CLC bio

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Table of contents

1. Summary

Name	Small RNAs	Annotated	Percentage	Ambiguously annotated
RMI-2-OHS-SPL- RNA-SmRNA_S13_clip_R1 Small RNA sample	1,089,230	60,078	5.5%	8,609

Name	Percentage	Reads	Annotated	Percentage
RMI-2-OHS-SPL- RNA-SmRNA_S13_clip_R1 Small RNA sample	0.8%	17,662,474	8,395,033	47.5%

Name	Ambiguously annotated	Percentage
RMI-2-OHS-SPL- RNA-SmRNA_S13_clip_R1 Small RNA sample	2,068,565	11.7%

2. Resources

Resource	Sequences in resource	Sequences found	Percentage found
miRBase (Macaca mulatta)	619	444	71.7%
miRBase (Macaca nemestrina)	74	10	13.5%
miRBase (Homo sapiens)	1,881	548	29.1%

3. Reads

Annotation	Count	Percentage	Perfect matches	%
Annotated	8,395,033	47.5%	6,294,855	75.0%
- with miRBase (Macaca mulatta)	7,084,043	84.4%	5,176,578	73.1%
- with miRBase (Macaca nemestrina)	985,976	11.7%	868,329	88.1%
- with miRBase (Homo sapiens)	325,014	3.9%	249,948	76.9%
Unannotated	9,267,441	52.5%		

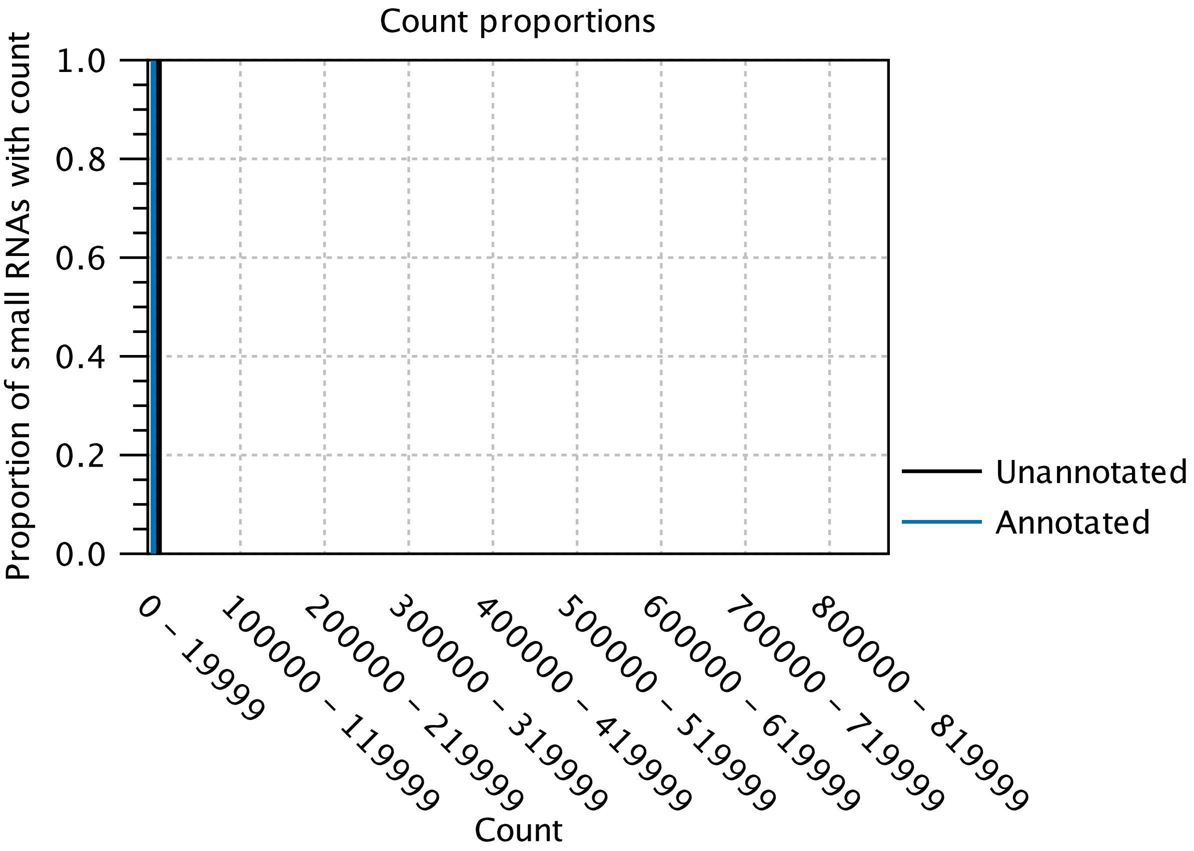
Annotation	Count	Percentage	Perfect matches	%
Total	17,662,474	100.0%		

1 mismatch	%	2 mismatches	%
1,598,373	19.0%	501,805	6.0%
1,451,472	20.5%	455,993	6.4%
87,591	8.9%	30,056	3.0%
59,310	18.2%	15,756	4.8%

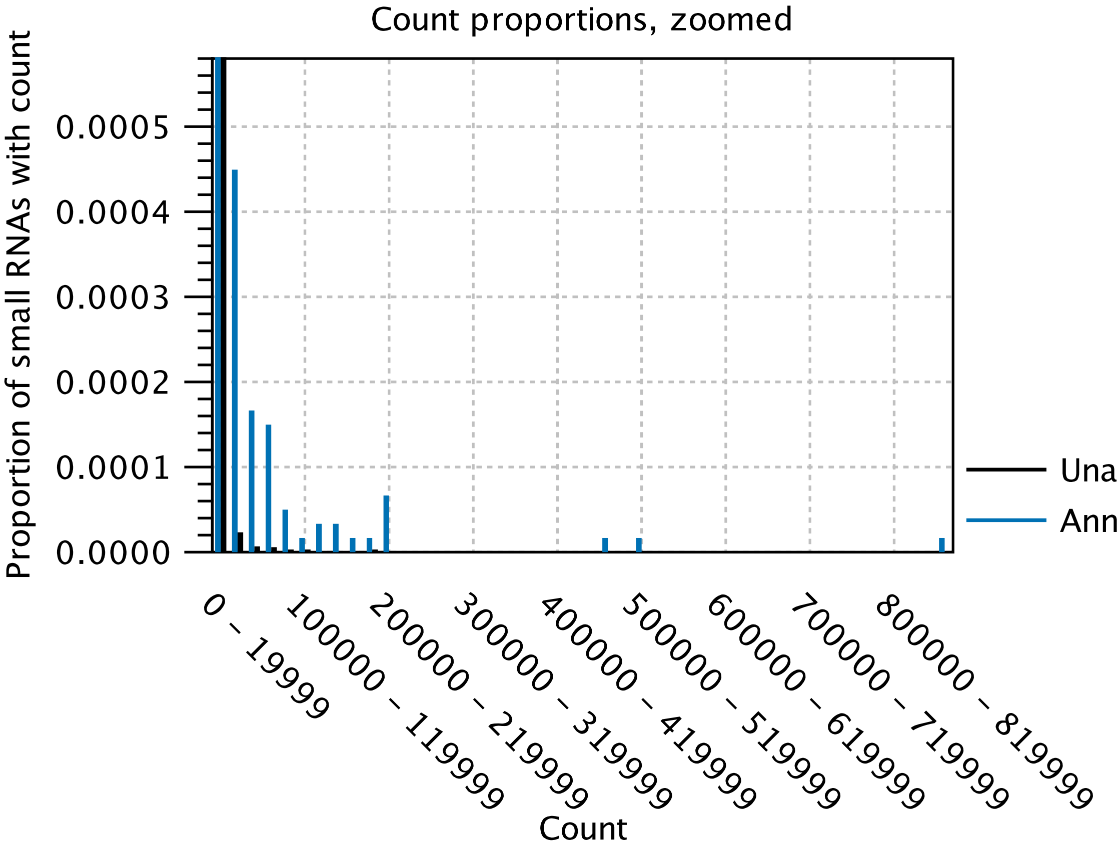
4. Small RNAs

Annotation	Count	Percentage
Annotated	60,078	5.5%
- with miRBase (Macaca mulatta)	50,069	83.3%
- with miRBase (Macaca nemestrina)	697	1.2%
- with miRBase (Homo sapiens)	9,312	15.5%
Unannotated	1,029,152	94.5%
Total	1,089,230	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	7,084,043	4,539,558	1,983,001	1,451,119
Macaca nemestrina	985,976	984,739	860,171	7,384
Homo sapiens	325,014	236,812	179,785	18,058

Organism	Mature 5' mutant variants	Non-mature total	Mature 3'	Precursor
Macaca mulatta	1,105,438	2,544,485	2,199,406	345,079
Macaca nemestrina	117,184	1,237	1,183	54
Homo sapiens	38,969	88,202	66,684	21,518