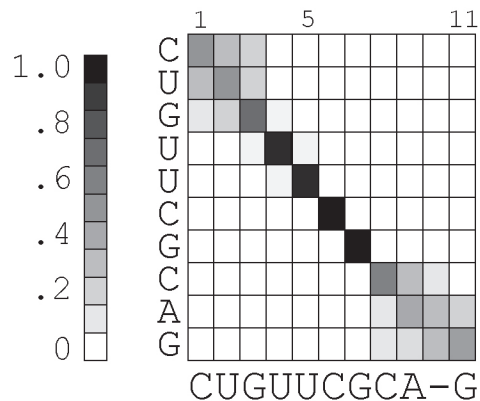


HMMs – Each column of seed alignment corresponds to a column of matrix.

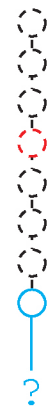
yeast GUGUUCGCUAC  
human -UCUUCGGCG-  
fly AGAUU-GUACU



states



struct <<<---<--->--->>  
yeast GUGUUCGCUAC  
human -UCUUCGGCG-  
fly AGAUU-GUACU



CUGUUCGCAG

CMs – Each column of seed alignment corresponds to a state.

yeast human fly

yeast	human	fly
U C	U C	U
U G	U G	U G
G • C	C • G	A • U
U • A	U • G	G • C
G • C		A • U