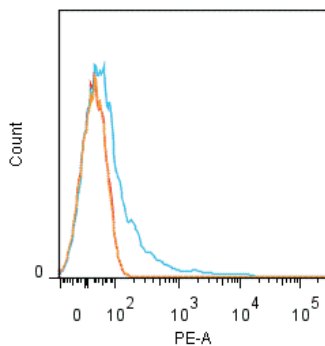





FIGURE S1

A



	Sample Name
	CD71 unsorted.fcs
	CD71 positive.fcs
	CD71 negative.fcs

B

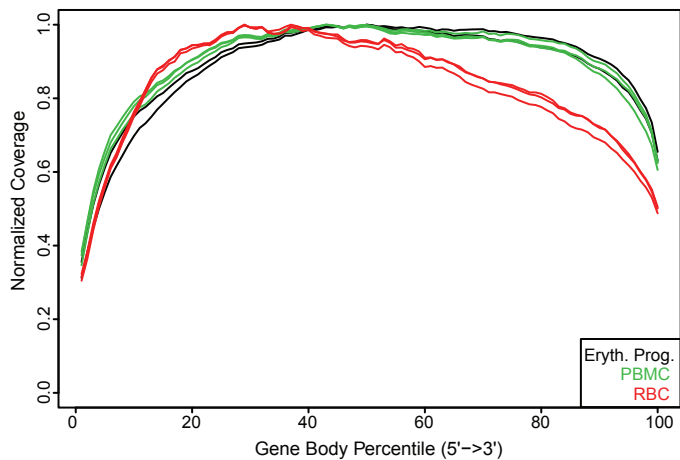
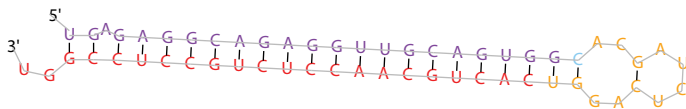


FIGURE S2

chr22:20012651..20012708:-

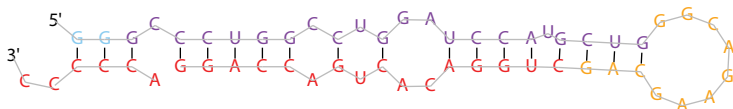
Reads	Star Sequence	Mature MicroRNA Sequence	Reads
3	CTGAGAGGCAGAGGTTGCAG	CACTGCAACCTCTGCCTCCGG	86
4	CTGAGAGGCAGAGGTTGCAGT	CACTGCAACCTCTGCCTCCGGTA	87
4	CTGAGAGGCAGAGGTTGCAGTG	CACTGCAACCTCTGCCTCCGGA	123
	ttgaacCTGAGAGGCAGAGGTTGCAGTG	CACTGCAACCTCTGCCTCCGGT	304
	Gcagcatctcagg	CACTGCAACCTCTGCCTCCGGT	tattcaa



Relative Genomic Location	miRDeep score	Total Reads per sample				
		Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Intron, TANGO2	660	0	1269	0	0	403

chr7:1538188..1538248:-

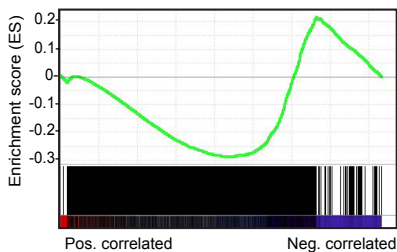
Reads	Star Sequence	Mature MicroRNA Sequence	Reads
1	GCCCTGGCCTGGATCCATGCTG	CTGGACACTGACCAGGACCCCT	16
	ggggGCCCTGGCCTGGATCCATGCTG	CTGGACACTGACCAGGACCCCT	30
	ggcagaagcag	CTGGACACTGACCAGGACCCCG	2
		TGGACACTGACCAGGACCCCCag	



Relative Genomic Location	miRDeep score	Total Reads per sample				
		Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Intron, EGFL1	1.6	0	112	17	0	49

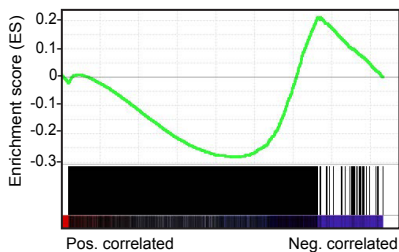
FIGURE S3

hsa-miR-486-5p



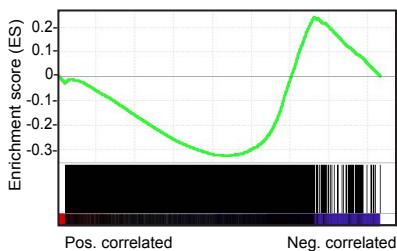
Number genes with targets: 4961 nominal p-value: 1
FDR q-value: 1

hsa-miR-92a-3p



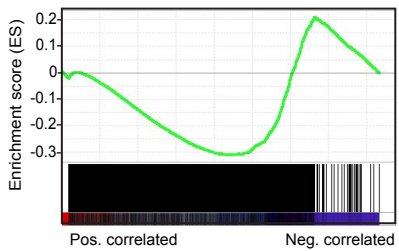
Number genes with targets: 4773 nominal p-value: 1
FDR q-value: 1

hsa-miR-16-5p



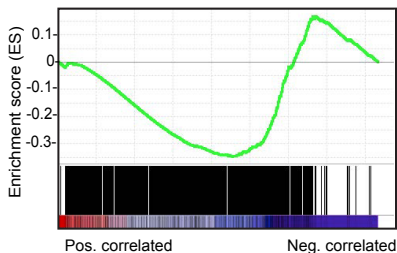
Number genes with targets: 6787 nominal p-value: 1
FDR q-value: 1

hsa-let-7a/f



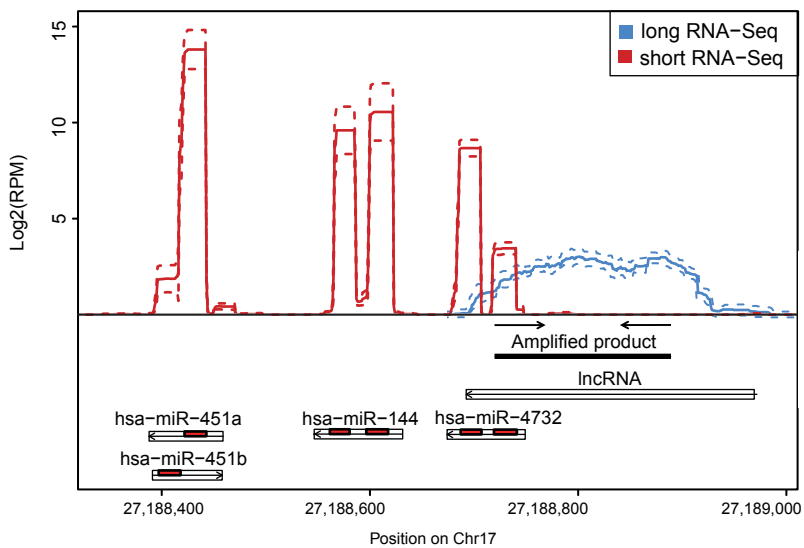
Number genes with targets: 4074 nominal p-value: 1
FDR q-value: 1

hsa-miR-451



Number genes with targets: 1129 nominal p-value: 1
FDR q-value: 1

FIGURE S4



lncRNA		GAPDH	
+ RT	- RT	+ RT	- RT

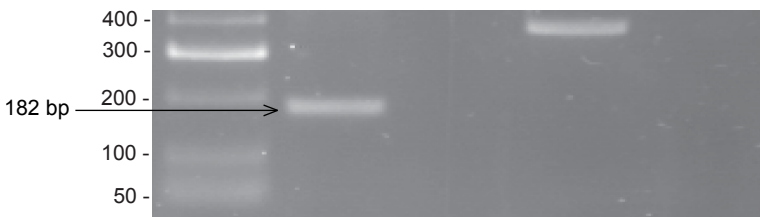


FIGURE S5

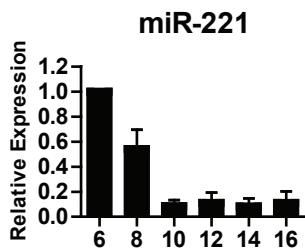
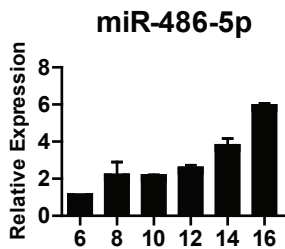


FIGURE S6

miR-451a

Human	AAACCGTTACCATTACTGAGTT
Chimpanzee	AAACCGTTACCATTACTGAGTT
Gorilla	AAACCGTTACCATTACTGAGTT
Orangutan	AAACCGTTACCATTACTGAGTT
Macaque	AAACCGTTACCATTACTGAGTT
Mouse Lemur	AAACCGTTACCATTACTGAGTT
Rat	AAACCGTTACCATTACTGAGTT
Mouse	AAACCGTTACCATTACTGAGTT
Rabbit	AAACCGTTACCATTACTGAGTT
Cow	AAACCGTTACCATTACTGAGTT
Dog	AAACCGTTACCATTACTGAGTT
Cat	AAACCGTTACCATTACTGAGTT
Horse	AAACCGTTACCATTACTGAGTT
Chicken	AAACCGTTACCATTACTGAGTT

miR-144-3p

Human	TACAGTATAGATGATGTACT
Chimpanzee	TACAGTATAGATGATGTACT
Gorilla	TACAGTATAGATGATGTACT
Orangutan	TACAGTATAGATGATGTACT
Macaque	TACAGTATAGATGATGTACT
Mouse Lemur	TACAGTATAGATGATGTACT
Rat	TACAGTATAGATGATGTACT
Mouse	TACAGTATAGATGATGTACT
Rabbit	TACAGTATAGATGATGTACT
Cow	TACAGTATAGATGATGTACT
Dog	TACAGTATAGATGATGTACT
Cat	TACAGTATAGATGATGTACT
Horse	TACAGTATAGATGATGTACT
Chicken	TACAGTATAGATGATGTACT

miR-144-5p

Human	GGATATCA TCATATACTGTAAG
Chimpanzee	GGATATCA TCATATACTGTAAG
Gorilla	GGATATCA TCATATACTGTAAG
Orangutan	GGATATCA TCATATACTGTAAG
Macaque	GGATATCA TCATATACTGTAAG
Mouse Lemur	GGATATCA TCATATACTGTAAG
Rat	GGATATCA TCATATACTGTAAG
Mouse	GGATATCA TCATATACTGTAAG
Rabbit	GGATATCA TCATATACTGTAAG
Cow	GGATATCA TCATATACTGTAAG
Dog	GGATATCA TCATATACTGTAAG
Cat	GGATATCA TCATATACTGTAAG
Horse	GGATATCA TCATATACTGTAAG
Chicken	GGATATCA TCATATACTGTAAG