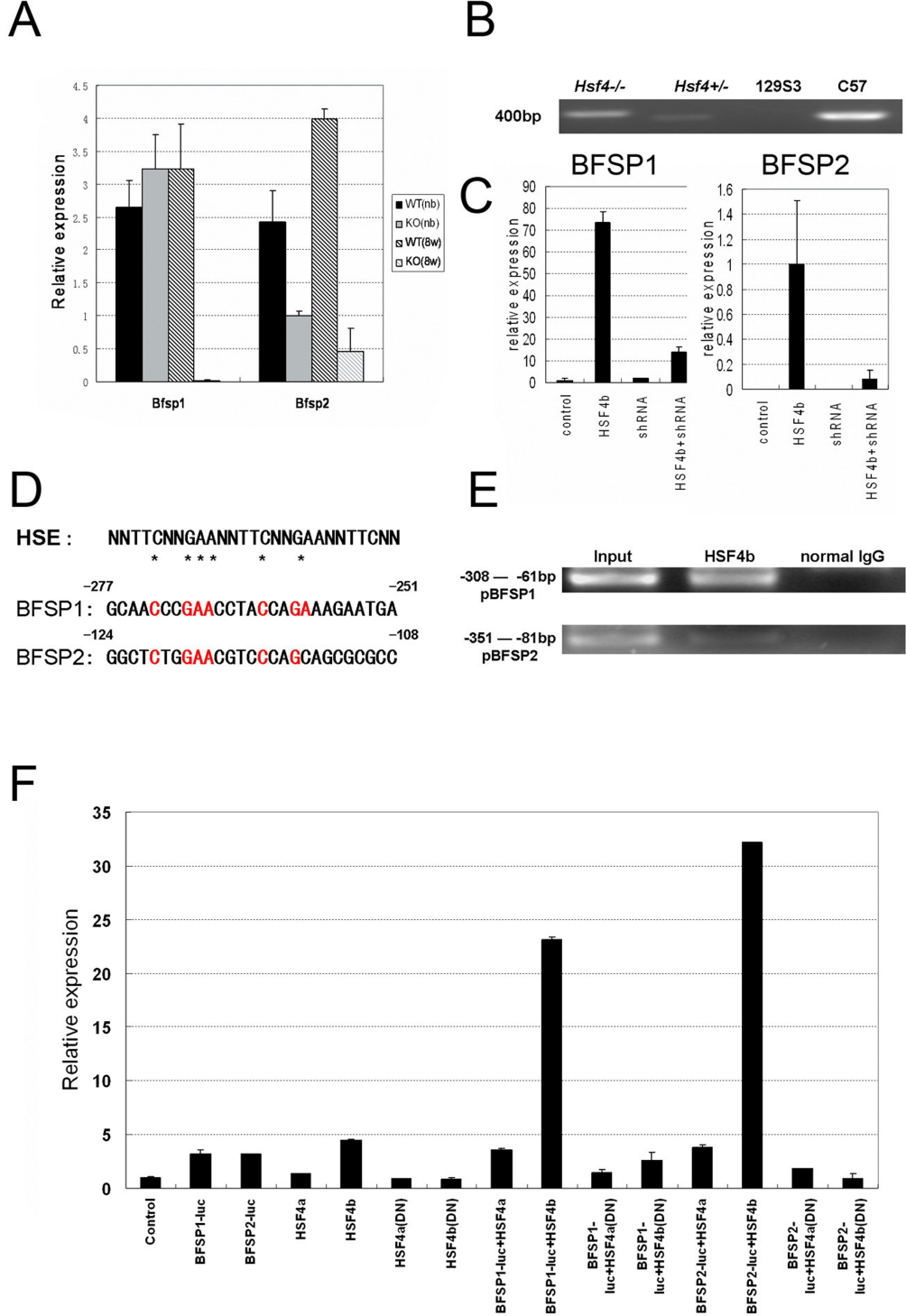
A
Relative expression
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
WT(nb)
KO(nb)
WT(8w)
KO(8w)
Bfsp1
Bfsp2
B
Hsf4-/-
Hsf4+/-
129S3
C57
400bp
C
BFSP1
BFSP2
relative expression
control
HSF4b
shRNA
HSF4b+shRNA
D
HSE : NNTTCNNGAANNTTCNNGAANNTTCNN
-277
-251
BFSP1: GCAACCCGAACCTACCAGAAAGAATGA
-124
-108
BFSP2: GGCTCTGGAACGTCCCAGCAGCGCGCC
E
Input
HSF4b
normal IgG
-308 — -61bp
pBFSP1
-351 — -81bp
pBFSP2
F
Relative expression
Control
BFSP1-luc
BFSP2-luc
HSF4a
HSF4b
HSF4a(DN)
HSF4b(DN)
BFSP1-luc+HSF4a
BFSP1-luc+HSF4b
BFSP1-luc+HSF4a(DN)
BFSP1-luc+HSF4b(DN)
BFSP2-luc+HSF4a
BFSP2-luc+HSF4b
BFSP2-luc+HSF4a(DN)
BFSP2-luc+HSF4b(DN)