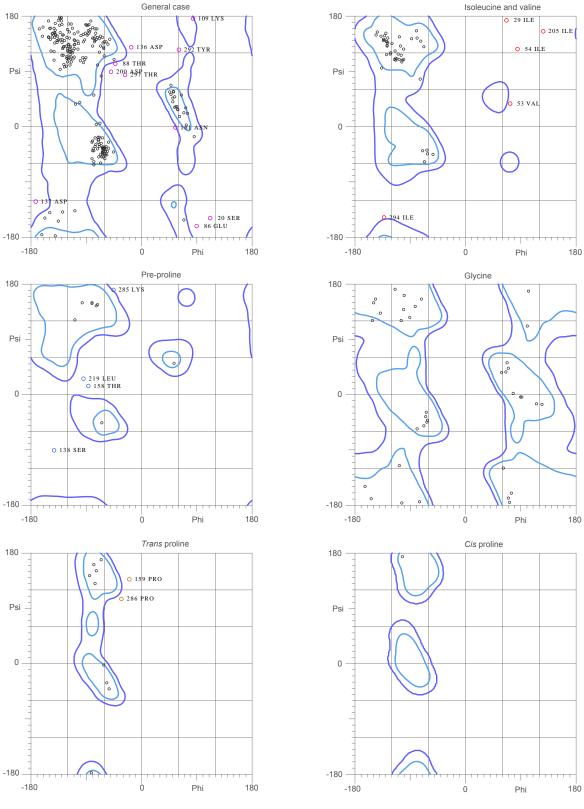
## MolProbity Ramachandran analysis





8,3% (309/350) of all residues were in favored (98%) regions.

There were 21 outliers (phi, psi) 20 SER (112,3, -149,0) 29 ILE (68,0, 174,5) 53 VAL (73,1, 38,1)

29 HE (68.9, 174.5) 53 VAL (73.1, 38.1) 54 HE (85.1, 127.7) 86 GLU (90.9, -162.6) 88 THR (-43.3, 103.5) 109 LYS (84.7, 177.2) 136 ASP (-17.2, 130.0) 137 ASP (-173.4, -122, 138 SER (-143.9, -91.7) 158 THR (-87.2, 14.3) 159 PRO (-20.7, 138.3)

136 ASP (-17.2, 136.0) 173 ASP (-17.4, -122.6) 138 SER (-143.9, -91.7) 158 TER (-87.2, 14.3) 159 PRO (-20,7, 138.5) 161 ASN (35.3, -1.7) 200 ASP (-50.3, -90.3) 295 ILE (127.5, 156.2) 219 LEU (-95.4, 26.6) 225 LYS (-66.7, 171.4) 226 PRO (-33.9, 106.4) 292 TYR (61.4, 126.8) 292 TYR (61.4, 126.8)