

Candidate 1

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

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

H(i,j)	T	C	C	G	A	A	A
A	0	0	0	0	0	0	0
C	0	2	2	1	0	0	0
G	0	1	1	4	3	2	1
A	0	0	0	3	6	5	4
T	0	0	0	2	5	5	4
A	0	0	0	1	4	7	7
G	0	0	0	2	3	6	6

=> Score: 7

Candidate 2

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

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

H(i,j)	T	C	C	G	A	A	A
A	0	0	0	0	0	0	0
C	0	2	2	1	0	0	0
G	0	1	1	4	3	2	1
A	0	0	0	3	6	5	4
T	0	0	0	2	5	5	4
A	0	0	0	1	4	9	7
G	0	0	0	2	3	6	6

=> Score: 9

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