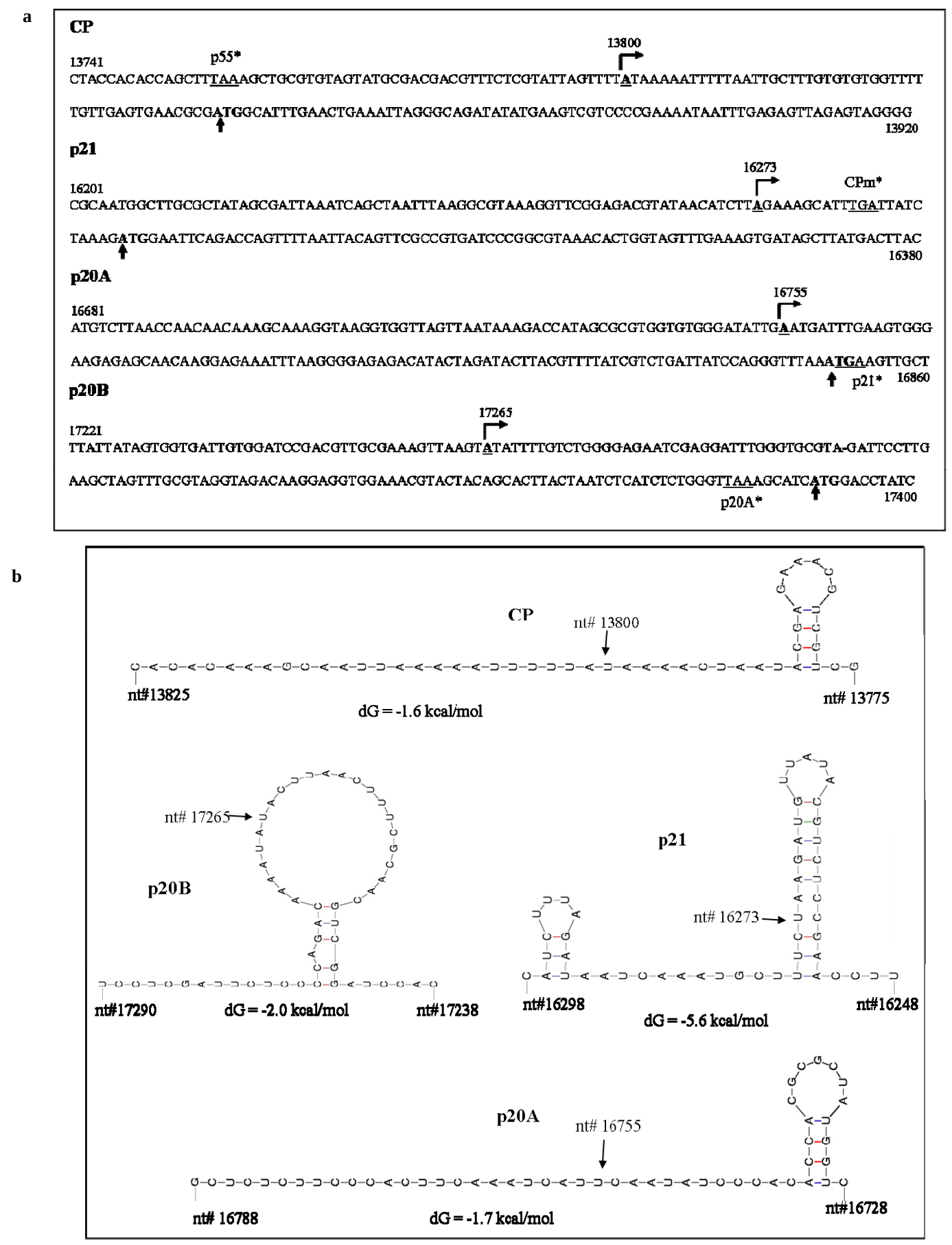
a
CP
13741
p55*
13800
CTACCACACCAGCTTTAAAGCTGCGTGTAGTATGCGACGACGTTTCTCGTATTAGTTTTATAAAAATTTTTAATTGCTTTGTGTGTGGTTTT
TGTTGAGTGAACGCGATGGCATTTGAACTGAAATTAGGGCAGATATATGAAGTCGTCCCCGAAAATAATTTGAGAGTTAGAGTAGGGG
13920
p21
16273
16201
CPm*
CGCAATGGCTTGCGCTATAGCGATTAAATCAGCTAATTTAAGGCGTAAAGGTTCGGAGACGTATAACATCTTAGAAAGCATTTGATTATC
TAAAGATGGAATTCAGACCAGTTTTAATTACAGTTCGCCGTGATCCCGGCGTAAACACTGGTAGTTTGAAAGTGATAGCTTATGACTTAC
16380
p20A
16755
16681
ATGTCTTAACCAACAACAAAGCAAAGGTAAGGTGGTTAGTTAATAAAGACCATAGCGCGTGGTGTGGGATATTGAATGATTTGAAGTGGG
AAGAGAGCAACAAGGAGAAATTTAAGGGGAGAGACATACTAGATACTTACGTTTTATCGTCTGATTATCCAGGGTTTAAATGAAGTTGCT
p21*
16860
p20B
17265
17221
TTATTATAGTGGTGATTGTGGATCCGACGTTGCGAAAGTTAAGTATATTTTGTCTGGGGAGAATCGAGGATTTGGGTGCGTA-GATTCCTTG
AAGCTAGTTTGCGTAGGTAGACAAGGAGGTGGAAACGTACTACAGCACTTACTAATCTCATCTCTGGGTTAAAGCATCATGGACCTATC
p20A*
17400
b
CP
nt# 13800
nt#13825
nt# 13775
dG = -1.6 kcal/mol
nt# 17265
p20B
nt#17290
dG = -2.0 kcal/mol
nt#17238
p21
nt# 16273
nt#16298
nt#16248
dG = -5.6 kcal/mol
p20A
nt# 16755
nt# 16788
dG = -1.7 kcal/mol
nt#16728