Seq. 1: AA

Seq. 2: ACCA

Match: +8 (w(a, b) = 8, if a = b)

Mismatch: -5 (w(a, b) = -5, if a \neq b)

Each gap symbol: -3 (w(-,b) = w(a,-) = -3)

Each gap is charged an extra gap-open penalty: -4

D

		Α	С	С	Α
	-4	- ∞	-∞	-∞	-∞
Α	-7	-14	-17	-20	-23
Α	-10	1	-6	-9	-12

ı

		Α	С	С	Α
	-4	-7	-10	-13	-16
Α	-∞	-14	/1 <	2	-5
Α	-∞	-17	/ -6	4	-7

c

_ S						
		Α	С	(Α
	0 K	-7	-10	-1	3	-16
Α	-7	8	1	-	2 ~	-5
Α	-10	1	3		4	6

A--A

ACCA