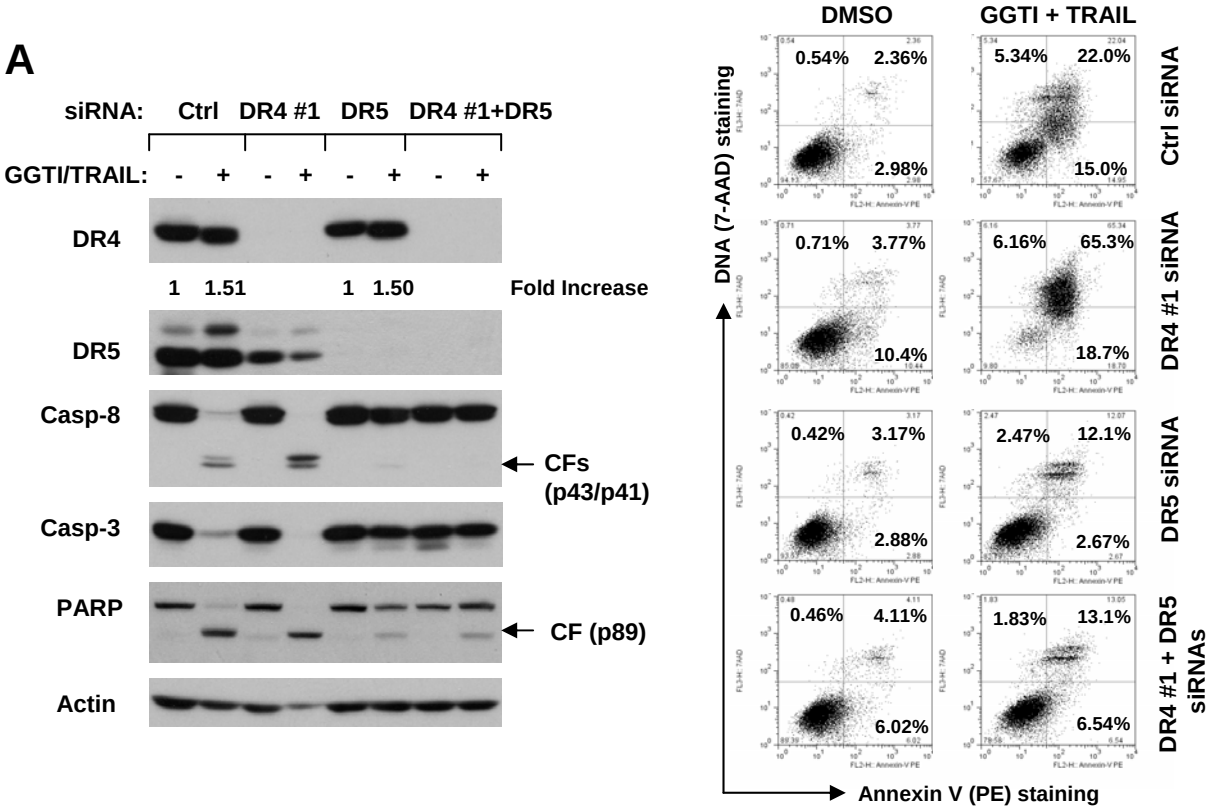
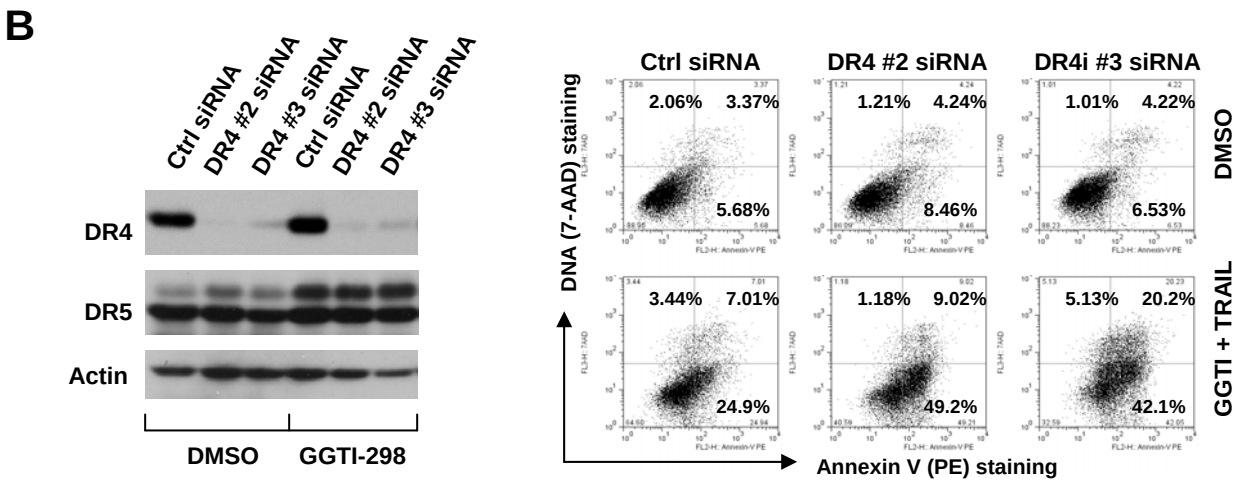
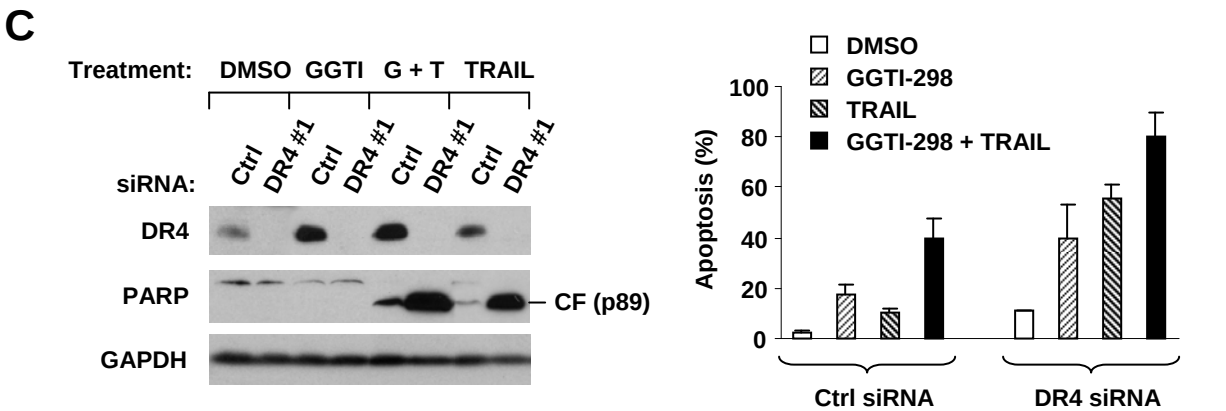

A
siRNA: Ctrl DR4 #1 DR5 DR4 #1+DR5
GGTI/TRAIL: - + - + - + - +
DR4
1 1.51 1 1.50 Fold Increase
DR5
Casp-8
CFs (p43/p41)
Casp-3
PARP
CF (p89)
Actin
DMSO
GGTI + TRAIL
DNA (7-AAD) staining
Ctrl siRNA
DR4 #1 siRNA
DR5 siRNA
DR4 #1 + DR5 siRNAs
0.54% 2.36% 2.98%
5.34% 22.0% 15.0%
0.71% 3.77% 10.4%
6.16% 65.3% 18.7%
0.42% 3.17% 2.88%
2.47% 12.1% 2.67%
0.46% 4.11% 6.02%
1.83% 13.1% 6.54%
Annexin V (PE) staining


B
Ctrl siRNA
DR4 #2 siRNA
DR4 #3 siRNA
Ctrl siRNA
DR4 #2 siRNA
DR4 #3 siRNA
DR4
DR5
Actin
DMSO
GGTI-298
Ctrl siRNA
DR4 #2 siRNA
DR4i #3 siRNA
DNA (7-AAD) staining
DMSO
GGTI + TRAIL
2.06% 3.37% 5.68%
1.21% 4.24% 8.46%
1.01% 4.22% 6.53%
3.44% 7.01% 24.9%
1.18% 9.02% 49.2%
5.13% 20.2% 42.1%
Annexin V (PE) staining


C
Treatment: DMSO GGTI G + T TRAIL
siRNA: Ctrl DR4 #1 Ctrl DR4 #1 Ctrl DR4 #1 Ctrl DR4 #1
DR4
PARP
CF (p89)
GAPDH
DMSO
GGTI-298
TRAIL
GGTI-298 + TRAIL
Apoptosis (%)
0
20
40
60
80
100
Ctrl siRNA
DR4 siRNA