Name:	ID:
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CIS 455 Class Activity #2: Finding Motifs

 Find the pattern that is implanted in each of the individual sequences, namely, the motif

Find the profile and the consensus string of this small collection of NF-kb binding sites.

TCGGGGATTTCA ACGGGGATTTT TCGGTACTTTAC TTGGGGACTTTT CCGGTGATTCCC GCGGGGAATTTC TCGGGGATTCCT TCGGGGATTCCT TAGGGGAACTAC TCGGGTATAAAC TCGGGGGTTTTT CCGGTGACTTAC CCAGGGACTCCC AAGGGGACTTCC TTGGGGACTTTT TTTGGGAGTCCC TCGGTGATTTCC TAGGGGAAGACC

A: 2 3 1 0 0 1 16 3 1 2 4 1

C: 3 12 0 0 0 0 1 5 1 5 9 11

G: 1016181416111000

T: 12 3 1 0 4 1 0 9 15 11 5 6

TCGGGGATTTCC