CLC bio

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1. Summary

Name	Small RNAs	Annotated	Percentage	Ambiguously annotated
RMI-2-OHS-BMR- RNA-SmRNA_S5_clip_R1 Small RNA sample	1,294,069	41,145	3.2%	5,945

Name	Percentage	Reads	Annotated	Percentage
RMI-2-OHS-BMR- RNA-SmRNA_S5_clip_R1 Small RNA sample	0.5%	16,784,069	3,670,209	21.9%

Name	Ambiguously annotated	Percentage
RMI-2-OHS-BMR- RNA-SmRNA_S5_clip_R1 Small RNA sample	1,091,300	6.5%

2. Resources

Resource	Sequences in resource	Sequences found	Percentage found
miRBase (Macaca mulatta)	619	429	69.3%
miRBase (Macaca nemestrina)	74	11	14.9%
miRBase (Homo sapiens)	1,881	484	25.7%

3. Reads

Annotation	Count	Percentage	Perfect matches	%
Annotated	3,670,209	21.9%	2,456,051	66.9%
- with miRBase (Macaca mulatta)	3,395,063	92.5%	2,233,404	65.8%
- with miRBase (Macaca nemestrina)	140,581	3.8%	125,777	89.5%
- with miRBase (Homo sapiens)	134,565	3.7%	96,870	72.0%

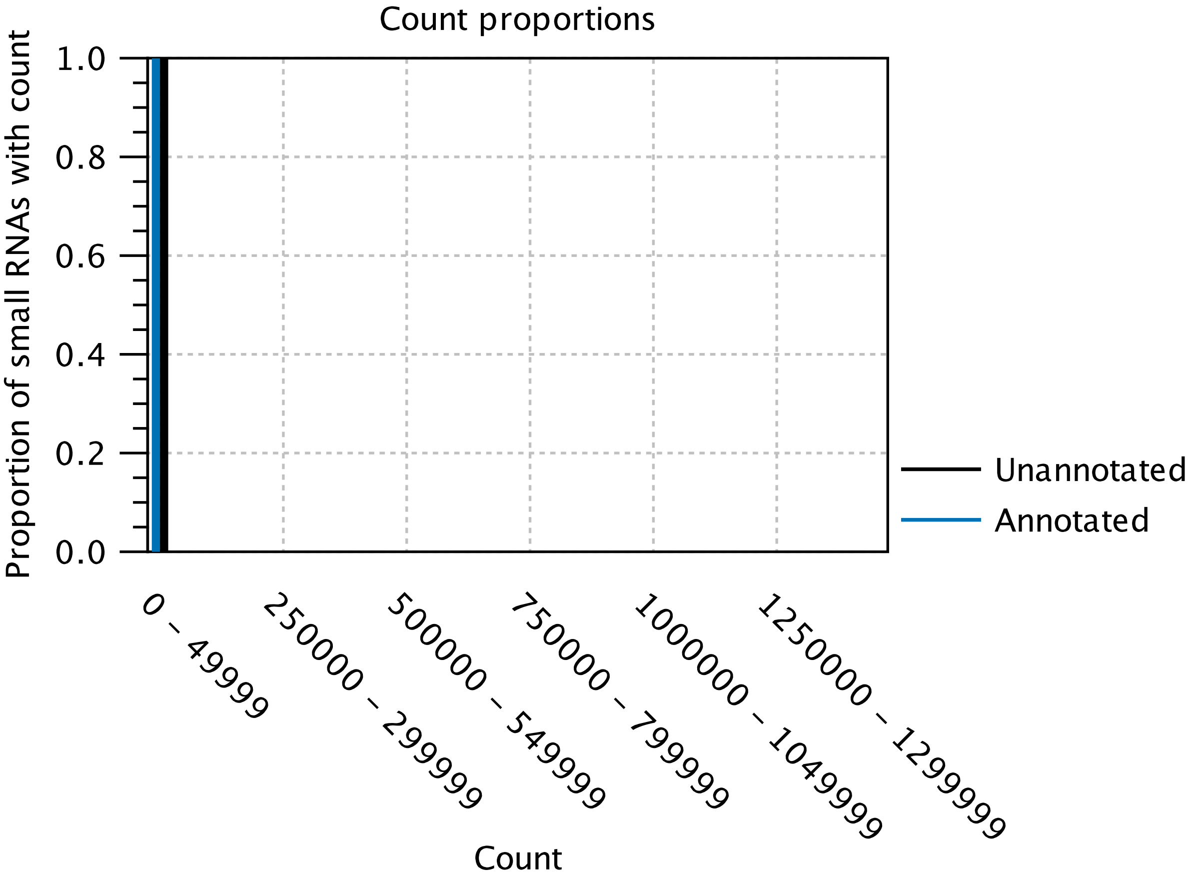
Annotation	Count	Percentage	Perfect matches	%
Unannotated	13,113,860	78.1%		
Total	16,784,069	100.0%		

1 mismatch	%	2 mismatches	%
748,088	20.4%	466,070	12.7%
709,405	20.9%	452,254	13.3%
10,570	7.5%	4,234	3.0%
28,113	20.9%	9,582	7.1%

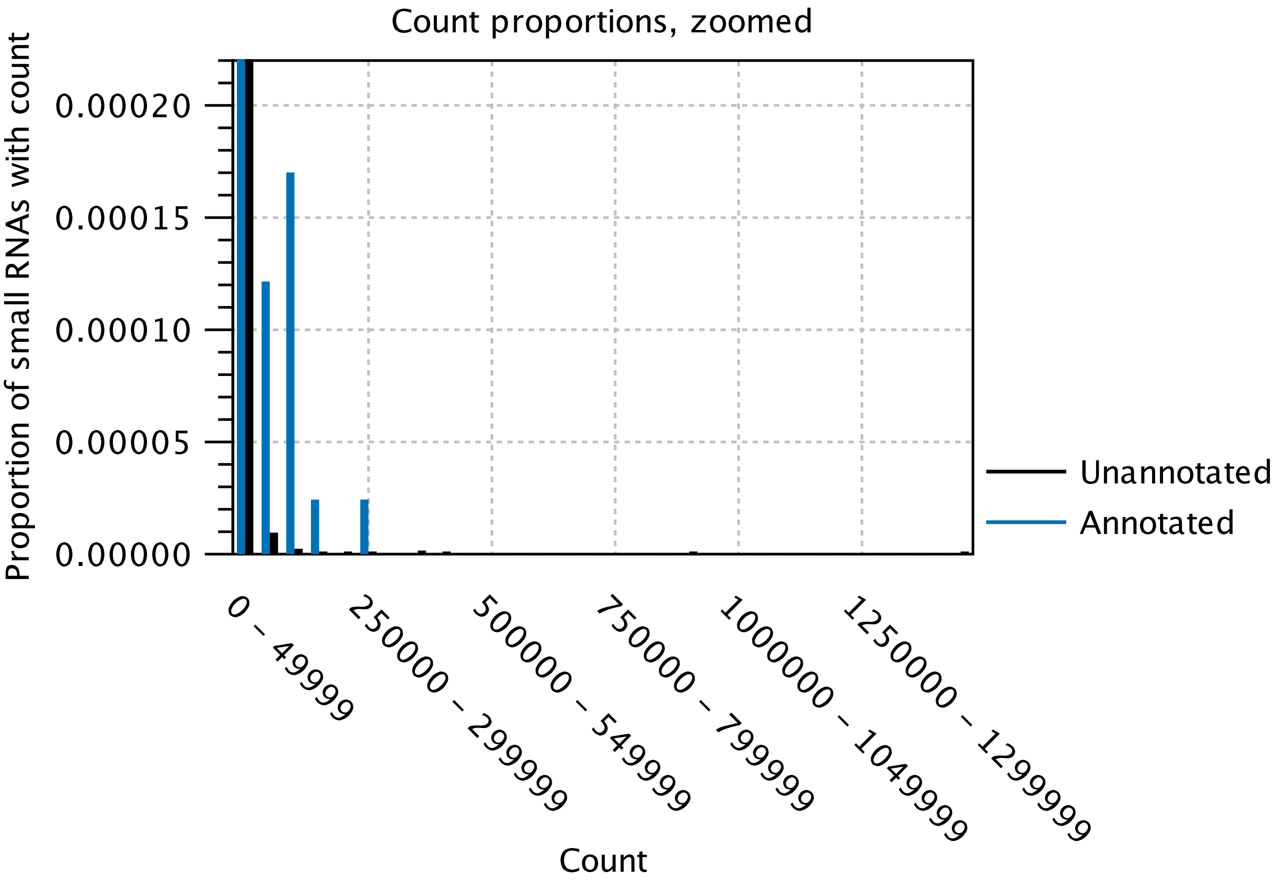
4. Small RNAs

Annotation	Count	Percentage
Annotated	41,145	3.2%
- with miRBase (Macaca mulatta)	33,431	81.3%
- with miRBase (Macaca nemestrina)	315	0.8%
- with miRBase (Homo sapiens)	7,399	18.0%
Unannotated	1,252,924	96.8%
Total	1,294,069	100.0%

5. Read count proportions



The histogram shows, for each interval of read counts, the proportion of annotated (respectively, 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	3,395,063	2,235,771	1,024,997	592,564
Macaca nemestrina	140,581	140,387	125,159	486
Homo sapiens	134,565	75,350	45,646	15,777

Organism	Mature 5' mutant variants	Non-mature total	Mature 3'	Precursor
Macaca mulatta	618,210	1,159,292	938,401	220,891
Macaca nemestrina	14,742	194	189	5
Homo sapiens	13,927	59,215	32,978	26,237