

SEQUENCE LISTING

<110> Redvault Biosciences, LP
 METZKER, MICHAEL L
 WEIER, CHRISTOPHER A

<120> Target Reporter Constructs and Uses Thereof

<130> REDV.P0003WO

<150> 62346334
 <151> 2016-06-06

<160> 15

<170> PatentIn version 3.5

<210> 1
 <211> 71
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> miR-let-7a TRC

<400> 1
 tagttcgccc tacctccaca tcctccacaa gctatcccc gaactataca acctactacc 60
 tcaccgttgt a 71

<210> 2
 <211> 9
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> miR-let-7a TRC Toehold

<400> 2
 ctactacct 9

<210> 3
 <211> 13
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> miR-let-7a TRC Switch Stem

<400> 3
 cgaactatac aac 13

<210> 4
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> miR-let-7a TRC Probe(s) or other externally functional sequences

 <400> 4
 cctacctcca catcctccac aagctatccc 30

 <210> 5
 <211> 71
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> miR-let-7g TRC

 <400> 5
 tagttcgccc tacctccaca tcctccacaa gctatcccc gaactataca aactactacc 60
 tcaccgttgt a 71

 <210> 6
 <211> 63
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> miR-21 TRC

 <400> 6
 gttgacgtcc ctttccttcc actccttccc gtcaacatca gtctgataag ctactccact 60
 gat 63

 <210> 7
 <211> 122
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> multi-loop miR-21 TRC

 <400> 7
 gttgacgtca attaattaag ccctttcctt ccactcttaa ttaattgtct taattaattg 60
 ccctttcctt ccactcaatt aattaagtcg tcaacatcag tctgataagc tactccactg 120

at	122
<210> 8	
<211> 22	
<212> RNA	
<213> Artificial Sequence	
<220>	
<223> miR-let-7a	
<400> 8	
ugagguagua gguuguauag uu	22
<210> 9	
<211> 22	
<212> RNA	
<213> Artificial Sequence	
<220>	
<223> miR-let-7g	
<400> 9	
ugagguagua guuuguauag uu	22
<210> 10	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> miR-let-7a complementary sequence	
<400> 10	
actccatcat ccaacatatc aa	22
<210> 11	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> miR-let-7g complementary sequence	
<400> 11	
actccatcat caaacatatc aa	22
<210> 12	
<211> 14	
<212> DNA	

<213> Artificial Sequence
 <220>
 <223> Palindrome Bridge Sequence
 <400> 12
 aaaaaaattt tttt 14

<210> 13
 <211> 14
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Palindrome Bridge Sequence
 <400> 13
 tttttttaaa aaaa 14

<210> 14
 <211> 11
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Low Complexity Bridge Sequence
 <400> 14
 ggcccgggcc g 11

<210> 15
 <211> 112
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> TRC
 <400> 15
 cagatatcac cctacctcca catcctccac aagctatccc tgatatctgg cggcctcctc 60
 ccgaactata caacctacta cctcaccgtt gtatagttcg cttcgtggcc gc 112