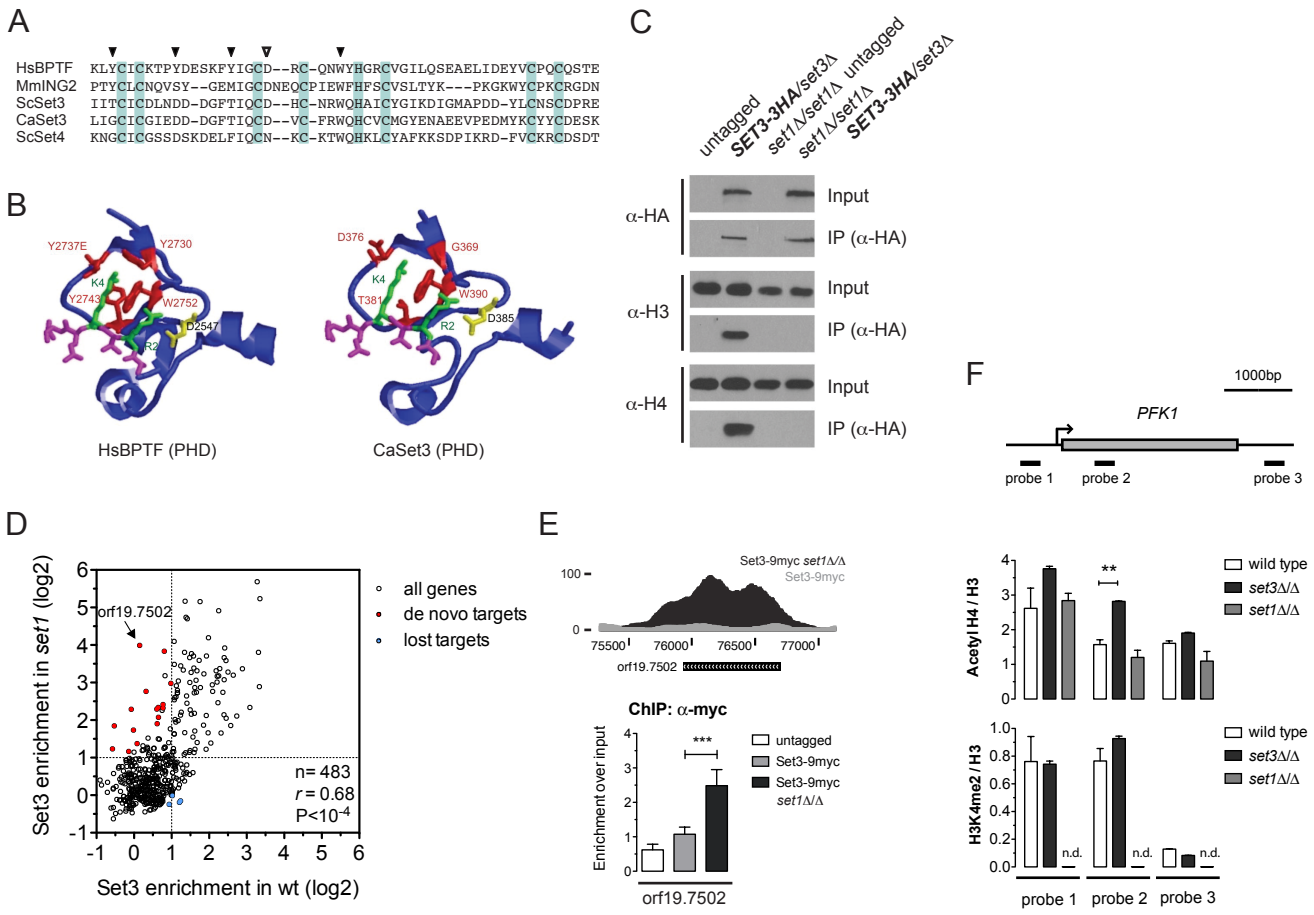
Figure S7


A
HsBPTF KLYCICKTPYDESKFYIGCD--RC-QNWYHGRCVGILQSEAELIDEYVCPQCQSTE
MmING2 PTYCLCNQVSY--GEMIGCDNEQCPIEWFHFSCVSLTYK---PKGKWYCPKCRGDN
ScSet3 IITCICDLNDD-DGFTIQCD--HC-NRWQHAICYGIKDIGMAPDD-YLCNSCDPRE
CaSet3 LIGCICGIEDD-DGFTIQCD--VC-FRWQHCVCMGYENAEEVPEDMYKCYYCDESK
ScSet4 KNGCICGSSDSKDELFIQCN--KC-KTWQHKLCYAFKKSDPIKRD-FVCKRCDSDT
B
Y2737E
Y2730
K4
Y2743
W2752
D2547
R2
HsBPTF (PHD)
D376
G369
K4
T381
W390
D385
R2
CaSet3 (PHD)
C
untagged
SET3-3HA/set3Δ
set1Δ/set1Δ untagged
set1Δ/set1Δ
SET3-3HA/set3Δ
α-HA
Input
IP (α-HA)
α-H3
Input
IP (α-HA)
α-H4
Input
IP (α-HA)
F
1000bp
PFK1
probe 1
probe 2
probe 3
D
Set3 enrichment in set1 (log2)
Set3 enrichment in wt (log2)
orf19.7502
all genes
de novo targets
lost targets
n= 483
r = 0.68
P<10-4
E
Set3-9myc set1Δ/Δ
Set3-9myc
100
0
75500
76000
76500
77000
orf19.7502
ChIP: α-myc
Enrichment over input
***
untagged
Set3-9myc
Set3-9myc set1Δ/Δ
orf19.7502
Acetyl H4 / H3
**
wild type
set3Δ/Δ
set1Δ/Δ
H3K4me2 / H3
n.d.
probe 1
probe 2
probe 3