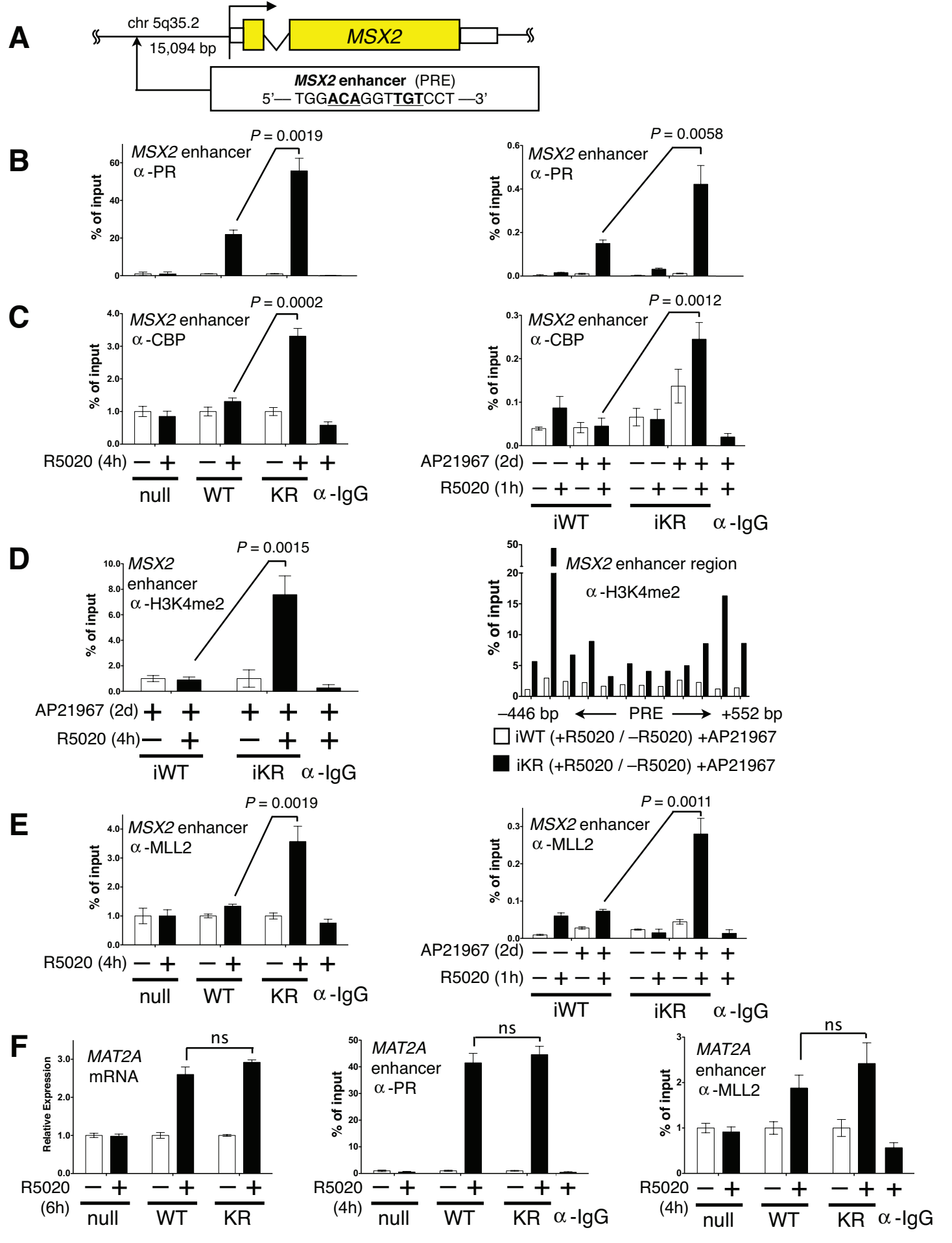
A
chr 5q35.2
15,094 bp
MSX2
MSX2 enhancer (PRE)
5'— TGGACAGGTTGTCCT —3'
B
P = 0.0019
MSX2 enhancer
α-PR
% of input
P = 0.0058
MSX2 enhancer
α-PR
% of input
C
P = 0.0002
MSX2 enhancer
α-CBP
% of input
R5020 (4h)
null
WT
KR
α-IgG
P = 0.0012
MSX2 enhancer
α-CBP
% of input
AP21967 (2d)
R5020 (1h)
iWT
iKR
α-IgG
D
P = 0.0015
MSX2
enhancer
α-H3K4me2
% of input
AP21967 (2d)
R5020 (4h)
iWT
iKR
α-IgG
MSX2 enhancer region
α-H3K4me2
% of input
–446 bp
PRE
+552 bp
iWT (+R5020 / –R5020) +AP21967
iKR (+R5020 / –R5020) +AP21967
E
P = 0.0019
MSX2 enhancer
α-MLL2
% of input
R5020 (4h)
null
WT
KR
α-IgG
P = 0.0011
MSX2 enhancer
α-MLL2
% of input
AP21967 (2d)
R5020 (1h)
iWT
iKR
α-IgG
F
ns
MAT2A
mRNA
Relative Expression
R5020
(6h)
null
WT
KR
ns
MAT2A
enhancer
α-PR
% of input
R5020
(4h)
null
WT
KR
α-IgG
ns
MAT2A
enhancer
α-MLL2
% of input
R5020
(4h)
null
WT
KR
α-IgG