A
DAPI
Mimic-miR-24-Cy
Merge
10μm
B
DAPI
Mimic-miR-24-Cy5
Merge
C
Pre-miR-24-1 + shCtrl
Pre-miR-24-1 + shAGO2#2
Relative expression (%)
AGO2
Relative expression
FBP1
FANCC
D
Pre-miR-24-1 + shCtrl
Pre-miR-24-1 + shAGO2#3
Relative expression (%)
AGO2
Relative expression
FBP1
FANCC
E
Pre-miR-3179-2
eRNA primer
Ctrl
Pre-miR-3179-2
Relative expression
F
Pre-miR-26a-1
eRNA primer
Ctrl
Pre-miR-26a-1
Relative expression
eRNA
G
Pre-miR-26a-1
eRNA primer
Ctrl
Pre-miR-339
Relative expression
eRNA
H
Ctrl
Pre-miR-24-1
Input (%)
AGO2
H3K9me3
H3K4me1
I
H3K4me1
H3K27ac
H3K4me3
NOMe-seq region
Occupancy percentage
Pre-miR-24-1
Ctrl
(bp)
miR-24-1 enhancer locus
J
H3K4me1
H3K27ac
H3K4me3
NOMe-seq region
Occupancy percentage
Pre-miR-24-1
Ctrl
(bp)
FBP1 promoter region
K
miR-24-1 FBP1 Promoter Region
(Nuclei + M.CviPI)
ReferenceSequence
GpC Methylation (Accessible)
GpC Unmethylation (Inaccessible)
L
Exogenous expression of miRNA
H3K27ac
H3K4me1
H3K9me3
Mature miRNA
P300
Pol II
Activate the endogenous miRNA
eRNA