

Inserted sequences

Match with registered transcripts?

$\geq 50\%$  of total bases match  
with a transcript, and at least 2  
exons have  $\geq 95\%$  coverage.

Processed  
Pseudogene

No  
match

Perform RepeatMasker

$\geq 80\%$  bases  
match with Alu

Alu

$\geq 80\%$  bases  
match with LINE1

Solo LINE1

$\geq 80\%$  bases  
match with SVA

SVA

No  
match

Alignment to reference genome  
and infer the source of LINE1

$\geq 5\%$  to  $\leq 95\%$  bases match  
with the corresponding LINE1

Partnered  
Transduction

No inferred  
source of LINE1

$\leq 5\%$  bases match with  
the corresponding LINE1

Orphan  
Transduction

Unclassified