**Constantinou Supplementary Figure 1**

(A) Immunoblot showing FANCM expression levels in control and shFANCM treated cells. Actin is used as a loading control.

(B) Box plots showing the length distribution of control and shFANCM treated cells after 15' BrdU treatment. Median lengths are 1.7 μm for control and 2.0 μm for shFANCM treated cells.

(C) Box plots showing the length distribution of control and shFANCM treated cells after 60' BrdU treatment. Median lengths are 18.9 μm for control and 15.1 μm for shFANCM treated cells.

P values for 15' BrdU and 60' BrdU treatments are 0.006 and <0.001, respectively.