A

Seed cells
Pre-treat with SMI
Irradiate
Irradiate
Irradiate
Irradiate
Refresh SMI
Refresh SMI

Day 0 1 2 3 4 5 6 7 8

B

IR on consecutive days
Normalized to sham IR

Surviving fraction

Radia
ti
on dose (Gy)

C

SW837

Normalized to DMSO + sham IR (x 1)

Normalized to DMSO or AZD7762 + sham IR (x 1 or x 4)

Surviving fraction

Radia
ti
on dose (Gy)

D

SW837

Normalized to DMSO + sham IR (x 1)

Normalized to DMSO or BEZ235 + sham IR (x 1 or 4)

Surviving fraction

Radia
ti
on dose (Gy)

RCM-1

Normalized to DMSO + sham IR (x 1)

Normalized to DMSO or BEZ235 + sham IR (x 1 or 4)

Surviving fraction

Radia
ti
on dose (Gy)

Figure S8