

ÖDEV-3 Yerel Hizalama ile Gözüm

	Y	E	C	H	Q	C	G	Q	A	F	K	T
	0	0	0	0	0	0	0	0	0	0	0	0
Y	0	5	1	0	0	0	0	0	0	0	0	0
E	0	1	10	6	2	0	0	0	0	0	0	0
C	0	0	6	15	11	7	5	1	0	0	0	0
N	0	0	2	11	11	7	3	1	0	0	0	0
Q	0	0	0	7	7	16	12	8	6	2	0	0
C	0	0	0	5	3	12	21	17	13	8	4	0
G	0	0	0	1	1	8	17	26	22	18	14	10
K	0	0	0	0	0	4	13	22	22	18	14	19
A	0	0	0	0	0	0	9	18	18	27	23	19
F	0	0	0	0	0	0	5	13	13	23	32	28
R	0	0	0	0	0	0	1	9	9	19	28	24

match: 5
mismatch: -4
Gap: -4

Y E C H Q C G - A F
Y E C - Q C G K A F

Alignment 1

$$\begin{array}{r}
 8 \cdot 5 = 40 \\
 + 2 \cdot (-4) = -8 \\
 \hline
 32
 \end{array}$$

Y E C - Q C G - A F
Y E C N Q C G K A F

Alignment 2

score: 32

Y E C H Q C G Q A F
Y E C N Q C G K A F

Alignment 3

score: 32

Hiç boşluk bırakılmama durumu.