A
Relative luciferase activity
FL/RL (normalized units)
Scale
2 kb
hg19
Control locus
Pu.1 enhancer locus as a positive control
miR-3180 locus
miR-3179 enhancer locus
miR-24-1 enhancer locus
miR-24-2 enhancer locus
miR-26a-1 enhancer locus
miR-339 enhancer locus
H3K4me1
H3K27ac
Insert
B
Chr9:
C9orf3
miR-24-1
FBP2
FBP1
FANCC
PTCH1
Ctrl
Pre-miR-24-1
Relative expression
C
Chr19:
CCDC130
ZSWIM4
NANOS3
C19orf57
CC2D1A
miR-24-2
C9orf53
D
Pre-miR-24-2
E
F
Ctrl
miR-24-1
TCF7L1
β-actin
MARK7
NDST1
G
NOMO3
miR-3179-2
PKD1P1
ABCC6
miR-3180-2
20kb
miR-3179 mimic
H
Cytoplasm
Nucleus
β-Tubulin
H3
Overexpression
miR-24-1
miR-24-2
miR-3179
miR-3180
miR-26a-1
miR-339
HEK293T
I
miR-24-1 overexpression
C
N
Oligos 0.5 fmole
22nt
tRNA
28S
18S
J
miR-24 Overexpression in Cytoplasm
miR-24 Overexpression in Nucleus
Relative Expression Normalized to GAPDH
Relative Expression Normalized to U6
Blank
Pre-miR-24-1
K
Pre-miR-24-2
L
miR-3179 Overexpression in Cytoplasm
miR-3179 Overexpression in Nucleus
Pre-miR-3179
M
miR-3180 Overexpression in Cytoplasm
miR-3180 Overexpression in Nucleus
Pre-miR-3180
N
miR-26a-1 Overexpression in Cytoplasm
miR-26a-1 overexpression in Nucleus
Pre-miR-26a-1
O
miR-339 Overexpression in Cytoplasm
miR-339 Overexpression in Nucleus
Pre-miR-339