T—A
A—T
C—G
C—G
C—G
A—T
T—A
T—A
T—A
C—G
C—G
T—A
C—G
T—A
T—A
C—G
T—A
T—A
G—C
A—T
A—T
A—T
A—T
G—C

ENERGY = -27.6 GFP_f_ GFP_r