

**Table S3. Looking into the real counts of two selected microRNAs discussed in the ‘Method Validation’ section.**

## DE-2

bbm	baseMean	log2FC	lfcSE	stat	pvalue	padj	EH01	EH02	EH03	EH04	EH05	EH06	EH07	EH08	EH09	EH10	EH11	EH12	EH13	EH14	EH15	EH16	EH17	E01	E02	E03	E04	E06	E07	E08	E09	E10	E11	E12	E13	E14	E15		
hsa-miR-193b-5p	3.484	-1.606	0.361	-4.451	8.54E-06	8.60E-03	1	3	4	4	4	3	1	6	7	7	3	2	5	4	5	6	3	3	2	0	0	0	0	0	0	1	0	1	1	1	0	0	1
hsa-miR-4668-5p	5.387	-1.635	0.297	-5.502	3.75E-08	7.55E-05	6	8	8	3	9	4	6	6	9	12	6	5	6	3	7	6	11	3	1	1	5	0	0	4	0	1	1	4	1	0	0	0	

[illegible][illegible][illegible][illegible]

## Mirbase

[illegible]

```
Accession      MIMAT0019745
Description    hsa-miR-4668-5p mature miRNA

Sequence

1 - AGGGAAAAAAAAAGGAUUUGUC - 23

Hairpin

-A      A      G      gu  c  g
  GGGAAA  AAAAAGGAUUU  UCuu  ag  cag  a
  |||||  |||||  |||  ||  |||
  CCUUUU  UUUUUCUAAA  AGaa  uu  guu  u
GA      G      -      au  u  a

AGGGAAAAAAAAAGGAUUUGUCuuguagccaggauauuguuuuuuuuuGAAAUCCUUUUUGUUUUUCCAG
.(((((((.(((((((((((.(((.(.(((.(...)))..))..))))))))))))..))))))..
```

## Distribution of reads

Sample number : 85

Name	Molecule counts	Negative samples	Range per sample
miR-193b-5p	410	9	0-28
miR-193b-3p	339	18	0-63
miR-4668-5p	3	83	0-2
miR-4668-3p	0	85	NA

### Motif per read

<b>Name</b>	<b>Dominant motif</b>	<b>Very rare</b>
miR-193b-5p	CGGGGTTTTGAGGGCGAGATGA	TTTGGAGGGCGAGATGA
miR-193b-3p	AACTGGCCCTCAAAGTCCCGCT	CGGGGTTTTGAGGGCGAGAT ACTGGCCCTCAAAGTCCCGCT AACTGGCCCTCAAAGTCCCGC
miR-4668-5p	AGGGAAAAAAAAAAGGATTGT	/
miR-4668-3p	/	/