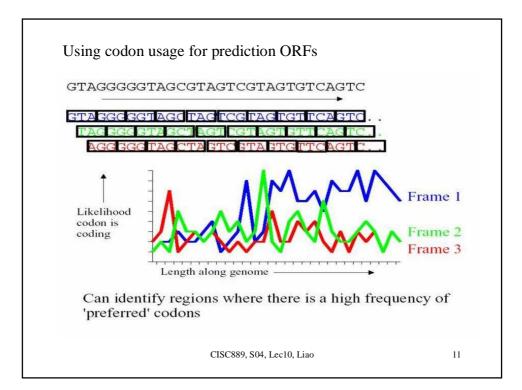
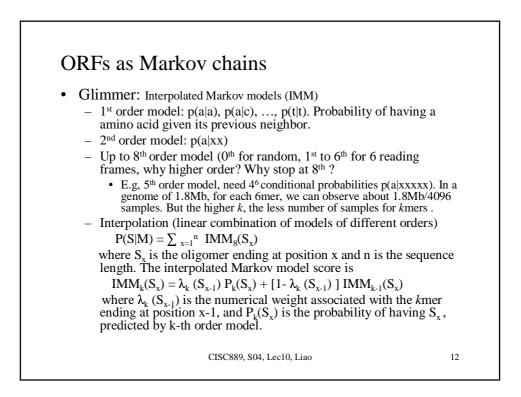
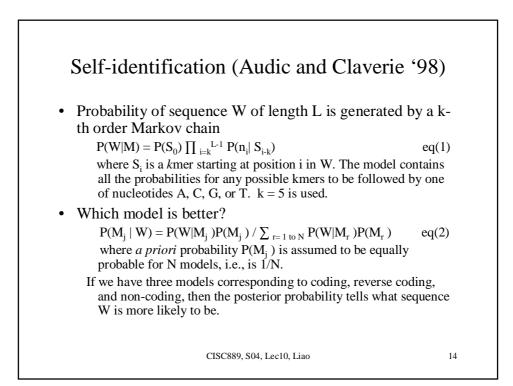


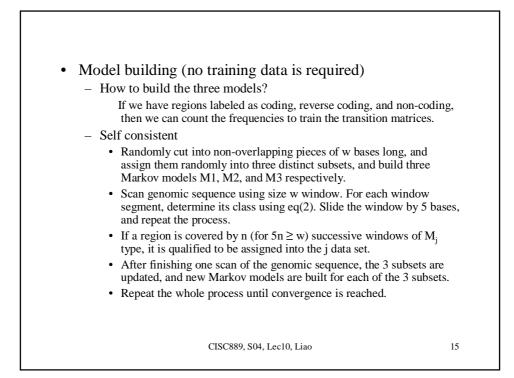
Contract of the second s	usa.or.jp/codon/cgi-bin/show	codon.cgi/species=Escherichia	a+coli+K12+[gbbct]
Escherichia coli K12	2 [gbbct]: 5089 CDS's	(1608122 codons)	
fields: [triplet] [frequen	cy: per thousand] ([nu	mber])	
JUU 22.4( 35982)	UCU 8.5( 13687)	UAU 16.3( 26266)	UGU 5.2( 8340)
JUC 16.6( 26678)	UCC 8.6( 13849)	UAC 12.3( 19728)	UGC 6.4( 10347)
		UAA 2.0( 3246)	
UG 13.7( 22070)	UCG 8.9( 14379)	UAG 0.2( 378)	UGG 15.3( 24615)
UU 11.0( 17754)	CCU 7.1( 11340)	CAU 12.9( 20728)	CGU 21.0( 33694)
		CAC 9.7( 15595)	
UA 3.9( 6212)	CCA 8.5( 13707)	CAA 15.4( 24835)	CGA 3.6( 5716)
UG 52.7( 84673)	CCG 23.2( 37328)	CAG 28.8( 46319)	CGG 5.4( 8684)
UUU 30 47 48818)	ACTE 9 07 14397)	AAU 17.7( 28465)	AGII 8 87 14092)
		AAC 21.7( 34912)	
		AAA 33.6( 54097)	
AUG 27.7( 44614)	ACG 14.4( 23124)	AAG 10.2( 16401)	AGG 1.2( 1987)
THE 10 4/ 20560	CCH 15 4/ 24710)	GAU 32.2( 51852)	CCII 24 07 40010)
		GAC 19.0( 30627)	
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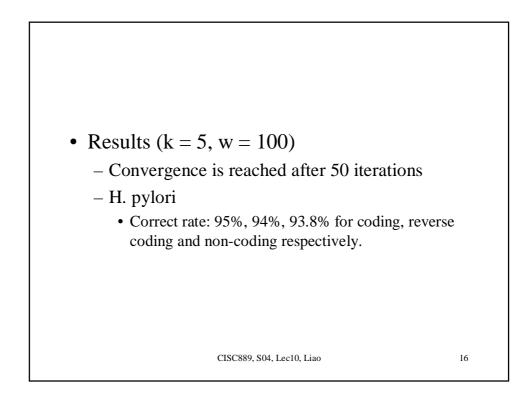


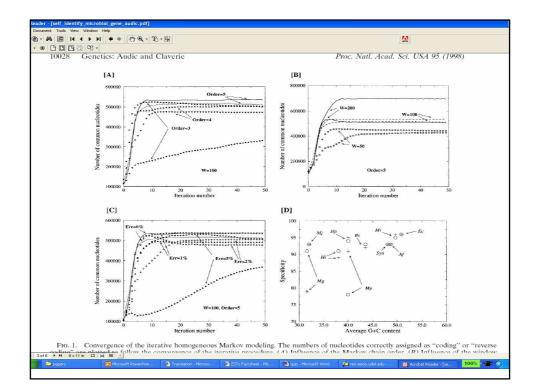


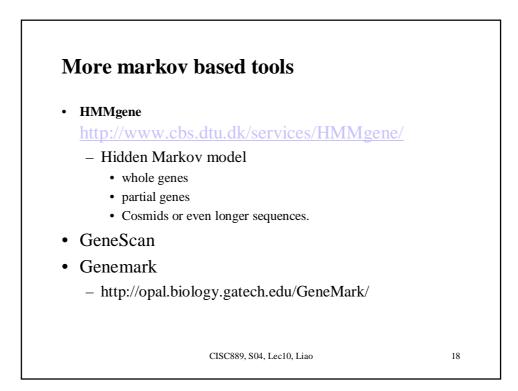
• Glimmer (cor Results for H.	,			
model	Found	Missed	New	
Glimmer	1680	37	209	
5 <sup>th</sup> order	1574	143	104	
	CISC889, S04, L	13		
5 <sup>th</sup> order				

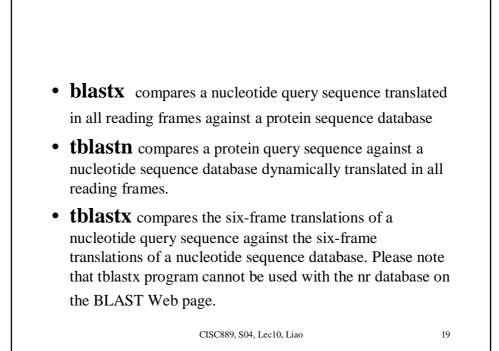


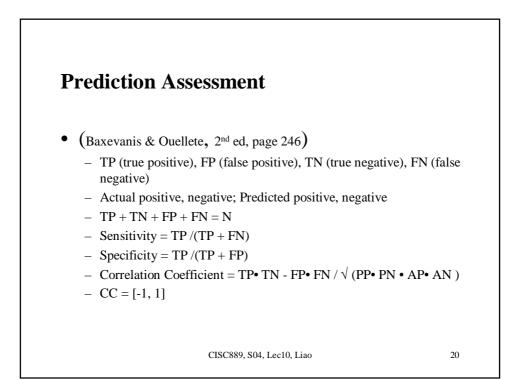












## **Strategies for Gene finding**

- Challenges remain:
  - partial genes, non-coding RNA genes, etc.
- MZEF best for single exons
- GENSCAN best for whole genes
- shall try one more method for cross reference
- Shall resort to comparative method, e.g., run BLAST against dbEST and/or protein databases.

CISC889, S04, Lec10, Liao

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