FIG. 1

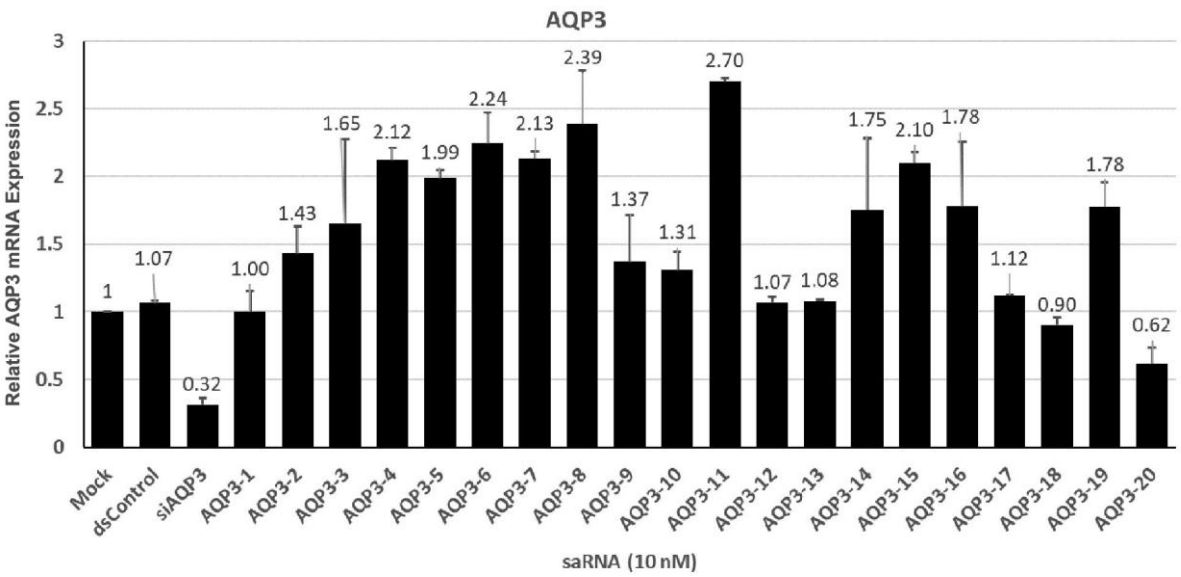

AQP3
Relative AQP3 mRNA Expression
3
2.5
2
1.5
1
0.5
0
1
1.07
0.32
1.00
1.43
1.65
2.12
1.99
2.24
2.13
2.39
1.37
1.31
2.70
1.07
1.08
1.75
2.10
1.78
1.12
0.90
1.78
0.62
Mock
dsControl
siAQP3
AQP3-1
AQP3-2
AQP3-3
AQP3-4
AQP3-5
AQP3-6
AQP3-7
AQP3-8
AQP3-9
AQP3-10
AQP3-11
AQP3-12
AQP3-13
AQP3-14
AQP3-15
AQP3-16
AQP3-17
AQP3-18
AQP3-19
AQP3-20
saRNA (10 nM)

FIG. 2

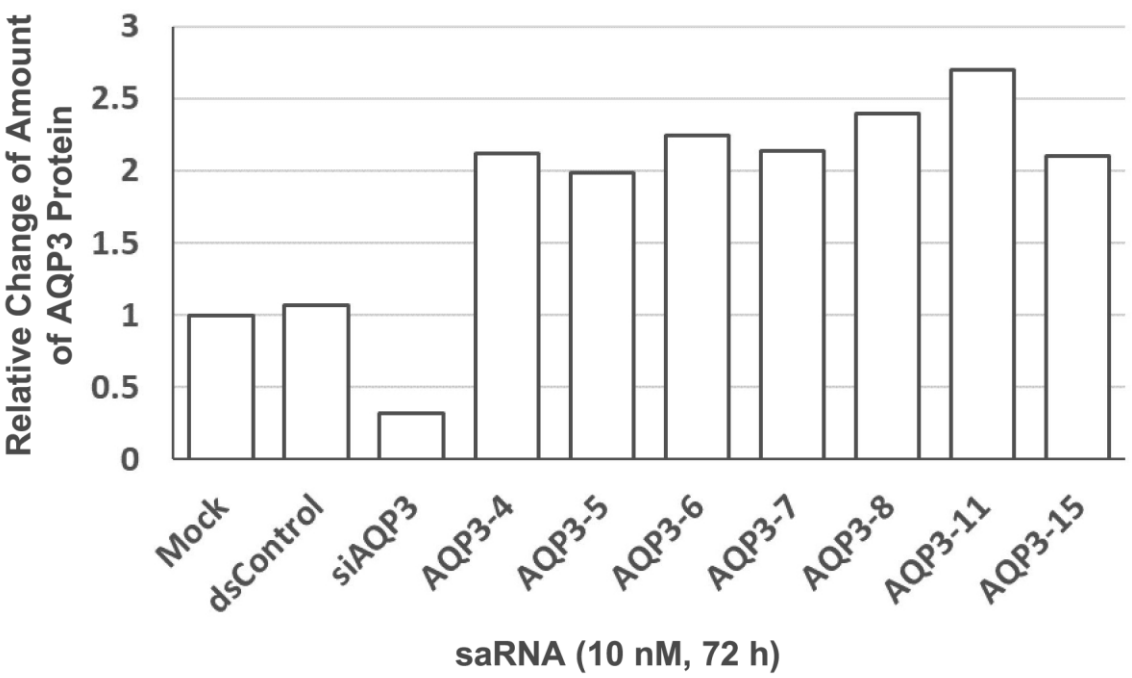

Relative Change of Amount of AQP3 Protein
3
2.5
2
1.5
1
0.5
0
Mock
dsControl
siAQP3
AQP3-4
AQP3-5
AQP3-6
AQP3-7
AQP3-8
AQP3-11
AQP3-15
saRNA (10 nM, 72 h)

FIG. 3

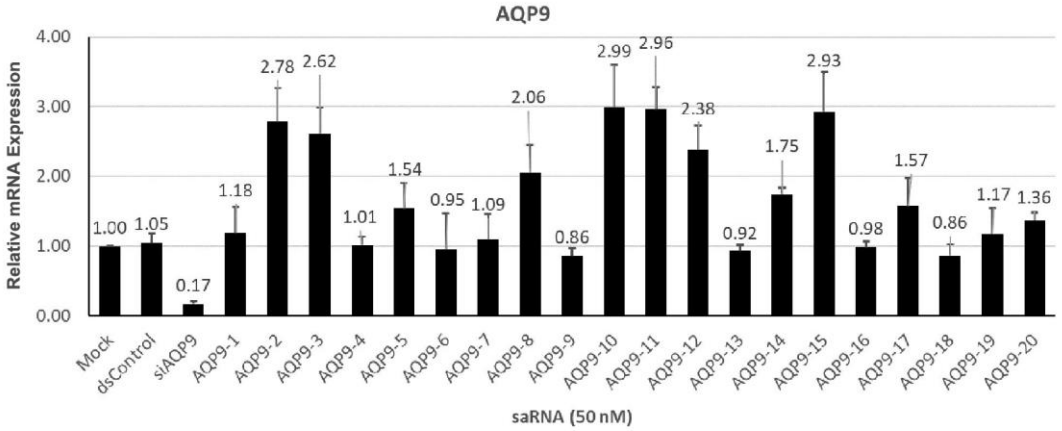


FIG. 4A

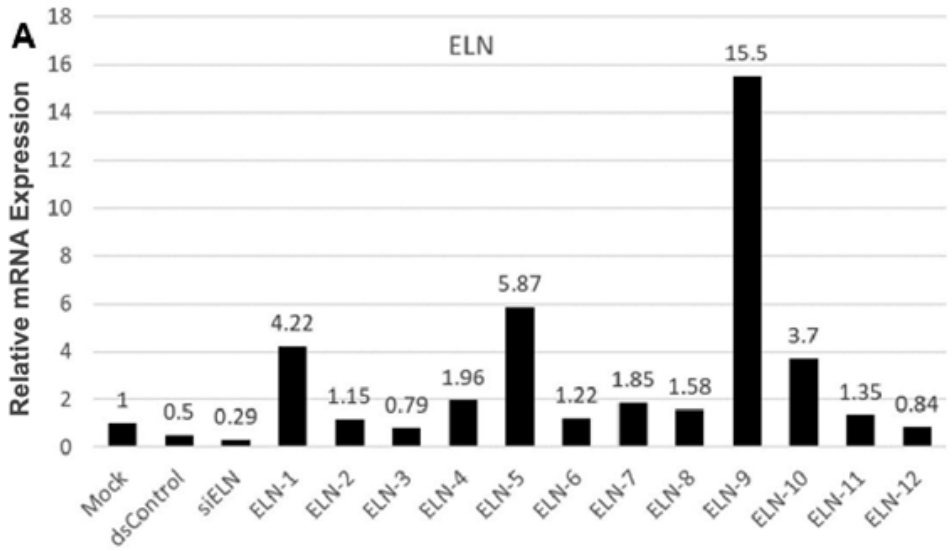


FIG. 4B

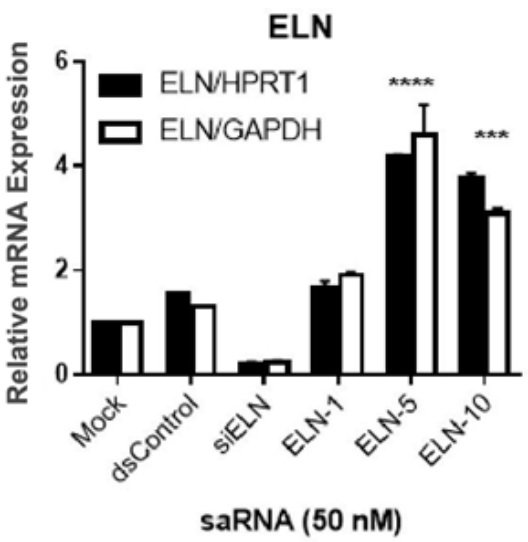


FIG. 4C

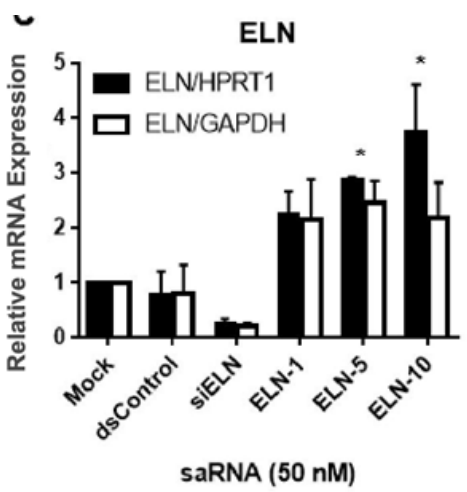


FIG. 5A

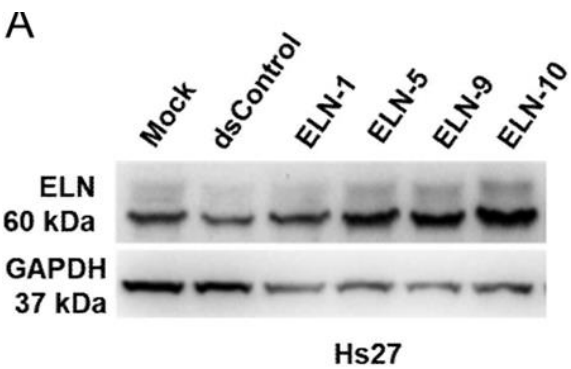


FIG. 5B

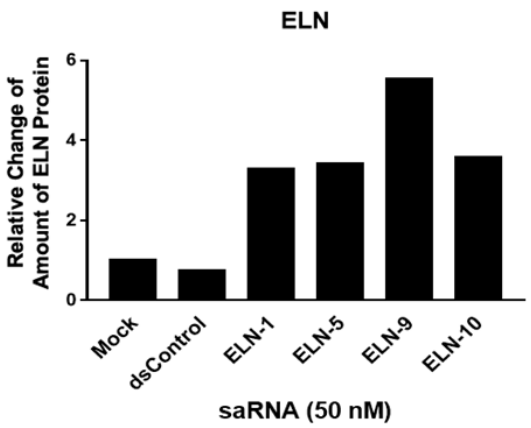


FIG. 6

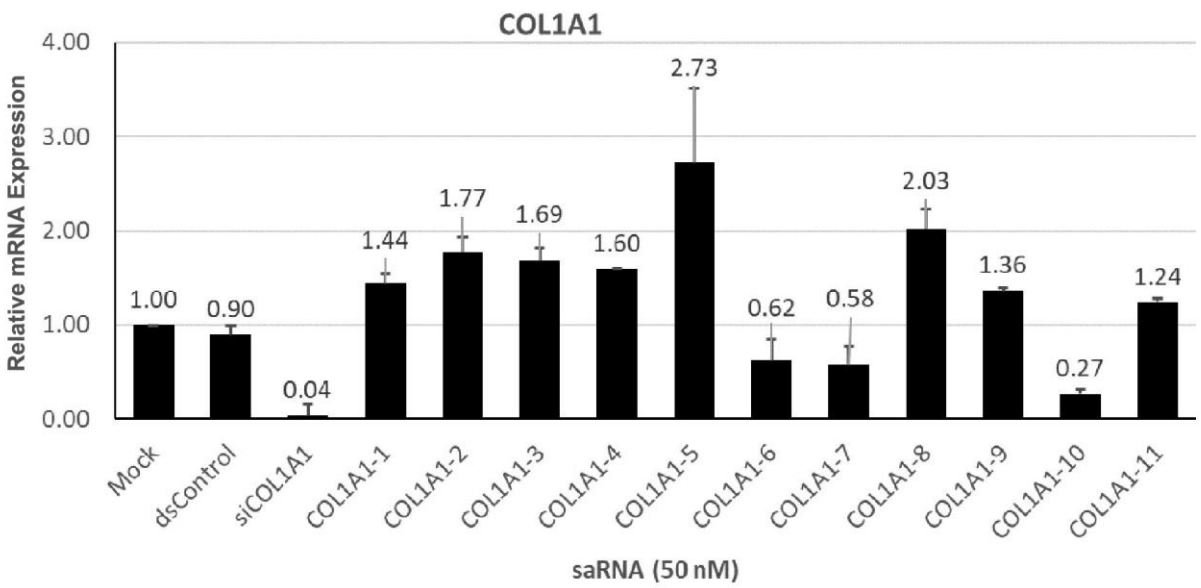


FIG. 7

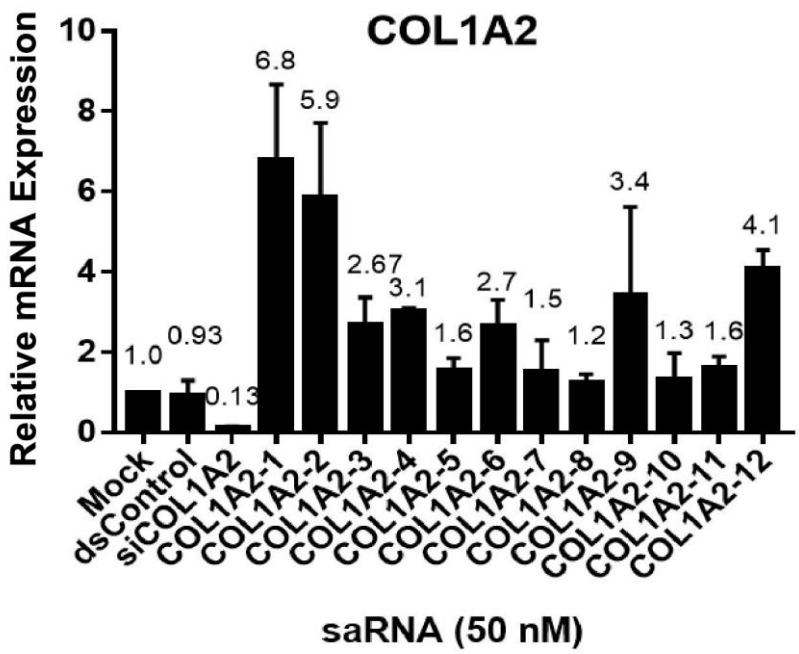

COL1A2
Relative mRNA Expression
10
8
6
4
2
0
1.0
0.93
0.13
6.8
5.9
2.67
3.1
1.6
2.7
1.5
1.2
3.4
1.3
1.6
4.1
Mock
dsControl
siCOL1A2
COL1A2-1
COL1A2-2
COL1A2-3
COL1A2-4
COL1A2-5
COL1A2-6
COL1A2-7
COL1A2-8
COL1A2-9
COL1A2-10
COL1A2-11
COL1A2-12
saRNA (50 nM)

FIG. 8

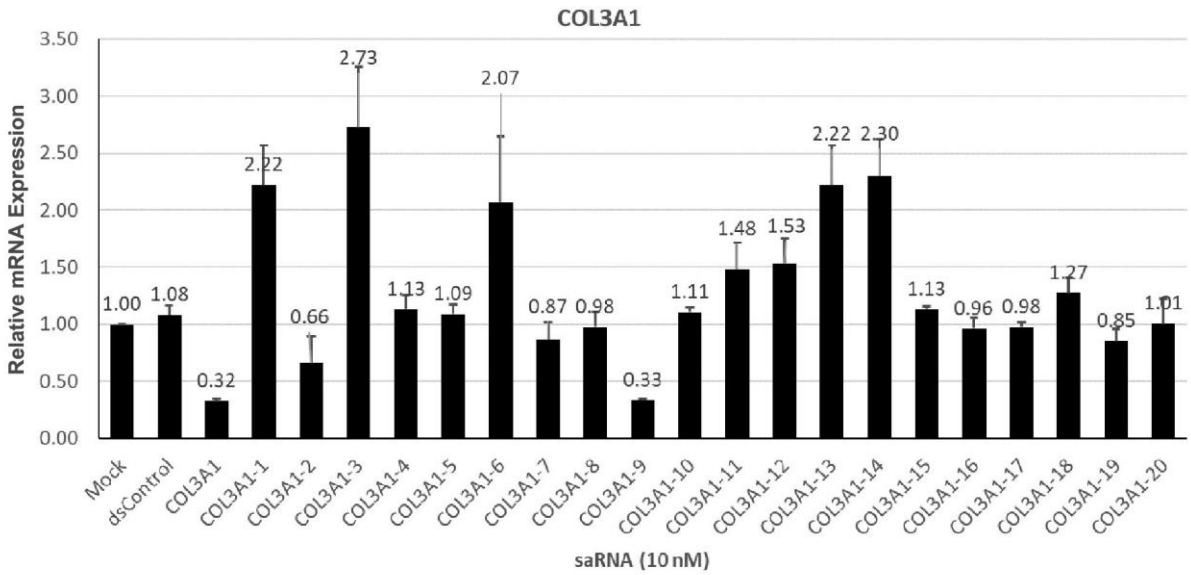

COL3A1
Relative mRNA Expression
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
1.00
1.08
0.32
2.22
0.66
2.73
1.13
1.09
2.07
0.87
0.98
0.33
1.11
1.48
1.53
2.22
2.30
1.13
0.96
0.98
1.27
0.85
1.01
Mock
dsControl
COL3A1
COL3A1-1
COL3A1-2
COL3A1-3
COL3A1-4
COL3A1-5
COL3A1-6
COL3A1-7
COL3A1-8
COL3A1-9
COL3A1-10
COL3A1-11
COL3A1-12
COL3A1-13
COL3A1-14
COL3A1-15
COL3A1-16
COL3A1-17
COL3A1-18
COL3A1-19
COL3A1-20
saRNA (10 nM)

FIG. 9

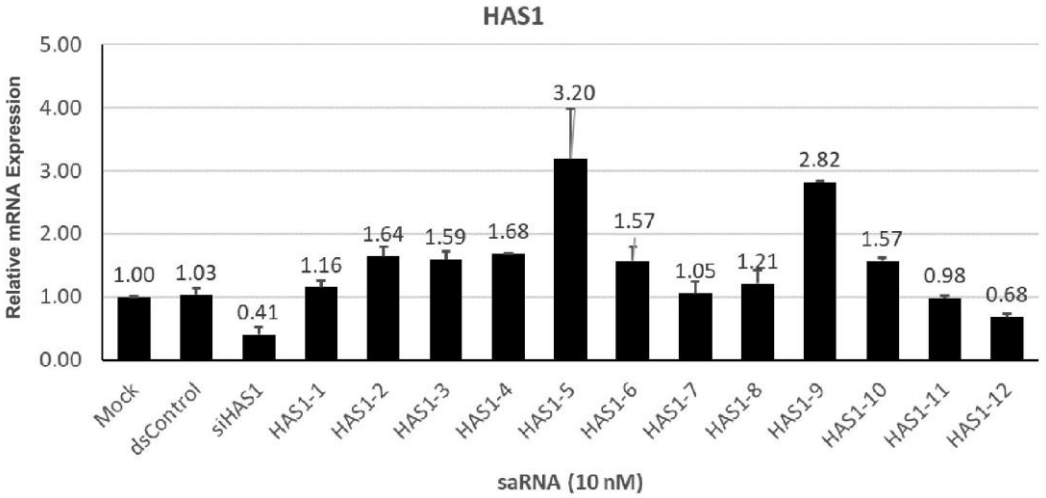


FIG. 10

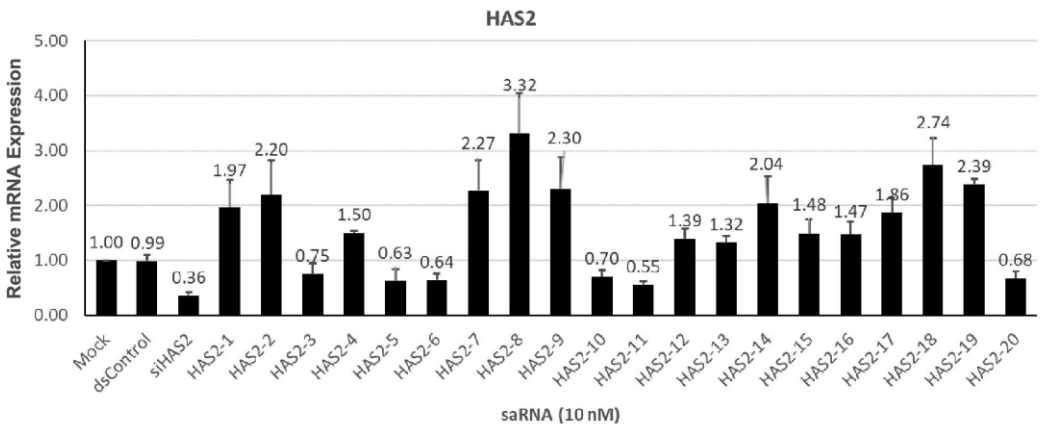


FIG. 11

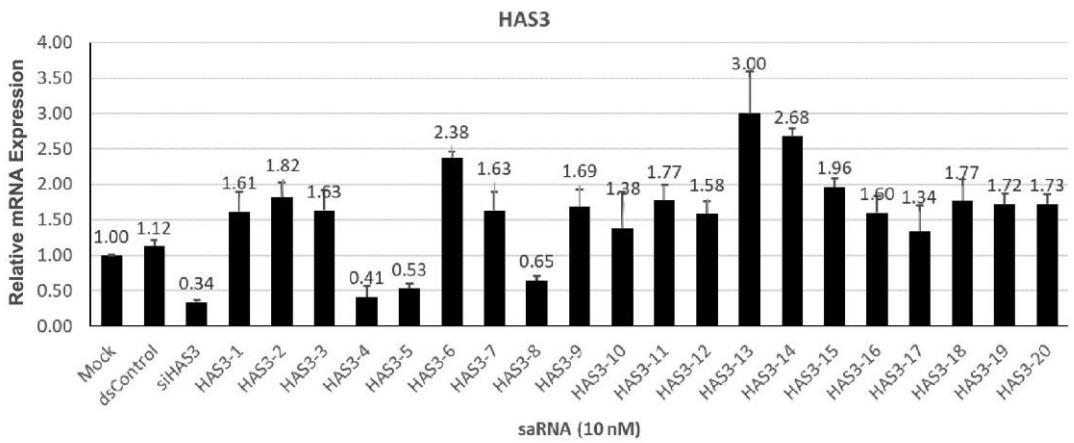


FIG. 12

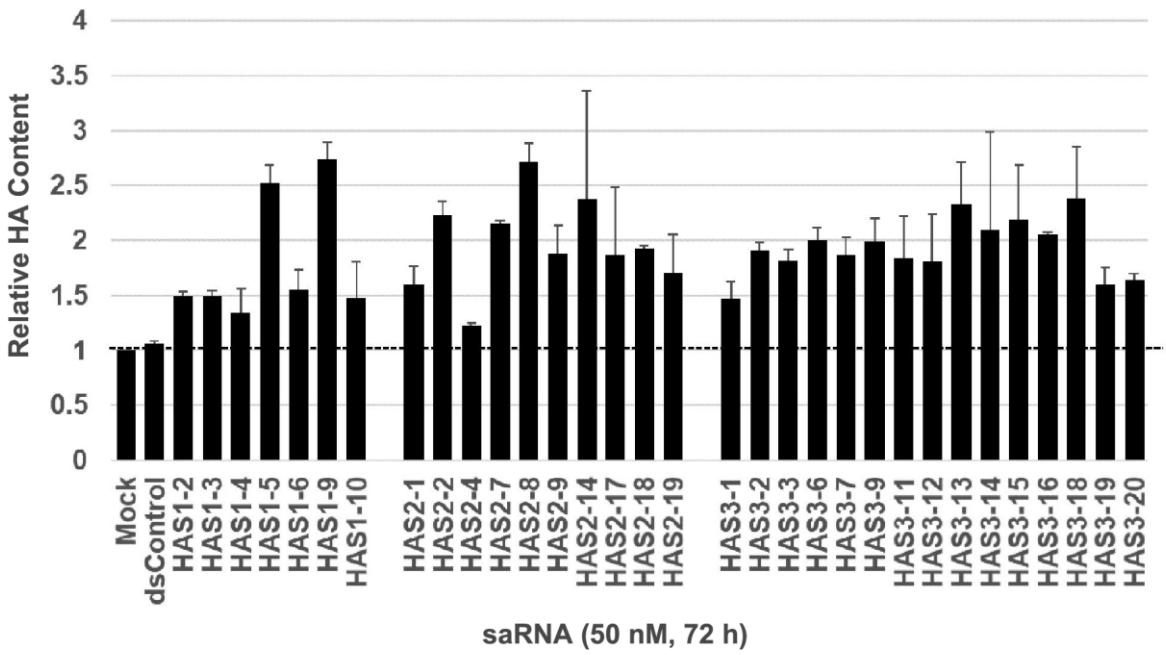
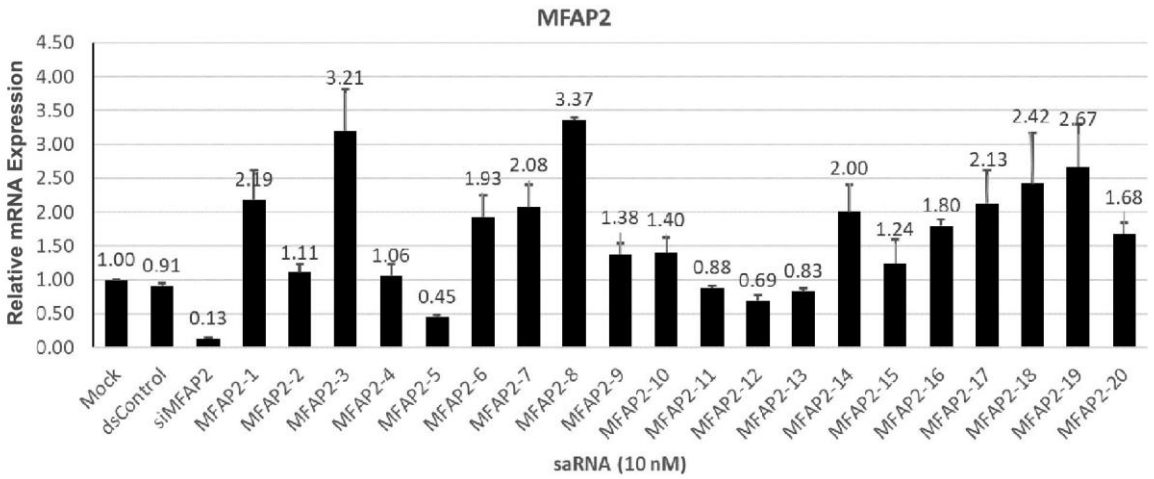

Relative HA Content
4
3.5
3
2.5
2
1.5
1
0.5
0
Mock
dsControl
HAS1-2
HAS1-3
HAS1-4
HAS1-5
HAS1-6
HAS1-9
HAS1-10
HAS2-1
HAS2-2
HAS2-4
HAS2-7
HAS2-8
HAS2-9
HAS2-14
HAS2-17
HAS2-18
HAS2-19
HAS3-1
HAS3-2
HAS3-3
HAS3-6
HAS3-7
HAS3-9
HAS3-11
HAS3-12
HAS3-13
HAS3-14
HAS3-15
HAS3-16
HAS3-18
HAS3-19
HAS3-20
saRNA (50 nM, 72 h)

FIG. 13


MFAP2
Relative mRNA Expression
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
1.00
0.91
0.13
2.19
1.11
3.21
1.06
0.45
1.93
2.08
3.37
1.38
1.40
0.88
0.69
0.83
2.00
1.24
1.80
2.13
2.42
2.67
1.68
Mock
dsControl
siMFAP2
MFAP2-1
MFAP2-2
MFAP2-3
MFAP2-4
MFAP2-5
MFAP2-6
MFAP2-7
MFAP2-8
MFAP2-9
MFAP2-10
MFAP2-11
MFAP2-12
MFAP2-13
MFAP2-14
MFAP2-15
MFAP2-16
MFAP2-17
MFAP2-18
MFAP2-19
MFAP2-20
saRNA (10 nM)