
CLC bio
A QIAGEN® Company

Table of contents

1. Summary

Name	Small RNAs	Annotated	Percentage	Ambiguously annotated
RMI-2-OHS-FCX- RNA-SmRNA_S7_clip_R1 Small RNA sample	868,147	50,583	5.8%	10,442

Name	Percentage	Reads	Annotated	Percentage
RMI-2-OHS-FCX- RNA-SmRNA_S7_clip_R1 Small RNA sample	1.2%	14,686,958	4,446,035	30.3%

Name	Ambiguously annotated	Percentage
RMI-2-OHS-FCX- RNA-SmRNA_S7_clip_R1 Small RNA sample	2,287,564	15.6%

2. Resources

Resource	Sequences in resource	Sequences found	Percentage found
miRBase (Macaca mulatta)	619	445	71.9%
miRBase (Macaca nemestrina)	74	9	12.2%
miRBase (Homo sapiens)	1,881	491	26.1%

3. Reads

Annotation	Count	Percentage	Perfect matches	%
Annotated	4,446,035	30.3%	3,599,314	81.0%
- with miRBase (Macaca mulatta)	4,220,795	94.9%	3,424,582	81.1%
- with miRBase (Macaca nemestrina)	2,123	0.0%	1,733	81.6%
- with miRBase (Homo sapiens)	223,117	5.0%	172,999	77.5%

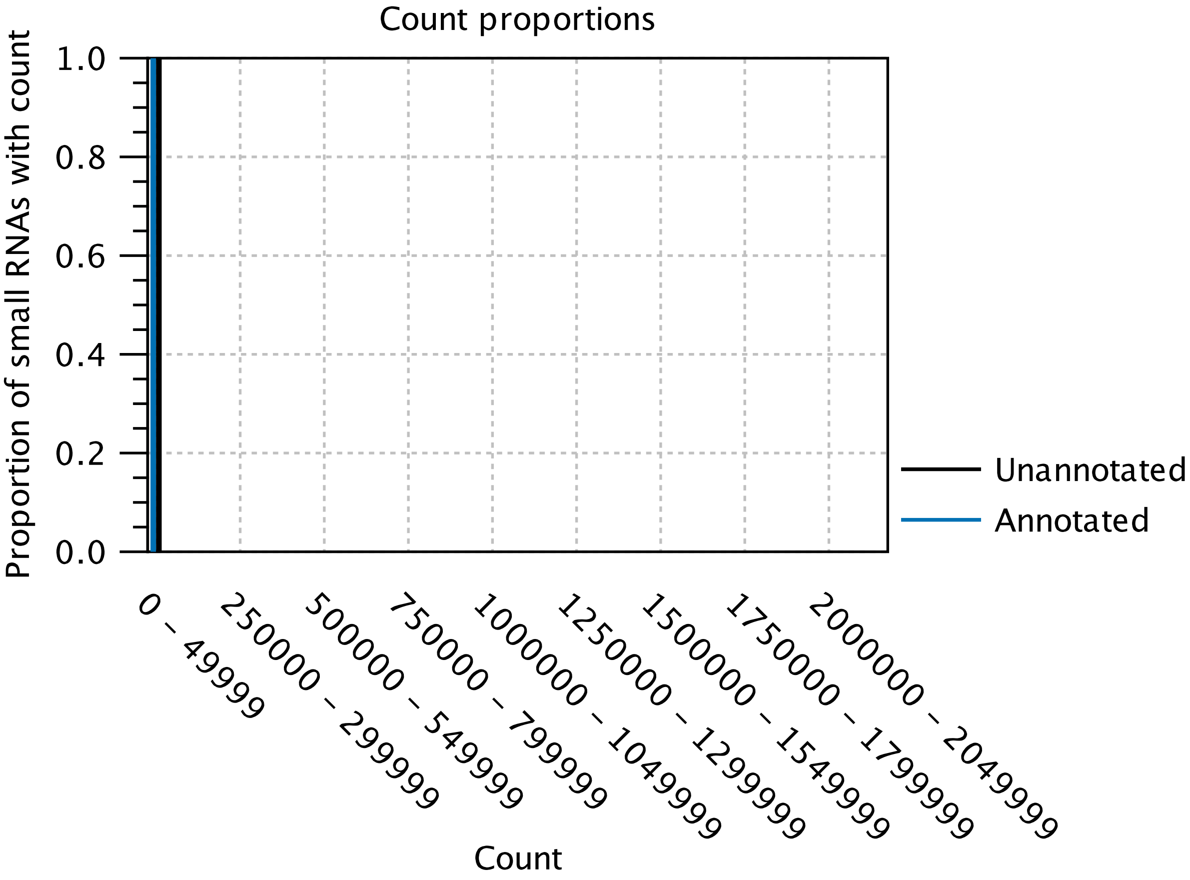
Annotation	Count	Percentage	Perfect matches	%
Unannotated	10,240,923	69.7%		
Total	14,686,958	100.0%		

1 mismatch	%	2 mismatches	%
653,156	14.7%	193,565	4.4%
613,047	14.5%	183,166	4.3%
297	14.0%	93	4.4%
39,812	17.8%	10,306	4.6%

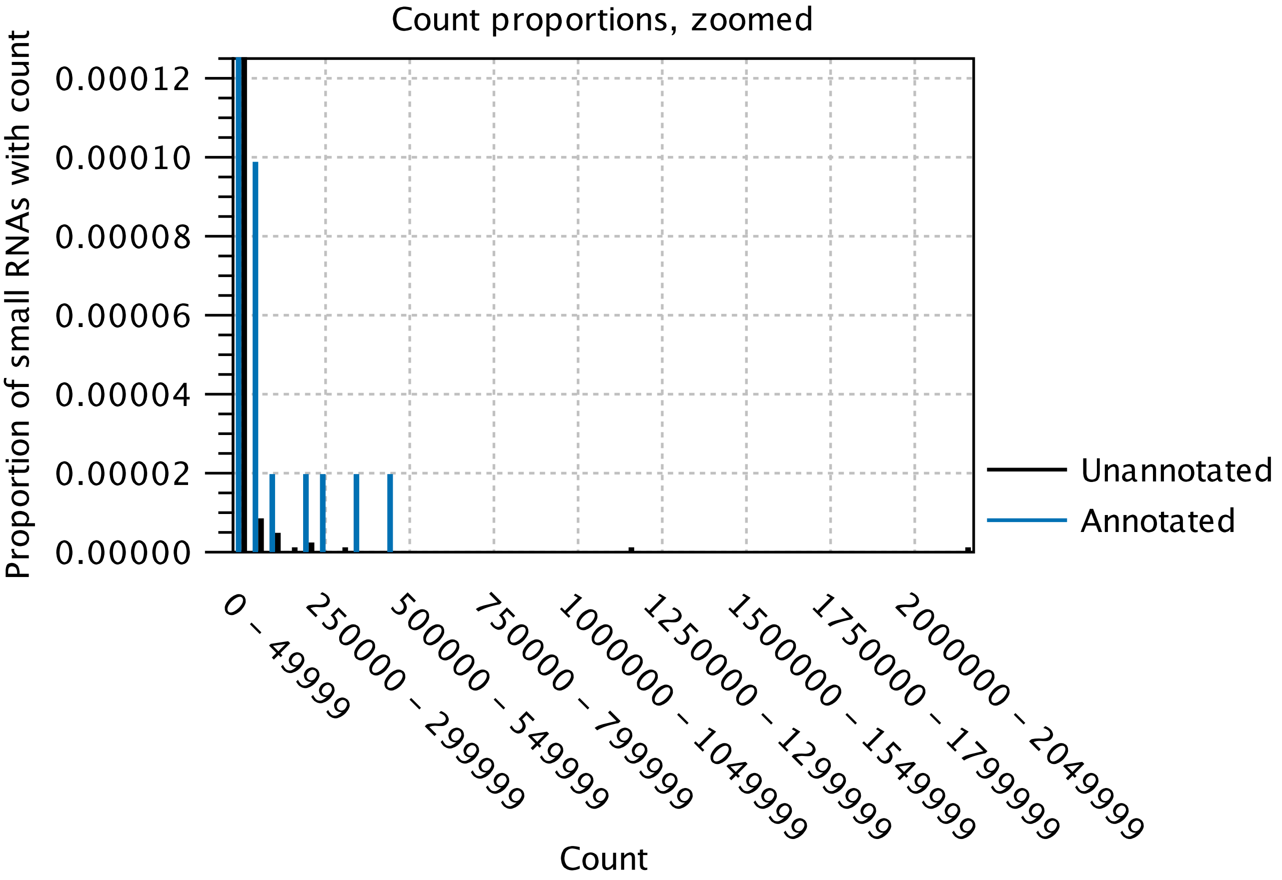
4. Small RNAs

Annotation	Count	Percentage
Annotated	50,583	5.8%
- with miRBase (Macaca mulatta)	43,423	85.8%
- with miRBase (Macaca nemestrina)	183	0.4%
- with miRBase (Homo sapiens)	6,977	13.8%
Unannotated	817,564	94.2%
Total	868,147	100.0%

5. Read count proportions



The histogram shows, for each interval of read counts, the proportion of annotated (respec tively, unannotated) small RNAs with a read count in that interval. Annotated small RNAs may be expected to be associated with higher counts.



Zoomed version of the read count proportions histogram. Note that some bars extend beyond the plotting area.

6. Annotations (miRBase)

Organism	Total	Mature 5' total	Mature 5' exact matches	Mature 5' length variants
Macaca mulatta	4,220,795	3,096,250	1,612,013	950,473
Macaca nemestrina	2,123	999	763	105
Homo sapiens	223,117	124,324	85,622	12,556

Organism	Mature 5' mutant variants	Non-mature total	Mature 3'	Precursor
Macaca mulatta	533,764	1,124,545	962,389	162,156
Macaca nemestrina	131	1,124	1,088	36
Homo sapiens	26,146	98,793	92,211	6,582