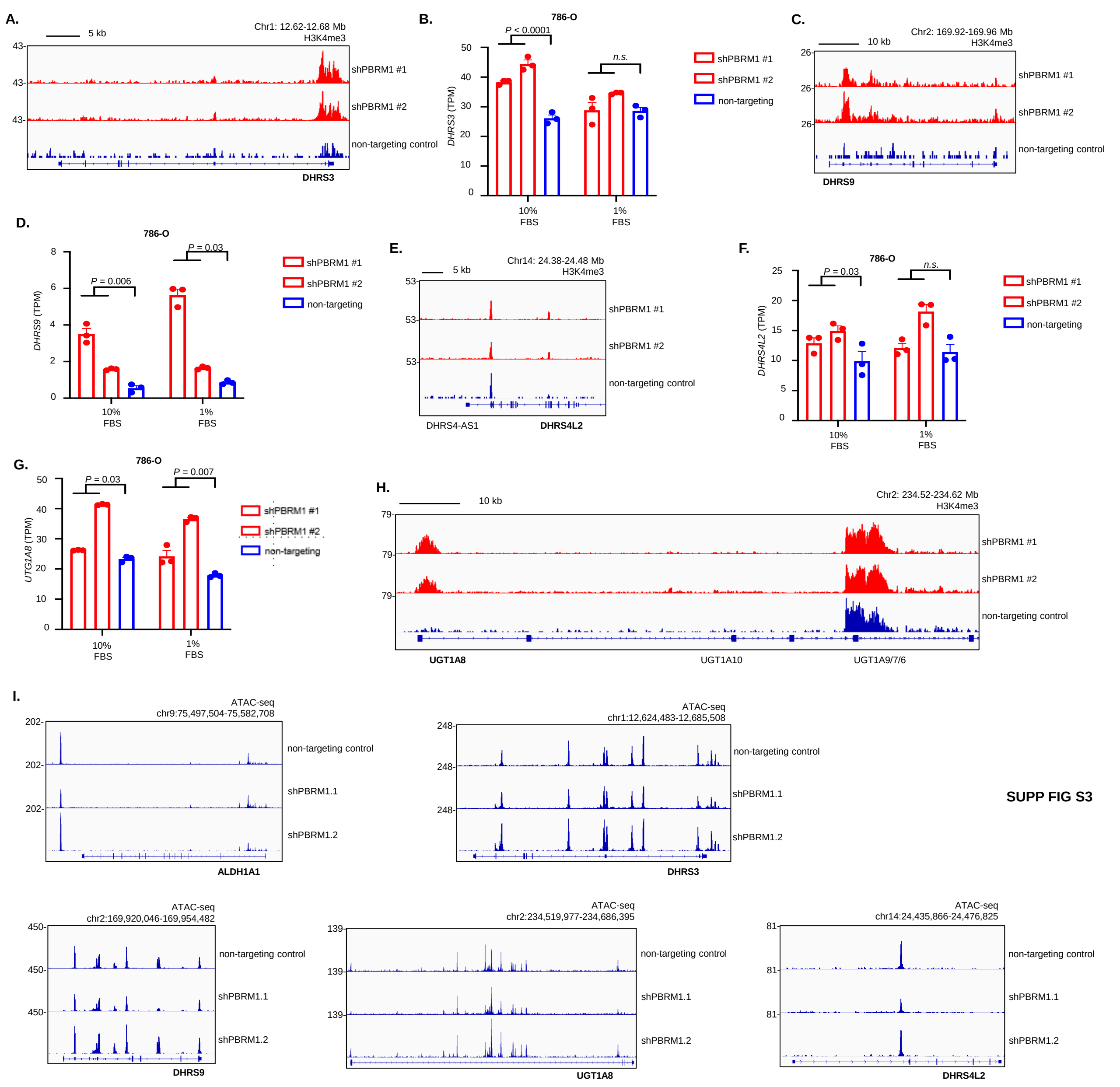
A.
5 kb
Chr1: 12.62-12.68 Mb
H3K4me3
43-
43-
43-
shPBRM1 #1
shPBRM1 #2
non-targeting control
DHRS3
B.
786-O
P < 0.0001
n.s.
DHRS3 (TPM)
50
40
30
20
10
0
10%
FBS
1%
FBS
shPBRM1 #1
shPBRM1 #2
non-targeting
C.
10 kb
Chr2: 169.92-169.96 Mb
H3K4me3
26-
26-
26-
shPBRM1 #1
shPBRM1 #2
non-targeting control
DHRS9
D.
786-O
P = 0.006
P = 0.03
DHRS9 (TPM)
8
6
4
2
0
10%
FBS
1%
FBS
shPBRM1 #1
shPBRM1 #2
non-targeting
E.
5 kb
Chr14: 24.38-24.48 Mb
H3K4me3
53-
53-
53-
shPBRM1 #1
shPBRM1 #2
non-targeting control
DHRS4-AS1
DHRS4L2
F.
786-O
P = 0.03
n.s.
DHRS4L2 (TPM)
25
20
15
10
5
0
10%
FBS
1%
FBS
shPBRM1 #1
shPBRM1 #2
non-targeting
G.
786-O
P = 0.03
P = 0.007
UTG1A8 (TPM)
50
40
30
20
10
0
10%
FBS
1%
FBS
shPBRM1 #1
shPBRM1 #2
non-targeting
H.
10 kb
Chr2: 234.52-234.62 Mb
H3K4me3
79-
79-
79-
shPBRM1 #1
shPBRM1 #2
non-targeting control
UGT1A8
UGT1A10
UGT1A9/7/6
I.
ATAC-seq
chr9:75,497,504-75,582,708
202-
202-
202-
non-targeting control
shPBRM1.1
shPBRM1.2
ALDH1A1
ATAC-seq
chr1:12,624,483-12,685,508
248-
248-
248-
non-targeting control
shPBRM1.1
shPBRM1.2
DHRS3
ATAC-seq
chr2:169,920,046-169,954,482
450-
450-
450-
non-targeting control
shPBRM1.1
shPBRM1.2
DHRS9
ATAC-seq
chr2:234,519,977-234,686,395
139-
139-
139-
non-targeting control
shPBRM1.1
shPBRM1.2
UGT1A8
ATAC-seq
chr14:24,435,866-24,476,825
81-
81-
81-
non-targeting control
shPBRM1.1
shPBRM1.2
DHRS4L2

SUPP FIG S3