

[genome] source gene names of retroposed genes

Dear UCSC Genome Browser support team,

I wish to bulk-extract the names of the source (parent) genes for the entire set of retroposed genes, including pseudogenes, available in either hg19 or hg38.

For example, from the retroposed track at the Genome Browser, I can see that *ARL5A* is the source gene name for the retro [NM_012097.3-2](#) by clicking on the retrogene to open the information table "Retroposed Genes V9, Including Pseudogenes (NM_012097.3-2)" (see print screen #1)

Print screen #1

Source Gene: [NM_012097.3-2](#)|[ARL5A](#)|Homo sapiens ADP ribosylation factor like GTPase 5A (ARL5A), transcript variant 1, mRNA.

Retrogene Statistics:

Feature	Value
Expression of Retrogene	pseudogene
Score	899 (range from 0 - 1920)
Parent Gene Alignment Coverage (Bases Matching Parent)	24 % (639 bp)
Introns Processed Out	4 out of 5 (5 exons covered)
Possible Introns or Gaps in Retrogene	0,0
Conserved Splice Sites	0
Parent Splice Sites	10
Length of PolyA Tail	11 As out of 16 bp
% A's from Parent PolyA tail (Position)	68.8 % (58 bp past end of retrogene)
mRNA Expression Evidence	No overlapping
BESTORF Score (>50 is good)	0

Break in Orthology:

So, I could not find the right Table that contains the information about the source (parent) gene name using either Table Browser or Data Integrator

Here is the path a took in Table Browser.

Clade: Mammal

Genome: human

Assembly: hg19 or hg38

Group: Genes and Gene Predictions

Track: retroposed genes

Tables: ucscRetroAli5, ucscRetroCds5, ucscRetroExpressed5, ucscRetroInfo5, ucscRetroOrtho5, ucscRetroSeq5

Output format: selected fields from primary and related tables.

Best regards,

Enrique

