3D-FISH

Control

0 hours post Cp wash-off

24 hours post Cp wash-off

Ch18,Ch19

Ch19,Ch22

Ch18,Ch12

Ch12,Ch22

0 1 2 3 4 5 6 7 8 9 10

Distance between center of territories 18 and 19 (µM)

Distance between center of territories 18 and 12 (µM)

Distance between center of territories 19 and 22 (µM)

Distance between center of territories 18 and 22 (µM)

24 hours

0 hours

Control

NS

24 hours

0 hours

Control

NS

24 hours

0 hours

Control

NS

yH2AX time line

% of positive cells

25 µM Cisplatin treatment time (hours)