

		A	G	T	T	C
	0	-2	-4	-6	-8	-10
A	-2	2	0	-2	-4	-6
T	-4	0	1	2	0	-2
T	-6	-2	-1	3	4	2
G	-8	-4	0	1	2	3
C	-10	-6	-2	-1	0	4

Alignment 1

A G T T C
 I X I X I
 A T T G C

Alignment 2

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

		G	T	T	A	C	
		0	-2	-4	-6	-8	-10
T	-2	-1	0	-2	-4	-6	
A	-4	-3	-2	-1	0	-2	
T	-6	-5	-1	0	-2	-1	
A	-8	-7	-3	-2	2	0	
G	-10	-6	-5	-4	0	1	

Alignment 1

```

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

```

Alignment 2

```

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

```