
CLC bio
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1. Summary

Name	Small RNAs	Annotated	Percentage	Ambiguously annotated
RMI-2-OHS-LNG- RNA-SmRNA_S12_clip_R1 Small RNA sample	1,005,597	55,853	5.6%	8,695

Name	Percentage	Reads	Annotated	Percentage
RMI-2-OHS-LNG- RNA-SmRNA_S12_clip_R1 Small RNA sample	0.9%	17,854,822	7,306,202	40.9%

Name	Ambiguously annotated	Percentage
RMI-2-OHS-LNG- RNA-SmRNA_S12_clip_R1 Small RNA sample	2,425,026	13.6%

2. Resources

Resource	Sequences in resource	Sequences found	Percentage found
miRBase (Macaca mulatta)	619	461	74.5%
miRBase (Macaca nemestrina)	74	8	10.8%
miRBase (Homo sapiens)	1,881	504	26.8%

3. Reads

Annotation	Count	Percentage	Perfect matches	%
Annotated	7,306,202	40.9%	5,453,885	74.6%
- with miRBase (Macaca mulatta)	6,874,619	94.1%	5,111,315	74.4%
- with miRBase (Macaca nemestrina)	29,544	0.4%	24,759	83.8%
- with miRBase (Homo sapiens)	402,039	5.5%	317,811	79.0%

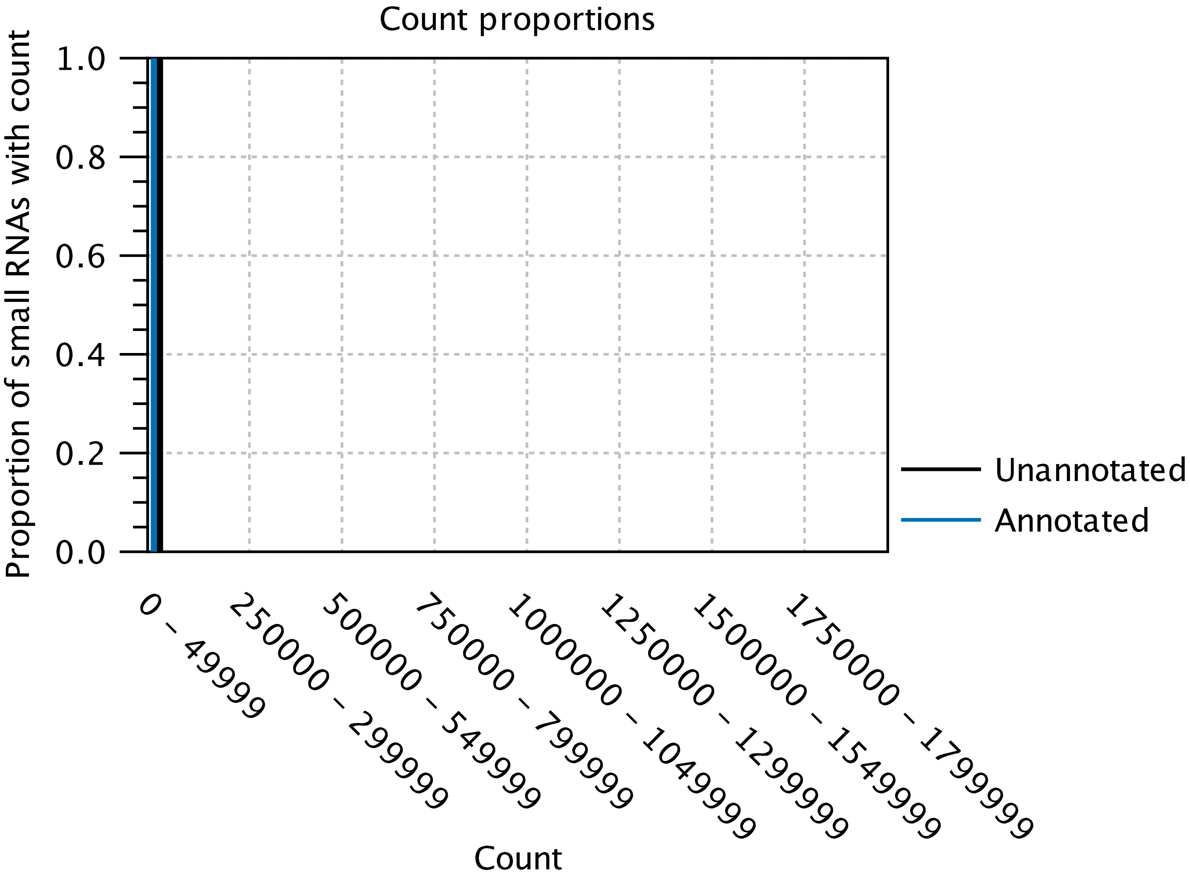
Annotation	Count	Percentage	Perfect matches	%
Unannotated	10,548,620	59.1%		
Total	17,854,822	100.0%		

1 mismatch	%	2 mismatches	%
1,375,866	18.8%	476,451	6.5%
1,306,053	19.0%	457,251	6.7%
2,976	10.1%	1,809	6.1%
66,837	16.6%	17,391	4.3%

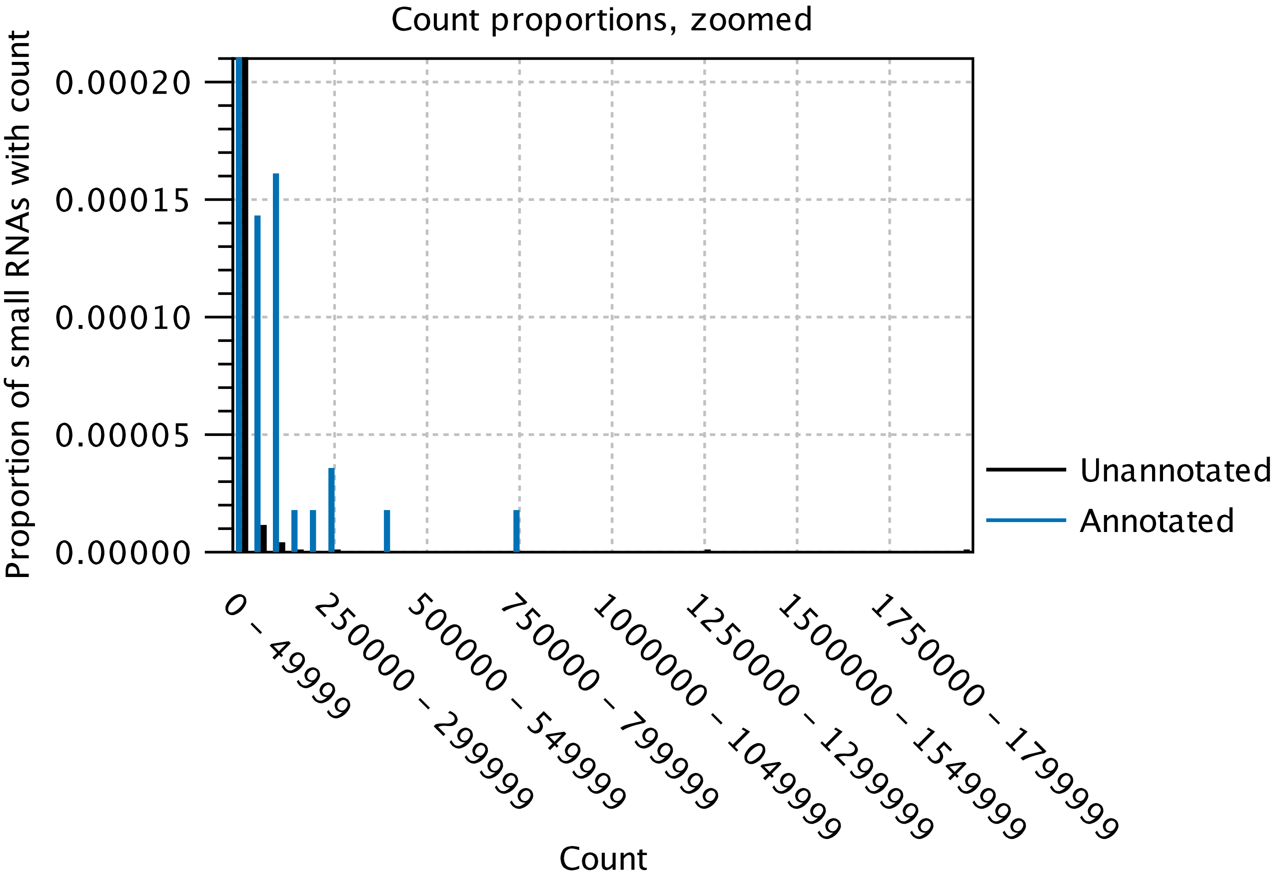
4. Small RNAs

Annotation	Count	Percentage
Annotated	55,853	5.6%
- with miRBase (Macaca mulatta)	46,932	84.0%
- with miRBase (Macaca nemestrina)	293	0.5%
- with miRBase (Homo sapiens)	8,628	15.4%
Unannotated	949,744	94.4%
Total	1,005,597	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	6,874,619	4,395,001	1,855,409	1,579,746
Macaca nemestrina	29,544	28,891	24,140	166
Homo sapiens	402,039	299,801	237,584	16,080

Organism	Mature 5' mutant variants	Non-mature total	Mature 3'	Precursor
Macaca mulatta	959,846	2,479,618	2,164,885	314,733
Macaca nemestrina	4,585	653	644	9
Homo sapiens	46,137	102,238	85,781	16,457