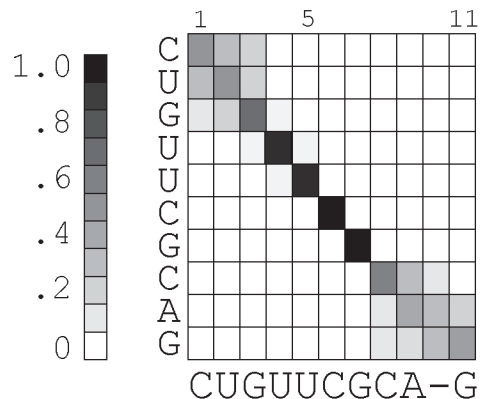


HMMs – Each column of seed alignment corresponds to a column of matrix.

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

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