Uebung 10

Shinho Kang Baldomero Valdez Omar Gutiérrez

July 8, 2016

Exercise 1 Derive the consensus sequence and define match states for a profile HMM accordingly, only columns with >50% nucleotides are modeled. (_/3)

Consensus sequence:						State annotation:					
G	С	-	С	T	C	M	M	D	M	M	M
G	С	T	-	T	С	M	M	Ι	D	M	M
-	С	-	С	-	Α	D	M	D	M	D	M
G	-	-	-	T	C	M	D	D	D	M	M
Α	C	-	С	T	-	M	M	D	M	M	D
G	С	-	С	Т	С	0	1		2	3	4

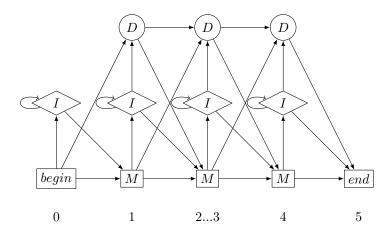


Figure 1: Profile HMM