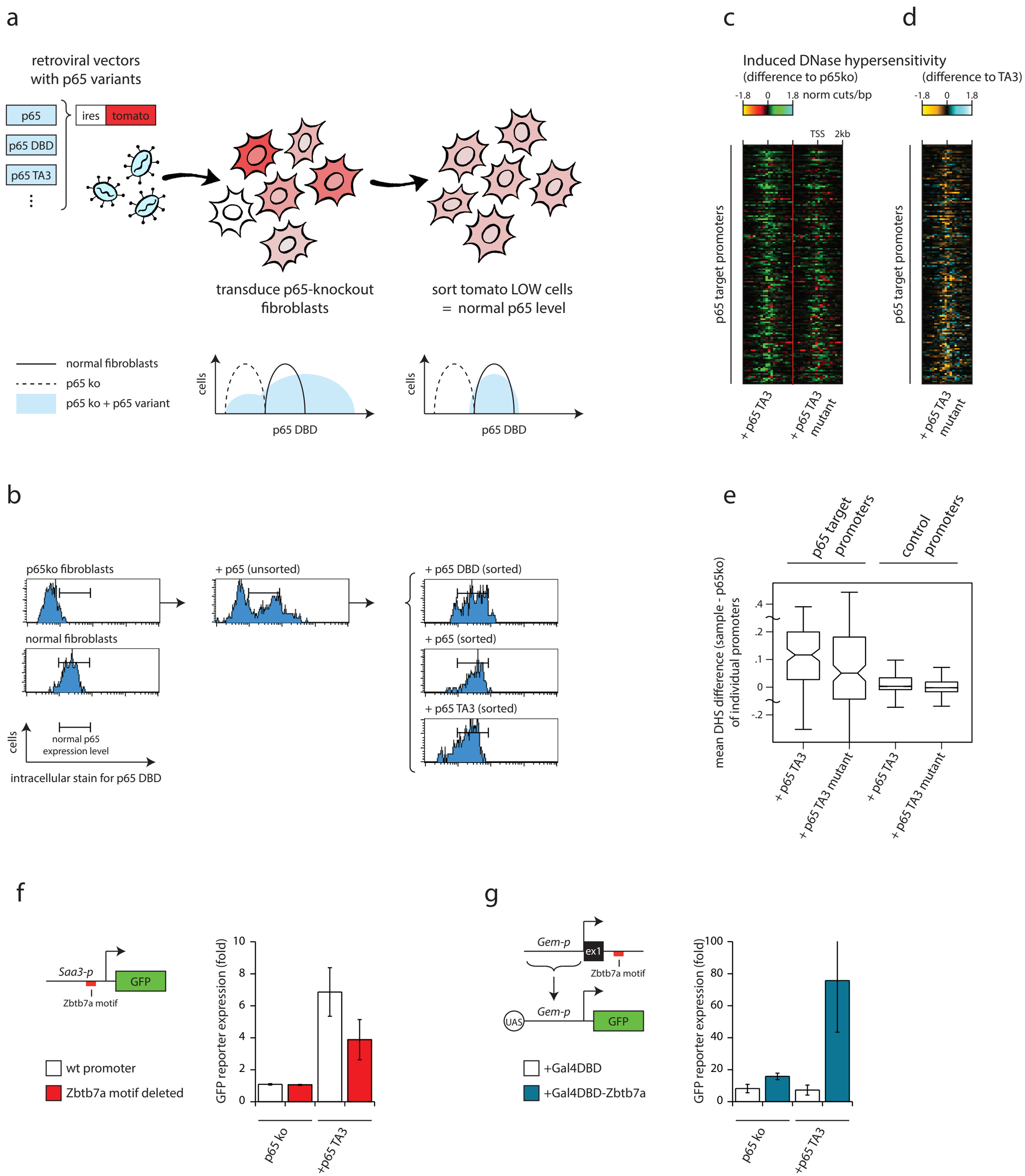
Figure S6


a
retroviral vectors
with p65 variants
p65
p65 DBD
p65 TA3
ires
tomato
transduce p65-knockout
fibroblasts
sort tomato LOW cells
= normal p65 level
normal fibroblasts
p65 ko
p65 ko + p65 variant
cells
p65 DBD
b
p65ko fibroblasts
normal fibroblasts
+ p65 (unsorted)
+ p65 DBD (sorted)
+ p65 (sorted)
+ p65 TA3 (sorted)
normal p65
expression level
intracellular stain for p65 DBD
c
d
Induced DNase hypersensitivity
(difference to p65ko)
(difference to TA3)
-1.8 0 1.8 norm cuts/bp
TSS 2kb
p65 target promoters
+ p65 TA3
+ p65 TA3
mutant
e
p65 target
promoters
control
promoters
mean DHS difference (sample - p65ko)
of individual promoters
.4
.2
.1
0
-.2
+ p65 TA3
+ p65 TA3 mutant
f
Saa3-p
GFP
Zbtb7a motif
wt promoter
Zbtb7a motif deleted
GFP reporter expression (fold)
10
8
6
4
2
0
p65 ko
+p65 TA3
g
Gem-p
ex1
Zbtb7a motif
UAS
GFP
+Gal4DBD
+Gal4DBD-Zbtb7a
100
80
60
40
20
0