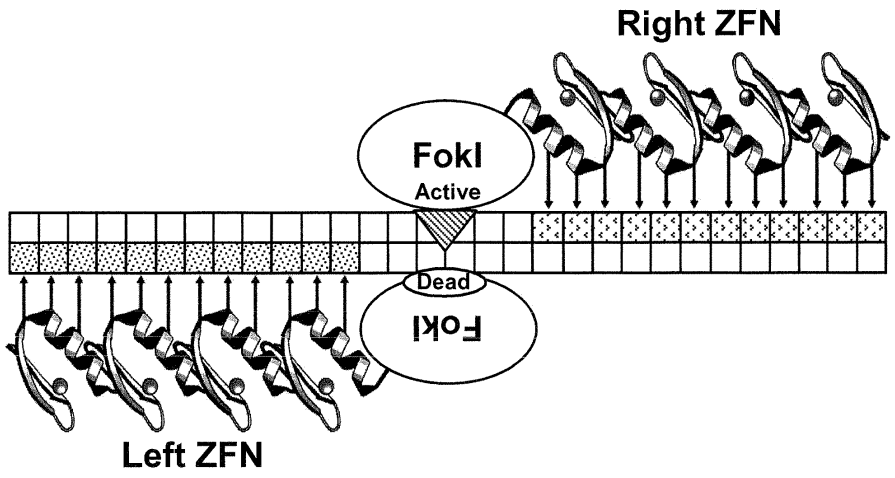


Fig. 1

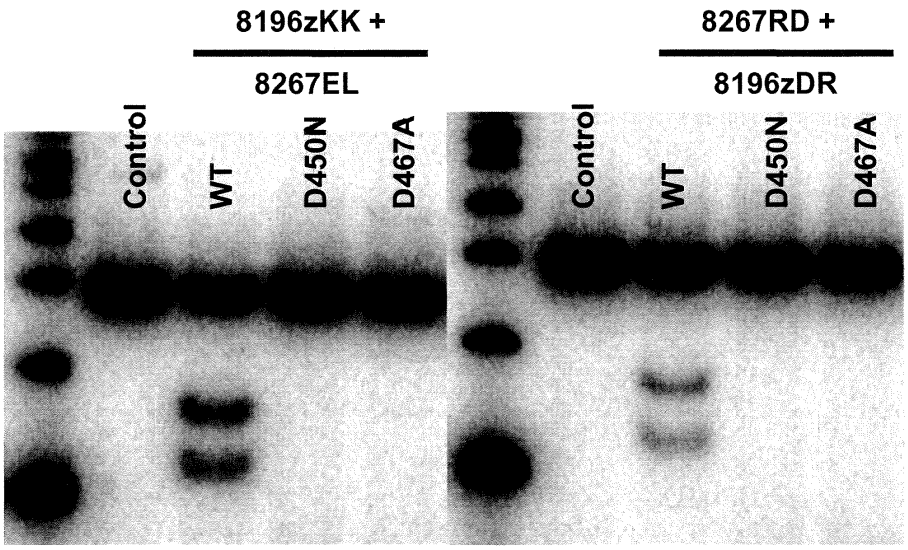

8196zKK +
8267EL
Control
WT
D450N
D467A
8267RD +
8196zDR
Control
WT
D450N
D467A

Fig. 2A

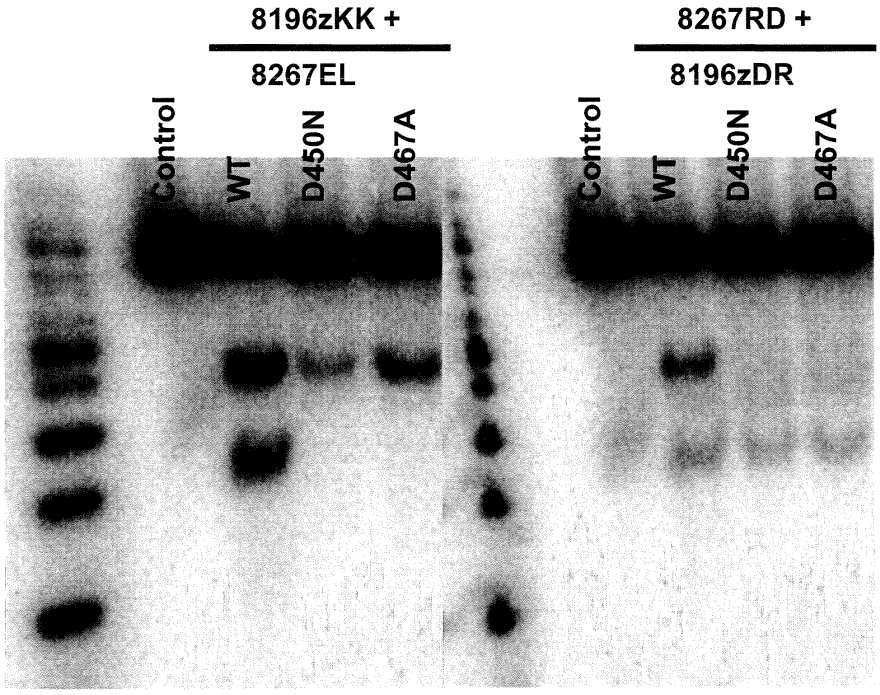

8196zKK +
8267EL
Control
WT
D450N
D467A
8267RD +
8196zDR
Control
WT
D450N
D467A

Fig. 2B

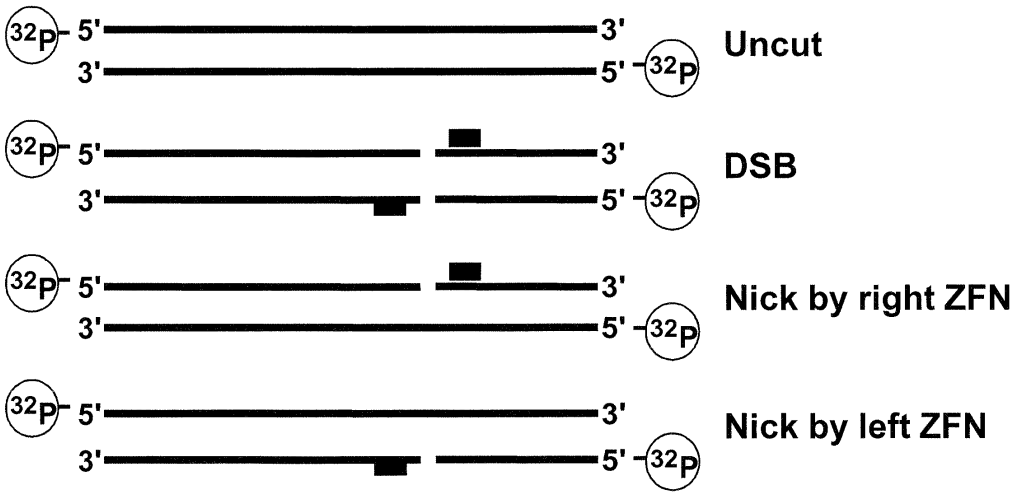


Fig. 2C

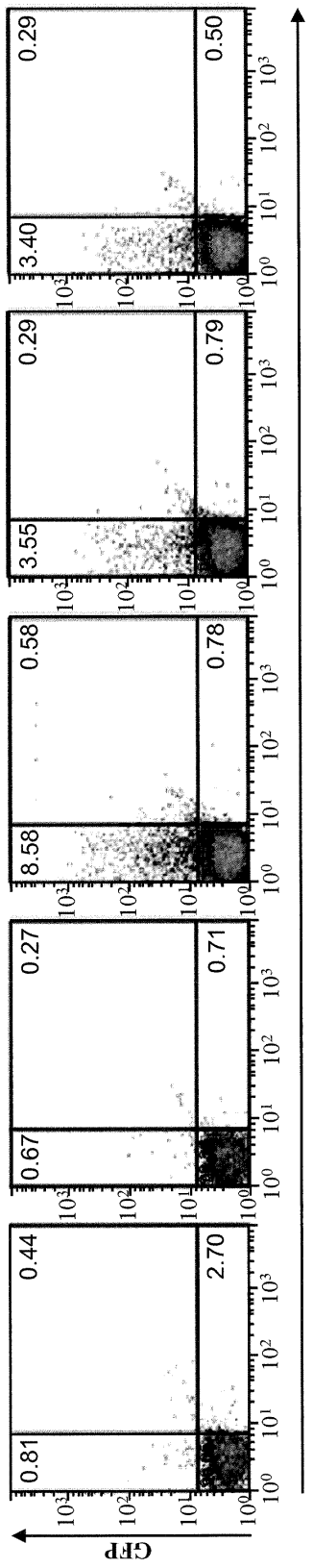


Fig. 3A Fig. 3B Fig. 3C Fig. 3D Fig. 3E

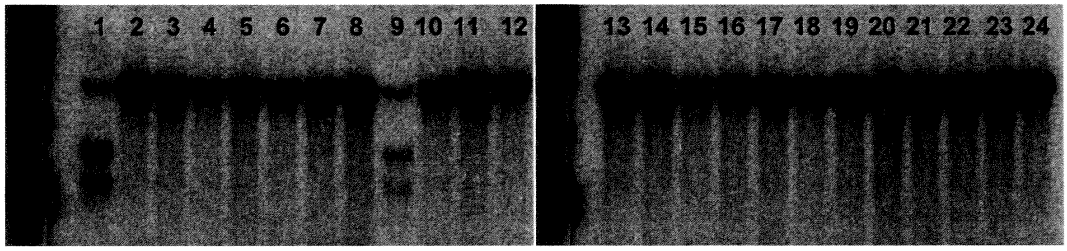


Fig. 4A

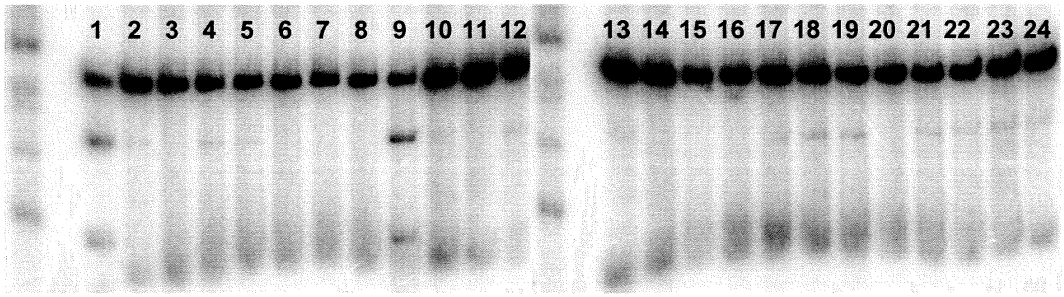


Fig. 4B

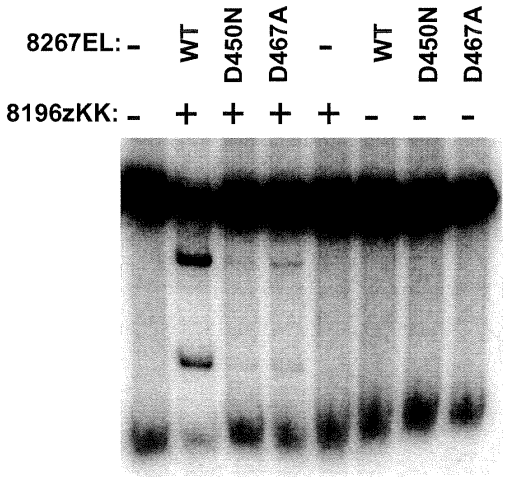


Fig. 4C

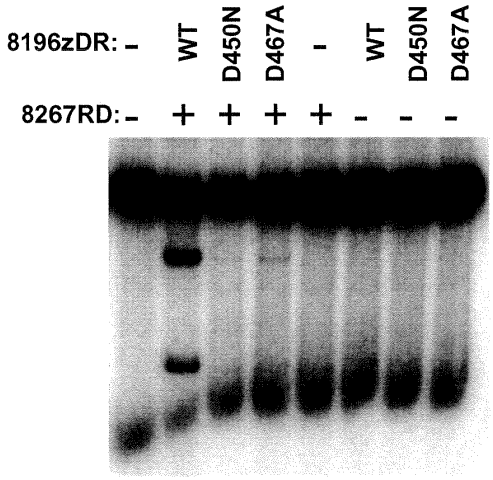


Fig. 4D

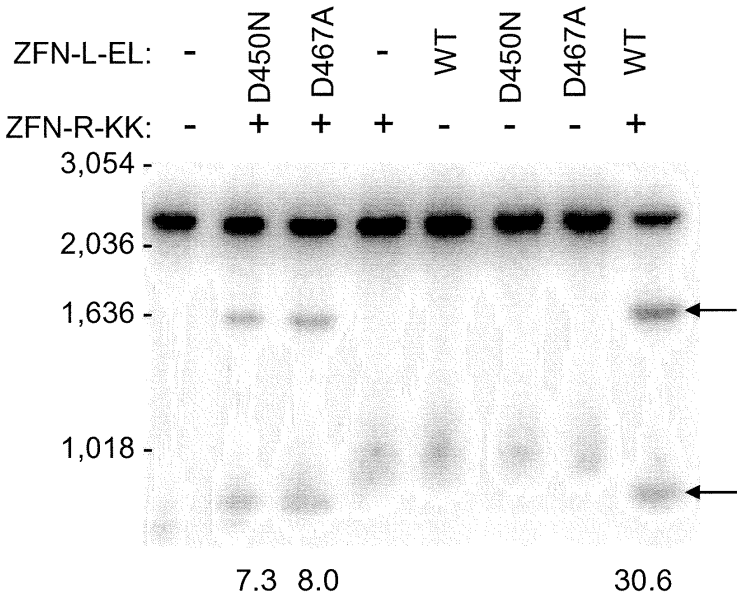

ZFN-L-EL: - D450N D467A - WT D450N D467A WT
ZFN-R-KK: - + + + - - - +
3,054
2,036
1,636
1,018
7.3 8.0 30.6

Fig. 5A

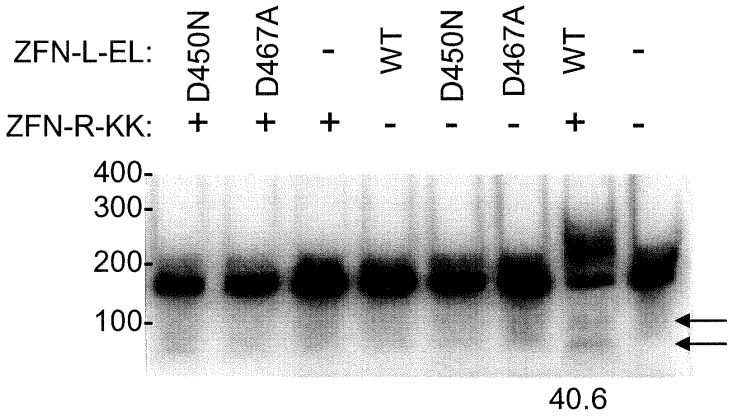

ZFN-L-EL: D450N D467A - WT D450N D467A WT -
ZFN-R-KK: + + + - - - + -
400
300
200
100
40.6

Fig. 5B

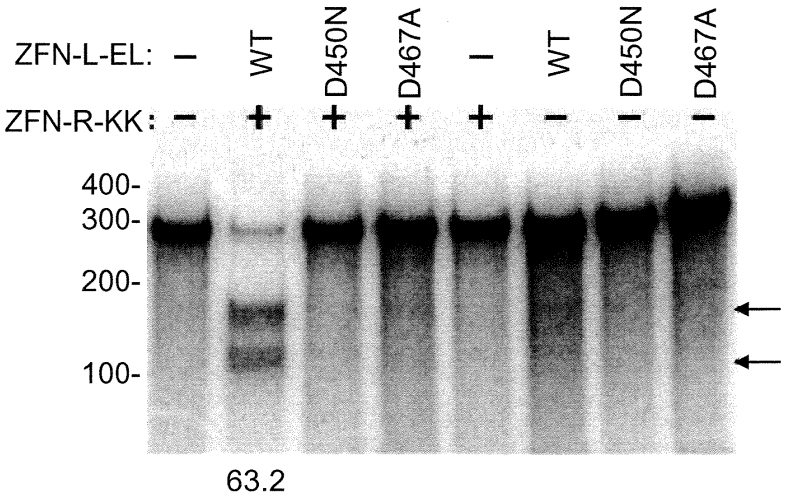

ZFN-L-EL: – WT D450N D467A – WT D450N D467A
ZFN-R-KK: – + + + + – – –
400-
300-
200-
100-
63.2

Fig. 6A

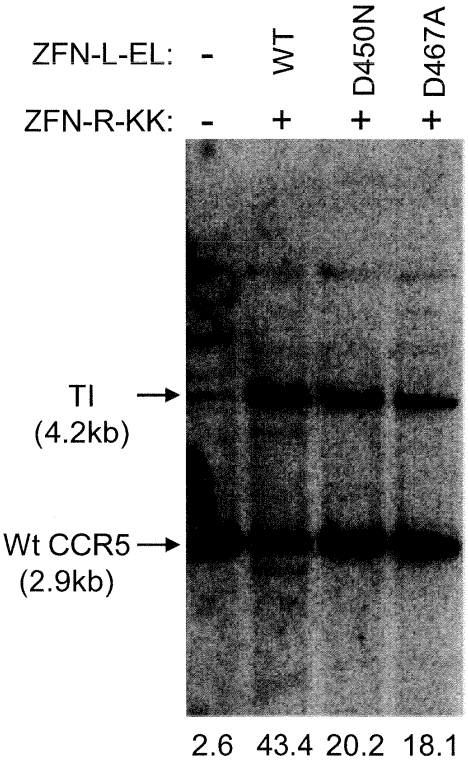

ZFN-L-EL: - WT D450N D467A
ZFN-R-KK: - + + +
TI
(4.2kb)
Wt CCR5
(2.9kb)
2.6 43.4 20.2 18.1

Fig. 6B

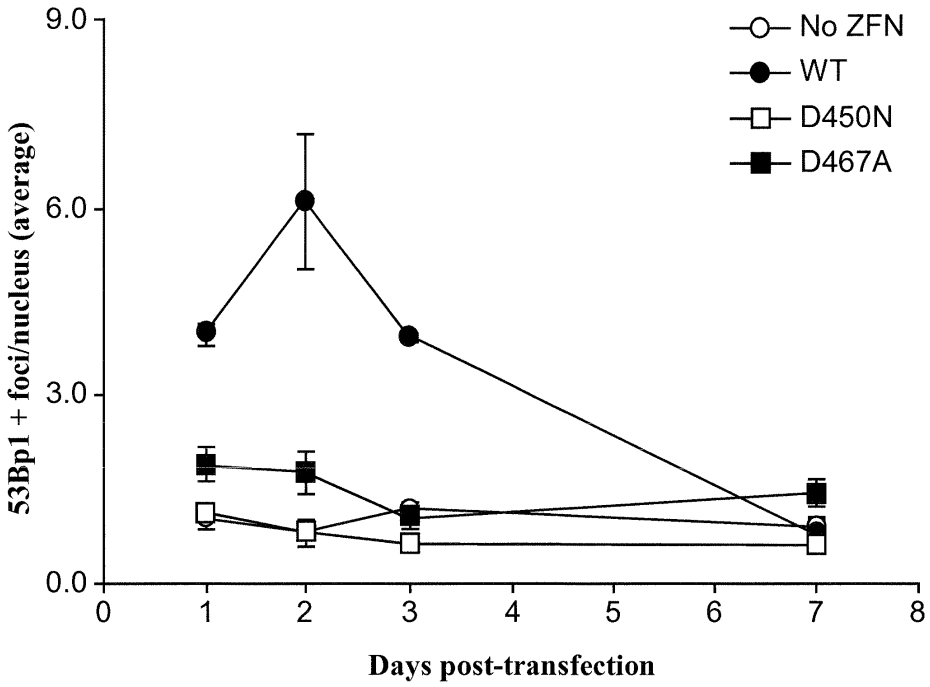

9.0
6.0
3.0
0.0
53Bp1 + foci/nucleus (average)
0
1
2
3
4
5
6
7
8
Days post-transfection
No ZFN
WT
D450N
D467A

Fig. 7

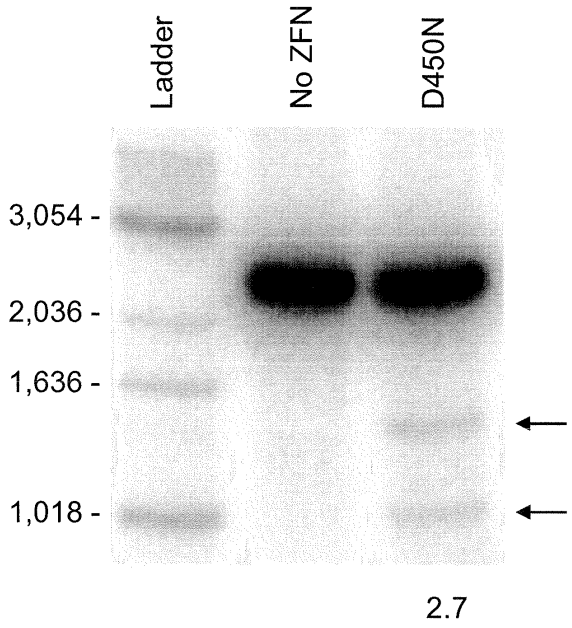


Fig. 8