		T	G	G	G	C	T	T	G	G	G	A	A	A	A	T	T	A
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0
G	0	0	2	1	1	0	0	0	2	1	1	1	0	0	0	0	0	0
G	0	0	1	3	2	0	0	0	1	3	2	2	0	0	0	0	0	0
G	0	0	1	2	4	2	0	0	1	2	4	3	1	0	0	0	0	0
G	0	0	1	2	3	3	1	0	1	2	3	5	3	1	0	0	0	0
T	0	1	0	0	1	2	4	2	0	0	1	3	4	2	0	0	1	1
A	0	0	0	0	0	0	2	3	1	0	0	1	4	5	3	1	0	2
A	0	0	0	0	0	0	0	1	2	0	0	0	2	5	6	4	2	1
T	0	1	0	0	0	0	1	1	0	1	0	0	3	4	5	5	3	1
A	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	5	4	4
C	0	0	0	0	0	1	0	0	0	0	0	0	0	2	3	4	3	3
C	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	3	2
C	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
A	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	2