

Query sequence

q_1

q_2

q_3

q_4

q_5

q_6

q_7

q_8

AA

-1 || -1

-2 || -2

-3 || -3

-1 || -1

5 || 5

0 || 0

1 || 1

1 || 1

AB

-1 || -3

-2 || -1

-3 || 0

-1 || -3

5 || -2

0 || -2

1 || -1

1 || -3

$\vdots$

$\vdots$

$\vdots$

$\vdots$

$\vdots$

$\vdots$

$\vdots$

$V_{r=ZY}$

$V_{r=AA}$

ZY

0 || -3

-3 || -1

4 || -1

4 || -2

-2 || 0

-3 || -2

0 || -2

-2 || -1

ZZ

0 || 0

-3 || -3

4 || 4

4 || 4

-2 || -2

-3 || -3

0 || 0

-2 || -2