

Nucleotide Sequence	Binary Encoding (LSB ... MSB)	Integer Value
AACGCCA...	00001001101000...	1,424
AACGCGA...	00001001100100...	2,448
AACGTGA...	00001001110100...	2,960
AACGAGT...	00001001000111...	14,480
AACGCGT...	00001001100111...	14,736