678 VAL (174, 45.3) |
| A 710 GLY (174, 45.3) | B 710 GLY (174, 45.3) |
| A 742 ASP (174, 45.3) | B 742 ASP (174, 45.3) |
| A 774 THR (174, 45.3) | B 774 THR (174, 45.3) |
| A 806 VAL (174, 45.3) | B 806 VAL (174, 45.3) |
| A 838 GLY (174, 45.3) | B 838 GLY (174, 45.3) |
| A 870 ASP (174, 45.3) | B 870 ASP (174, 45.3) |
| A 902 THR (174, 45.3) | B 902 THR (174, 45.3) |
| A 934 VAL (174, 45.3) | B 934 VAL (174, 45.3) |
| A 966 LYS (174, 45.3) | B 966 LYS (174, 45.3) |
| A 998 GLY (174, 45.3) | B 998 GLY (174, 45.3) |
| A 1030 VAL (174, 45.3) | B 1030 VAL (174, 45.3) |
| A 1062 ASP (174, 45.3) | B 1062 ASP (174, 45.3) |
| A 1094 THR (174, 45.3) | B 1094 THR (174, 45.3) |
| A 1126 VAL (174, 45.3) | B 1126 VAL (174, 45.3) |
| A 1158 GLY (174, 45.3) | B 1158 GLY (174, 45.3) |
| A 1190 ASP (174, 45.3) | B 1190 ASP (174, 45.3) |
| A 1222 THR (174, 45.3) | B 1222 THR (174, 45.3) |
| A 1254 VAL (174, 45.3) | B 1254 VAL (174, 45.3) |
| A 1286 LYS (174, 45.3) | B 1286 LYS (174, 45.3) |
| A 1318 GLY (174, 45.3) | B 1318 GLY (174, 45.3) |
| A 1350 ASP (174, 45.3) | B 1350 ASP (174, 45.3) |
| A 1382 THR (174, 45.3) | B 1382 THR (174, 45.3) |
| A 1414 VAL (174, 45.3) | B 1414 VAL (174, 45.3) |
| A 1446 GLY (174, 45.3) | B 1446 GLY (174, 45.3) |
| A 1478 ASP (174, 45.3) | B 1478 ASP (174, 45.3) |
| A 1510 THR (174, 45.3) | B 1510 THR (174, 45.3) |
| A 1542 VAL (174, 45.3) | B 1542 VAL (174, 45.3) |
| A 1574 LYS (174, 45.3) | B 1574 LYS (174, 45.3) |
| A 1606 GLY (174, 45.3) | B 1606 GLY (174, 45.3) |
| A 1638 ASP (174, 45.3) | B 1638 ASP (174, 45.3) |
| A 1670 THR (174, 45.3) | B 1670 THR (174, 45.3) |
| A 1702 VAL (174, 45.3) | B 1702 VAL (174, 45.3) |
| A 1734 GLY (174, 45.3) | B 1734 GLY (174, 45.3) |
| A 1766 ASP (174, 45.3) | B 1766 ASP (174, 45.3) |
| A 1798 THR (174, 45.3) | B 1798 THR (174, 45.3) |
| A 1830 VAL (174, 45.3) | B 1830 VAL (174, 45.3) |
| A 1862 LYS (174, 45.3) | B 1862 LYS (174, 45.3) |
| A 1894 GLY (174, 45.3) | B 1894 GLY (174, 45.3) |
| A 1926 ASP (174, 45.3) | B 1926 ASP (174, 45.3) |
| A 1958 THR (174, 45.3) | B 1958 THR (174, 45.3) |
| A 1990 VAL (174, 45.3) | B 1990 VAL (174, 45.3) |
| A 2022 LYS (174, 45.3) | B 2022 LYS (174, 45.3) |
| A 2054 GLY (174, 45.3) | B 2054 GLY (174, 45.3) |
| A 2086 ASP (174, 45.3) | B 2086 ASP (174, 45.3) |
| A 2118 THR (174, 45.3) | B 2118 THR (174, 45.3) |
| A 2150 VAL (174, 45.3) | B 2150 VAL (174, 45.3) |
| A 2182 LYS (174, 45.3) | B 2182 LYS (174, 45.3) |
| A 2214 GLY (174, 45.3) | B 2214 GLY (174, 45.3) |
| A 2246 ASP (174, 45.3) | B 2246 ASP (174, 45.3) |
| A 2278 THR (174, 45.3) | B 2278 THR (174, 45.3) |
| A 2310 VAL (174, 45.3) | B 2310 VAL (174, 45.3) |
| A 2342 LYS (174, 45.3) | B 2342 LYS (174, 45.3) |
| A 2374 GLY (174, 45.3) | B 2374 GLY (174, 45.3) |
| A 2406 ASP (174, 45.3) | B 2406 ASP (174, 45.3) |
| A 2438 THR (174, 45.3) | B 2438 THR (174, 45.3) |
| A 2470 VAL (174, 45.3) | B 2470 VAL (174, 45.3) |
| A 2502 LYS (174, 45.3) | B 2502 LYS (174, 45.3) |
| A 2534 GLY (174, 45.3) | B 2534 GLY (174, 45.3) |
| A 2566 ASP (174, 45.3) | B 2566 ASP (174, 45.3) |
| A 2598 THR (174, 45.3) | B 2598 THR (174, 45.3) |
| A 2630 VAL (174, 45.3) | B 2630 VAL (174, 45.3) |
| A 2662 LYS (174, 45.3) | B 2662 LYS (174, 45.3) |
| A 2694 GLY (174, 45.3) | B 2694 GLY (174, 45.3) |
| A 2726 ASP (174, 45.3) | B 2726 ASP (174, 45.3) |
| A 2758 THR (174, 45.3) | B 2758 THR (174, 45.3) |
| A 2790 VAL (174, 45.3) | B 2790 VAL (174, 45.3) |
| A 2822 LYS (174, 45.3) | B 2822 LYS (174, 45.3) |
| A 2854 GLY (174, 45.3) | B 2854 GLY (174, 45.3) |
| A 2886 ASP (174, 45.3) | B 2886 ASP (174, 45.3) |
| A 2918 THR (174, 45.3) | B 2918 THR (174, 45.3) |
| A 2950 VAL (174, 45.3) | B 2950 VAL (174, 45.3) |
| A 2982 LYS (174, 45.3) | B 2982 LYS (174, 45.3) |
| A 3014 GLY (174, 45.3) | B 3014 GLY (174, 45.3) |
| A 3046 ASP (174, 45.3) | B 3046 ASP (174, 45.3) |
| A 3078 THR (174, 45.3) | B 3078 THR (174, 45.3) |
| A 3110 VAL (174, 45.3) | B 3110 VAL (174, 45.3) |
| A 3142 LYS (174, 45.3) | B 3142 LYS (174, 45.3) |
| A 3174 GLY (174, 45.3) | B 3174 GLY (174, 45.3) |
| A 3206 ASP (174, 45.3) | B 3206 ASP (174, 45.3) |
| A 3238 THR (174, 45.3) | B 3238 THR (174, 45.3) |
| A 3270 VAL (174, 45.3) | B 3270 VAL (174, 45.3) |
| A 3302 LYS (174, 45.3) | B 3302 LYS (174, 45.3) |
| A 3334 GLY (174, 45.3) | B 3334 GLY (174, 45.3) |
| A 3366 ASP (174, 45.3) | B 3366 ASP (174, 45.3) |
| A 3398 THR (174, 45.3) | B 3398 THR (174, 45.3) |
| A 3430 VAL (174, 45.3) | B 3430 VAL (174, 45.3) |
| A 3462 LYS (174, 45.3) | B 3462 LYS (174, 45.3) |
| A 3494 GLY (174, 45.3) | B 3494 GLY (174, 45.3) |
| A 3526 ASP (174, 45.3) | B 3526 ASP (174, 45.3) |
| A 3558 THR (174, 45.3) | B 3558 THR (174, 45.3) |
| A 3590 VAL (174, 45.3) | B 3590 VAL (174, 45.3) |
| A 3622 LYS (174, 45.3) | B 3622 LYS (174, 45.3) |
| A 3654 GLY (174, 45.3) | B 3654 GLY (174, 45.3) |
| A 3686 ASP (174, 45.3) | B 3686 ASP (174, 45.3) |
| A 3718 THR (174, 45.3) | B 3718 THR (174, 45.3) |
| A 3750 VAL (174, 45.3) | B 3750 VAL (174, 45.3) |
| A 3782 LYS (174, 45.3) | B 3782 LYS (174, 45.3) |
| A 3814 GLY (174, 45.3) | B 3814 GLY (174, 45.3) |
| A 3846 ASP (174, 45.3) | B 3846 ASP (174, 45.3) |
| A 3878 THR (174, 45.3) | B 3878 THR (174, 45.3) |
| A 3910 VAL (174, 45.3) | B 3910 VAL (174, 45.3) |
| A 3942 LYS (174, 45.3) | B 3942 LYS (174, 45.3) |
| A 3974 GLY (174, 45.3) | B 3974 GLY (174, 45.3) |
| A 4006 ASP (174, 45.3) | B 4006 ASP (174, 45.3) |
| A 4038 THR (174, 45.3) | B 4038 THR (174, 45.3) |
| A 4070 VAL (174, 45.3) | B 4070 VAL (174, 45.3) |
| A 4102 LYS (174, 45.3) | B 4102 LYS (174, 45.3) |
| A 4134 GLY (174, 45.3) | B 4134 GLY (174, 45.3) |
| A 4166 ASP (174, 45.3) | B 4166 ASP (174, 45.3) |
| A 4198 THR (174, 45.3) | B 4198 THR (174, 45.3) |
| A 4230 VAL (174, 45.3) | B 4230 VAL (174, 45.3) |
| A 4262 LYS (174, 45.3) | B 4262 LYS (174, 45.3) |
| A 4294 GLY (174, 45.3) | B 4294 GLY (174, 45.3) |
| A 4326 ASP (174, 45.3) | B 4326 ASP (174, 45.3) |
| A 4358 THR (174, 45.3) | B 4358 THR (174, 45.3) |
| A 4390 VAL (174, 45.3) | B 4390 VAL (174, 45.3) |
| A 4422 LYS (174, 45.3) | B 4422 LYS (174, 45.3) |
| A 4454 GLY (174, 45.3) | B 4454 GLY (174, 45.3) |
| A 4486 ASP (174, 45.3) | B 4486 ASP (174, 45.3) |
| A 4518 THR (174, 45.3) | B 4518 THR (174, 45.3) |
| A 4550 VAL (174, 45.3) | B 4550 VAL (174, 45.3) |
| A 4582 LYS (174, 45.3) | B 4582 LYS (174, 45.3) |
| A 4614 GLY (174, 45.3) | B 4614 GLY (174, 45.3) |
| A 4646 ASP (174, 45.3) | B 4646 ASP (174, 45.3) |
| A 4678 THR (174, 45.3) | B 4678 THR (174, 45.3) |
| A 4710 VAL (174, 45.3) | B 4710 VAL (174, 45.3) |
| A 4742 LYS (174, 45.3) | B 4742 LYS (174, 45.3) |
| A 4774 GLY (174, 45.3) | B 4774 GLY (174, 45.3) |
| A 4806 ASP (174, 45.3) | B 4806 ASP (174, 45.3) |
| A 4838 THR (174, 45.3) | B 4838 THR (174, 45.3) |
| A 4870 VAL (174, 45.3) | B 4870 VAL (174, 45.3) |
| A 4902 LYS (174, 45.3) | B 4902 LYS (174, 45.3) |
| A 4934 GLY (174, 45.3) | B 4934 GLY (174, 45.3) |
| A 4966 ASP (174, 45.3) | B 4966 ASP (174, 45.3) |
| A 4998 THR (174, 45.3) | B 4998 THR (174, 45.3) |
| A 5030 VAL (174, 45.3) | B 5030 VAL (174, 45.3) |
| A 5062 LYS (174, 45.3) | B 5062 LYS (174, 45.3) |
| A 5094 GLY (174, 45.3) | B 5094 GLY (174, 45.3) |
| A 5126 ASP (174, 45.3) | B 5126 ASP (174, 45.3) |
| A 5158 THR (174, 45.3) | B 5158 THR (174, 45.3) |
| A 5190 VAL (174, 45.3) | B 5190 VAL (174, 45.3) |
| A 5222 LYS (174, 45.3) | B 5222 LYS (174, 45.3) |
| A 5254 GLY (174, 45.3) | B 5254 GLY (174, 45.3) |
| A 5286 ASP (174, 45.3) | B 5286 ASP (174, 45.3) |
| A 5318 THR (174, 45.3) | B 5318 THR (174, 45.3) |
| A 5350 VAL (174, 45.3) | B 5350 VAL (174, 45.3) |
| A 5382 LYS (174, 45.3) | B 5382 LYS (174, 45.3) |
| A 5414 GLY (174, 45.3) | B 5414 GLY (174, 45.3) |
| A 5446 ASP (174, 45.3) | B 5446 ASP (174, 45.3) |
| A 5478 THR (174, 45.3) | B 5478 THR (174, 45.3) |
| A 5510 VAL (174, 45.3) | B 5510 VAL (174, 45.3) |
| A 5542 LYS (174, 45.3) | B 5542 LYS (174, 45.3) |
| A 5574 GLY (174, 45.3) | B 5574 GLY (174, 45.3) |
| A 5606 ASP (174, 45.3) | B 5606 ASP (174, 45.3) |
| A 5638 THR (174, 45.3) | B 5638 THR (174, 45.3) |
| A 5670 VAL (174, 45.3) | B 5670 VAL (174, 45.3) |
| A 5702 LYS (174, 45.3) | B 5702 LYS (174, 45.3) |
| A 5734 GLY (174, 45.3) | B 5734 GLY (174, 45.3) |
| A 5766 ASP (174, 45.3) | B 5766 ASP (174, 45.3) |
| A 5798 THR (174, 45.3) | B 5798 THR (174, 45.3) |
| A 5830 VAL (174, 45.3) | B 5830 VAL (174, 45.3) |
| A 5862 LYS (174, 45.3) | B 5862 LYS (174, 45.3) |
| A 5894 GLY (174, 45.3) | B 5894 GLY (174, 45.3) |
| A 5926 ASP (174, 45.3) | B 5926 ASP (174, 45.3) |
| A 5958 THR (174, 45.3) | B 5958 THR (174, 45.3) |
| A 5990 VAL (174, 45.3) | B 5990 VAL (174, 45.3) |
| A 6022 LYS (174, 45.3) | B 6022 LYS (174, 45.3) |
| A 6054 GLY (174, 45.3) | B 6054 GLY (174, 45.3) |
| A 6086 ASP (174, 45.3) | B 6086 ASP (174, 45.3) |
| A 6118 THR (174, 45.3) | B 6118 THR (174, 45.3) |
| A 6150 VAL (174, 45.3) | B 6150 VAL (174, 45.3) |
| A 6182 LYS (174, 45.3) | B 6182 LYS (174, 45.3) |
| A 6214 GLY (174, 45.3) | B 6214 GLY (174, 45.3) |
| A 6246 ASP (174, 45.3) | B 6246 ASP (174, 45.3) |
| A 6278 THR (174, 45.3) | B 6278 THR (174, 45.3) |
| A 6310 VAL (174, 45.3) | B 6310 VAL (174, 45.3) |
| A 6342 LYS (174, 45.3) | B 6342 LYS (174, 45.3) |
| A 6374 GLY (174, 45.3) | B 6374 GLY (174, 45.3) |
| A 6406 ASP (174, 45.3) | B 6406 ASP (174, 45.3) |
| A 6438 THR (174, 45.3) | B 6438 THR (174, 45.3) |
| A 6470 VAL (174, 45.3) | B 6470 VAL (174, 45.3) |
| A 6502 LYS (174, 45.3) | B 6502 LYS (174, 45.3) |
| A 6534 GLY (174, 45.3) | B 6534 GLY (174, 45.3) |
| A 6566 ASP (174, 45.3) | B 6566 ASP (174, 45.3) |
| A 6598 THR (174, 45.3) | B 6598 THR (174, 45.3) |
| A 6630 VAL (174, 45.3) | B 6630 VAL (174, 45.3) |
| A 6662 LYS (174, 45.3) | B 6662 LYS (174, 45.3) |
| A 6694 GLY (174, 45.3) | B 6694 GLY (174, 45.3) |
| A 6726 ASP (174, 45.3) | B 6726 ASP (174, 45.3) |
| A 6758 THR (174, 45.3) | B 6758 THR (174, 45.3) |
| A 6790 VAL (174, 45.3) | B 6790 VAL (174, 45.3) |
| A 6822 LYS (174, 45.3) | B 6822 LYS (174, 45.3) |
| A 6854 GLY (174, 45.3) | B 6854 GLY (174, 45.3) |
| A 6886 ASP (174, 45.3) | B 6886 ASP (174, 45.3) |
| A 6918 THR (| |