

Chromatin Architecture of Pseudogenes

Annotation Meeting
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GENCODE 3c vs. 7

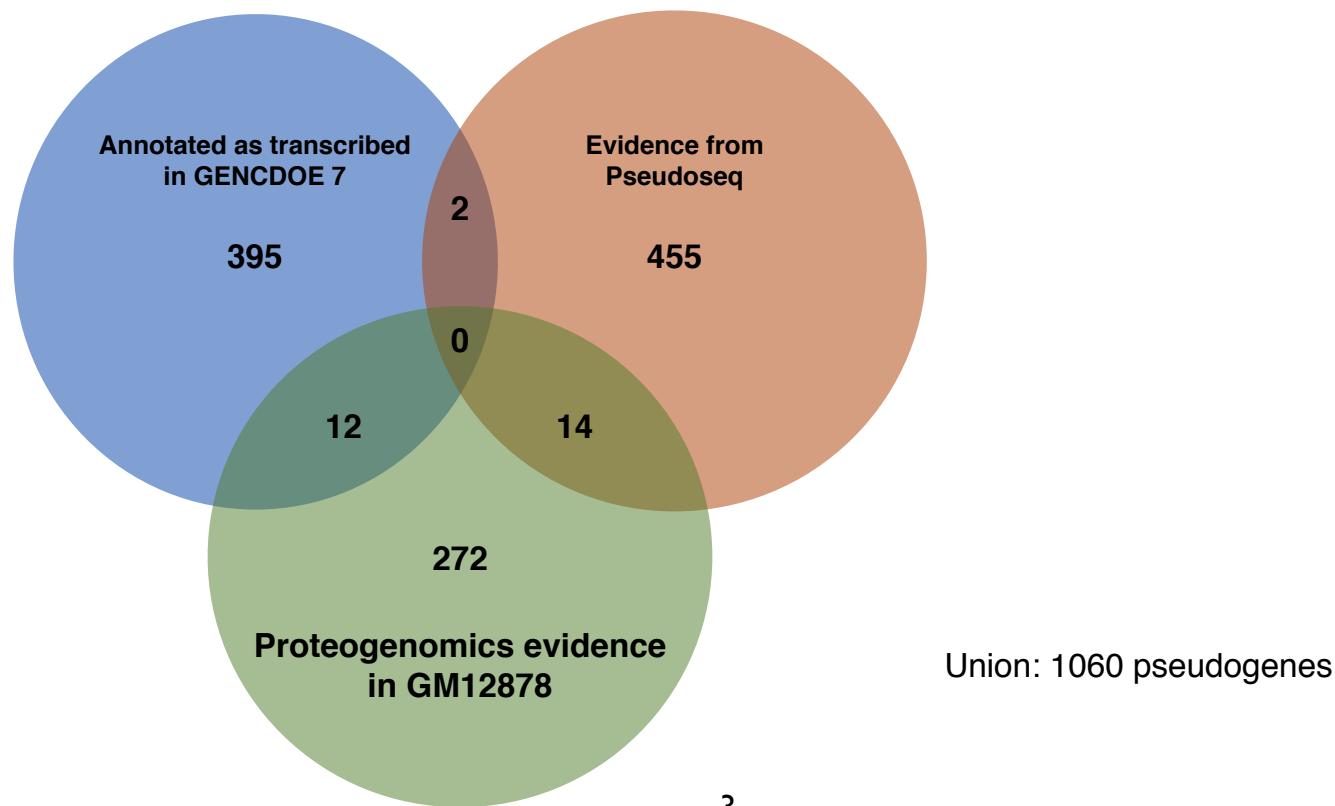
	v3c	v7
Level 1 pseudogenes	3171	7189
Level 2 pseudogenes	5661	5236
Level 3 pseudogenes	3610	2194
Transcribed pseudogenes	210	409

More pseudogene annotations in GENCODE v7 than v3c.

GENCODE v7 annotation is “cleaner” than v3c regarding to the pseudogenes in the sense that no pseudogene transcripts coming from functional genes.

“Expressed” Pseudogenes

1. Transcribed pseudogenes from GENCODE annotation: totally 409 pseudogenes.
2. Transcribed pseudogenes from Pseudoseq using BodyMap data, lifteOver to Hg19. Totally 471 pseudogenes.
3. Pseudogenes with proteogenomics evidence, by using nuclear fraction of GM12878



Chromatin Architecture

