A
Mean Hamming dist. to closest natural sequence
0.0
0.1
0.2
0.3
0.4
p = 0.1
p = 0.2
p = 0.3
p = 0.4
p = 0.5
p = 0.6
B
Mean MI between synthetic and natural columns
0.5
1.0
1.5
2.0
2.5
C
Mean HMMER score
50
55
60
65
70
D
Mean statistical energy score
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
E
Mean pairwise Hamming distance
0.45
0.50
0.55
0.60
0.65
0.70
0.75
F
MSD of contact map from initial one
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0
100
200
300
400
500
Iteration number