

	G	T	G	A	C	C	T
G	1	0	1	0	0	0	0
T	0	1	0	0	0	0	1
A	0	0	0	1	0	0	0
T	0	1	0	0	0	0	1
T	0	1	0	0	0	0	1

	G	T	G	A	C	C	T
G	1	0	0	0	0	0	0
T	0	1	0	0	0	0	0
A	0	0	0	1	0	0	0
T	0	0	0	0	0	0	0
T	0	0	0	0	0	0	1

y
0
0
0
0
0

y
0
0
0
0
0

mismatch

z	0	0	1	0	1	0	0
---	---	---	---	---	---	---	---

gap

gap

mismatch

Allineamento ottimo

Premi/penalità

G	T	-	A	-	T	T	score
G	T	G	A	C	C	T	
1	1	-1	1	-1	-1	1	

score

1