L	Node			W	Colours	
1	$	$	$	T	1	1
0	C	G	A	C	1	1
1	C	G	A	G	0	1
1	$	T	A	C	1	1
0	G	A	C	G	1	0
1	G	A	C	T	1	1
1	T	A	C	G-	1	1
1	G	T	C	G	1	1
1	G	A	G	G	0	1
0	A	C	G	A	1	1
1	A	C	G	T	1	0
1	T	C	G	A-	1	1
1	A	G	G	T	0	1
1	$	$	T	A	1	1
1	A	C	T	$	1	1
1	C	G	T	C	1	1
1	G	G	T	C-	1	1