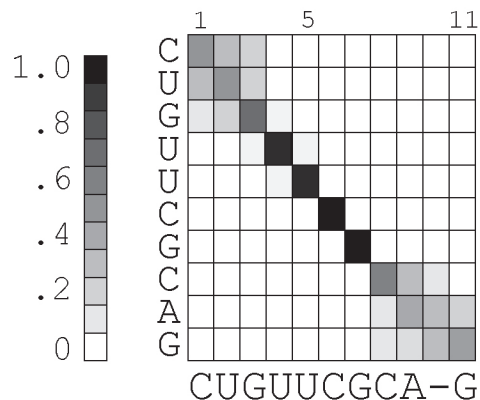
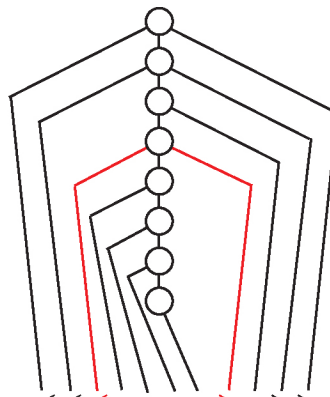


HMMs – Each column of seed alignment corresponds to a column of matrix.

yeast GUGUUCGCUAC  
human -UCUUCGCG-  
fly AGAUU-GUACU



states



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

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

yeast      human      fly

U C	U C	U
U G	U G	U G
G•C	C•G	A•U
U•A <sup>U</sup>	U•G <sup>C</sup>	G•C <sup>A</sup>
G•C		A•U