

miR399-1

miR399-2

miR399-3

miR399-4

miR399b

miR399e-1

miR399e-2

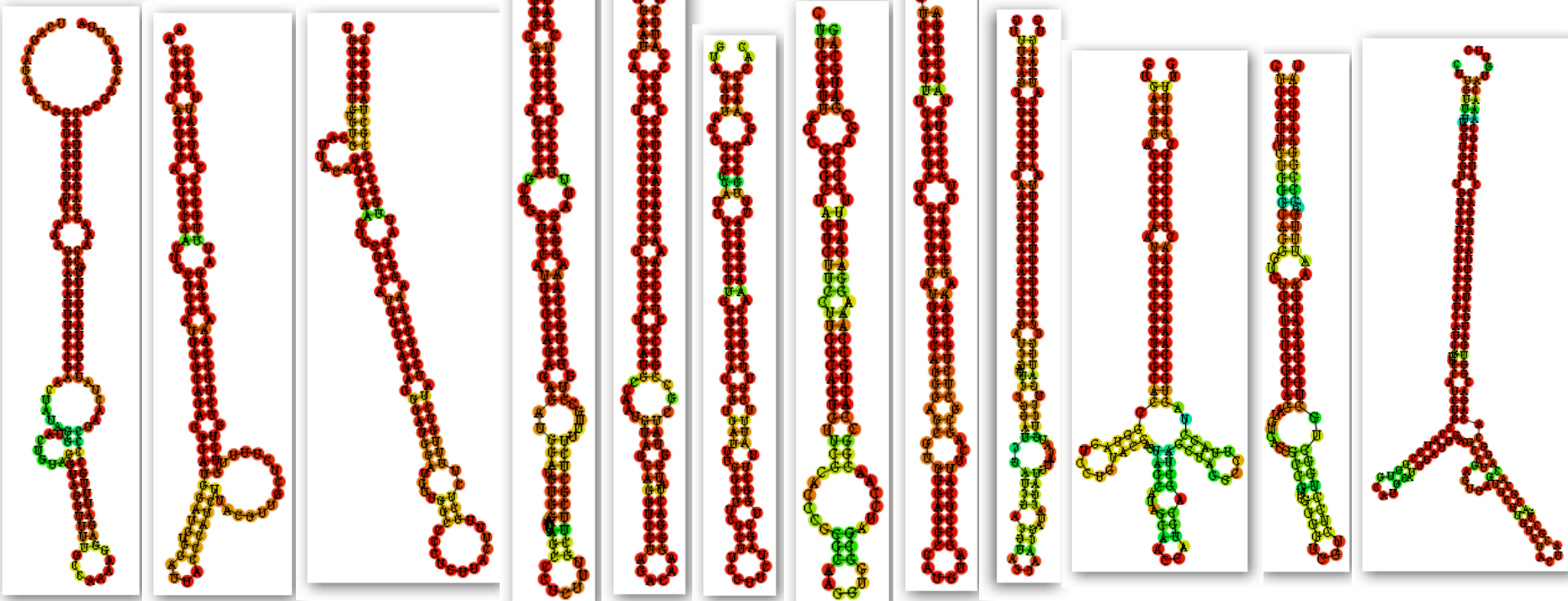
miR399c

miR399d  
(Barke)

miR399d  
(Morex)

miR399k

hvu-MIR827



Supplemental Figure 1

hvu-MIR399-1

P sufficient	read count
TCAGAAGAAGCTAGGTAGATTGCCAAAGGAGATTGCCGAAGTATAGGTACTGTAGGTAGGTTTGGCCAAAAGGAGATTGCCCGAAGTATCGGTAGGTTTGCCAAAGGAGATTGCCCGAAGAACTTA	6
.....(((((((.....((((((((((((.....((((((((((((.....))	
	TGCCAAAGGAGATTGCCCG 4
	TGCCAAAGGAGATTGCCCG 1
GGAGATTGCCGAAGTATAGGT	1
P deficient	168 (total count)
TCAGAAGAAGCTAGGTAGATTGCCAAAGGAGATTGCCGAAGTATAGGTACTGTAGGTAGGTTTGGCCAAAAGGAGATTGCCCGAAGTATCGGTAGGTTTGCCAAAGGAGATTGCCCGAAGAACTTA	
.....(((((((.....((((((((((((.....((((((((((((.....))	
	TGCCAAAGGAGATTGCCCG 123
	AAGGAGATTGCCCG 4
	TGCCAAAGGAGATTGCC 4
TGCCAAAGGAGATTGCC	4
	AAGGAGATTGCCCG 4
	TGCCAAAGGAGATTGCC 4
TATAGGTACTGTAGGTAGGTT	3
ACTATAGGTACTGTAGGTAGGTT	3
	TGCCAAAGGAGATTGCC 2
	TGCCAAAGGAGATTGCC 2
TGCCAAAGGAGATTGCC	2
AGAAGAAGCTAGGTAGATTGC	2
TCAGAAGAAGCTAGGTAGATTGC	2
TGCCAAAGGAGATTGCCAA	2
	TGCCAAAGGAGATTGCCCGAA 1
	TGCCAAAGGAGATTGCCCGA 1
	TGCCAAAGGAGATTGCCCG 1
	GCCAAAGGAGATTGCCCG 1
	TGCCAAAGGAGATTGCCCG 1
	TGCCAAAGGAGATTGCCCG 1
	TGCCAAAGGAGATTGCCCG 1
	TGCCAAAGGAGATTGCCCG 1
	TGCCAAAGGAGATTGCCCG 1
	AGGAGATTGCCCGAAGTAT 1
	GTACTGTAGGTAGGTTTGGCCAA 1
	GTACTGTAGGTAGGTTTGGCAA 1
	GTACTGTAGGTAGGTTTGGCC 1
AACTATAGGTACTGTAGGTAGG	1

Supplemental Figure 2

# miR827

Read count

```

                    TTTTGTGGTTGTCATCTAACC                                (169)
5'
--- T          T          T          TT  A  -
  C TGTTT GTTGGT GTCATCTAACCATCATCG  CC TCTG
  | ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
  G ACAA CGACTA CAGTAGATTGGTAGTAGT  GG AGAC
CTT T          -          C          --  C  A
3'
                    ACAA-CGACTACCAGTAGATT                                (8935)

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# miR827 (alt)

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                    TTGTCATCTAACCATCATCG                                (2)
5'
--- T          T          T          TT  A  -
  C TGTTT GTTGGT GTCATCTAACCATCATCG  CC TCTG
  | ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
  G ACAA CGACTA CAGTAGATTGGTAGTAGT  GG AGAC
CTT T          -          C          --  C  A
3'
                    CTACCAGTAGATTGGTAGTA                                (10)

```



