



b)

	A	G	G	T	T	G	C
A	1	0	-1	-2	-3	-4	-5
G	0	2	1	0	-1	-2	-3
G	-1	1	3	2	1	0	-1
T	-2	0	2	4	3	2	1
C	-3	-1	1	3	4	3	2

A path of arrows starts at the cell (A, G) with value 2 and moves to (G, G) with value 3, then to (T, T) with value 4, then to (C, T) with value 4, and finally to (C, G) with value 3.

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