

### Initial Pseudogene Information Pool

PseudoPipe  
18,046

RetroFinder  
13,644

HAVANA  
11,240

2-way  
consensus  
9,093

$\Delta$ 2-way 1,907	Level 1 7,186	Level 2 4,054
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Polymorphic  
Pseudogenes  
24

**Surveyed Set**  
**11,216**  
7,183 level 1  
4,033 level 2

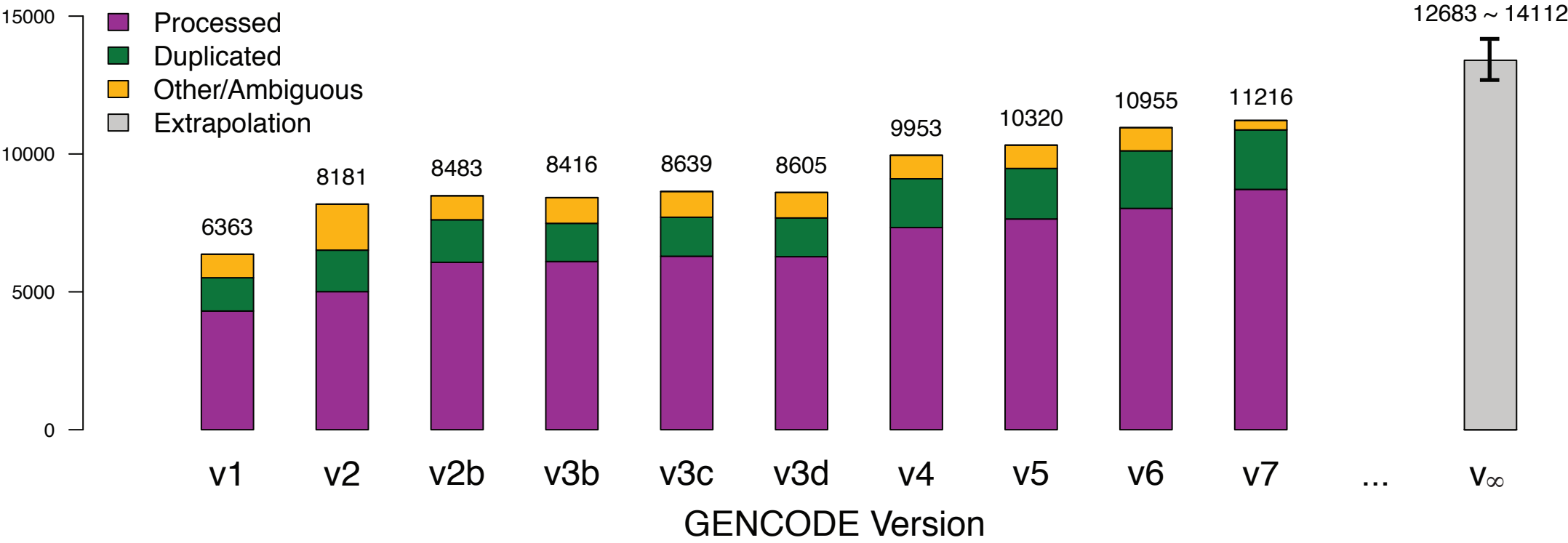
**Pseudogene  
Decoration  
Resource  
psiDR**

1000G  
Variant Data

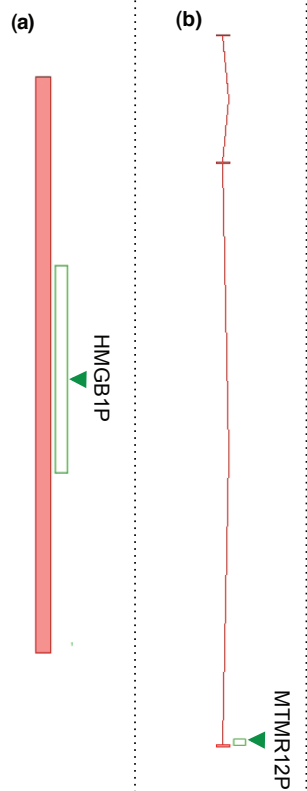
ENCODE  
Functional  
Genomics  
Data

Feedback Loop

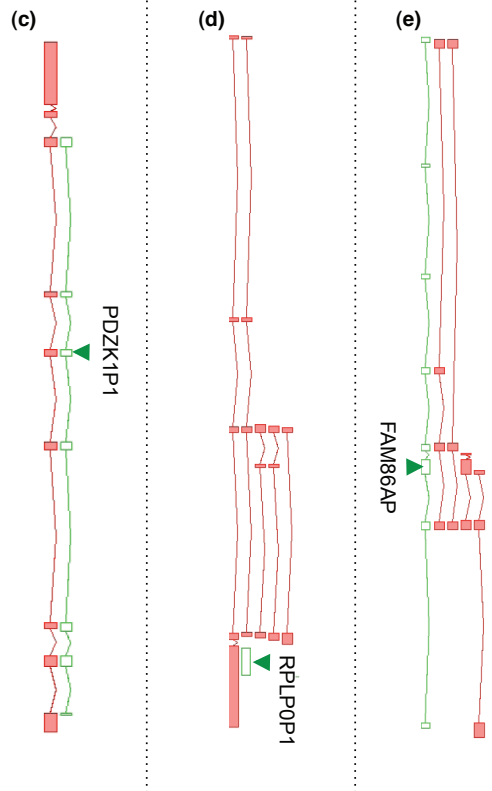
Number of Pseudogenes



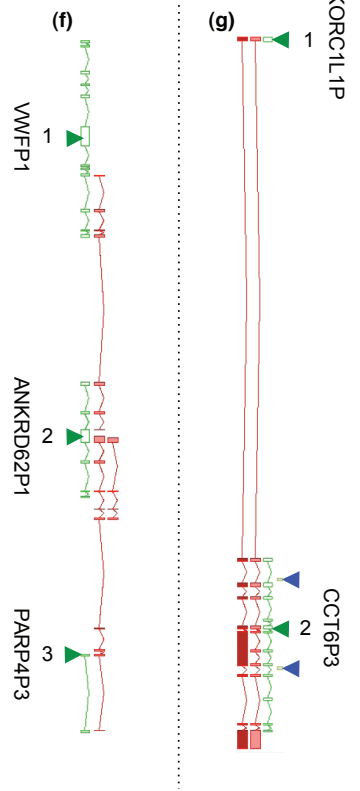
Pseudogene intersects one transcript



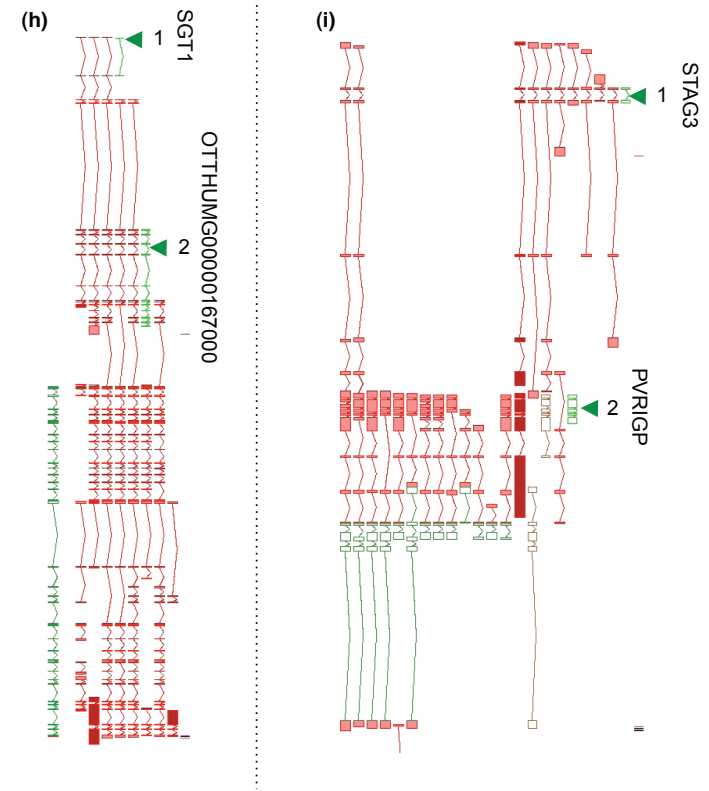
Pseudogene intersects multiple transcripts



Pseudogene linked by transcript(s)



Pseudogene linked by multiple transcripts and readthrough

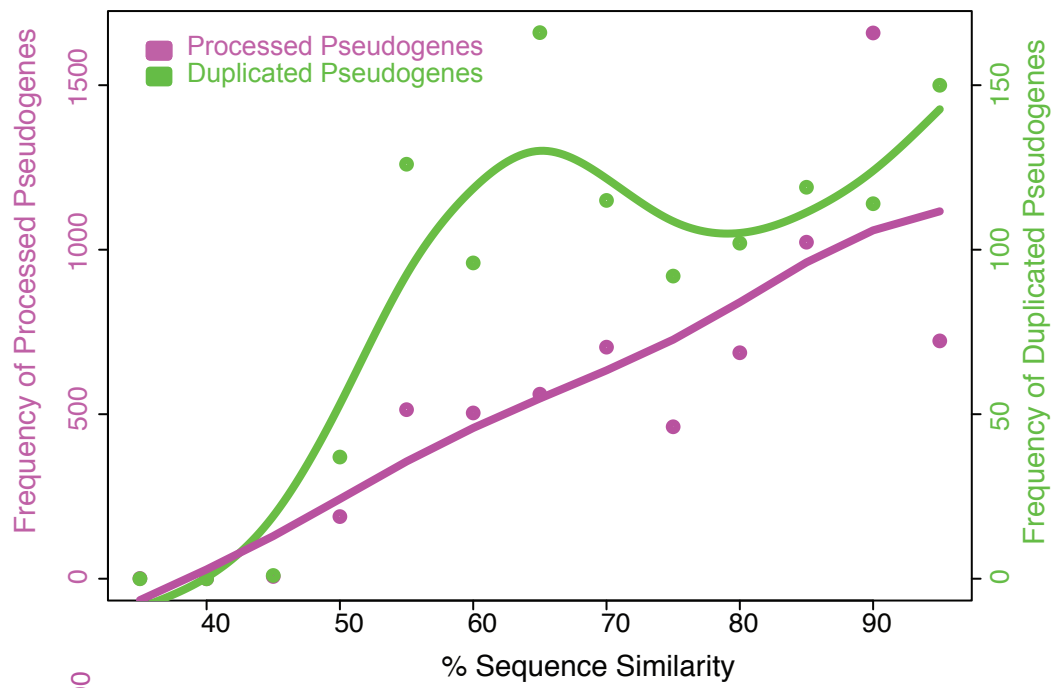


▭ Pseudogene model  
▭ Processed transcript model

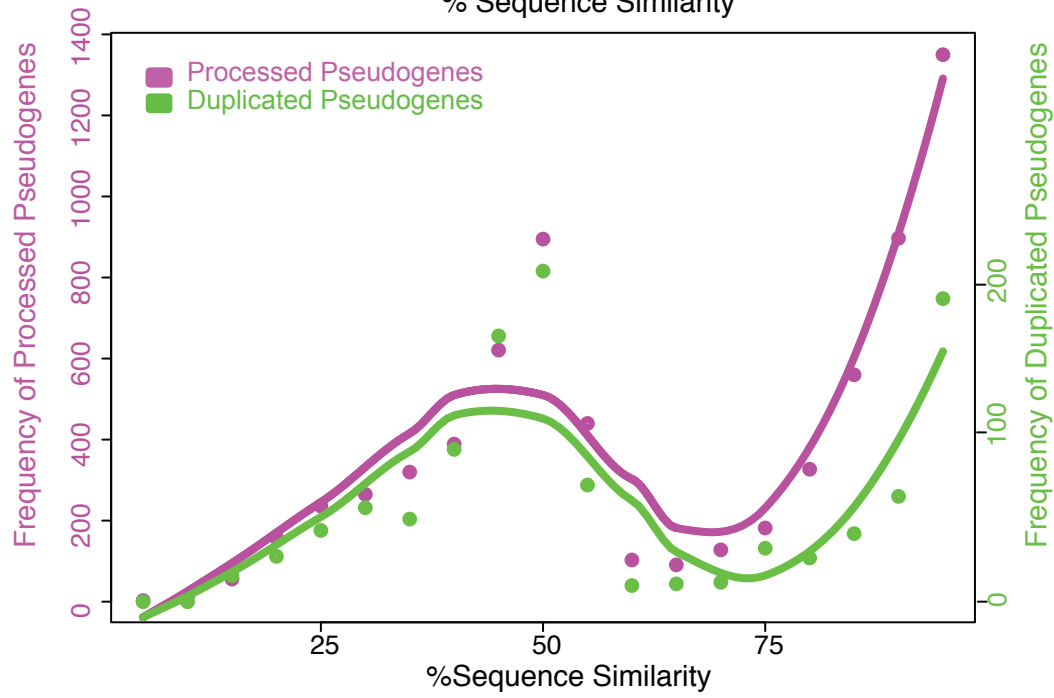
▴ Indicates Pseudogene Locus  
▴ Indicates sRNA

▭ Protein-coding model

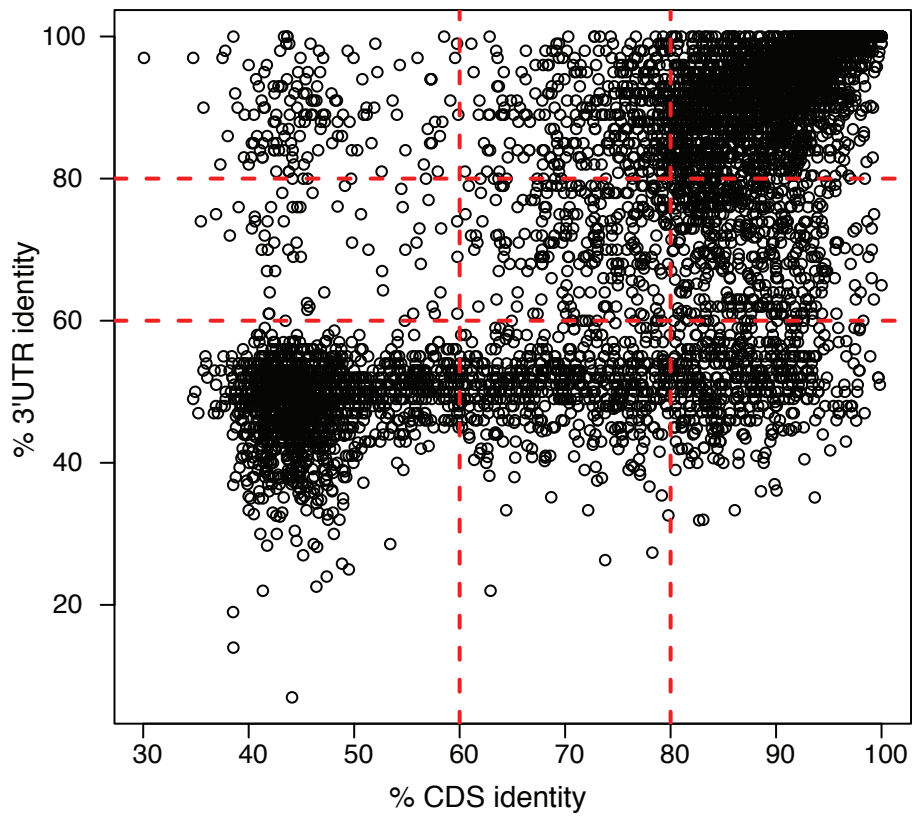
(a)

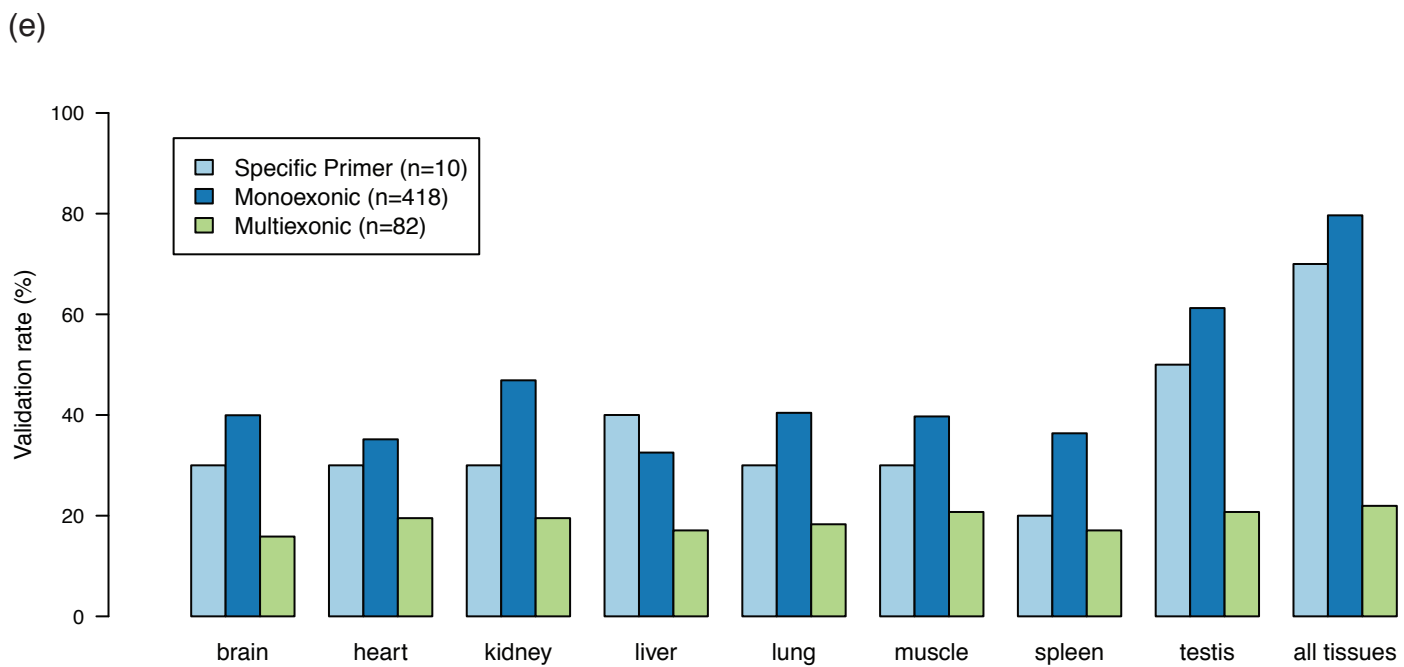
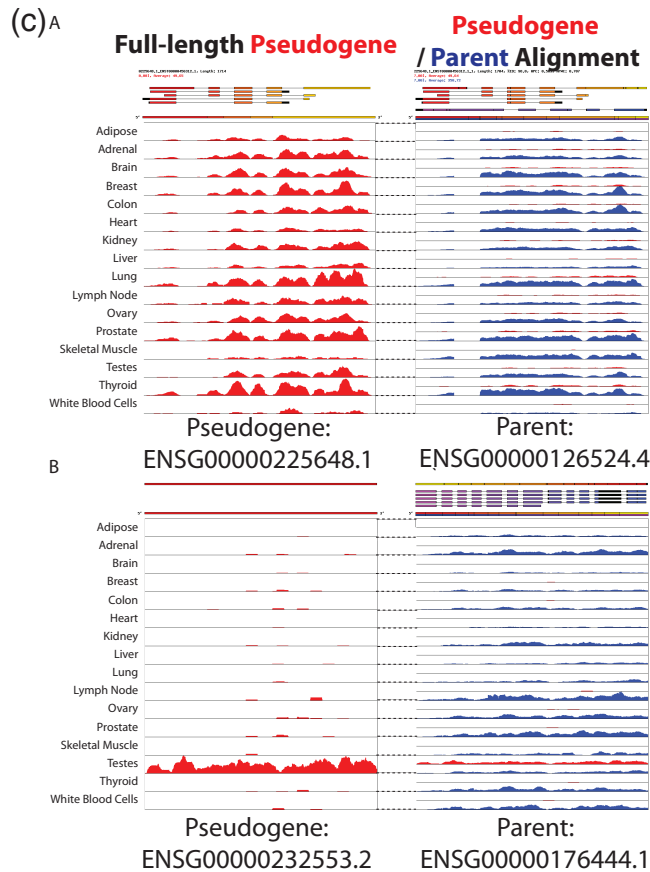
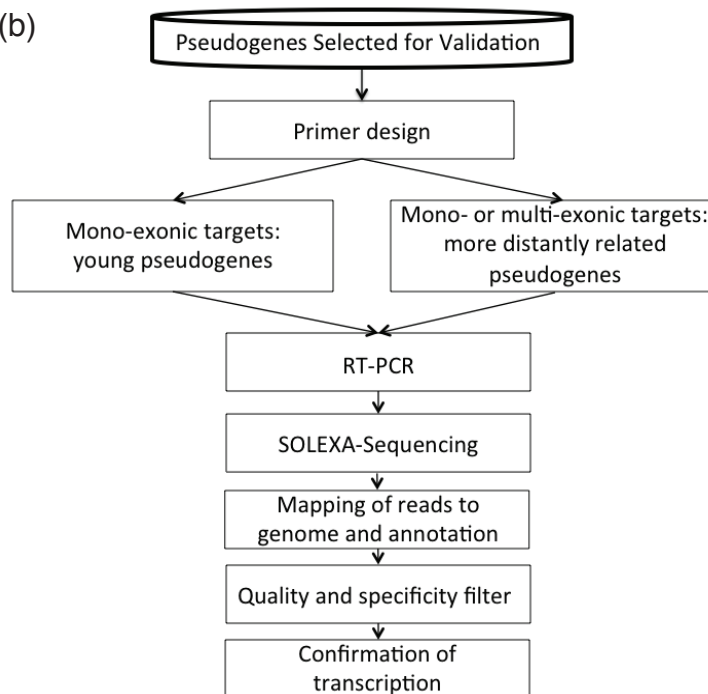
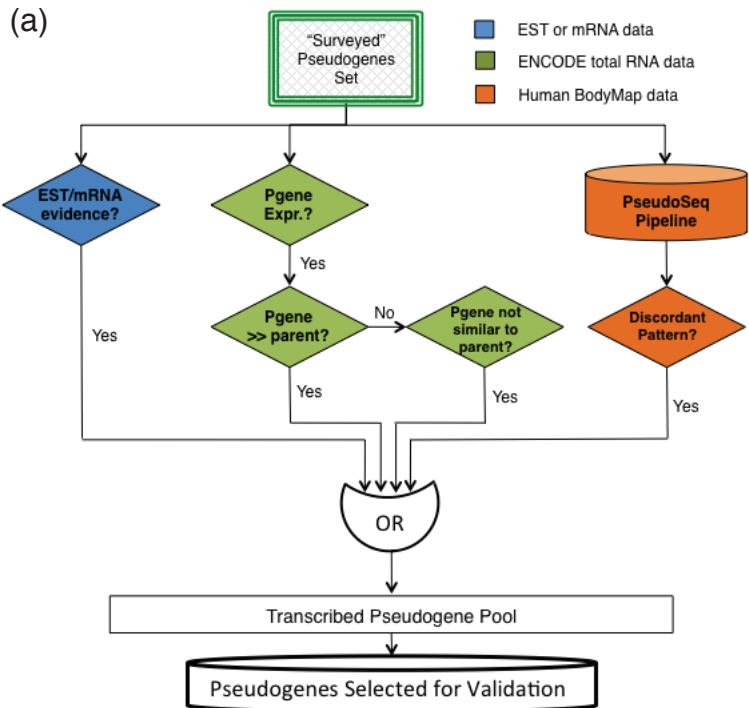


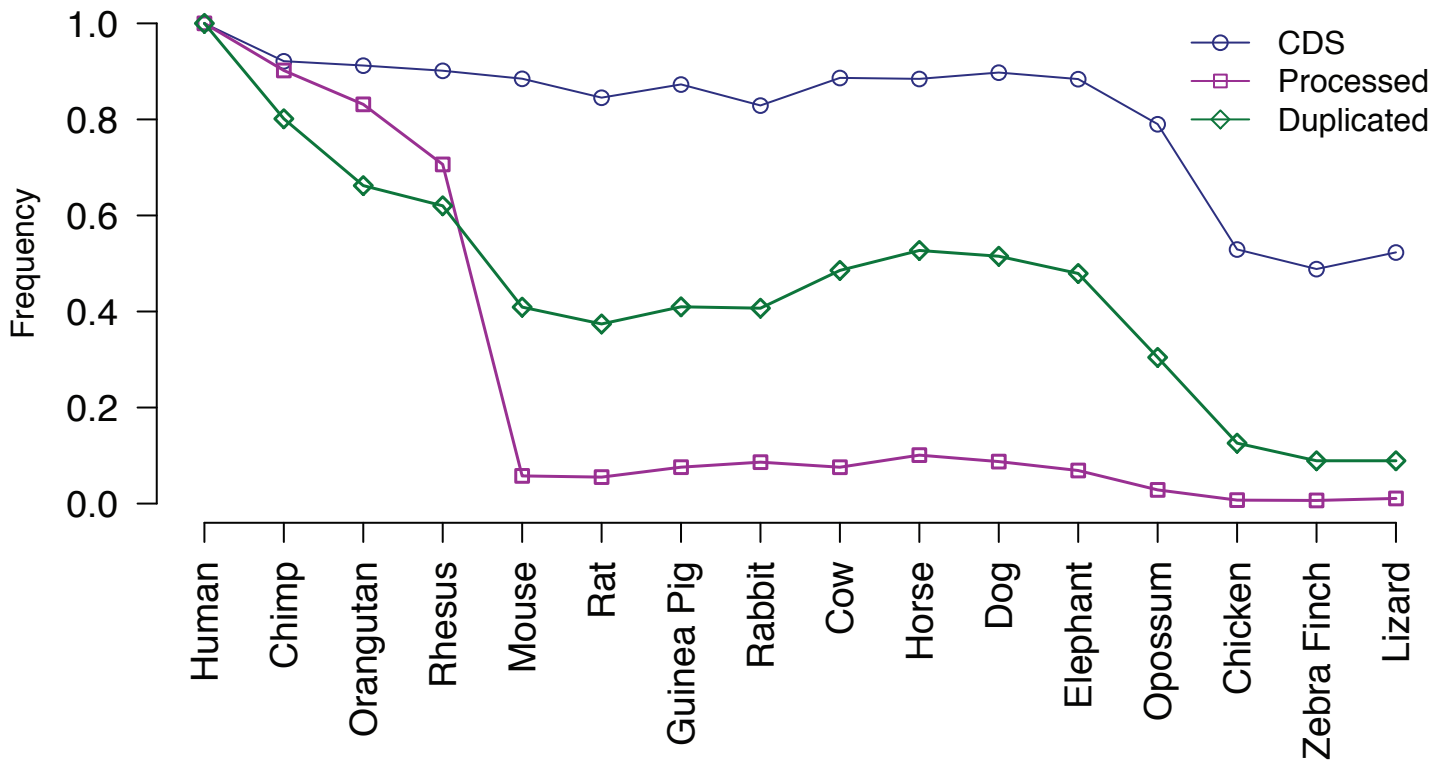
(b)

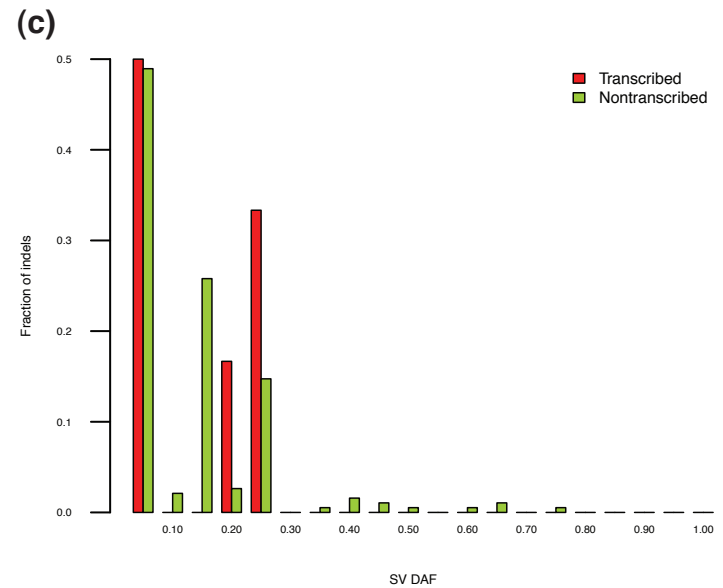
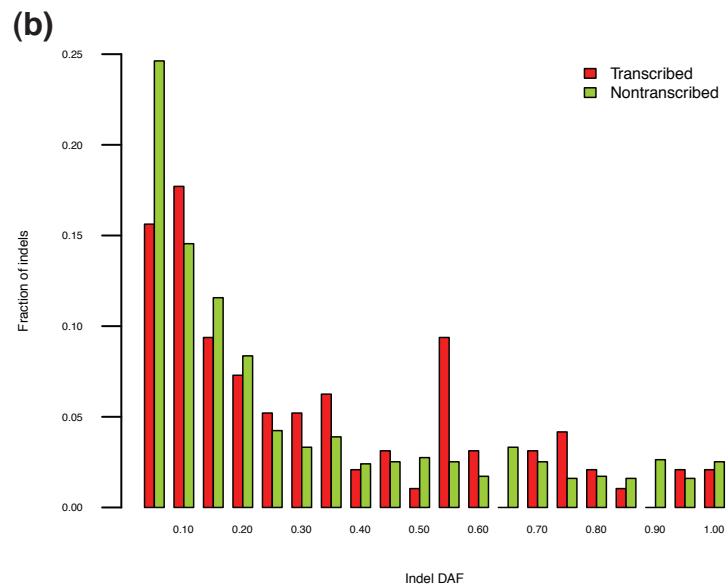
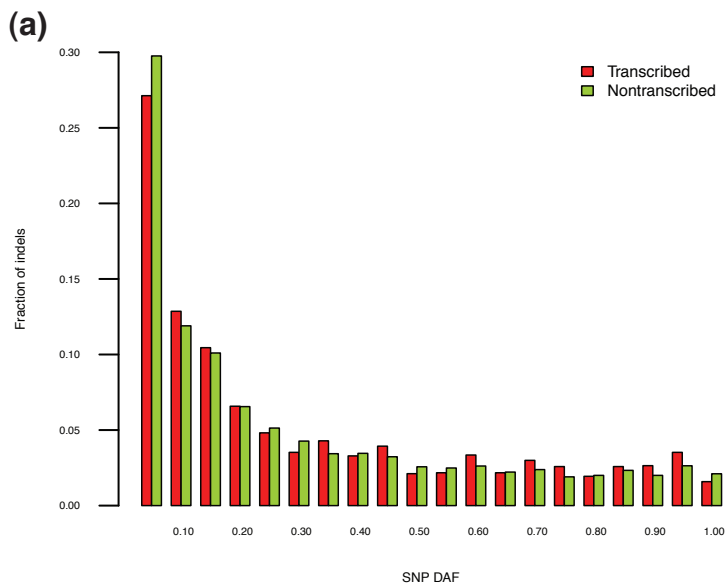


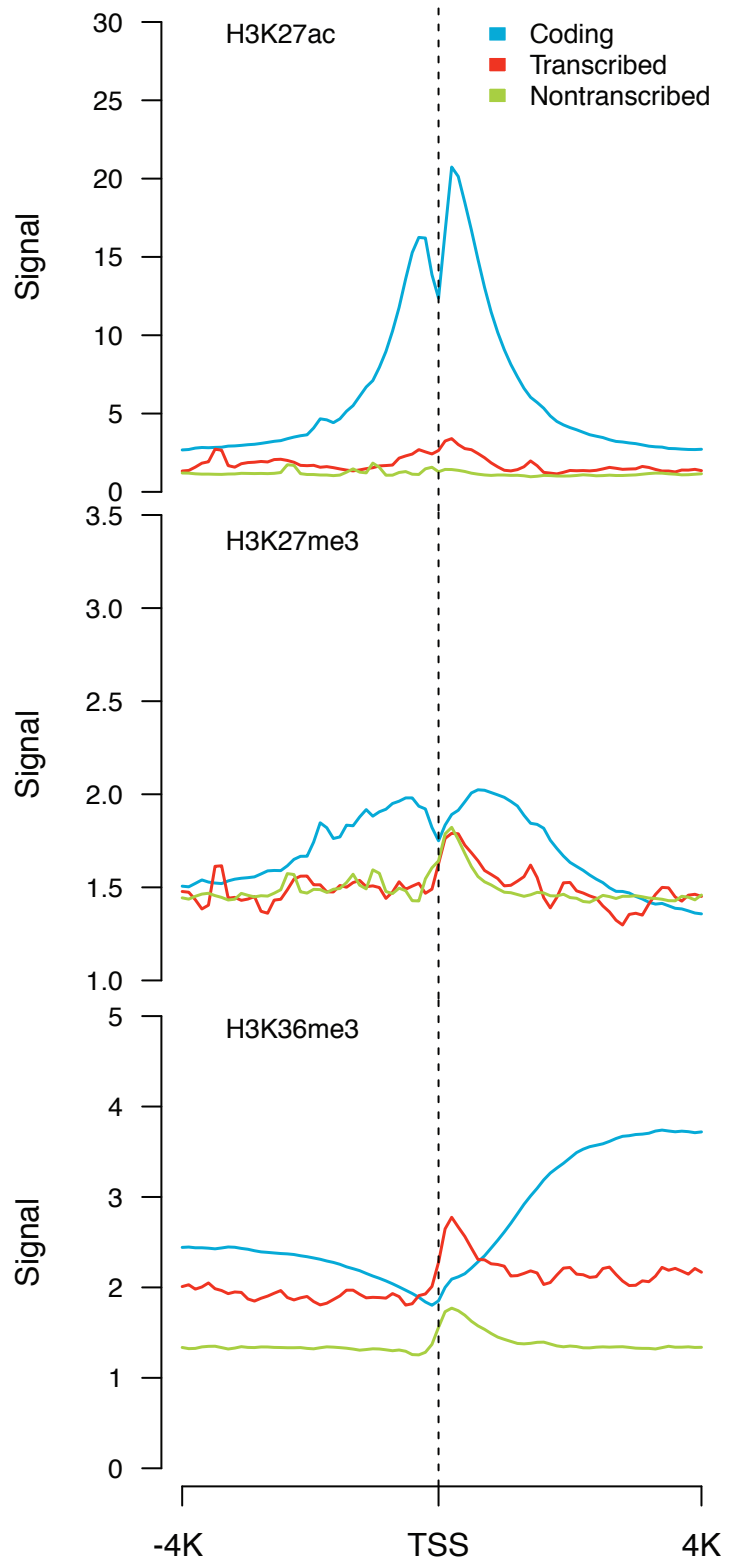
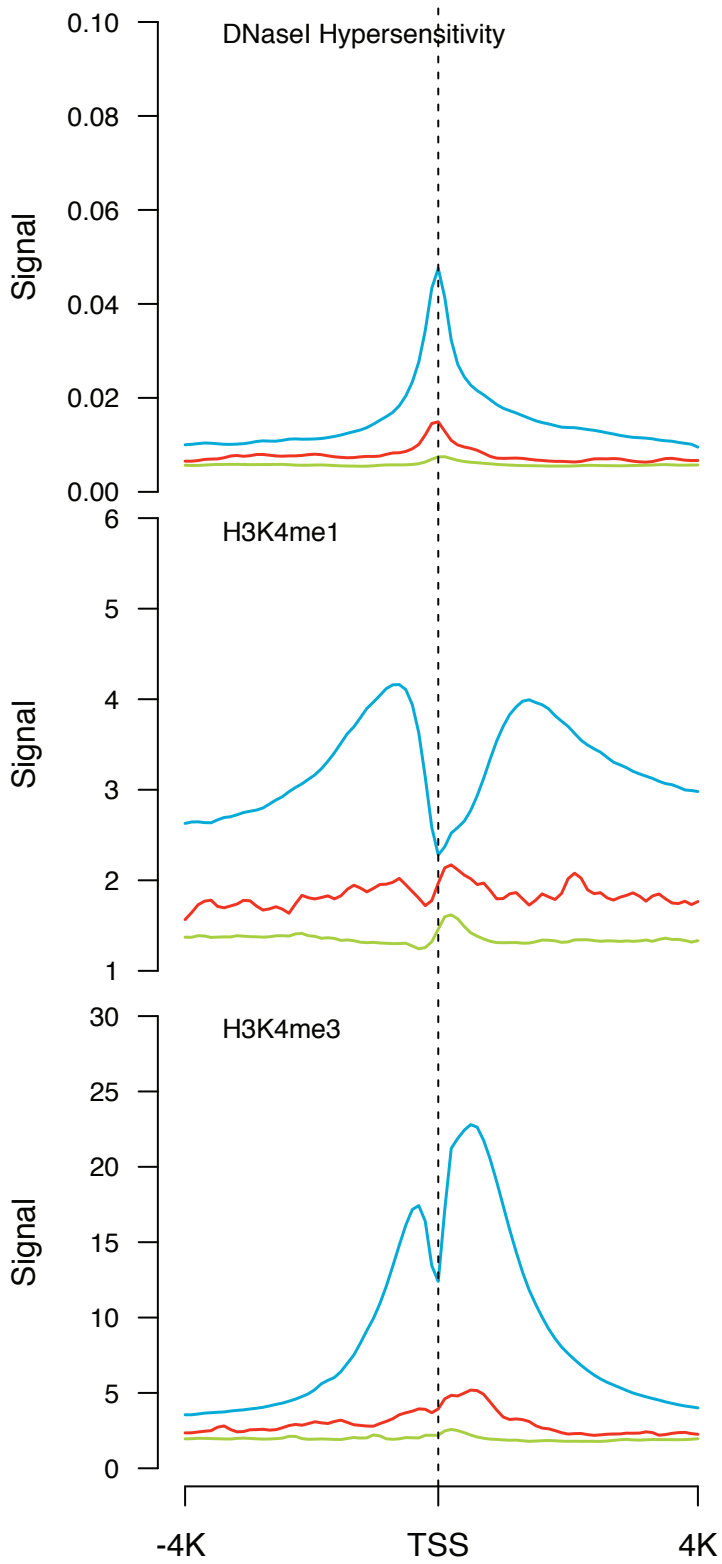
(c)





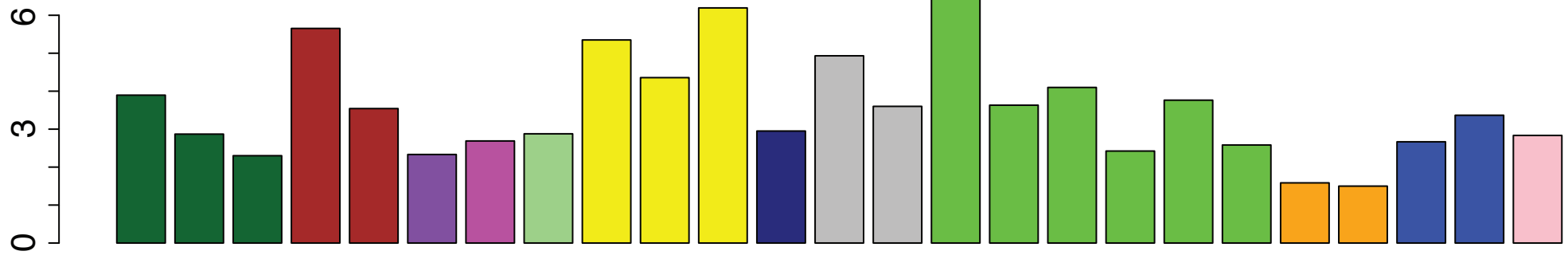




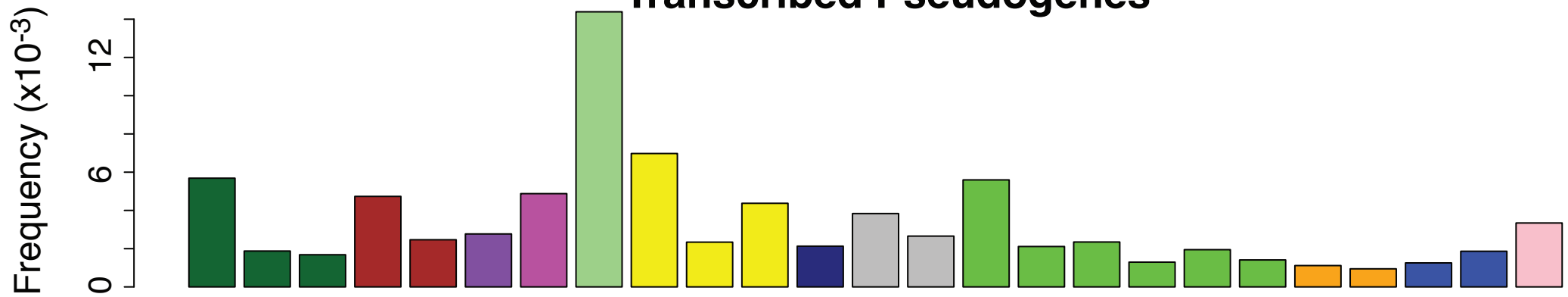




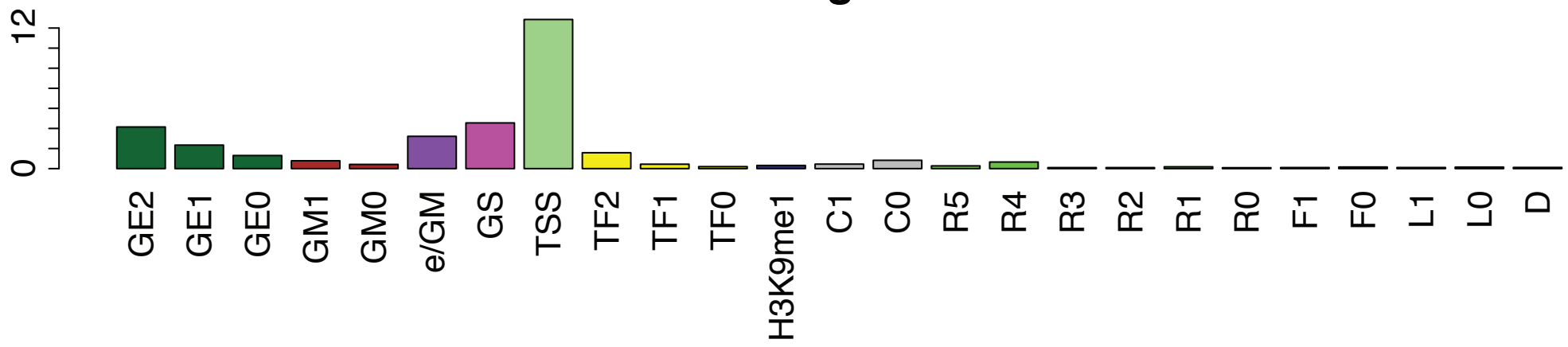
## Nontranscribed Pseudogenes



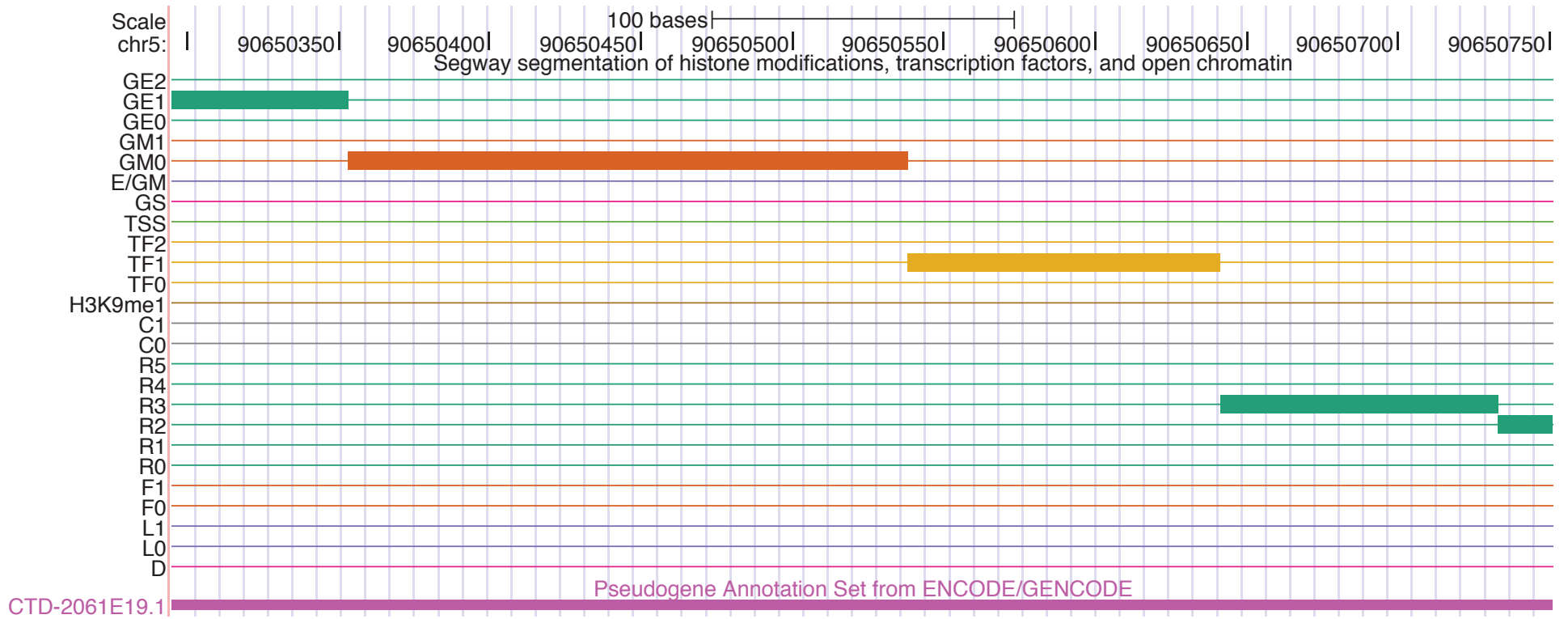
## Transcribed Pseudogenes



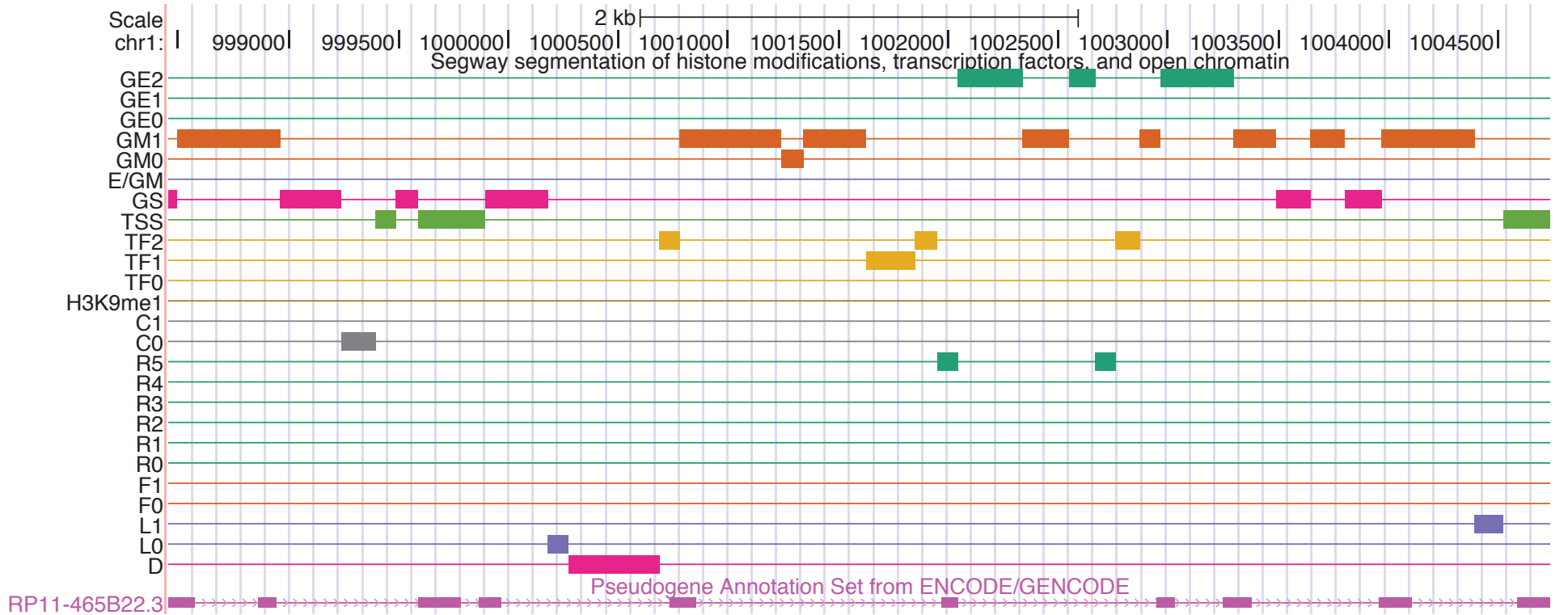
## Coding Genes

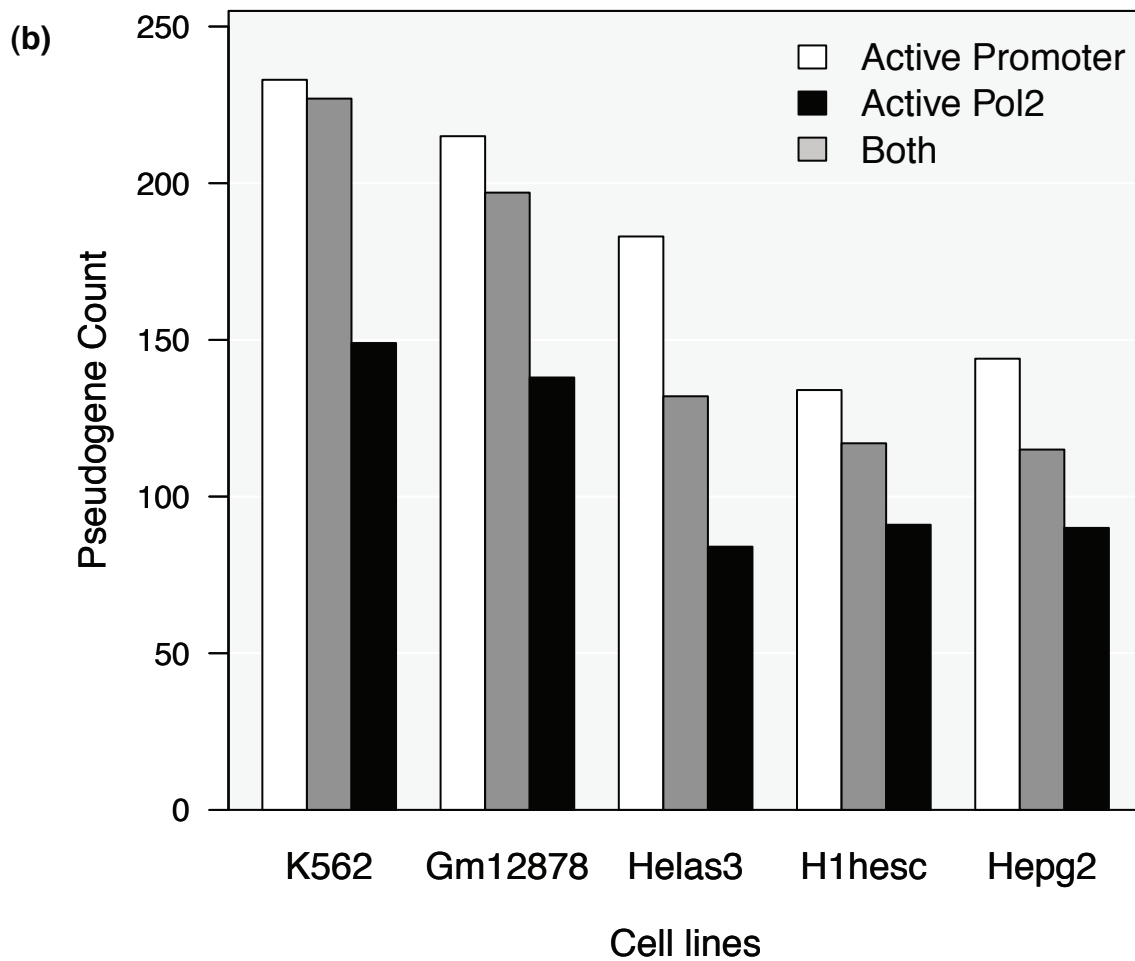
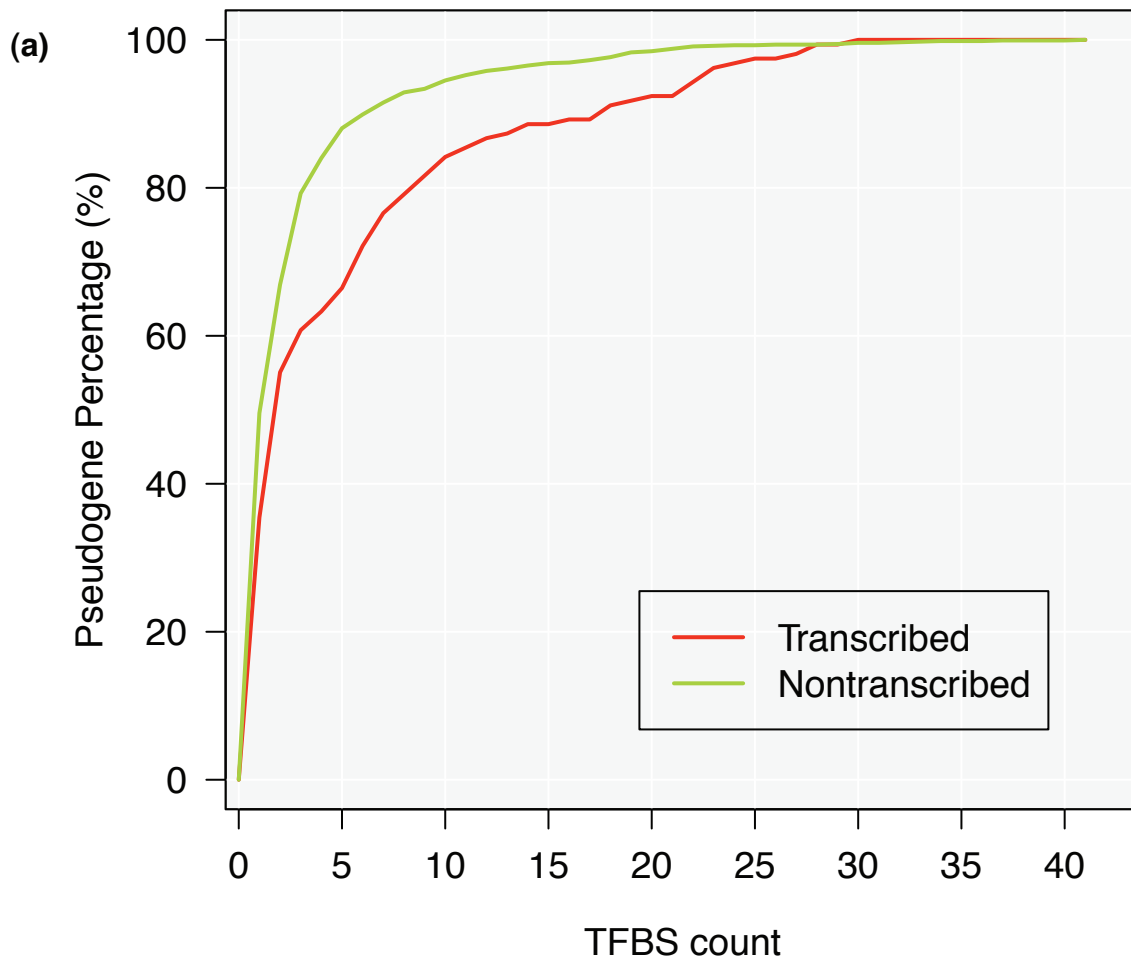


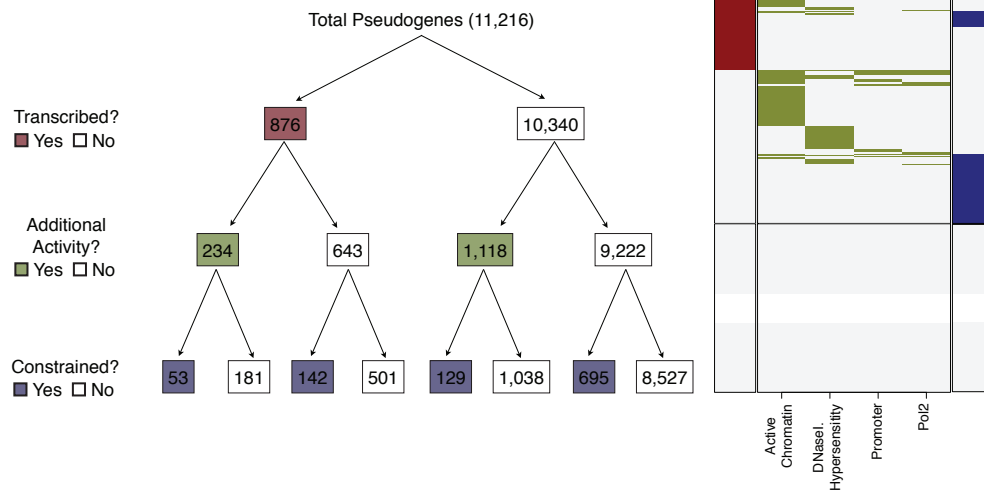
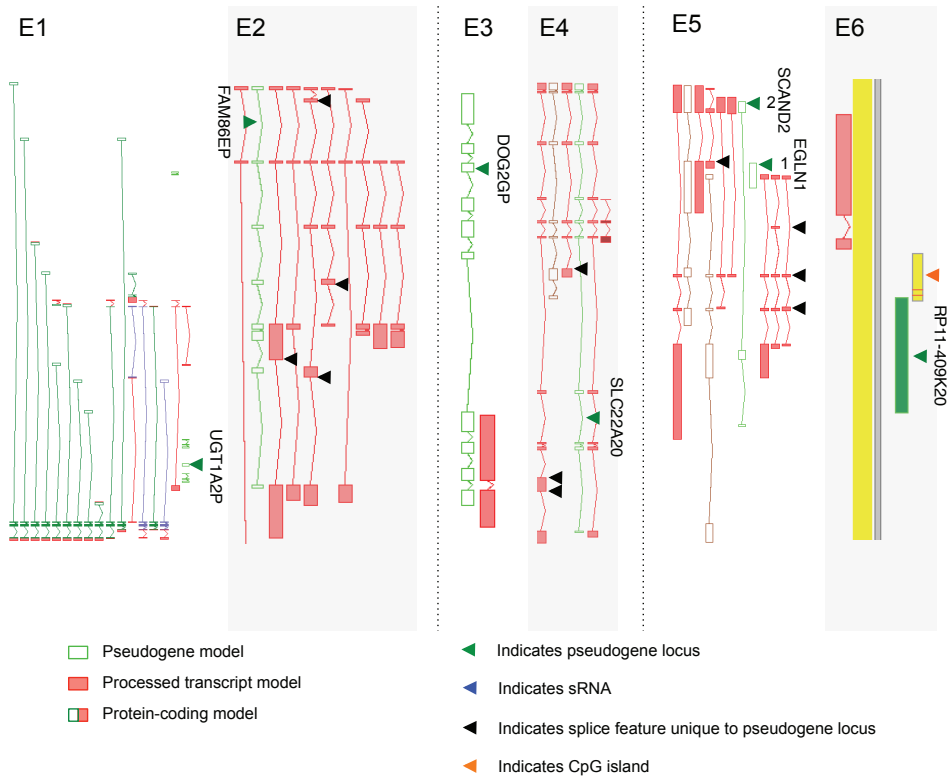
(a)



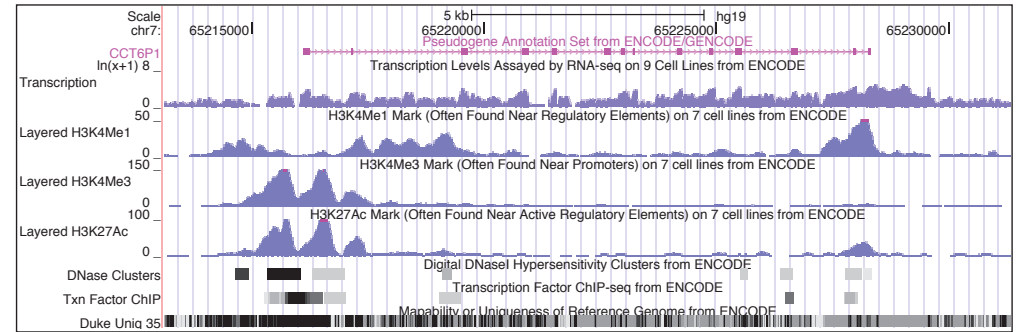
(b)



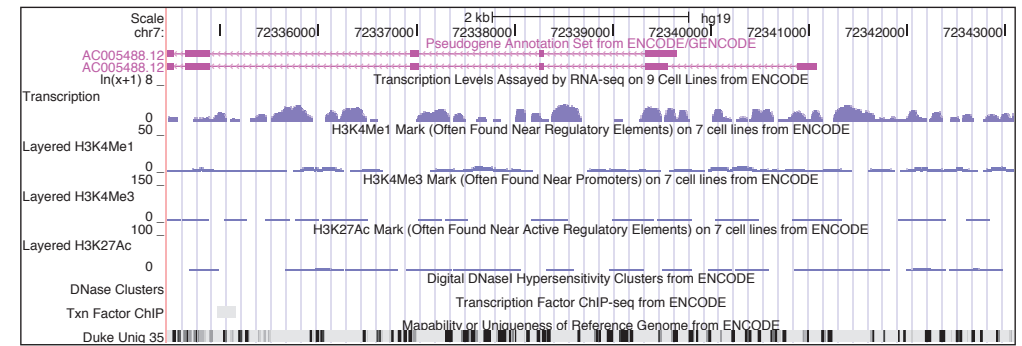


**(a)****(e)****(b)**

Transcribed With Additional Activity

**(c)**

Transcribed Only

**(d)**

Partially Active

