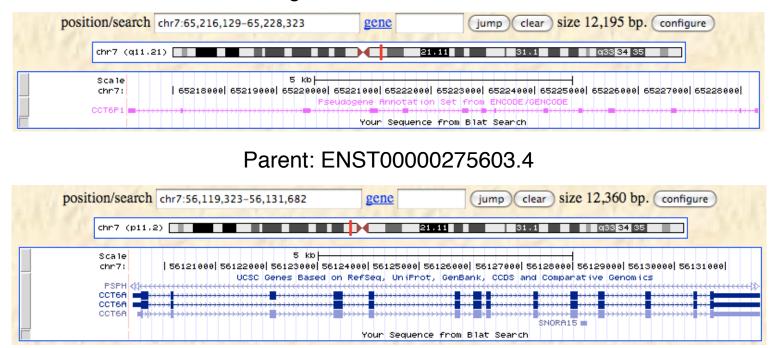
Case Study of Pseudogenes with Transcription Evidence

Annotation Meeting Baikang Pei 07/28/2011

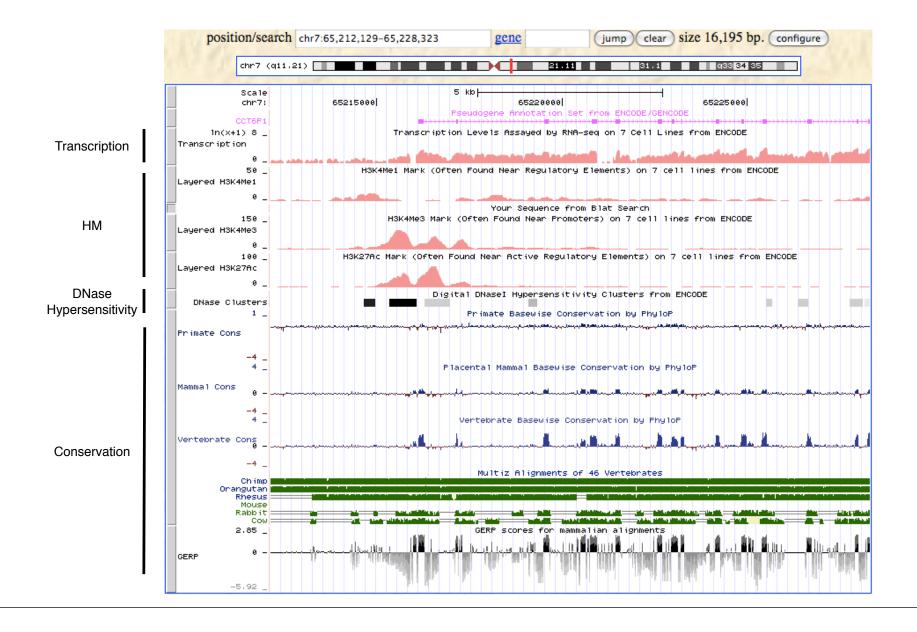
Basic Criteria

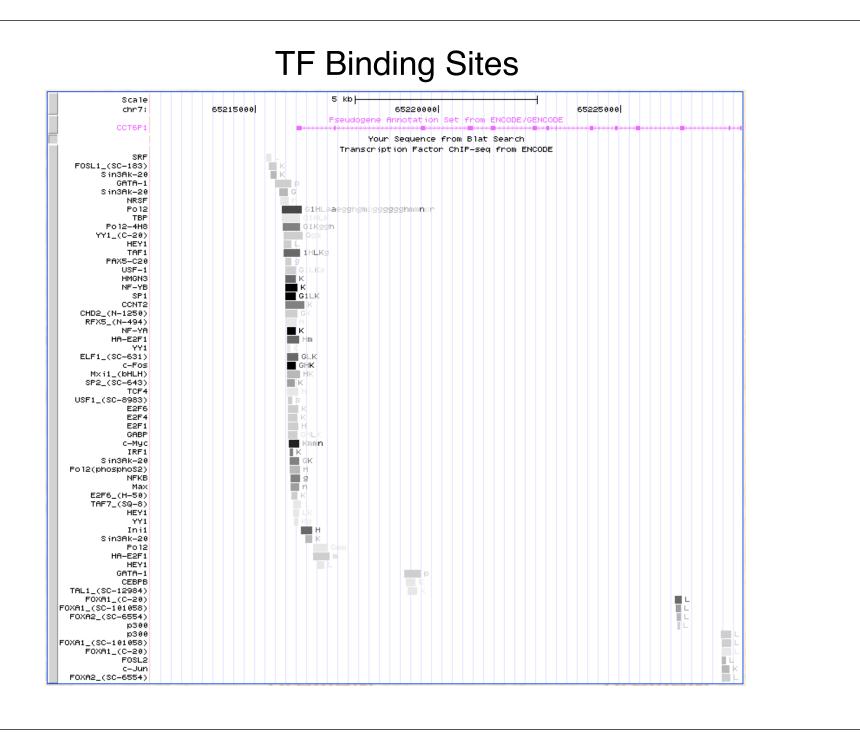
- Transcription evidence from GENCODE, BodyMap or Proteogenomics;
- No overlap with annotated coding genes;
- No neighboring TSS

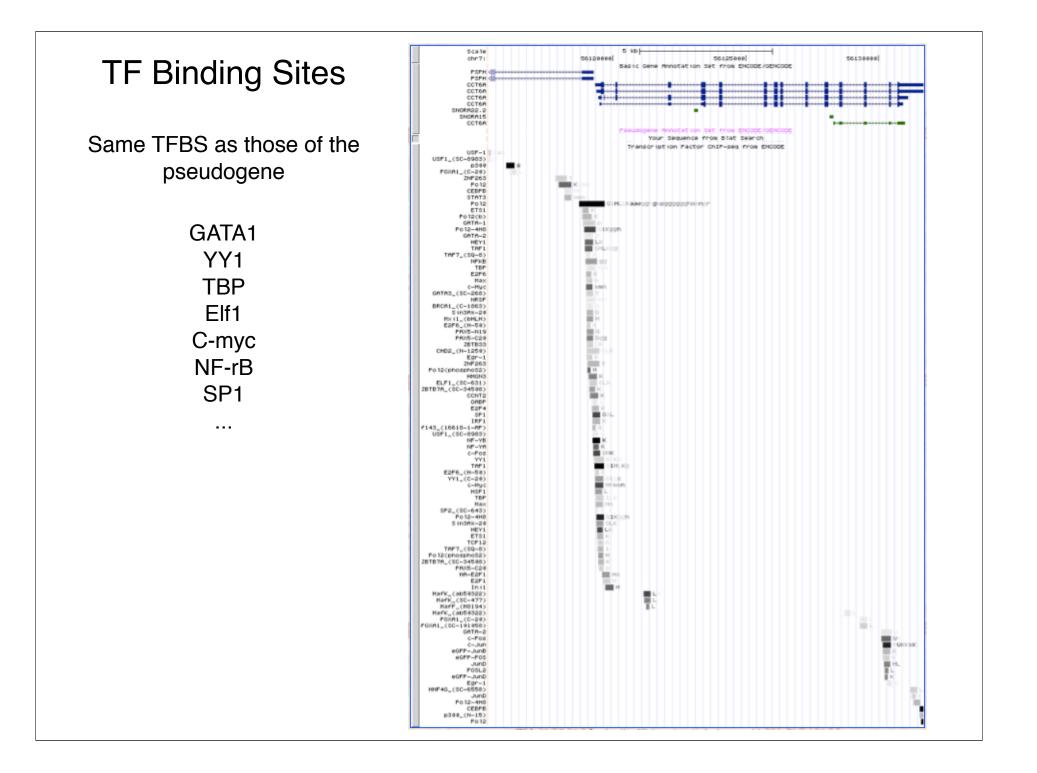
Pseudogene: ENST00000434500.1



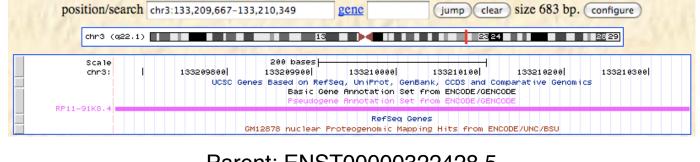
This pseudogene is annotated as transcribe_unprocessed_pseudogene by GENCODE, and the pseudogene and its parent are in in SD pair



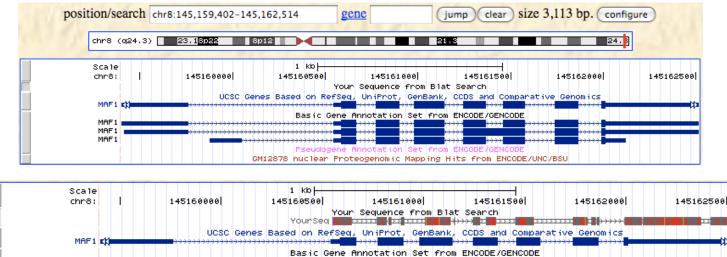




Pseudogene: ENST00000512176.1



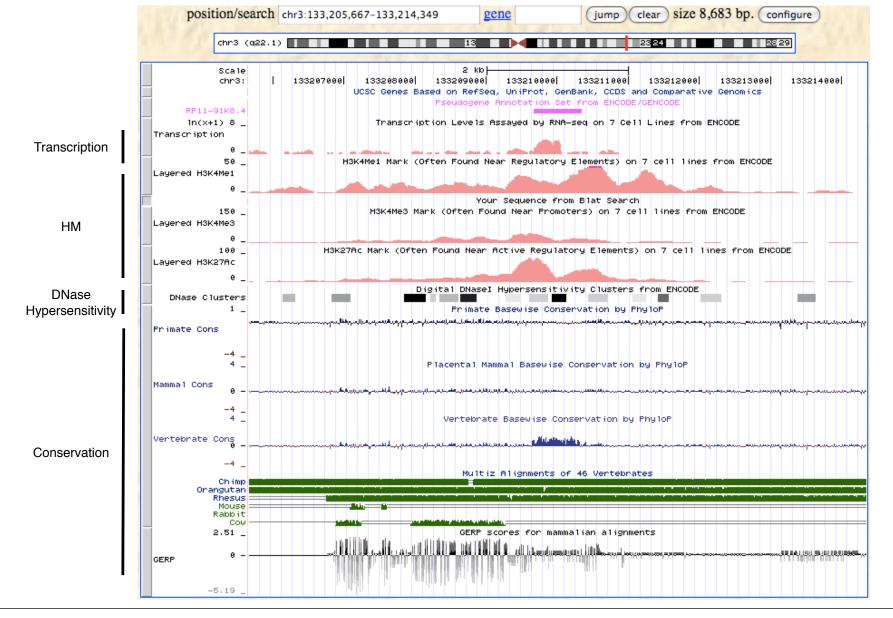
Parent: ENST00000322428.5

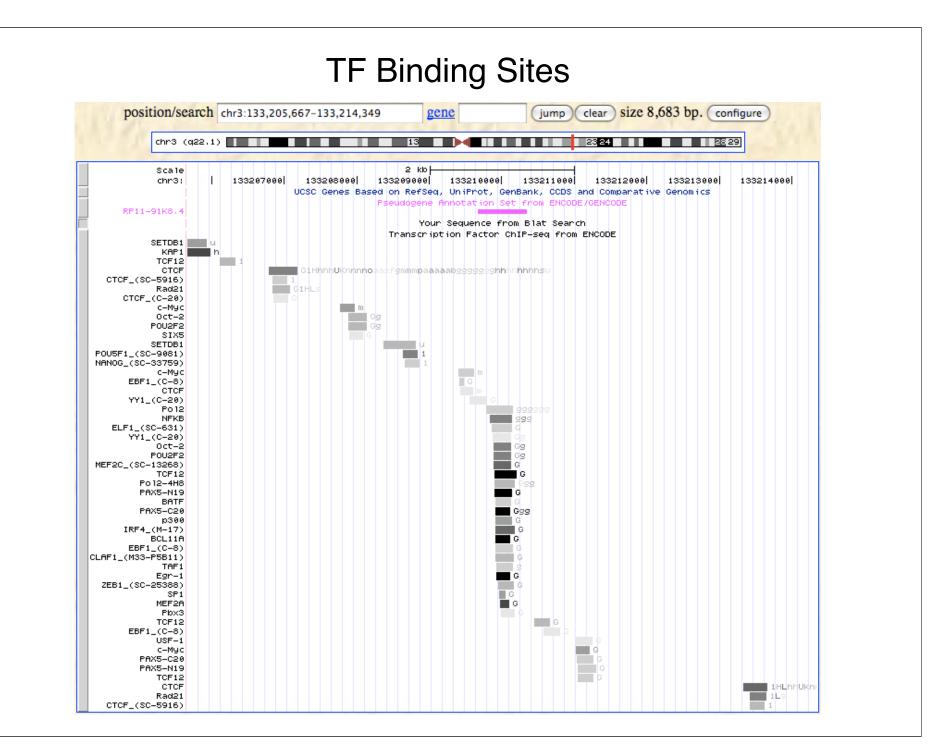


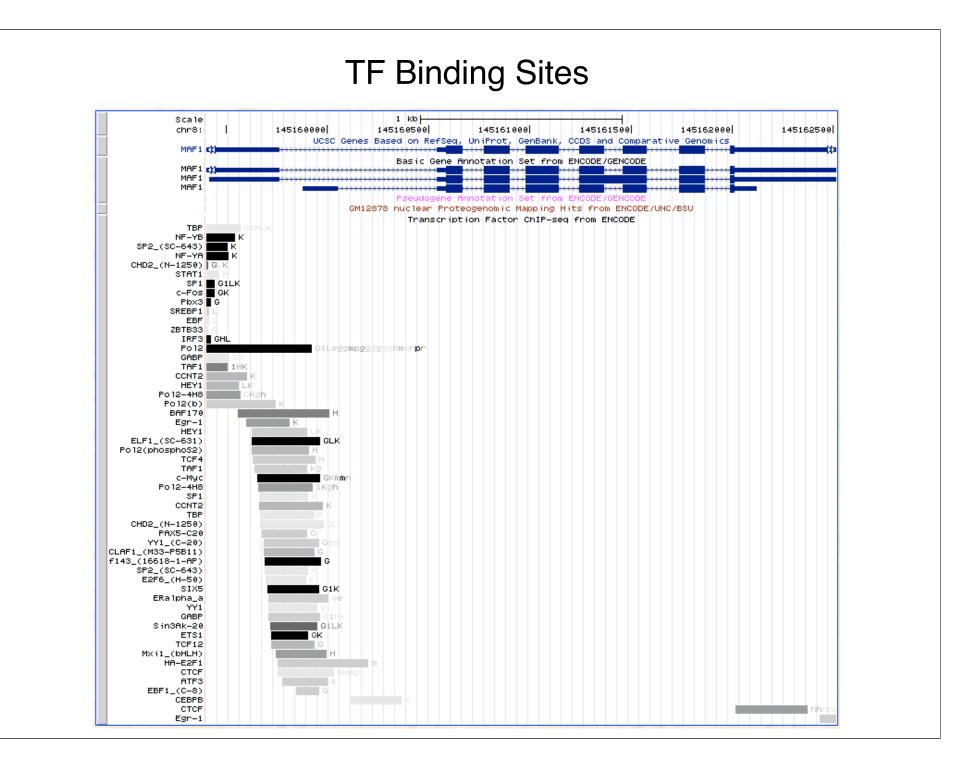
This pseudogene is annotated as processed_pseudogene by GENCODE. It shows transcription evidence in BodyMap data

GM12878 hubleah Proteogenomic Mapping Hits from ENCODE/UNC/BSU

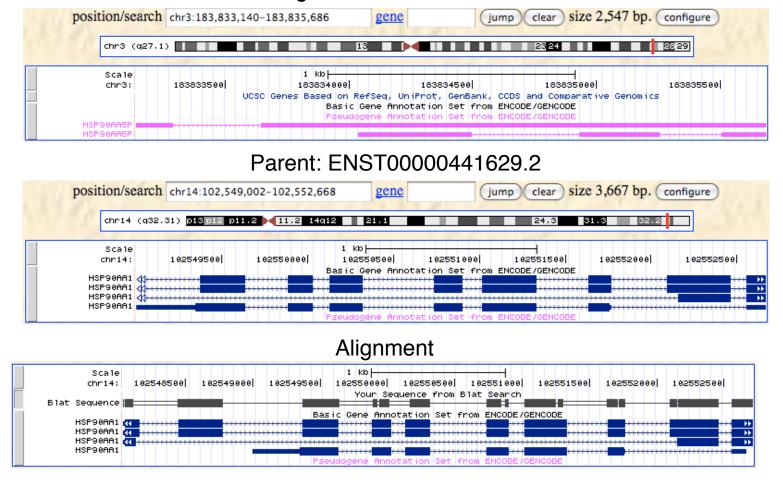
MAF1 MAF1 MAF1



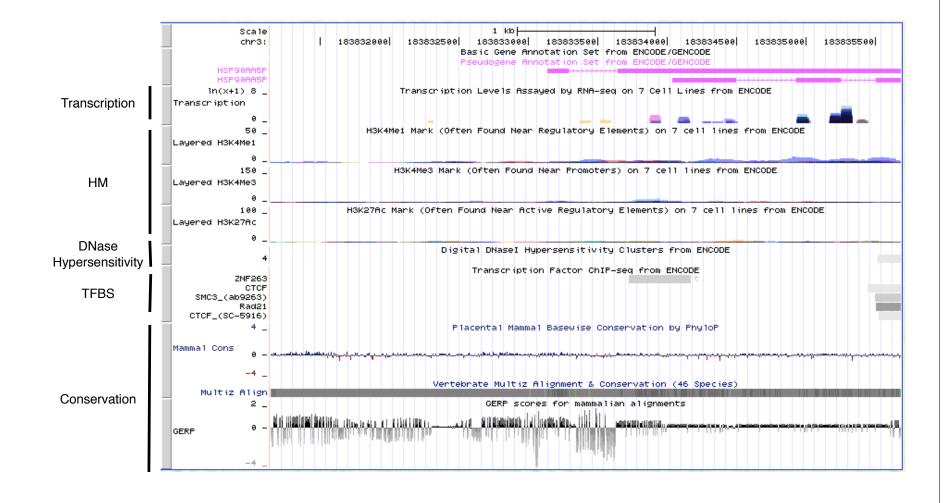


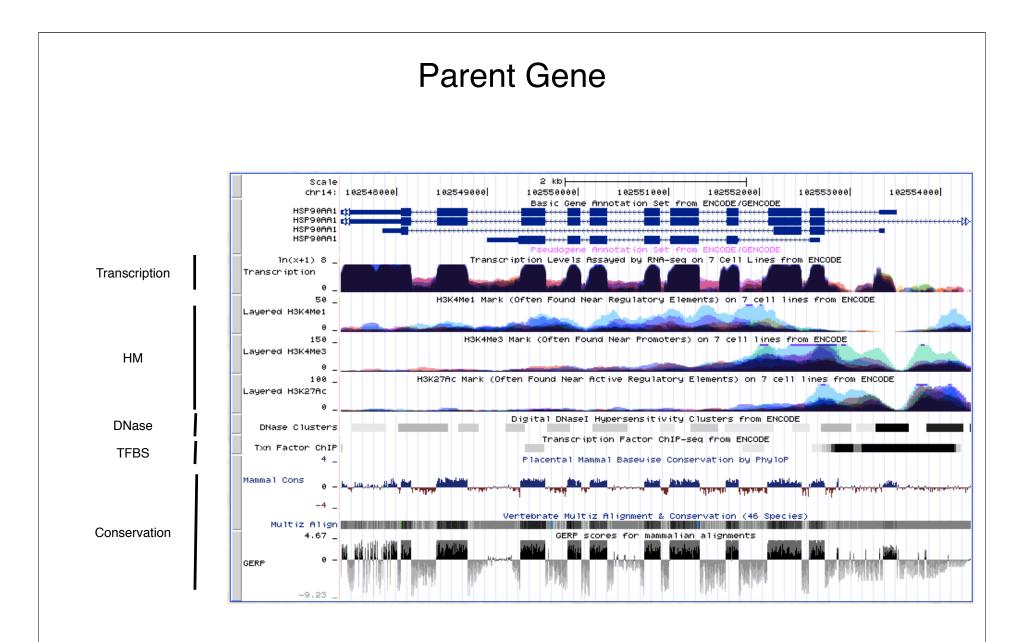


Pseudogene: ENST00000438353.1

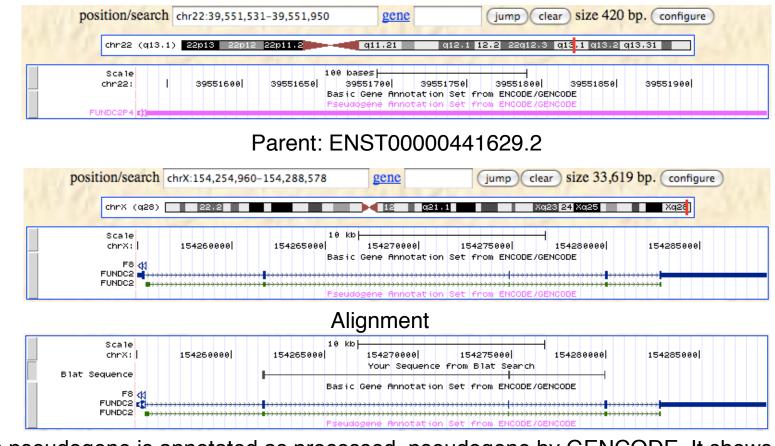


This pseudogene is annotated as transcribe_unprocessed_pseudogene by GENCODE





Pseudogene: ENST00000441207.1



This pseudogene is annotated as processed_pseudogene by GENCODE. It shows transcription evidence in BodyMap data

