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<150> US 61/750,086
<151> 2013-01-08

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gcagatgggt ttgatggcat tgtagaactg ccgcctactg cctcggactt caacaattgt 120

tttt 124

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<220>
<223> miR-P-10 structure

<400> 120
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tgtgaagcag atgggttaga tctcgtcgga ggcatggcgc ctactgcctc ggacttcaac 120

aattgttttt aagctt 136

<210> 121
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<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-1

<400> 121
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tgtgaagcag atgggttaca tgaaggagtc ttggcagcgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 122
<211> 136
<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-2 structure

<400> 122
ggatccgcta gcggtatatt gctgttgaca gtgagcgaaa catctacctg gtgctagaac 60

tgtgaagcag atgggttcta gcaccaggta gatgttccgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 123
<211> 136
<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-3 structure

<400> 123
ggatccgcta gcggtatatt gctgttgaca gtgagcgagg tgctagatgg atcagacaac 60

tgtgaagcag atgggttgtc tgatccatct agcaccacgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 124
<211> 136
<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-4 structure

<400> 124
ggatccgcta gcggtatatt gctgttgaca gtgagcgact agatggatca gacagcatac 60

tgtgaagcag atgggtatgc tgtctgatcc atctagccgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 125

<211> 136
<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-5 structure

<400> 125
ggatccgcta gcggtatatt gctgttgaca gtgagcgaga ggattatctg gatgtctaac 60

tgtgaagcag atgggttaga catccagata atcctcccgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 126
<211> 136
<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-6 structure

<400> 126
ggatccgcta gcggtatatt gctgttgaca gtgagcgatc tctgagtctc tgtggcatac 60

tgtgaagcag atgggtatgc cacagagact cagagaccgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 127
<211> 136
<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-7 structure

<400> 127
ggatccgcta gcggtatatt gctgttgaca gtgagcgagc tgtggtgtct gagtacttac 60

tgtgaagcag atgggtaagt actcagacac cacagcccgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 128
<211> 136
<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-8 structure

<400> 128
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tgtgaagcag atgggtaaac agagctttga tatcctgcgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 129
<211> 136
<212> DNA
<213> Artificial Sequence

<220>
<223> miR-C-9 structure

<400> 129
ggatccgcta gcggtatatt gctgttgaca gtgagcgacg gaaggaggtc tacatcaaac 60

tgtgaagcag atgggtttga tgtagacctc cttccgacgc ctactgcctc ggacttcaag 120

gtacctttt aagctt 136

<210> 130
<211> 31
<212> RNA
<213> Artificial Sequence

<220>
<223> Artificial primer (qRT PCR RNA)

<400> 130
uggguuaugu ggguggggugu gucuaccgcc u 31

<210> 131
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificial primer (qRT PCR)

<400> 131
tatgtgggtg ggtgtgtcta c 21

<210> 132
<211> 470
<212> DNA
<213> Artificial Sequence

<220>
<223> U6-miR-7 - DNA construct

<400> 132
cctaaggccc agtggaaaga cgcgcaggca aaacgcacca cgtgacggag cgtgaccgcg 60

cgccgagcgc gcgccaaggt cgggcaggaa gagggcctat ttcccatgat tccttcatat 120

ttgcatatac gatacaaggc tgttagagag ataattagaa ttaatttgac tgtaaacaca 180

aagatattag tacaaaatac gtgacgtaga aagtaataat ttcttgggta gtttgcagtt 240

ttaaaattat gttttaaaat ggactatcat atgcttaccg taacttgaaa gtatttcgat 300

ttcttgggtt tatatatctt gtggaaagga cgcgggatcc ggtatattgc tgttgacagt 360

gagcgactgg gattcctgta gacacaactg tgaagcagat gggttgtgtc tacaggaatc 420

ccagacgcct actgcctcgg acttcaagct agcggtacct ttttaagctt 470

<210> 133
<211> 604
<212> DNA
<213> Artificial Sequence

<220>
<223> VDM2-miR-7 - DNA construct

<400> 133
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ctcctccttc ctggagagtt cctggcacag aagttgaagc tcagcacagc cccctaaccc 120

ccaactctct ctgcaaggcc tcaggggtca gaacactggt ggagcagatc ctttagcctc 180

tggattttag ggccatggta gaggggggtgt tgccctaaat tccagccctg gtctcagccc 240

aacaccctcc aagaagaaat tagaggggcc atggccaggc tgtgctagcc gttgcttctg 300

agcagattac aagaagggac taagacaagg actcctttgt ggaggtcctg gcttagggag 360

tcaagtgacg gcggctcagc actcacgtgg gcagtgccag cctctaagag tgggcagggg 420

cactggccac agagtcccag ggagtcccac cagcctagtc gccagaccgg atccggtata 480

ttgctgttga cagtgagcga ctgggattcc tgtagacaca actgtgaagc agatgggttg 540

tgtctacagg aatcccagac gcctactgcc tcggacttca agctagcggt acctttttaa 600

gctt 604

<210> 134
<211> 477
<212> DNA
<213> Artificial Sequence

<220>
<223> ICAM2-miR-7 - DNA construct

<400> 134
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gcacacgtct catacacgca tgcgtgcacc cattgcctgc cccgcccctt gcacagggag 120

tcagcaggga ggactgggtt atgccctgct tatcagcagc ttcccagctt cctctgcctg 180

gattcttaga ggcctggggt cctagaacga gctggtgcac gtggcttccc aaagatctct 240

cagataatga gaggaaatgc agtcatcagt ttgcagaagg ctagggattc tgggccatag 300

ctcagacctg cgcccaccat ctccctccag gcagcccttg gggatccggt atattgctgt 360

tgacagtgag cgactgggat tcctgtagac acaactgtga agcagatggg ttgtgtctac 420

aggaatccca gacgcctact gcctcggact tcaagctagc ggtacctttt taagctt 477

<210> 135
<211> 984
<212> DNA
<213> Artificial Sequence

<220>
<223> RPE65-miR-7 - DNA construct

<400> 135
cctaaggttc caaggacttc tttgggcagt accttgtctg tgctggcaag caactgagac 60

ttaatgaaag agtattggag atatgaatga attgatgctg tatactctca gagtgccaaa 120

catataccaa tggacaagaa ggtgaggcag agagcagaca ggcattagtg acaagcaaag 180

atatgcagaa tttcattctc agcaaatcaa aagtcctcaa cctggttgga agaatattgg 240

cactgaatgg tatcaataag gttgctagag agggttagag gtgcacaatg tgcttccata 300

acattttata cttctccaat cttagcacta atcaaacatg gttgaatact ttgtttacta 360

taactcttac agagttataa gatctgtgaa gacagggaca gggacaatac ccatctctgt 420

ctggttcata ggtggtatgt aatagatatt tttaaaaata agtgagttaa tgaatgaggg 480

tgagaatgaa ggcacagagg tattaggggg aggtgggccc cagagaatgg tgccaaggtc 540

cagtggggtg actgggatca gctcaggcct gacgctggcc actcccacct agctcctttc 600

tttctaatct gttctcattc tccttgggaa ggattgaggt ctctggaaaa cagccaaaca 660

actgttatgg gaacagcaag cccaaataaa gccaagcatc agggggatct gagagctgaa 720

agcaacttct gttccccctc cctcagctga aggggtgggg aagggctccc aaagccataa 780

ctccttttaa gggatttaga aggcataaaa aggcccctgg ctgagaactt ccttcttcat 840

tctgcagtgg atccggtata ttgctgttga cagtgagcga ctgggattcc tgtagacaca 900

actgtgaagc agatgggttg tgtctacagg aatcccagac gcctactgcc tcggacttca 960

agctagcggt acctttttaa gctt 984

<210> 136
<211> 426
<212> DNA
<213> Artificial Sequence

<220>
<223> FLT-miR-7 - DNA construct

<400> 136
cctaagggcg ctcccgggcc cgcgtcgcca gcacctcccc acgcgcgctc ggccccgggc 60

cacccgccct cgtcggcccc cgcccctctc cgtagccgca gggaagcgag cctgggagga 120

agaagagggt aggtggggag gcggatgagg ggtgggggac cccttgacgt caccagaagg 180

aggtgccggg gtaggaagtg ggctggggaa aggttataaa tcgcccccgc cctcggctgc 240

tcttcatcga ggtccgcggg aggctcggag cgcgccaggc ggacactcct ggatccggta 300

tattgctgtt gacagtgagc gactgggatt cctgtagaca caactgtgaa gcagatgggt 360

tgtgtctaca ggaatcccag acgcctactg cctcggactt caagctagcg gtacctttt 420

aagctt 426

<210> 137
<211> 577
<212> DNA
<213> Artificial Sequence

<220>
<223> U6-miR-7-MiR-V-7 - DNA construct

<400> 137
cctaaggccc agtggaaaga cgcgcaggca aaacgcacca cgtgacggag cgtgaccgcg 60

cgccgagcgc gcgccaaggt cgggcaggaa gagggcctat ttcccatgat tccttcatat 120

ttgcatatac gatacaaggc tgttagagag ataattagaa ttaatttgac tgtaaacaca 180

aagatattag tacaaaatac gtgacgtaga aagtaataat ttcttgggta gtttgcagtt 240

ttaaaattat gttttaaaat ggactatcat atgcttaccg taacttgaaa gtatttcgat 300

ttcttgggtt tatatatctt gtggaaagga cgcgggatcc ggtatattgc tgttgacagt 360

gagcgactgg gattcctgta gacacaactg tgaagcagat gggttgtgtc tacaggaatc 420

ccagacgcct actgcctcgg acttcaagct agcggtaccg gtatattgct gttgacagtg 480

agcgaggagc atctcatctg ttacaactgt gaagcagatg ggttgtaaca gatgagatgc 540

tccacgccta ctgcctcgga cttcaatttt taagctt 577

<210> 138
<211> 705
<212> DNA
<213> Artificial Sequence

<220>
<223> VDM2-miR-7-miR-V-7 - DNA construct

<400> 138
cctaaggcat tctttccata gcccacaggg ctgtcaaaga ccccagggcc tagtcagagg 60

ctcctccttc ctggagagtt cctggcacag aagttgaagc tcagcacagc cccctaaccc 120

ccaactctct ctgcaaggcc tcaggggtca gaacactggt ggagcagatc ctttagcctc 180

tggattttag ggccatggta gaggggtgt tgccctaaat tccagccctg gtctcagccc 240

aacaccctcc aagaagaaat tagaggggcc atggccaggc tgtgctagcc gttgcttctg 300

agcagattac aagaagggac taagacaagg actcctttgt ggaggtcctg gcttagggag 360

tcaagtgacg gcggctcagc actcacgtgg gcagtgccag cctctaagag tgggcagggg 420

cactggccac agagtcccag ggagtcccac cagcctagtc gccagaccga tccggtatat 480

tgctgttgac agtgagcgac tgggattcct gtagacacaa ctgtgaagca gatgggttgt 540

gtctacagga atcccagacg cctactgcct cggacttcaa gctagcggta ccggtatatt 600

gctgttgaca gtgagcgagg agcatctcat ctgttacaac tgtgaagcag atgggttgta 660

acagatgaga tgctccacgc ctactgcctc ggacttcaaa agctt 705

<210> 139
<211> 578
<212> DNA
<213> Artificial Sequence

<220>
<223> ICAM2-miR-7-miR-V-7 - DNA construct

<400> 139
cctaaggatg ggatttgggg ttccccagat ctggggcttg taggcctgac tctcccctgt 60

gcacacgtct catacacgca tgcgtgcacc cattgcctgc cccgcccctt gcacagggag 120

tcagcaggga ggactgggtt atgccctgct tatcagcagc ttcccagctt cctctgcctg 180

gattcttaga ggcctggggt cctagaacga gctggtgcac gtggcttccc aaagatctct 240

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ctcagacctg cgcccaccat ctccctccag gcagcccttg ggatccggta tattgctgtt 360

gacagtgagc gactgggatt cctgtagaca caactgtgaa gcagatgggt tgtgtctaca 420

ggaatcccag acgcctactg cctcggactt caagctagcg gtaccggtat attgctgttg 480

acagtgagcg aggagcatct catctgttac aactgtgaag cagatgggtt gtaacagatg 540

agatgctcca cgcctactgc ctcggacttc aaaagctt 578

<210> 140
<211> 1085
<212> DNA
<213> Artificial Sequence

<220>
<223> RPE65-miR-7-miR-V-7 - DNA construct

<400> 140
cctaaggttc caaggacttc tttgggcagt accttgtctg tgctggcaag caactgagac 60

ttaatgaaag agtattggag atatgaatga attgatgctg tatactctca gagtgccaaa 120

catataccaa tggacaagaa ggtgaggcag agagcagaca ggcattagtg acaagcaaag 180

atatgcagaa tttcattctc agcaaatcaa aagtcctcaa cctggttgga agaatattgg 240

cactgaatgg tatcaataag gttgctagag agggttagag gtgcacaatg tgcttccata 300

acattttata cttctccaat cttagcacta atcaaacatg gttgaatact ttgtttacta 360

taactcttac agagttataa gatctgtgaa gacagggaca gggacaatac ccatctctgt 420

ctggttcata ggtggtatgt aatagatatt tttaaaaata agtgagttaa tgaatgaggg 480

tgagaatgaa ggcacagagg tattaggggg aggtgggccc cagagaatgg tgccaaggtc 540

cagtggggtg actgggatca gctcaggcct gacgctggcc actcccacct agctcctttc 600

tttctaatct gttctcattc tccttgggaa ggattgaggt ctctggaaaa cagccaaaca 660

actgttatgg gaacagcaag cccaaataaa gccaagcatc agggggatct gagagctgaa 720

agcaacttct gttccccctc cctcagctga aggggtgggg aagggctccc aaagccataa 780

ctccttttaa gggatttaga aggcataaaa aggcccctgg ctgagaactt ccttcttcat 840

tctgcagtga tccggtatat tgctgttgac agtgagcgac tgggattcct gtagacacaa 900

ctgtgaagca gatgggttgt gtctacagga atcccagacg cctactgcct cggacttcaa 960

gctagcggta ccggtatatt gctgttgaca gtgagcgagg agcatctcat ctgttacaac 1020

tgtgaagcag atgggttgta acagatgaga tgctccacgc ctactgcctc ggacttcaaa 1080

agctt 1085

<210> 141
<211> 421
<212> DNA
<213> Artificial Sequence

<220>
<223> FLT-miR-7-miR-V-7 - DNA construct

<400> 141

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cacccgccct cgtcggcccc cgcccctctc cgtagccgca gggaagcgag cctgggagga 120

agaagagggt aggtggggag gcggatgagg ggtgggggac cccttgacgt caccagaagg 180

aggtgccggg gtaggaagtg ggctggggaa aggttataaa tcgcccccgc cctcggctgc 240

tcttcatcga ggtccgcggg aggctcggag cgcgccaggc ggacactcct ggatccggta 300

tattgctgtt gacagtgagc gactgggatt cctgtagaca caactgtgaa gcagatgggt 360

tgtgtctaca ggaatcccag acgcctactg cctcggactt caagctagcg gtaccaagct 420

t 421

<210> 142
<211> 690
<212> DNA
<213> Artificial Sequence

<220>
<223> U6-miR-V-7-miR-C-8-miR-P9 - DNA construct

<400> 142
cctaaggccc agtggaaaga cgcgcaggca aaacgcacca cgtgacggag cgtgaccgcg 60

cgccgagcgc gcgccaaggt cgggcaggaa gagggcctat ttcccatgat tccttcatat 120

ttgcatatac gatacaaggc tgttagagag ataattagaa ttaatttgac tgtaaacaca 180

aagatattag tacaaaatac gtgacgtaga aagtaataat ttcttgggta gtttgcagtt 240

ttaaaattat gttttaaaat ggactatcat atgcttaccg taacttgaaa gtatttcgat 300

ttcttgggtt tatatatctt gtggaaagga cgcgggatcc ggtatattgc tgttgacagt 360

gagcgaggag catctcatct gttacaactg tgaagcagat gggttgtaac agatgagatg 420

ctccacgcct actgcctcgg acttcaagct agcggtatat tgctgttgac agtgagcgaa 480

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cctactgcct cggacttcaa ggtaccggta tattgctgtt gacagtgagc gacagttcta 600

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cctcggactt caacaattgt ttttaagctt 690

<210> 143
<211> 824
<212> DNA
<213> Artificial Sequence

<220>
<223> VDM2-miR-V-7-miR-C-8-miR-P-9 - DNA construct

<400> 143
cctaaggcat tctttccata gcccacaggg ctgtcaaaga ccccagggcc tagtcagagg 60

ctcctccttc ctggagagtt cctggcacag aagttgaagc tcagcacagc cccctaaccc 120

ccaactctct ctgcaaggcc tcaggggtca gaacactggt ggagcagatc ctttagcctc 180

tggattttag ggccatggta gaggggggtgt tgccctaaat tccagccctg gtctcagccc 240

aacaccctcc aagaagaaat tagaggggcc atggccaggc tgtgctagcc gttgcttctg 300

agcagattac aagaagggac taagacaagg actcctttgt ggaggtcctg gcttagggag 360

tcaagtgacg gcggctcagc actcacgtgg gcagtgccag cctctaagag tgggcagggg 420

cactggccac agagtcccag ggagtcccac cagcctagtc gccagaccgg atccggtata 480

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actgccgcct actgcctcgg acttcaacaa ttgtttttaa gctt 824

<210> 144
<211> 697
<212> DNA
<213> Artificial Sequence

<220>
<223> ICAM2-miR-V-7-miR-C-8-miR-P-9 - DNA construct

<400> 144
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gcacacgtct catacacgca tgcgtgcacc cattgcctgc cccgcccctt gcacagggag 120

tcagcaggga ggactgggtt atgccctgct tatcagcagc ttcccagctt cctctgcctg 180

gattcttaga ggcctggggt cctagaacga gctggtgcac gtggcttccc aaagatctct 240

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cctactgcct cggacttcaa caattgtttt taagctt 697

<210> 145
<211> 1204
<212> DNA
<213> Artificial Sequence

<220>
<223> RPE65-miR-V-7-miR-C-8-miR-P-9 - DNA construct

<400> 145
cctaaggttc caaggacttc tttgggcagt accttgtctg tgctggcaag caactgagac 60

ttaatgaaag agtattggag atatgaatga attgatgctg tatactctca gagtgccaaa 120

catataccaa tggacaagaa ggtgaggcag agagcagaca ggcattagtg acaagcaaag 180

atatgcagaa tttcattctc agcaaatcaa aagtcctcaa cctggttgga agaatattgg 240

cactgaatgg tatcaataag gttgctagag agggttagag gtgcacaatg tgcttccata 300

acattttata cttctccaat cttagcacta atcaaacatg gttgaatact ttgtttacta 360

taactcttac agagttataa gatctgtgaa gacagggaca gggacaatac ccatctctgt 420

ctggttcata ggtggtatgt aatagatatt tttaaaaata agtgagttaa tgaatgaggg 480

tgagaatgaa ggcacagagg tattaggggg aggtgggccc cagagaatgg tgccaaggtc 540

cagtggggtg actgggatca gctcaggcct gacgctggcc actcccacct agctcctttc 600

tttctaatct gttctcattc tccttgggaa ggattgaggt ctctggaaaa cagccaaaca 660

actgttatgg gaacagcaag cccaaataaa gccaagcatc agggggatct gagagctgaa 720

agcaacttct gttccccctc cctcagctga aggggtgggg aagggctccc aaagccataa 780

ctccttttaa gggatttaga aggcataaaa aggcccctgg ctgagaactt ccttcttcat 840

tctgcagtgg atccggtata ttgctgttga cagtgagcga ggagcatctc atctgttaca 900

actgtgaagc agatgggttg taacagatga gatgctccac gcctactgcc tcggacttca 960

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gggtttgatg gcattgtaga actgccgcct actgcctcgg acttcaacaa ttgtttttaa 1200

gctt 1204

<210> 146
<211> 646
<212> DNA
<213> Artificial Sequence

<220>
<223> FLT-miR-V-7-miR-C-8-miR-P-9 - DNA construct

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