2-D gel electrophoretic resolution of DNA replication intermediates

A

(-) 1st dimension (SIZE + shape) (+)

(-) 2nd dimension (SHAPE + size) (+)

2-D gel electrophoretic resolution of DNA replication intermediates

B

Total HMW DNA sample

C

“Bubble trapping” in LGT-agarose

BND-cellulose caffeine-wash fraction

Electrophoretic removal of linear, Y- and X- fragments

LGT-agarose-trapped fraction