

H(i,j)	T	C	C	G	A	A	A
G	0	0	0	0	0	0	0
A	0	0	0	0	2	2	2
T	0	0	0	0	1	1	1
C	0	2	2	1	0	0	0
C	0	2	4	3	2	1	0
A	0	1	3	3	5	4	3
A	0	0	2	2	5	7	6
A	0	0	1	1	4	7	9
T	0	0	0	0	3	6	8
G	0	2	2	1	2	5	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