

Find the local alignment (yerel hizalama)

Dizi Q: GCTGGAAGGAT → 12 harf

Dizi P: GCAGAGCAG → 10 harf

match : 5

mismatch : -4

Gap : -4

Dizi Q →

	-	G	C	T	G	G	A	A	G	G	C	A	T
Dizi P ↓	-	0	0	0	0	0	0	0	0	0	0	0	0
G	0	5	1	0	5	5	1	0	5	5	1	0	0
C	0	1	10	6	2	1	1	0	1	1	10	6	2
A	0	0	6	6	2	0	6	6	2	0	6	15	11
G	0	5	2	2	11	7	3	2	11	7	3	11	11
A	0	1	1	0	7	7	12	8	7	7	3	7	7
G	0	5	1	0	5	12	8	8	13	12	8	4	3
C	0	1	10	6	2	8	8	4	9	9	17	13	9
A	0	0	6	6	2	4	13	9	5	5	13	22	18
C	0	0	5	2	2	0	9	9	5	1	10	18	18
G	0	5	1	1	7	7	5	5	14	10	6	14	14

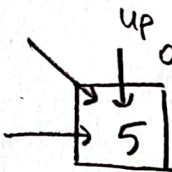
(1,1) hücre (1,1)

Diagonal

$$0+5=5$$

Left

$$0-4=-4$$



up, left

Boşluk
değeri.
eklenir.

Alignment

Q: GAAGG GCA

P: GCAG - GCA

Diagonal (Gapaz)

match veya mismatch
değeri eklenir.

(*) zım değerler
negatifse
sıfır yazılır.

$$6 \cdot 5 = 30 \text{ match}$$

$$1 \cdot (-4) = -4 \text{ mismatch}$$

$$1 \cdot (-4) = -4 \text{ Gap}$$

$$+$$

$$22$$