

5

9

T	8	6	7	5	7	9
C	6	4	5	6	8	10
A	4	5	3	4	7	7
A	2	3	2	4	7	8
O	0	2	4	6	8	10
	O	C	A	T	G	A

b) Cost = 9

c)
$$\begin{array}{r} \text{A A C T} \\ \text{C A T} \end{array} \text{GA}$$

202212 = 9, ✓