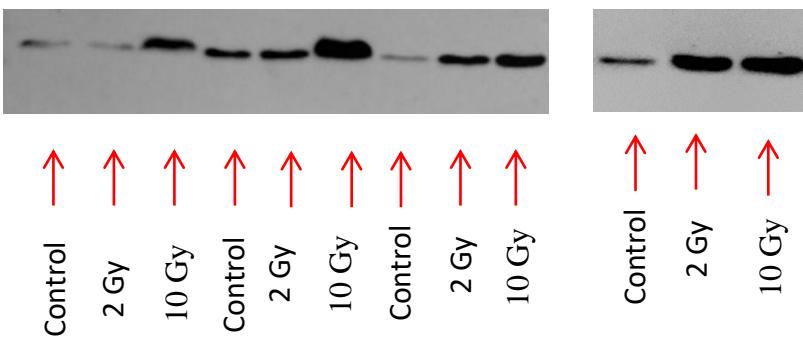
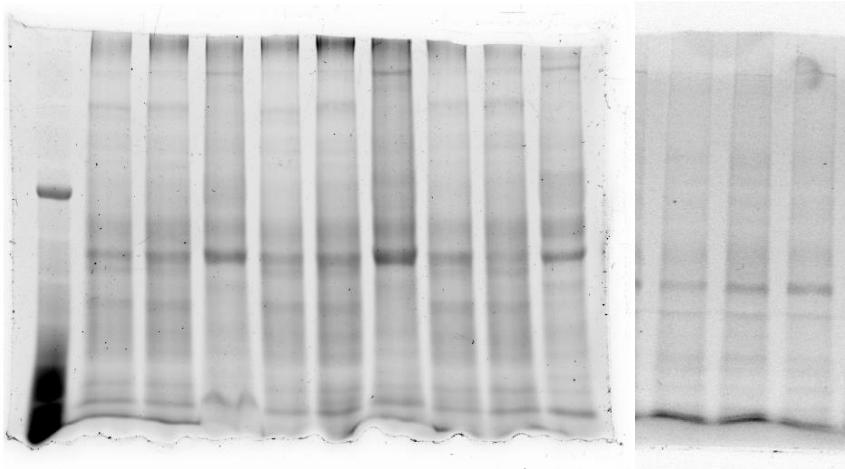


# Claudin-1

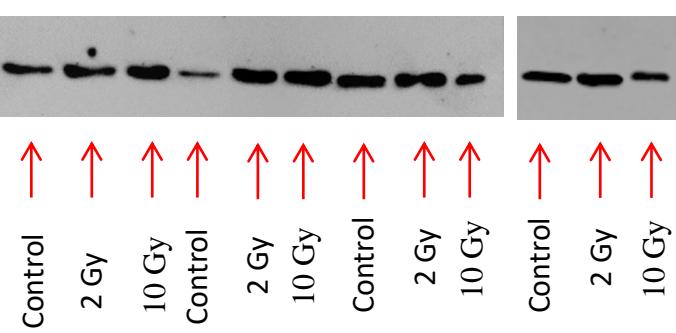
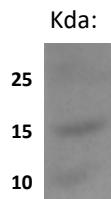
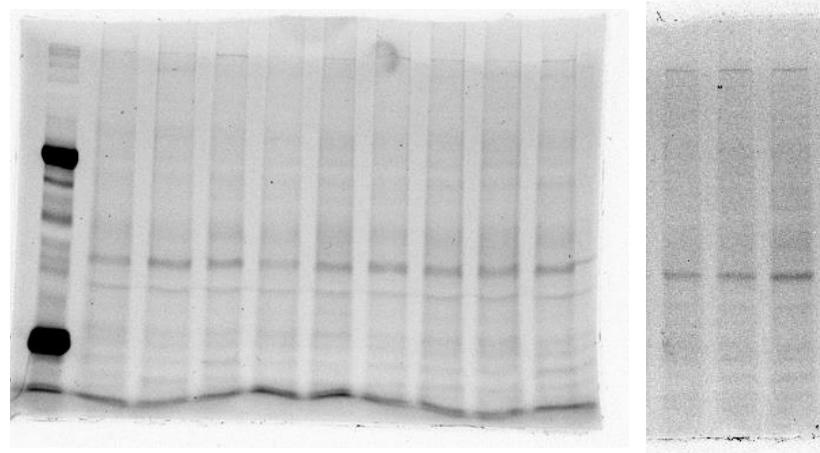
jejunum

colon

Stain-free gel

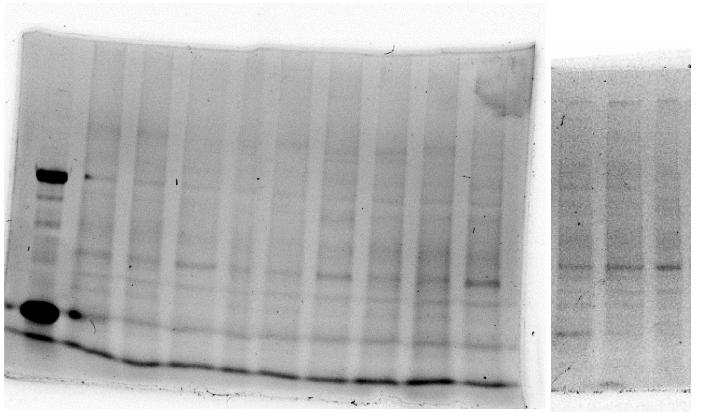


Stain-free gel

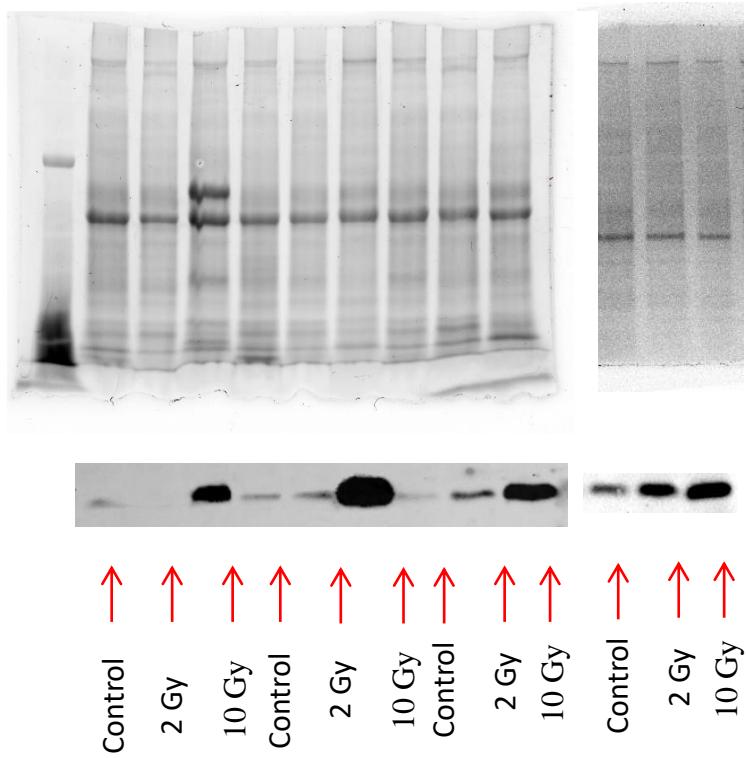


# Claudin-2

## Stain-free gel



## Stain-free gel



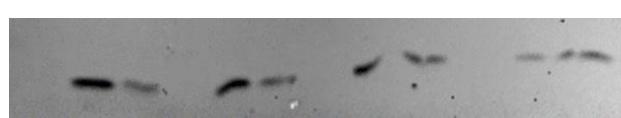
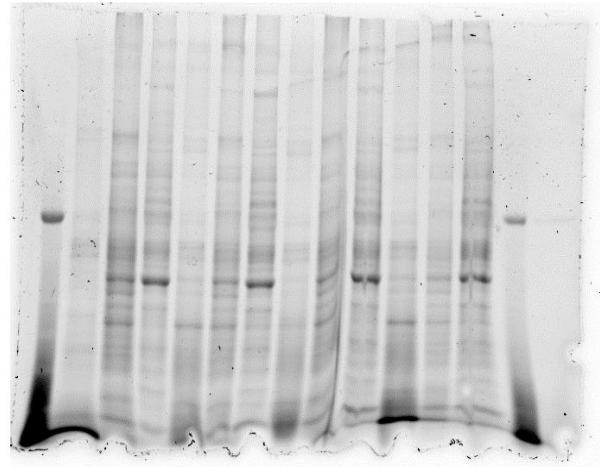
# Claudin-3

jejunum

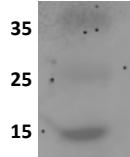
colon

Stain-free gel

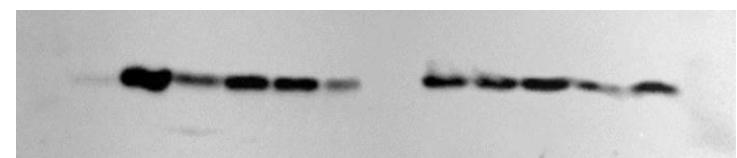
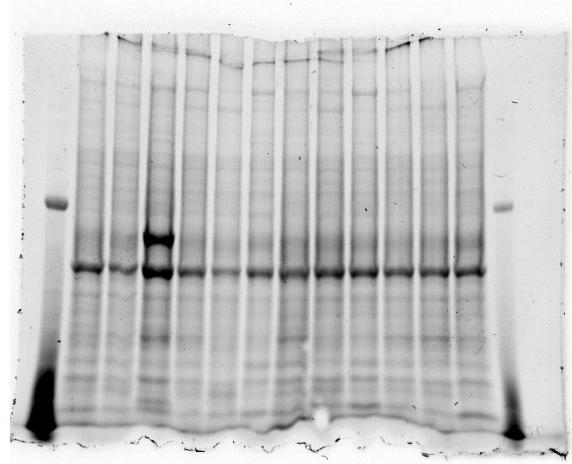
Stain-free gel



Kda:



Control  
2 Gy  
10 Gy  
Control  
2 Gy  
10 Gy  
Control  
2 Gy  
10 Gy  
Control  
2 Gy  
10 Gy



Control  
2 Gy  
10 Gy  
Control  
2 Gy  
10 Gy  
Control  
2 Gy  
10 Gy  
Control  
2 Gy  
10 Gy

# Claudin-4

## Stain-free gel

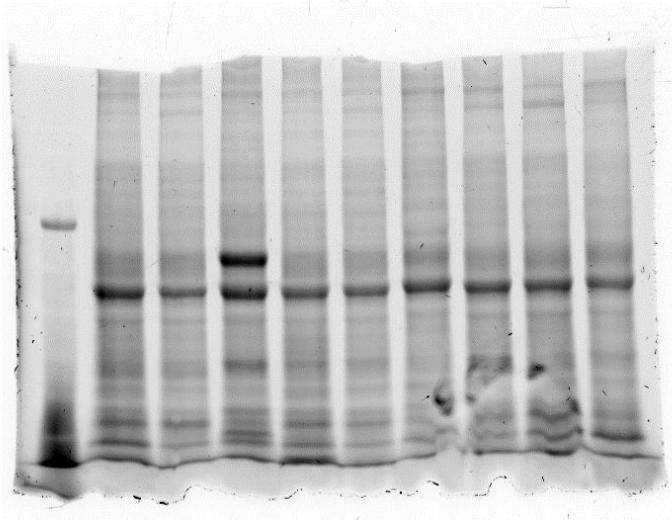
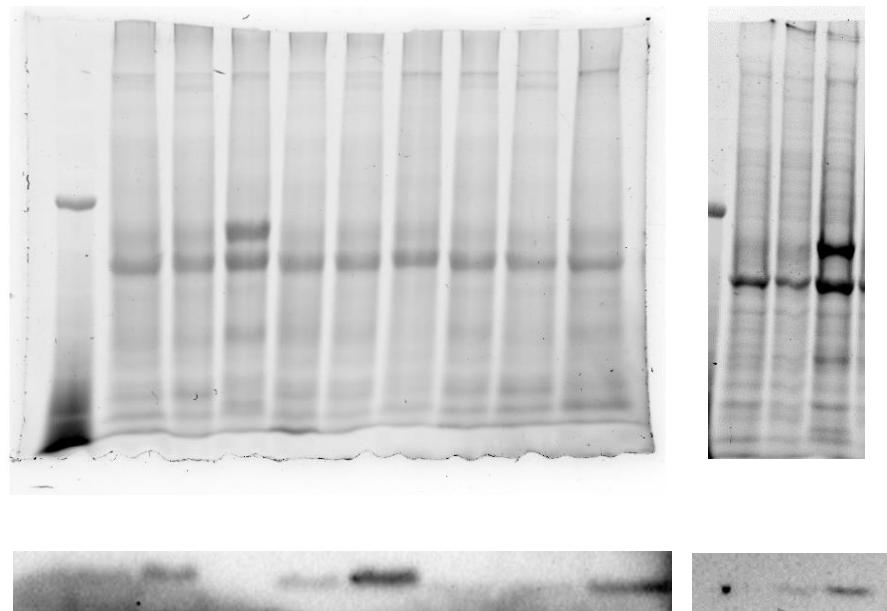


Figure 1 shows a schematic diagram of the experimental design. It consists of two rows of six conditions each. The first row contains three conditions: Control, 2 Gy, and 10 Gy. The second row also contains three conditions: Control, 2 Gy, and 10 Gy. Each condition is represented by a red upward-pointing arrow.

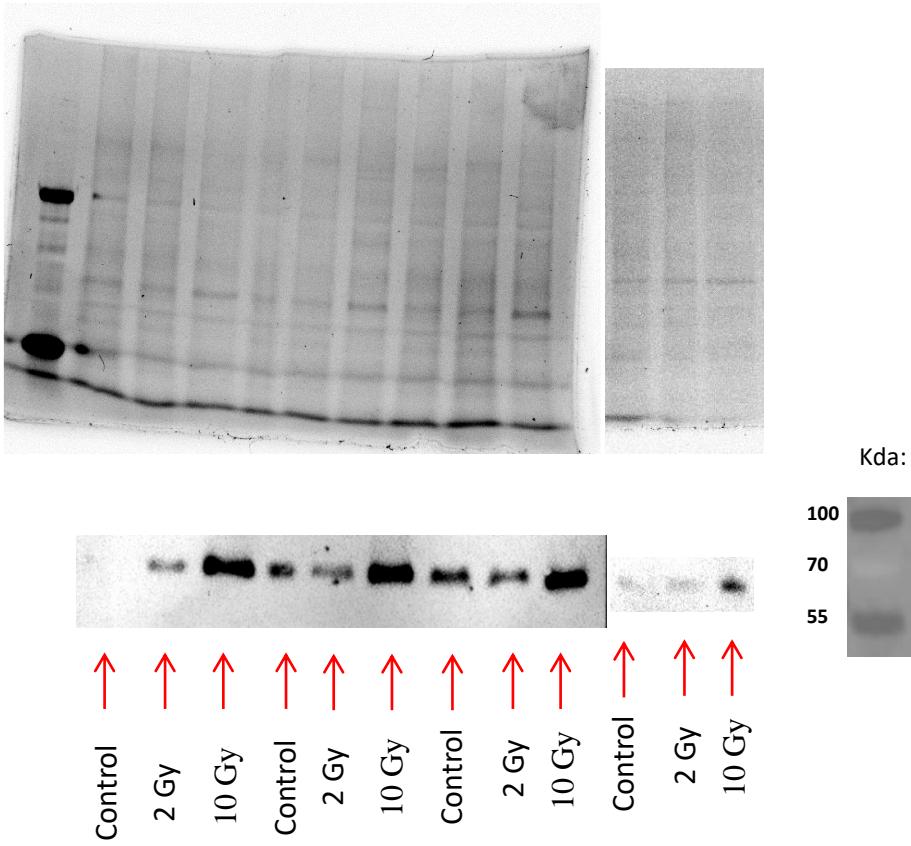
## Stain-free gel



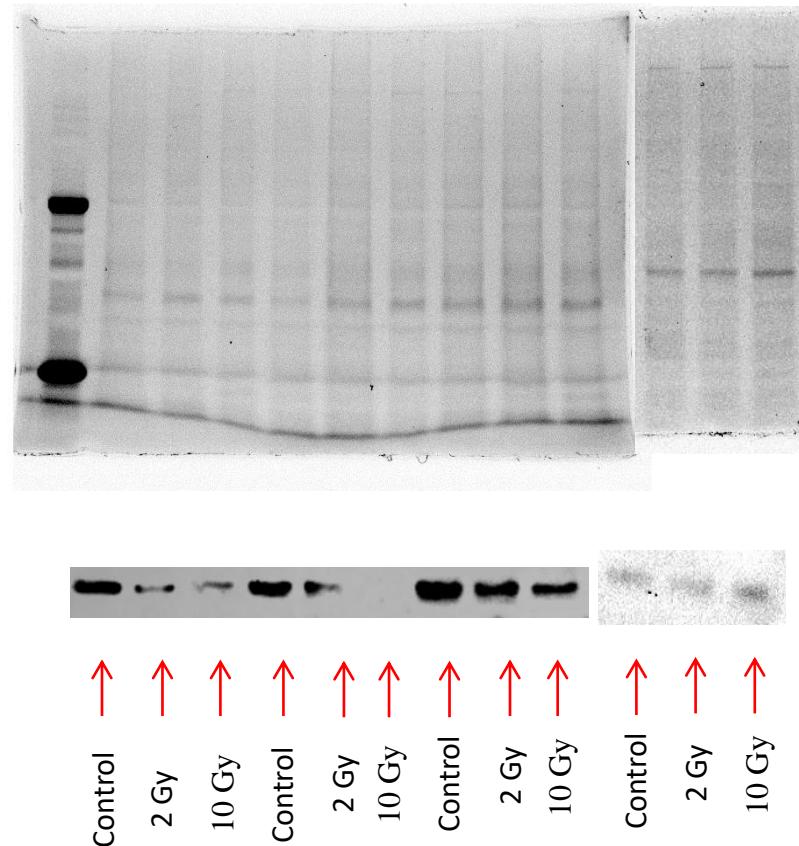
Control      2 Gy      10 Gy

# Occludin

## Stain-free gel



## Stain-free gel

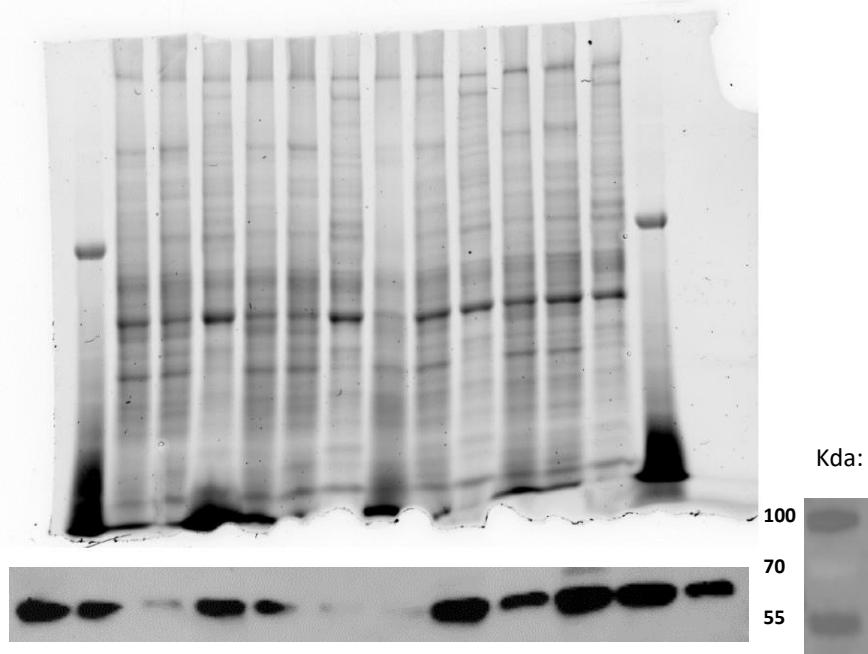


# Tricellulin

jejunum

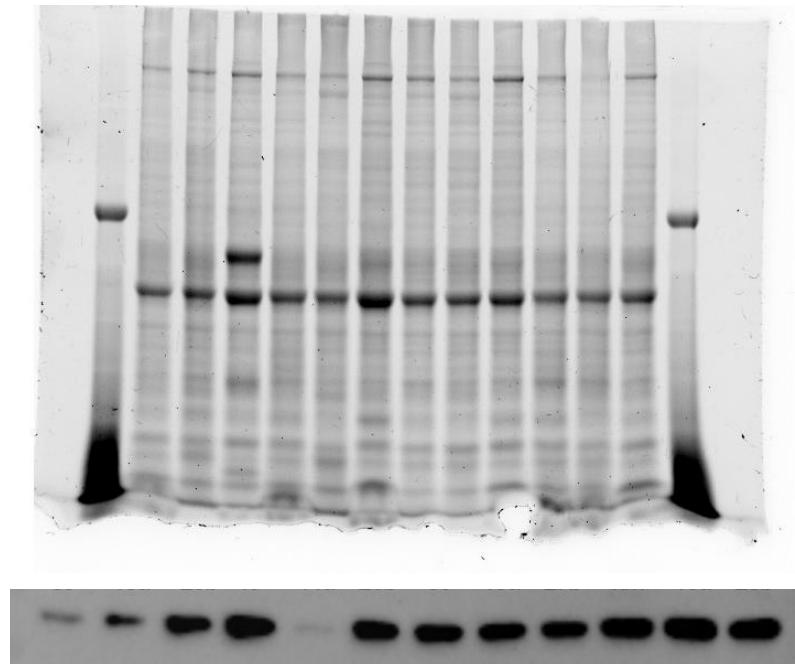
colon

Stain-free gel



↑      ↑      ↑      ↑      ↑      ↑  
Control    2 Gy    10 Gy    Control    2 Gy    10 Gy    Control    2 Gy    10 Gy

Stain-free gel



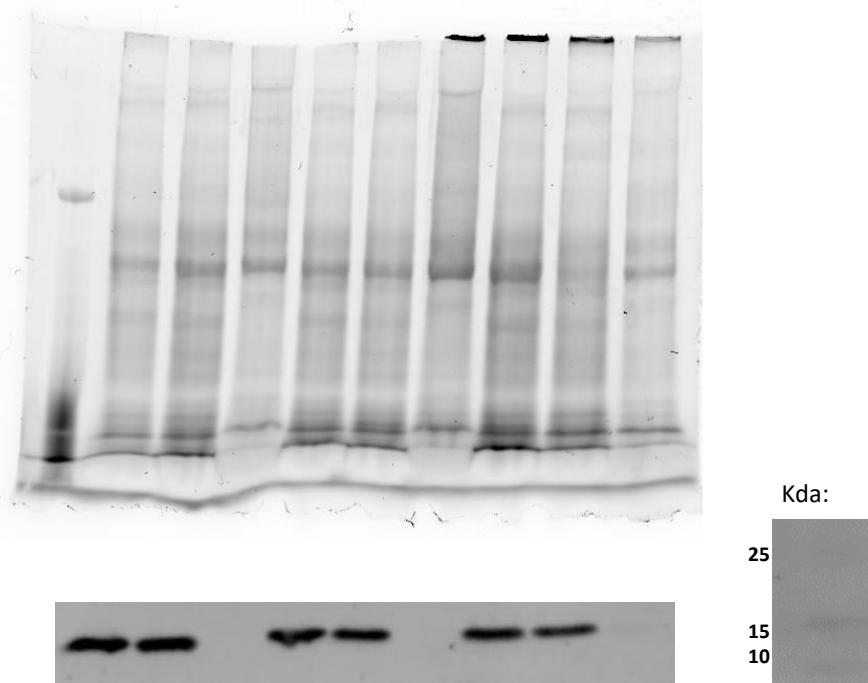
↑      ↑      ↑      ↑      ↑      ↑  
Control    2 Gy    10 Gy    Control    2 Gy    10 Gy    Control    2 Gy    10 Gy

# Cleaved caspase-3

jejunum

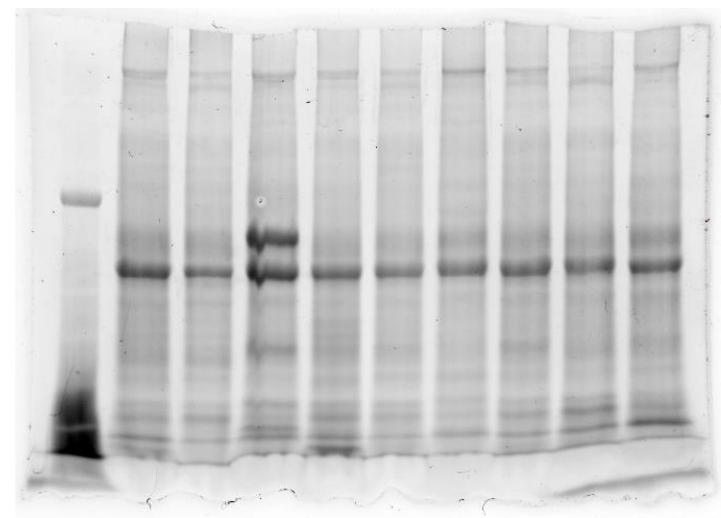
colon

Stain-free gel



↑      ↑      ↑      Control      ↑      ↑  
Control      2 Gy      10 Gy      Control      2 Gy      10 Gy

Stain-free gel



↑      ↑      ↑      Control      ↑      ↑  
Control      2 Gy      10 Gy      Control      2 Gy      10 Gy