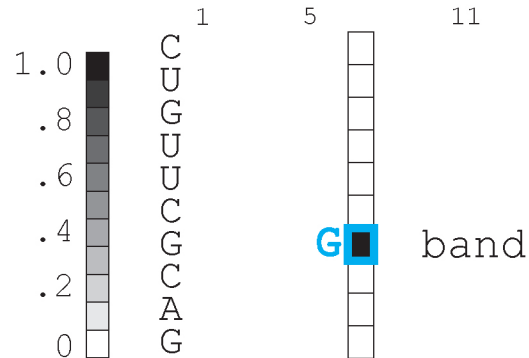


HMMs – Each column of seed alignment corresponds to a column of matrix.

yeast GU**G**UUC**G**CUAC
human -UCUUC**G**GCG-
fly AG**A**UU-**G**UACU



states



```

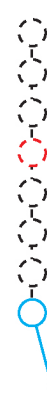
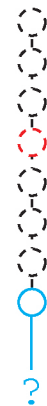
struct  <<<--->--->
yeast   GUGUUCGCUAC
human   -UCUUCGGCG-
fly     AGAAUU-GUACU

```

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 ^U	U•G ^C	G•C ^A
G•C		A•U

use HMM band



CUGUUCGCAG

CUGUUC**G**CAG