

Chapter 6
Exercise 1

a) Matrix S:

	gap	A	C	T	A
gap	0	-3	-6	-9	-12
T	-3	-1	-4	-3	-6
A	-6	0	-2	-5	0
C	-9	-3	3	0	-3
T	-12	-6	0	6	3

b)

Optimal alignment:

–ACTA

TACT–

Score: 3