Constructing Scoring Tables

SQ1. Fill out the scoring table to the right, using

Match reward = +1
Gap opening penalty = -3
Mismatch penalty = -2
Gap extension penalty = -2

	G	C	A	A	T
G					
C					
A					
A					
G					
T					

SPECIAL PROBLEM

Query sequence: GCAATATGAATGCCATTGAAGATACCTACAGCCCAGTT

Target sequence: . . .GTTCCCATGTATGAATGCCATTGTTAGATAAGCCTACAGCCCACCC. . .

Scoring parameters

Match reward: +1 Gap opening penalty: -5
Mismatch penalty: -2 Gap extension penalty: -2

Initial word match: GAATGCCATTG

Table 1: Scoring table for query vs subject$_1$

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