



## 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-SKM- RNA-SmRNA_S16_clip_R1 Small RNA sample	1,391,697	34,969	2.5%	6,368

Name	Percentage	Reads	Annotated	Percentage
RMI-2-OHS-SKM- RNA-SmRNA_S16_clip_R1 Small RNA sample	0.5%	18,130,036	4,170,233	23.0%

Name	Ambiguously annotated	Percentage
RMI-2-OHS-SKM- RNA-SmRNA_S16_clip_R1 Small RNA sample	1,247,216	6.9%

# 2. Resources

Resource	Sequences in resource	Sequences found	Percentage found
miRBase (Macaca mulatta)	619	398	64.3%
miRBase (Macaca nemestrina)	74	8	10.8%
miRBase (Homo sapiens)	1,881	369	19.6%

# 3. Reads

Annotation	Count	Percentage	Perfect matches	%
Annotated	4,170,233	23.0%	3,350,345	80.3%
- with miRBase (Macaca mulatta)	3,633,661	87.1%	2,909,754	80.1%
- with miRBase (Macaca nemestrina)	267,581	6.4%	223,875	83.7%
- with miRBase (Homo sapiens)	268,991	6.5%	216,716	80.6%

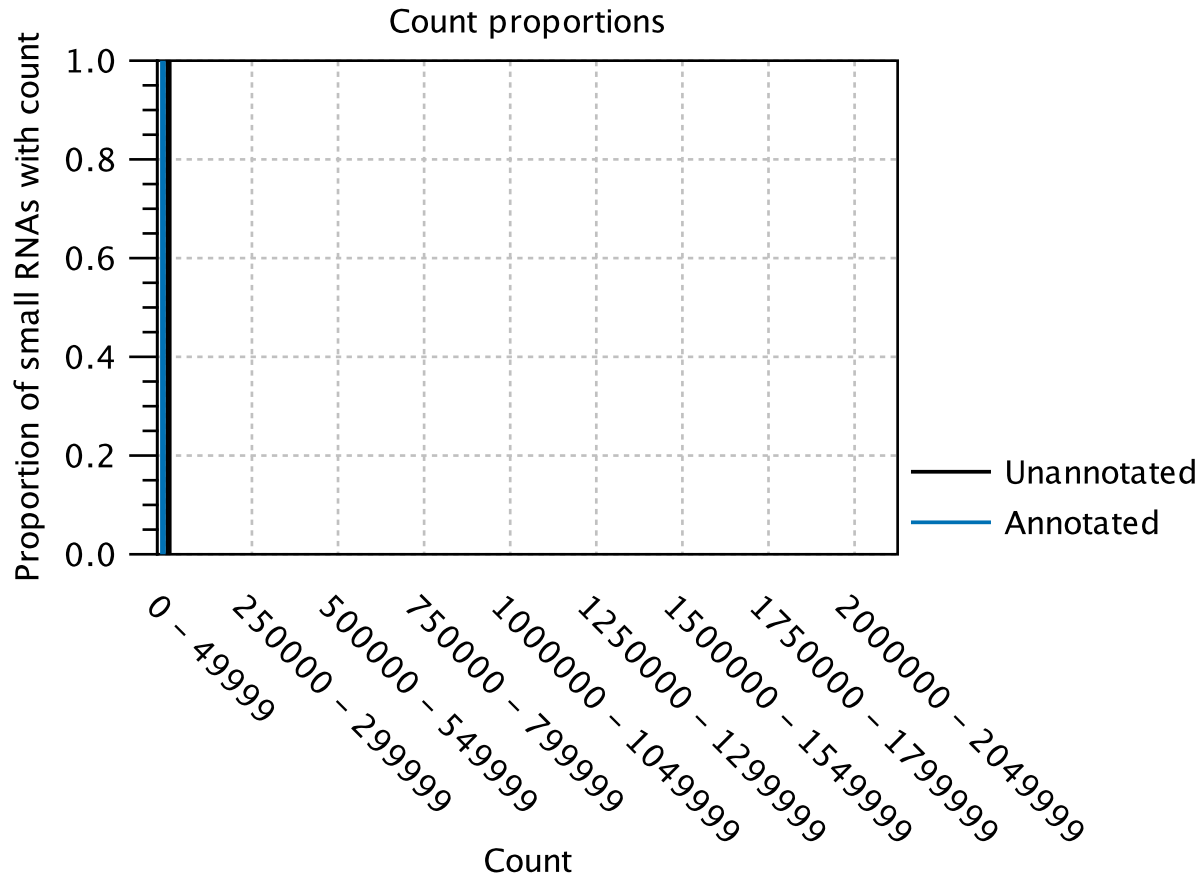
Annotation	Count	Percentage	Perfect matches	%
Unannotated	13,959,803	77.0%		
Total	18,130,036	100.0%		

1 mismatch	%	2 mismatches	%
645,201	15.5%	174,687	4.2%
574,546	15.8%	149,361	4.1%
33,761	12.6%	9,945	3.7%
36,894	13.7%	15,381	5.7%

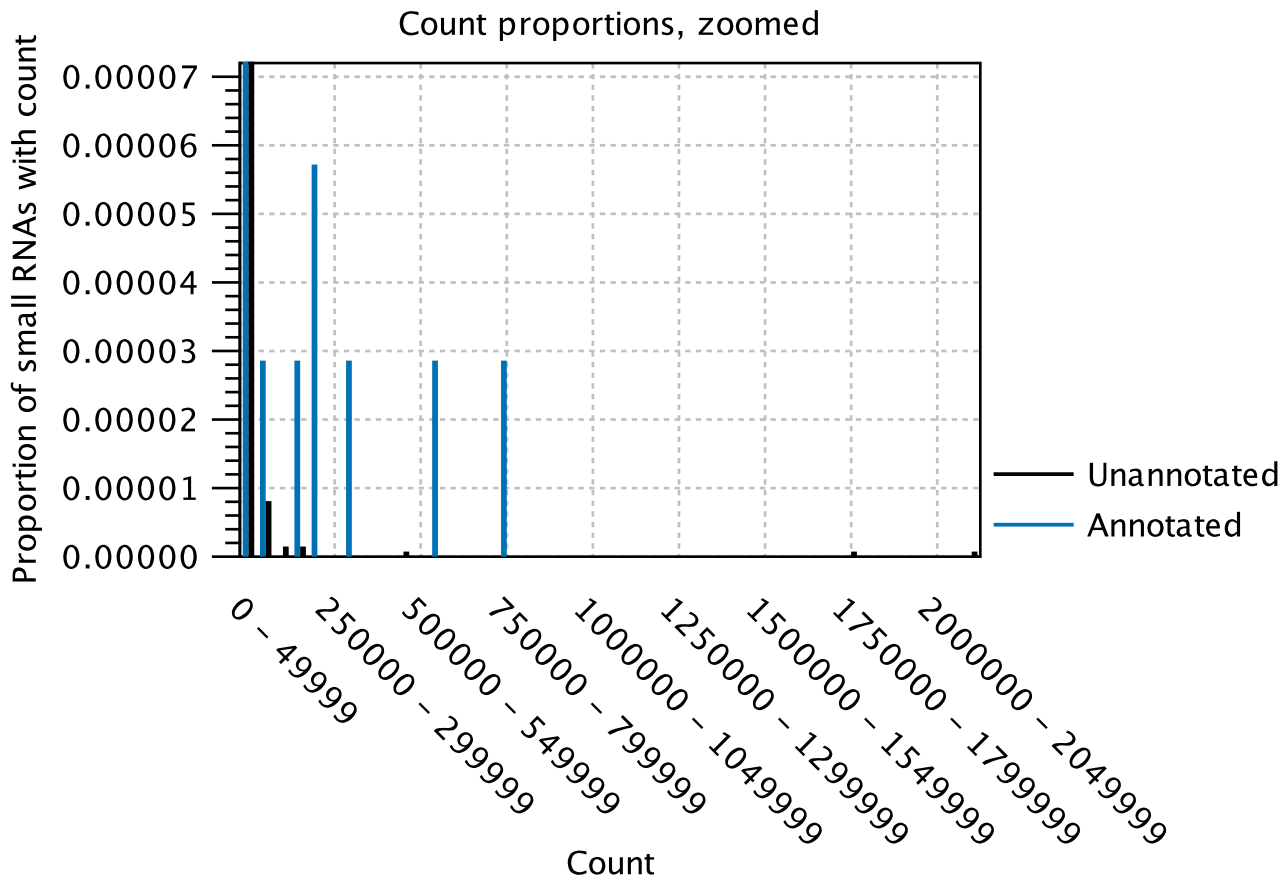
## 4. Small RNAs

Annotation	Count	Percentage
Annotated	34,969	2.5%
- with miRBase (Macaca mulatta)	27,763	79.4%
- with miRBase (Macaca nemestrina)	751	2.1%
- with miRBase (Homo sapiens)	6,455	18.5%
Unannotated	1,356,728	97.5%
Total	1,391,697	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	3,633,661	1,150,973	487,218	400,449
Macaca nemestrina	267,581	234,394	207,632	1,359
Homo sapiens	268,991	55,000	33,583	4,726

Organism	Mature 5' mutant variants	Non-mature total	Mature 3'	Precursor
Macaca mulatta	263,306	2,482,688	2,408,101	74,587
Macaca nemestrina	25,403	33,187	33,179	8
Homo sapiens	16,691	213,991	202,991	11,000