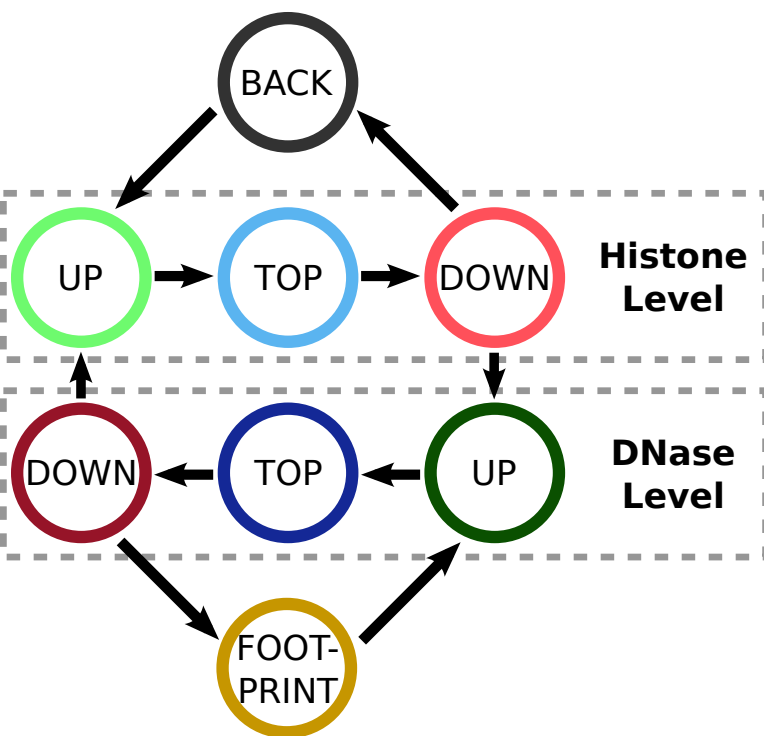


**a**DNase+histone  
hidden Markov model**b**

High positive signal intensity    
 Close to zero signal intensity    
 Low negative signal intensity

	HMM States							
	BACK	Histone Level			DNase Level			FOOT-PRINT
		UP	TOP	DOWN	UP	TOP	DOWN	
Histone mod. normalized								
Histone mod. slope								
DNase-seq normalized								
DNase-seq slope								

**c**