



## 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
PBMC-F2- D-14- RNA-2- SmRNA_S3_clip_R1 Small RNA sample	1,416,608	49,072	3.5%	8,820

Name	Percentage	Reads	Annotated	Percentage
PBMC-F2- D-14- RNA-2- SmRNA_S3_clip_R1 Small RNA sample	0.6%	17,679,436	6,011,234	34.0%

Name	Ambiguously annotated	Percentage
PBMC-F2- D-14- RNA-2- SmRNA_S3_clip_R1 Small RNA sample	2,321,357	13.1%

# 2. Resources

Resource	Sequences in resource	Sequences found	Percentage found
miRBase (Macaca mulatta)	619	389	62.8%
miRBase (Macaca nemestrina)	74	9	12.2%
miRBase (Homo sapiens)	1,881	504	26.8%

# 3. Reads

Annotation	Count	Percentage	Perfect matches	%
Annotated	6,011,234	34.0%	4,354,039	72.4%
- with miRBase (Macaca mulatta)	5,828,480	97.0%	4,231,142	72.6%
- with miRBase (Macaca nemestrina)	2,408	0.0%	1,547	64.2%
- with miRBase (Homo sapiens)	180,346	3.0%	121,350	67.3%

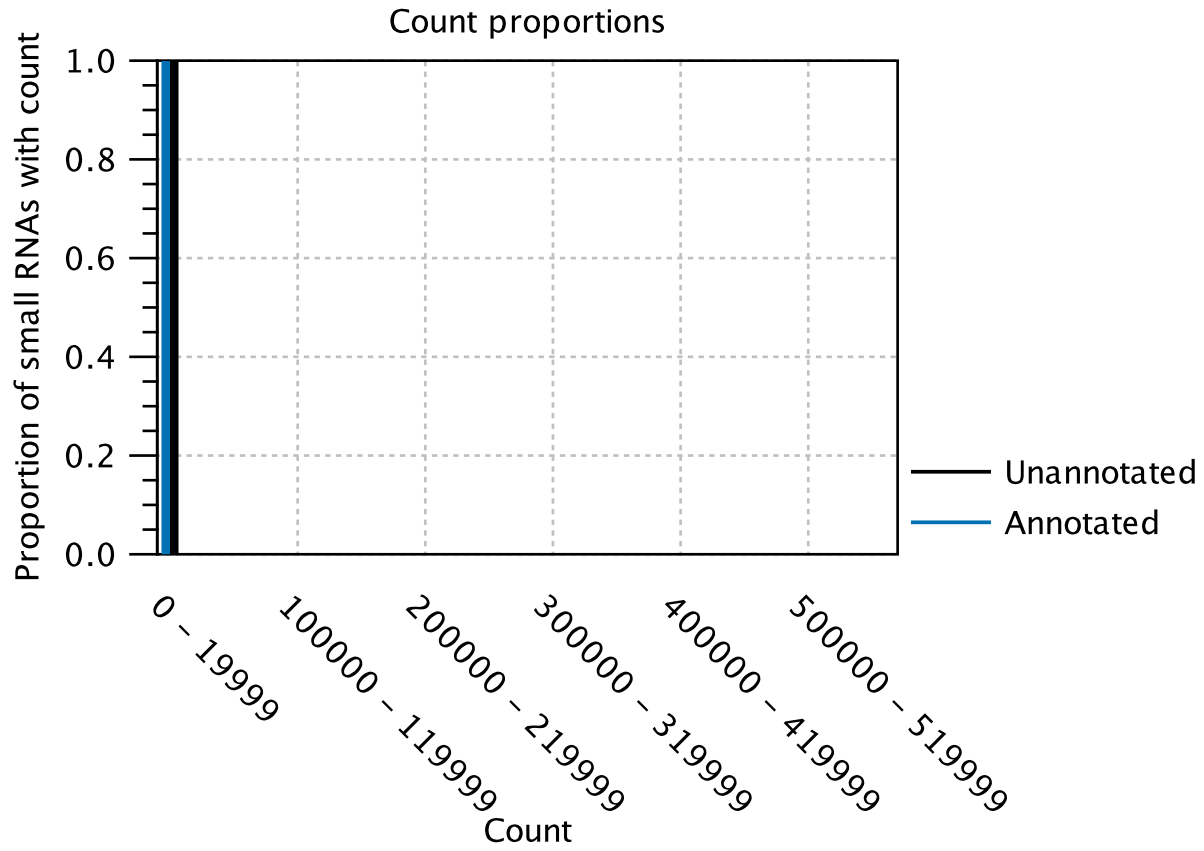
Annotation	Count	Percentage	Perfect matches	%
Unannotated	11,668,202	66.0%		
Total	17,679,436	100.0%		

1 mismatch	%	2 mismatches	%
1,036,650	17.2%	620,545	10.3%
989,915	17.0%	607,423	10.4%
708	29.4%	153	6.4%
46,027	25.5%	12,969	7.2%

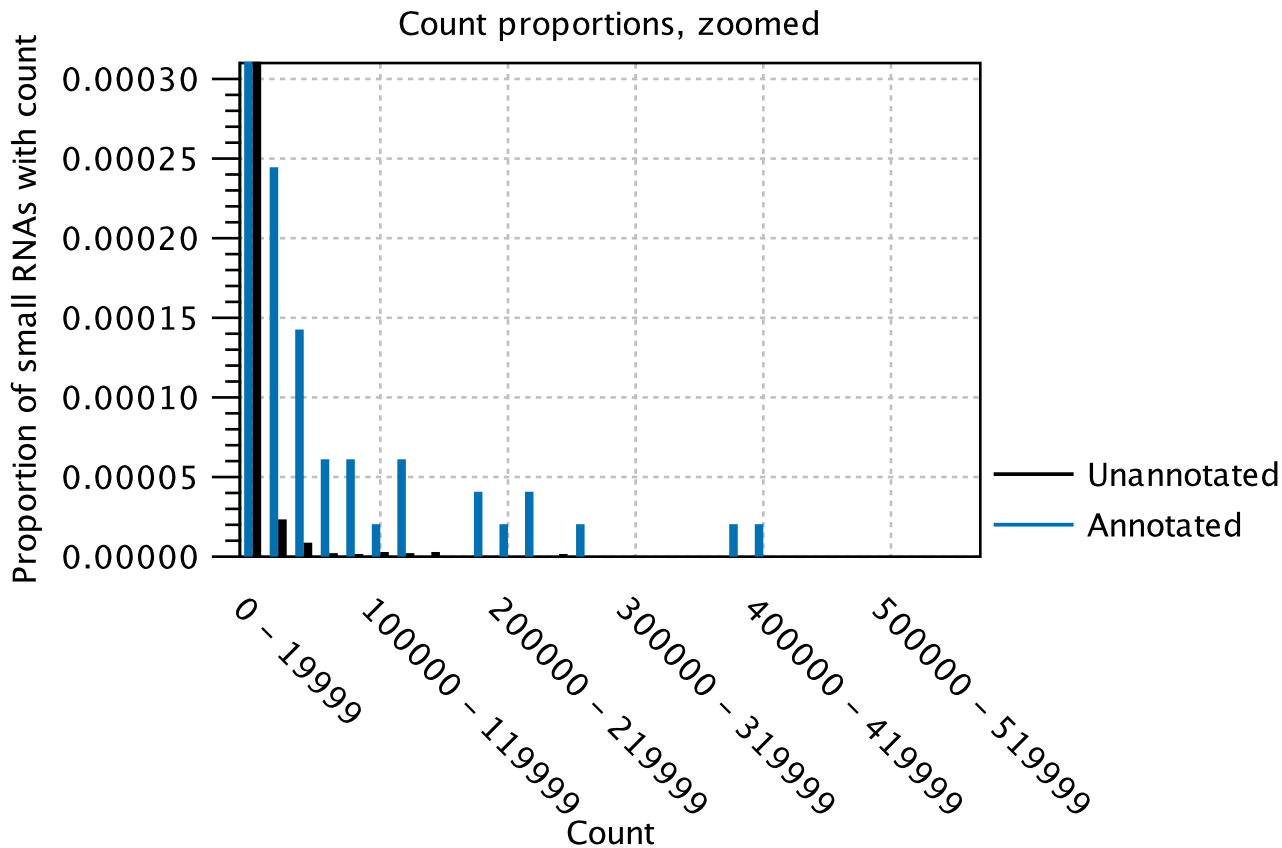
## 4. Small RNAs

Annotation	Count	Percentage
Annotated	49,072	3.5%
- with miRBase (Macaca mulatta)	41,407	84.4%
- with miRBase (Macaca nemestrina)	194	0.4%
- with miRBase (Homo sapiens)	7,471	15.2%
Unannotated	1,367,536	96.5%
Total	1,416,608	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	5,828,480	4,320,717	2,243,422	1,127,092
Macaca nemestrina	2,408	381	237	12
Homo sapiens	180,346	86,011	50,655	17,359

Organism	Mature 5' mutant variants	Non-mature total	Mature 3'	Precursor
Macaca mulatta	950,203	1,507,763	1,109,379	398,384
Macaca nemestrina	132	2,027	2,023	4
Homo sapiens	17,997	94,335	75,502	18,833