	G	A	T	C	G	T	G
A	0	1	0	0	0	0	0
C	0	0	0	1	0	0	0
G	1	0	0	0	2	0	1
T	0	0	1	0	0	3	0
T	0	0	1	0	0	1	0
C	0	0	0	2	0	0	0
A	0	1	0	0	0	0	0
C	0	0	0	1	0	0	0