

Align ATGCT and ATTACA

Scoring: match = 1, mismatch = -1, gap = -1

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

Align ATGCT and ATTACA

Scoring: match = 1, mismatch = -1, gap = -1

	-	A	T	T	A	C	A
-	0	-1	-2	-3	-4	-5	-6
A	-1	1	0	-1	-2	-3	-4
T	-2	0	2	1	0	-1	-2
G	-3	-1	1	1	0	-1	-2
C	-4	-2	0	0	0	1	0
T	-5	-3	-1	1	0	0	0

Align ATGCT and ATTACA

Scoring: match = 1, mismatch = -1, gap = -1

	-	A	T	T	A	C	A
-	0	-1	-2	-3	-4	-5	-6
A	-1	1	0	-1	-2	-3	-4
T	-2	0	2	1	0	-1	-2
G	-3	-1	1	1	0	-1	-2
C	-4	-2	0	0	0	1	0
T	-5	-3	-1	1	0	0	0

ATTACA
ATG-CT

Align ATGCT and ATTACA

Scoring: match = 1, mismatch = -1, gap = -1

	-	A	T	T	A	C	A
-	0	-1	-2	-3	-4	-5	-6
A	-1	1	0	-1	-2	-3	-4
T	-2	0	2	1	0	-1	-2
G	-3	-1	1	1	0	-1	-2
C	-4	-2	0	0	0	1	0
T	-5	-3	-1	1	0	0	0

ATTACA
AT-GCT

Align ATGCT and ATTACA

Scoring: match = 1, mismatch = -1, gap = -1

	-	A	T	T	A	C	A
-	0	-1	-2	-3	-4	-5	-6
A	-1	1	0	-1	-2	-3	-4
T	-2	0	2	1	0	-1	-2
G	-3	-1	1	1	0	-1	-2
C	-4	-2	0	0	0	1	0
T	-5	-3	-1	1	0	0	0

ATTACA
A-TGCT