Figure 2

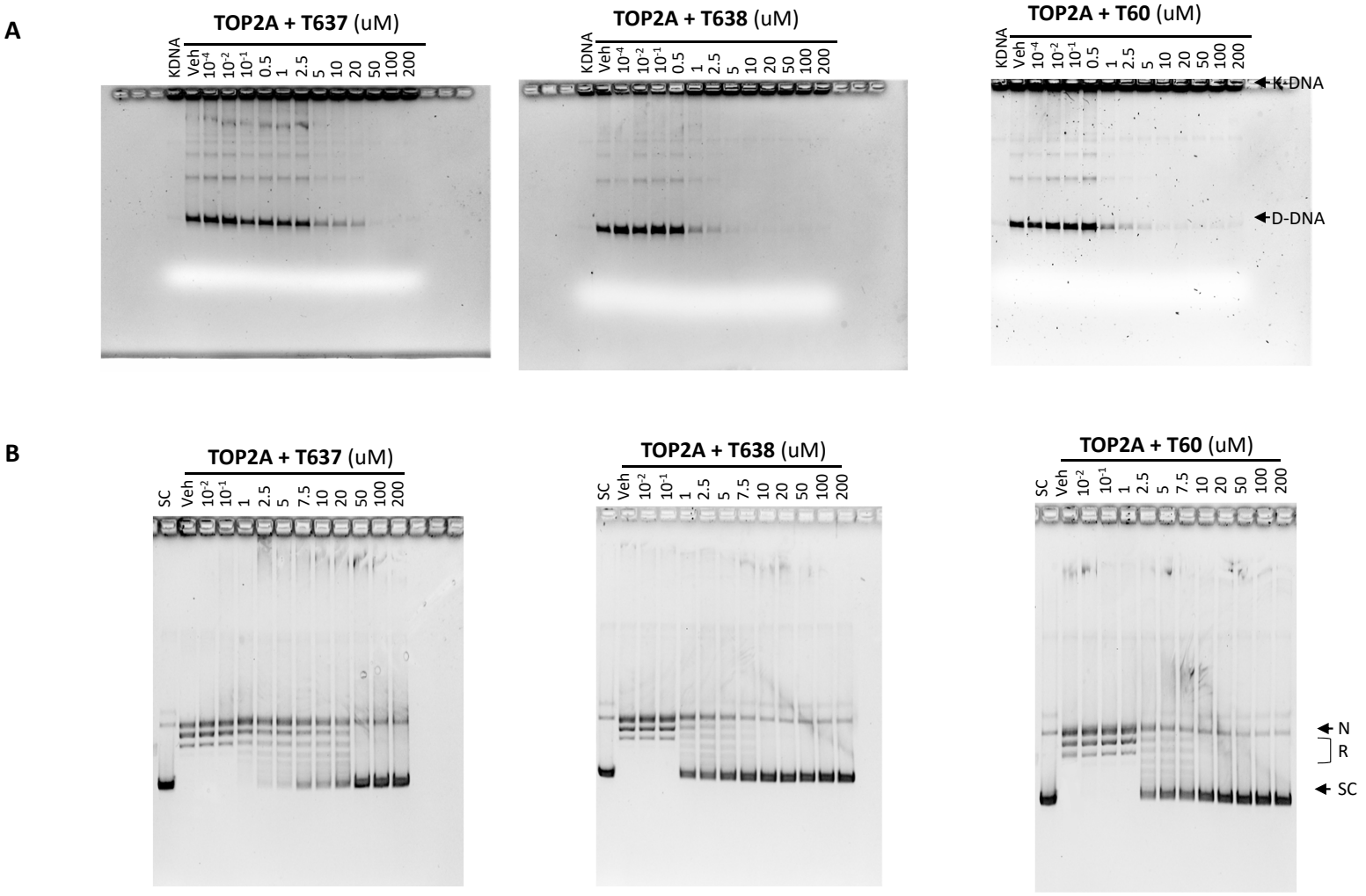

A
TOP2A + T637 (uM)
KDNA
Veh
10-4
10-2
10-1
0.5
1
2.5
5
10
20
50
100
200
TOP2A + T638 (uM)
KDNA
Veh
10-4
10-2
10-1
0.5
1
2.5
5
10
20
50
100
200
TOP2A + T60 (uM)
KDNA
Veh
10-4
10-2
10-1
0.5
1
2.5
5
10
20
50
100
200
K-DNA
D-DNA
B
TOP2A + T637 (uM)
SC
Veh
10-2
10-1
1
2.5
5
7.5
10
20
50
100
200
TOP2A + T638 (uM)
SC
Veh
10-2
10-1
1
2.5
5
7.5
10
20
50
100
200
TOP2A + T60 (uM)
SC
Veh
10-2
10-1
1
2.5
5
7.5
10
20
50
100
200
N
R
SC

Figure 3

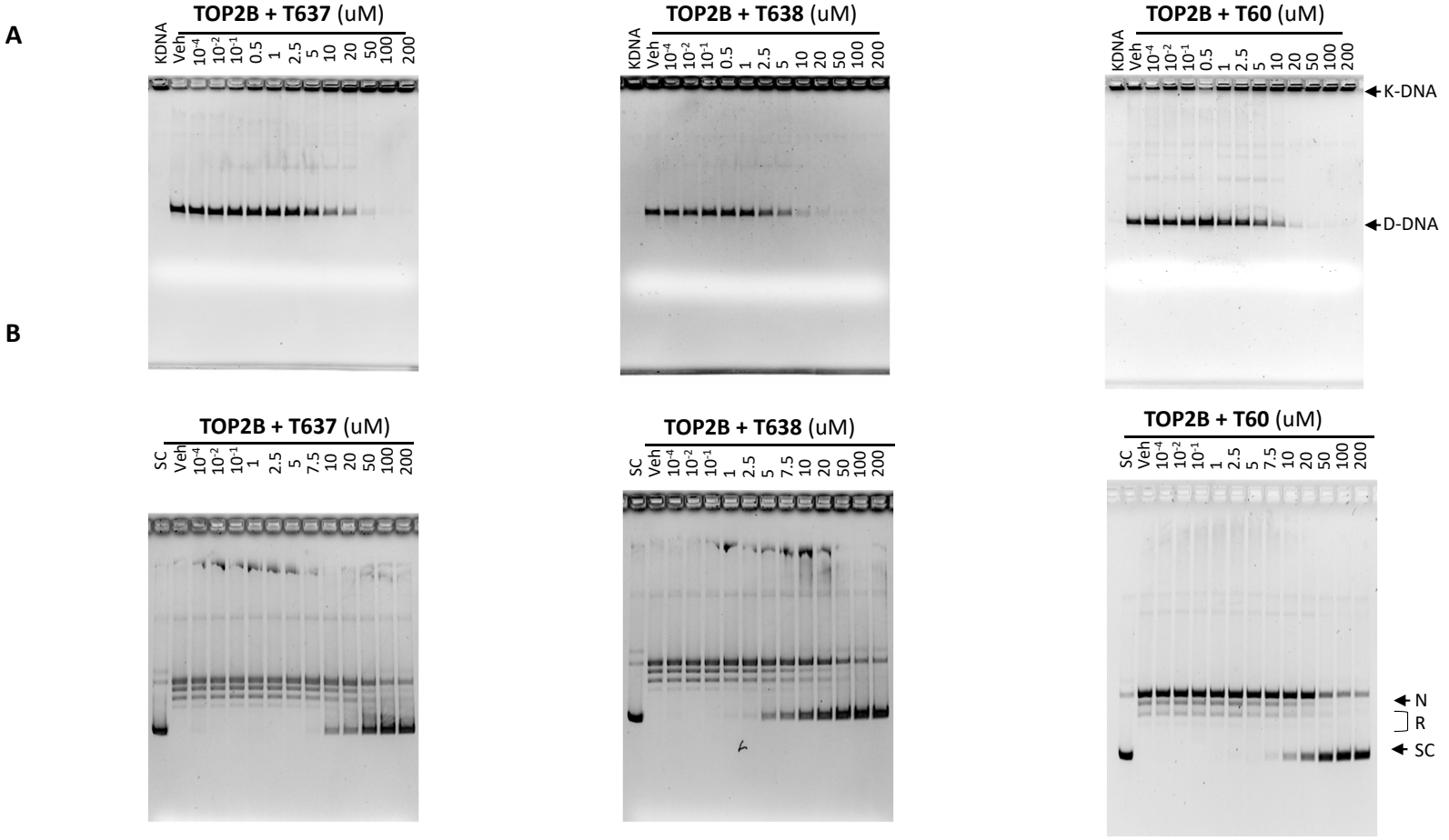
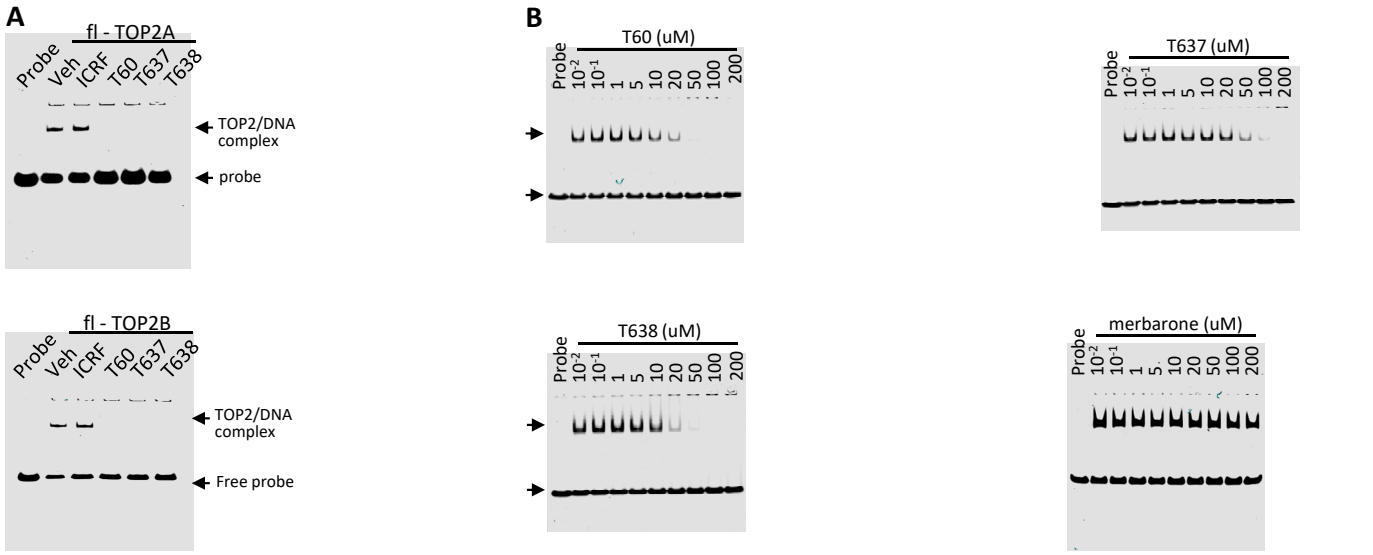

A
B
TOP2B + T637 (uM)
KDNA
Veh
10-4
10-2
10-1
0.5
1
2.5
5
10
20
50
100
200
TOP2B + T638 (uM)
TOP2B + T60 (uM)
K-DNA
D-DNA
SC
7.5
N
R
SC

Figure 5


A
fl - TOP2A
Probe
Veh
ICRF
T60
T637
T638
TOP2/DNA complex
probe
fl - TOP2B
TOP2/DNA complex
Free probe
B
T60 (uM)
T637 (uM)
T638 (uM)
merbarone (uM)
Probe
10-2
10-1
1
5
10
20
50
100
200

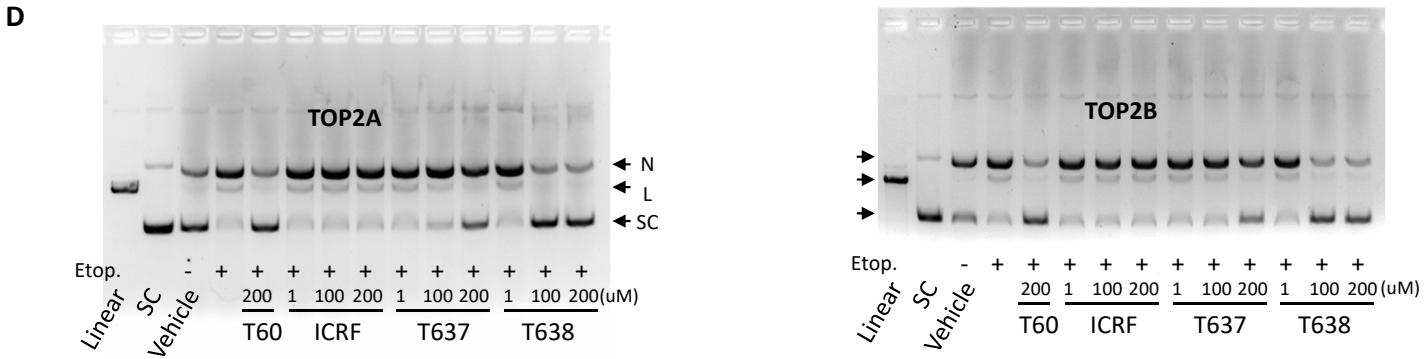
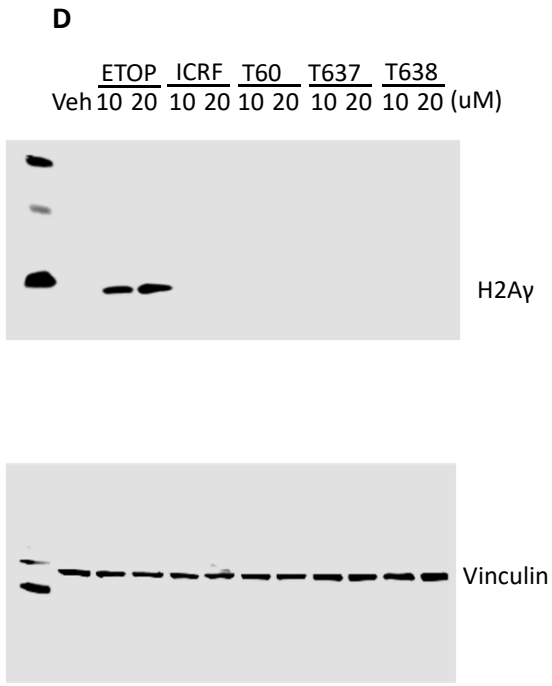

D
TOP2A
TOP2B
N
L
SC
Etop.
Linear
SC
Vehicle
200
1
100
200
T60
ICRF
T637
T638
(uM)

Figure 6


D
ETOP
ICRF
T60
T637
T638
Veh 10 20 10 20 10 20 10 20 10 20 (uM)
H2Aγ
Vinculin