



Table of contents

1. Summary	3
2. Resources	3
3. Reads	3
4. Small RNAs	4
5. Read count proportions	5
6. Annotations (miRBase)	6

1. Summary

Name	Small RNAs	Annotated	Percentage	Ambiguously annotated
RMI-2-OHS-TST- RNA-SmRNA_S14_clip_R1 Small RNA sample	4,663,574	34,142	0.7%	5,208

Name	Percentage	Reads	Annotated	Percentage
RMI-2-OHS-TST- RNA-SmRNA_S14_clip_R1 Small RNA sample	0.1%	19,529,154	1,513,971	7.8%

Name	Ambiguously annotated	Percentage
RMI-2-OHS-TST- RNA-SmRNA_S14_clip_R1 Small RNA sample	317,773	1.6%

2. Resources

Resource	Sequences in resource	Sequences found	Percentage found
miRBase (Macaca mulatta)	619	477	77.1%
miRBase (Macaca nemestrina)	74	8	10.8%
miRBase (Homo sapiens)	1,881	523	27.8%

3. Reads

Annotation	Count	Percentage	Perfect matches	%
Annotated	1,513,971	7.8%	1,146,297	75.7%
- with miRBase (Macaca mulatta)	1,151,811	76.1%	842,503	73.1%
- with miRBase (Macaca nemestrina)	275,642	18.2%	246,223	89.3%
- with miRBase (Homo sapiens)	86,518	5.7%	57,571	66.5%
Unannotated	18,015,183	92.2%		

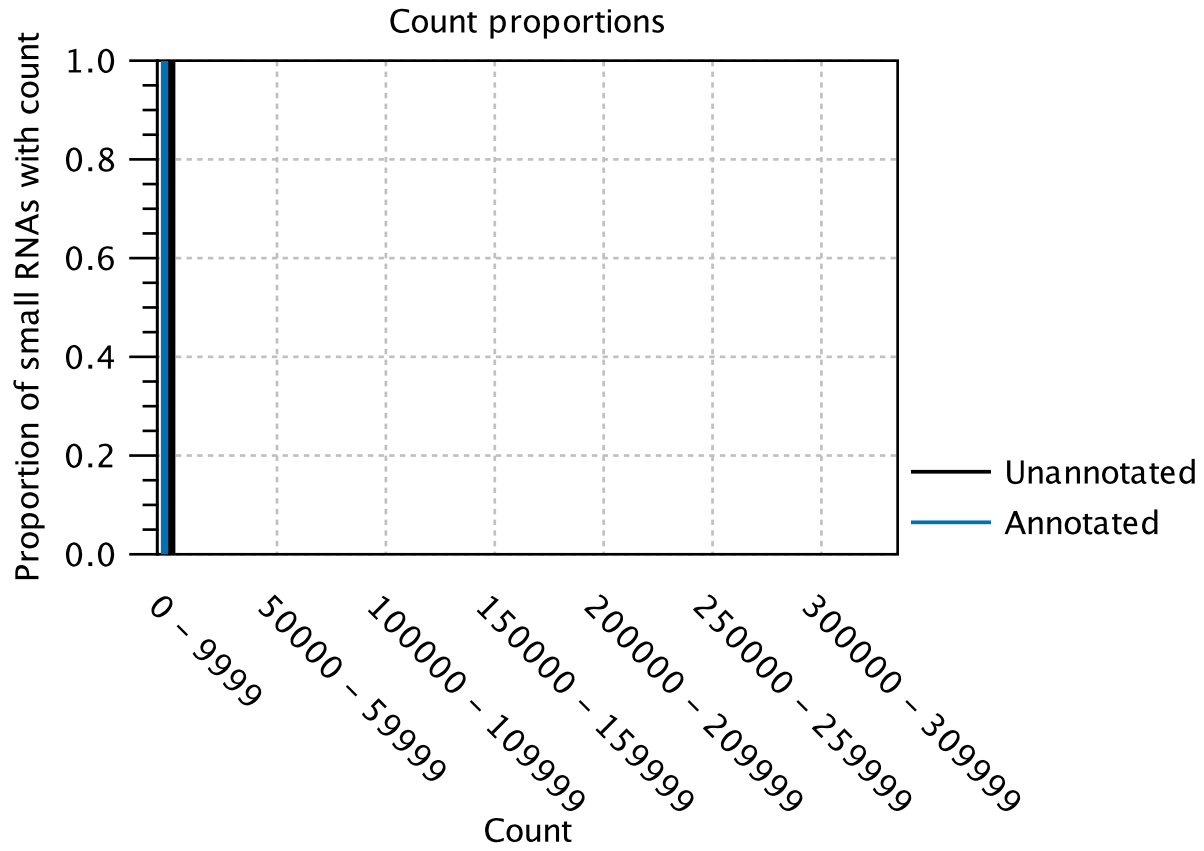
Annotation	Count	Percentage	Perfect matches	%
Total	19,529,154	100.0%		

1 mismatch	%	2 mismatches	%
253,203	16.7%	114,471	7.6%
215,110	18.7%	94,198	8.2%
20,983	7.6%	8,436	3.1%
17,110	19.8%	11,837	13.7%

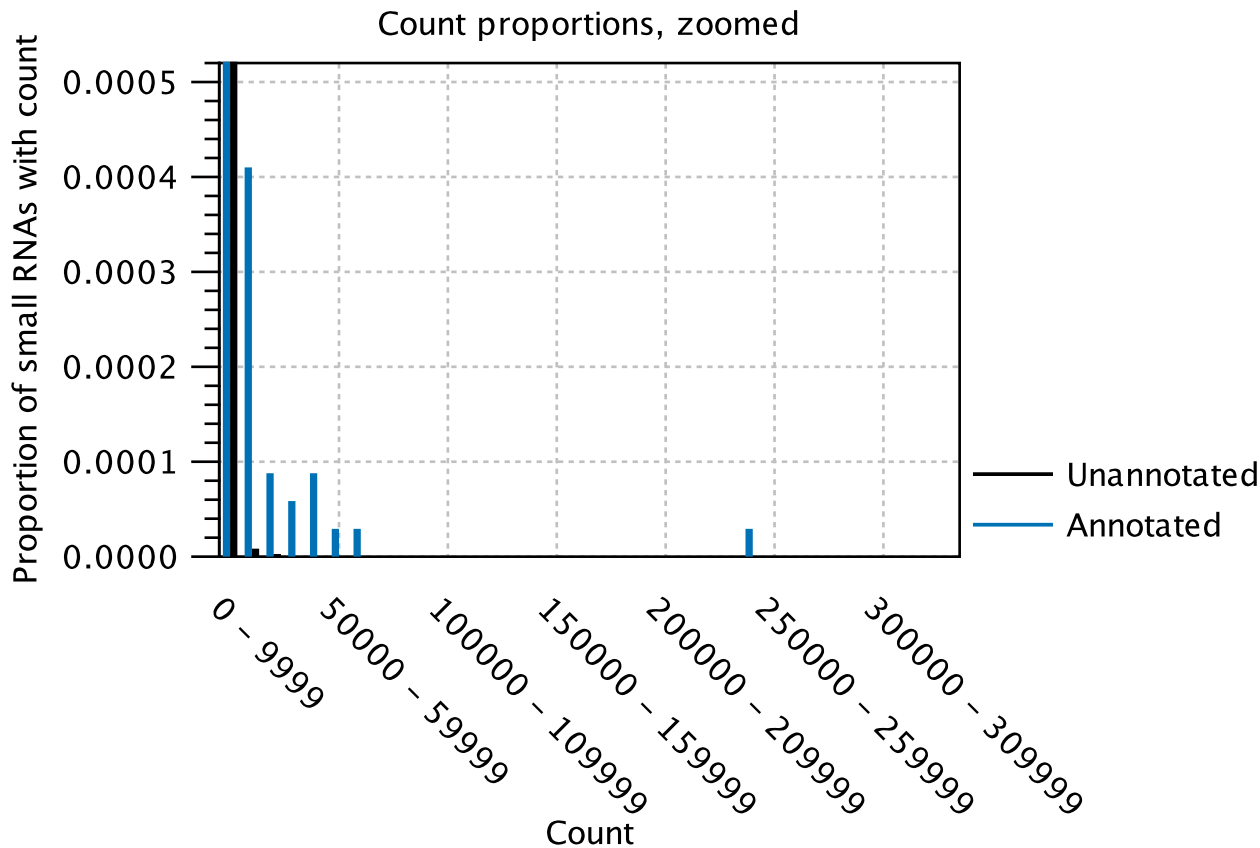
4. Small RNAs

Annotation	Count	Percentage
Annotated	34,142	0.7%
- with miRBase (Macaca mulatta)	23,944	70.1%
- with miRBase (Macaca nemestrina)	390	1.1%
- with miRBase (Homo sapiens)	9,808	28.7%
Unannotated	4,629,432	99.3%
Total	4,663,574	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	1,151,811	680,483	331,840	211,000
Macaca nemestrina	275,642	275,474	244,267	1,832
Homo sapiens	86,518	46,713	21,394	17,998

Organism	Mature 5' mutant variants	Non-mature total	Mature 3'	Precursor
Macaca mulatta	137,643	471,328	427,156	44,172
Macaca nemestrina	29,375	168	165	3
Homo sapiens	7,321	39,805	12,861	26,944