Gotoh (Local) Unit Tests

Test 1
Input

Sequence A: CG
Sequence B: CCGA

Gap Opening: -3
Enlargement: -1 $g(k) = -3 - k \cdot 1$
Match: 1
Mismatch: -1

Output

		C	C	G	A
	-	-∞	-∞	-∞	-∞
C	-	-4	-4	-4	-4
G	-	-3	-3	-4	-4

		C	C	G	A
	0	0	0	0	0
C	0	1	1	0	0
G	0	0	0	2	0

		C	C	G	A
	-	-	-	-	-
C	-∞	-4	-3	-3	-4
G	-∞	-4	-4	-4	-2

Seq1   CG
        **
Seq2   CG

Test 2-4:   Simulation of Smith-Waterman Tests by setting gap opening to 0.