

A T C G

ORIGINAL

BINARY

ONE-HOT

A T C G  
[0, 3, 1, 2]

A T C G  
[0, 0, 1, 1, 0, 1, 1, 0]

A T C G  
[1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]

T A A T  
[3, 0, 0, 3]

T A A T  
[1, 1, 0, 0, 0, 0, 1, 1]

T A A T  
[0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]

T A A T