



## 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-THM- RNA-SmRNA_S15_clip_R1 Small RNA sample	1,486,337	50,123	3.4%	8,307

Name	Percentage	Reads	Annotated	Percentage
RMI-2-OHS-THM- RNA-SmRNA_S15_clip_R1 Small RNA sample	0.6%	18,671,417	4,825,333	25.8%

Name	Ambiguously annotated	Percentage
RMI-2-OHS-THM- RNA-SmRNA_S15_clip_R1 Small RNA sample	2,362,804	12.7%

# 2. Resources

Resource	Sequences in resource	Sequences found	Percentage found
miRBase (Macaca mulatta)	619	446	72.1%
miRBase (Macaca nemestrina)	74	7	9.5%
miRBase (Homo sapiens)	1,881	510	27.1%

# 3. Reads

Annotation	Count	Percentage	Perfect matches	%
Annotated	4,825,333	25.8%	3,488,363	72.3%
- with miRBase (Macaca mulatta)	4,450,410	92.2%	3,191,880	71.7%
- with miRBase (Macaca nemestrina)	177,748	3.7%	155,570	87.5%
- with miRBase (Homo sapiens)	197,175	4.1%	140,913	71.5%

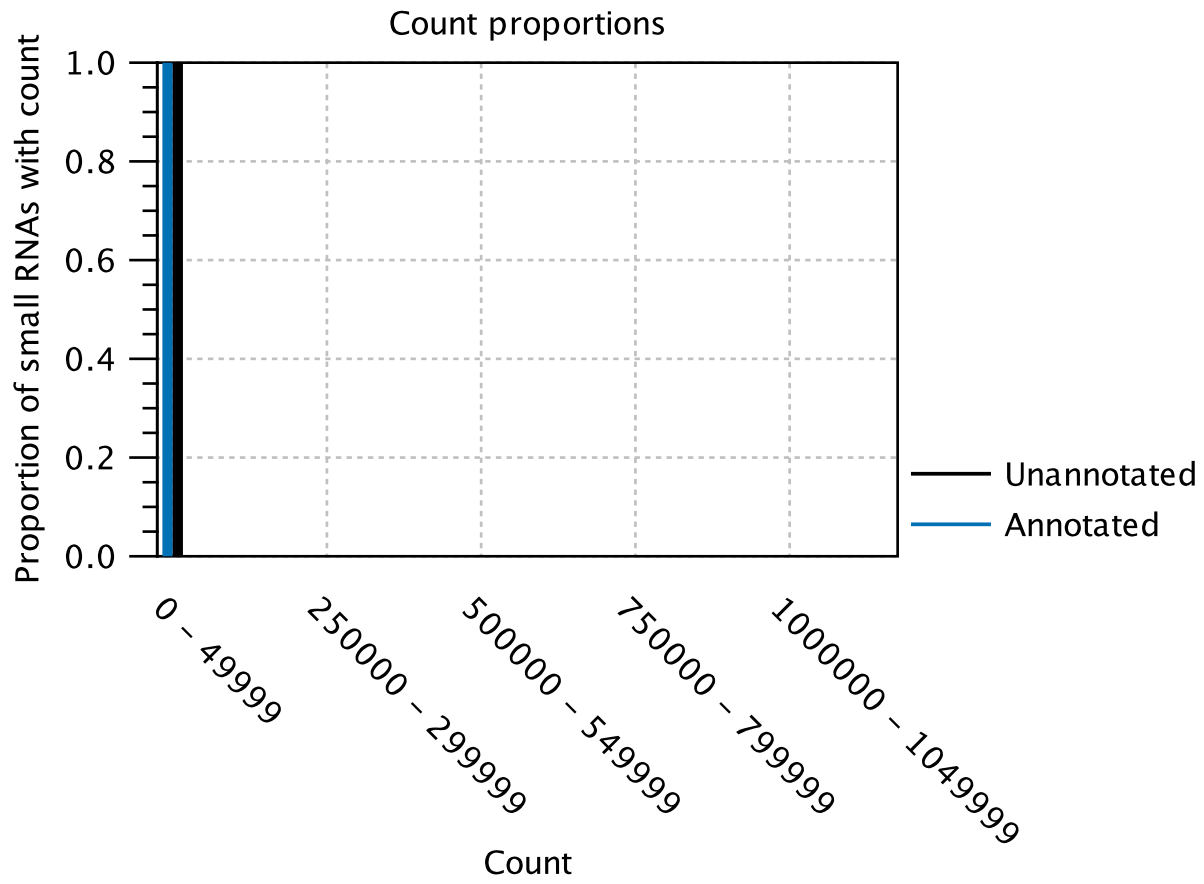
Annotation	Count	Percentage	Perfect matches	%
Unannotated	13,846,084	74.2%		
Total	18,671,417	100.0%		

1 mismatch	%	2 mismatches	%
833,772	17.3%	503,198	10.4%
773,755	17.4%	484,775	10.9%
16,304	9.2%	5,874	3.3%
43,713	22.2%	12,549	6.4%

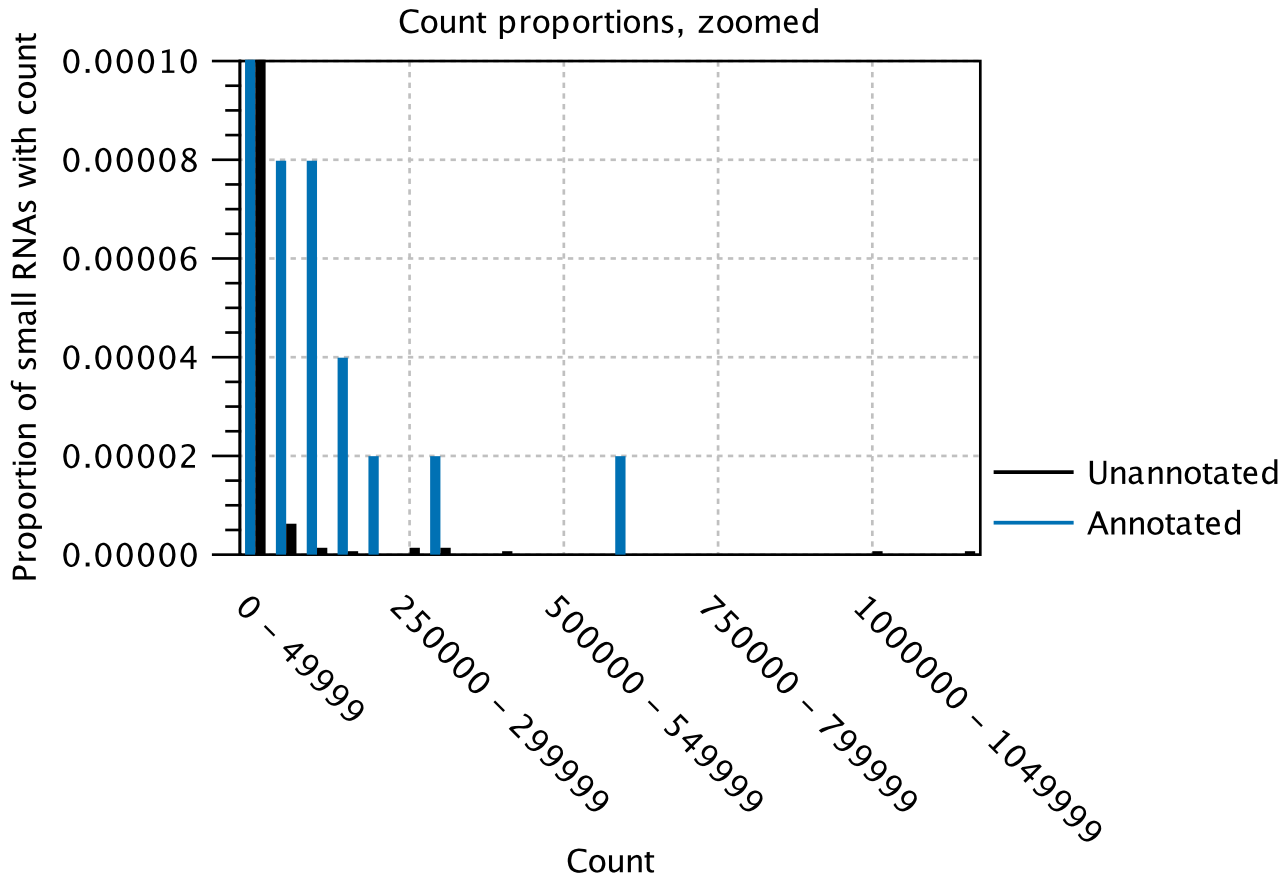
## 4. Small RNAs

Annotation	Count	Percentage
Annotated	50,123	3.4%
- with miRBase (Macaca mulatta)	41,065	81.9%
- with miRBase (Macaca nemestrina)	376	0.8%
- with miRBase (Homo sapiens)	8,682	17.3%
Unannotated	1,436,214	96.6%
Total	1,486,337	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	4,450,410	3,173,130	1,612,688	927,881
Macaca nemestrina	177,748	177,385	154,312	1,033
Homo sapiens	197,175	105,478	76,538	9,384

Organism	Mature 5' mutant variants	Non-mature total	Mature 3'	Precursor
Macaca mulatta	632,561	1,277,280	1,094,980	182,300
Macaca nemestrina	22,040	363	345	18
Homo sapiens	19,556	91,697	62,243	29,454