MolProbity Ramachandran analysis

http://kinemage.biochem.duke.edu


89.7% (811/904) of all residues were in favored (98%) regions.
96.3% (871/904) of all residues were in allowed (>99.8%) regions.

There were 33 outliers (phi, psi):

A   80 SER (152.3, -104.1)
A   83 LYS (135.0, -53.2)
A   84 LYS (-63.8, 84.4)
A  244 LYS (60.8, -88.5)
A  246 GLN (50.2, -177.7)
A  267 LEU (54.9, 155.9)
A  270 VAL (-150.8, -133.4)
A  271 ASP (-59.6, 5.7)
B   11 ALA (-28.3, 137.1)
B   14 ARG (66.8, 120.1)
B   22 PRO (-34.9, -90.6)
B   50 SER (115.7, 54.6)
B   53 MET (150.2, -11.2)
B  120 PRO (-57.8, 38.9)
B  129 LYS (86.1, 137.4)
B  131 ALA (53.8, -59.6)
C   78 ASN (11.9, 108.0)
C   80 SER (-177.7, -16.7)
C  131 SER (-70.1, 20.9)
C  166 GLY (-57.2, 98.2)
C  246 GLN (92.8, 174.5)
C  256 ASN (168.2, -32.6)
C  270 VAL (-114.1, -120.4)
D   22 PRO (-63.8, 36.4)
D   24 GLN (54.6, -14.2)
D   49 PRO (-72.4, -79.1)
D   50 SER (54.8, 100.5)
D   68 GLU (31.6, -78.9)
D   88 ASN (-175.5, 83.9)
D   89 TYR (49.5, 6.5)
D   91 VAL (-57.6, 94.9)
D  120 PRO (-50.5, 46.7)
D  131 ALA (45.9, -66.0)