

Figure 3A

Exp1.

Samples loaded:

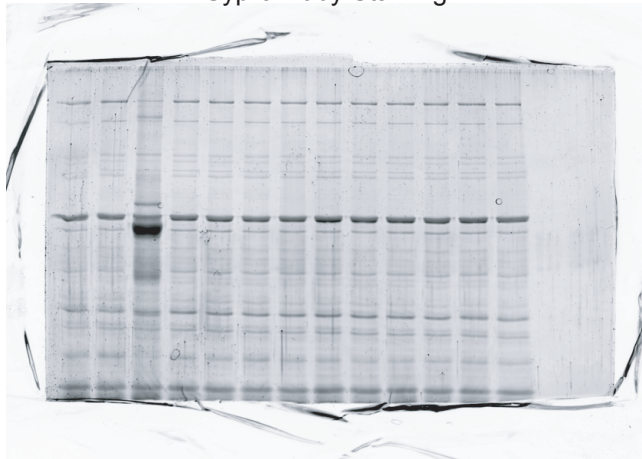
MgCl₂ (μM)

640 320 160 80 40 20

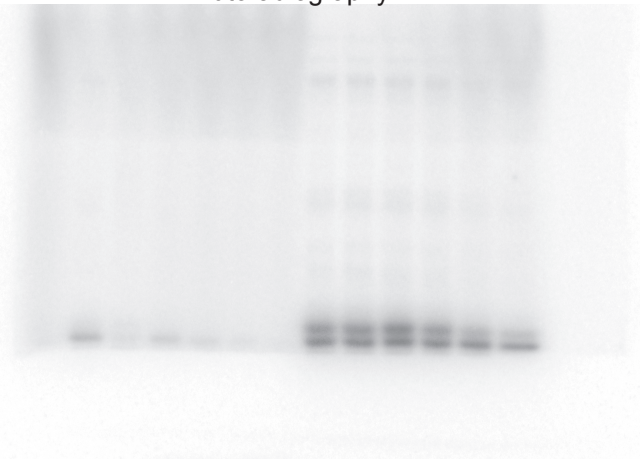
MnCl₂ (μM)

640 320 160 80 40 20

Sypro Ruby Staining



Autoradiography



Exp2. Data shown in Figure 3A

Samples loaded:

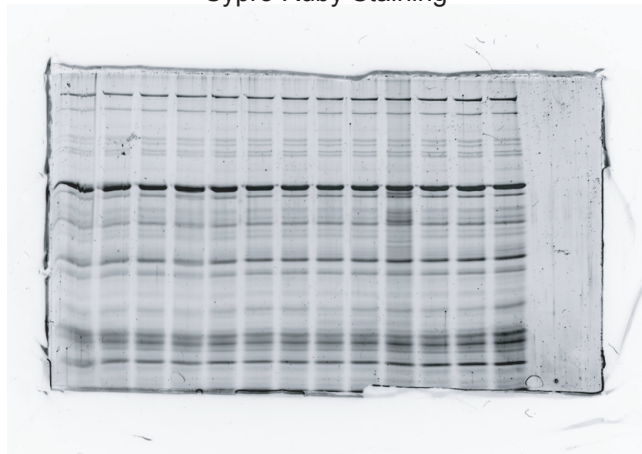
MgCl₂ (μM)

640 320 160 80 40 20

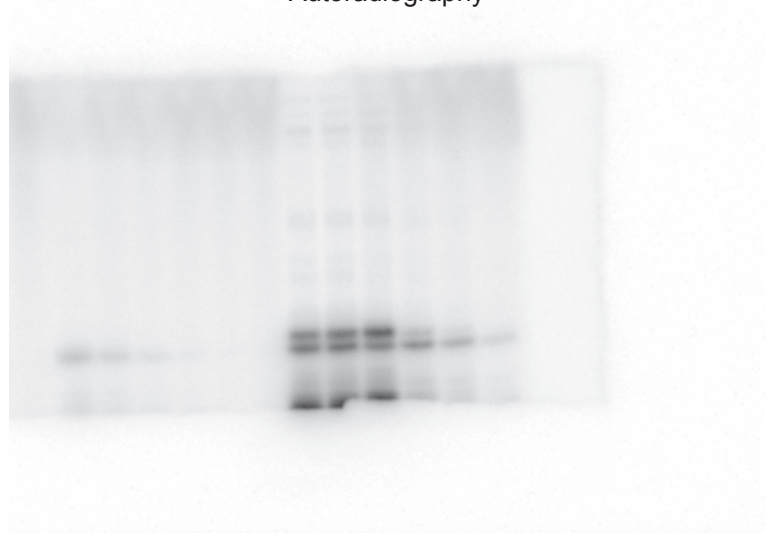
MnCl₂ (μM)

640 320 160 80 40 20

Sypro Ruby Staining



Autoradiography



Exp3.

Samples loaded:

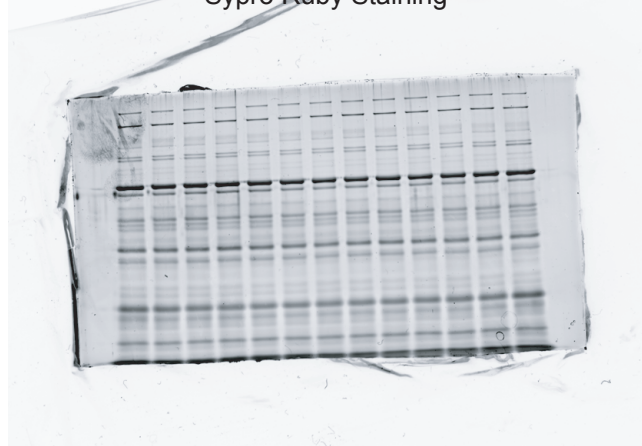
MgCl₂ (μM)

20 40 80 160 320 640

MnCl₂ (μM)

20 40 80 160 320 640

Sypro Ruby Staining



Autoradiography

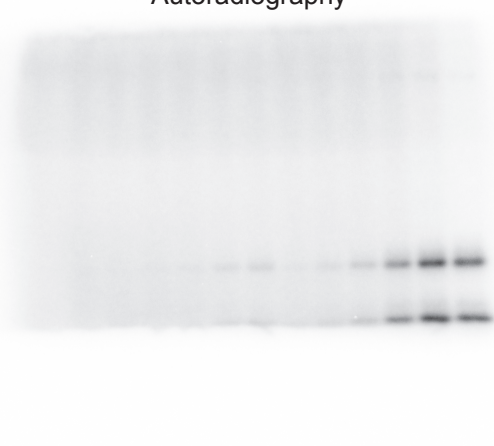


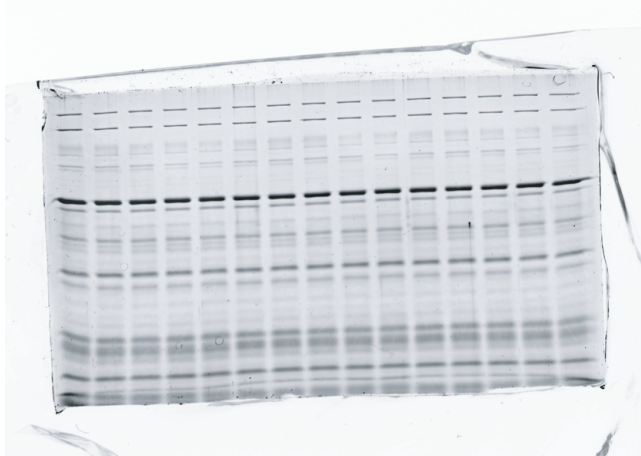
Figure 3C

Exp1. Data shown in Figure 3C.

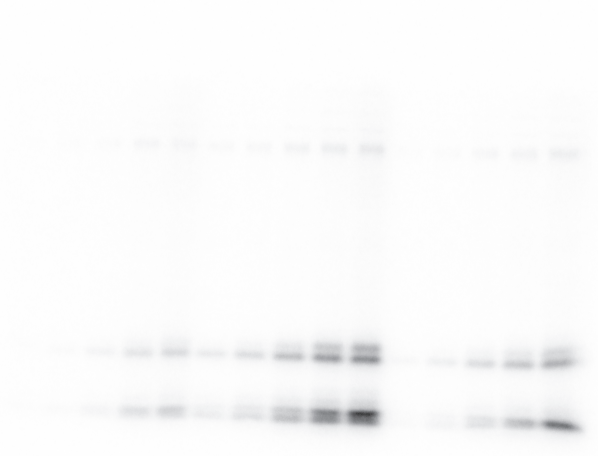
Samples loaded:

MgCl ₂ 4 mM, ATP (μM)				MnCl ₂ 0.16 mM, ATP (μM)				MgCl ₂ 4 mM, MnCl ₂ 0.16 mM, ATP (μM)						
1,2	3,6	11	33	100	1,2	3,6	11	33	100	1,2	3,6	11	33	100

Sypro Ruby Staining



Autoradiography

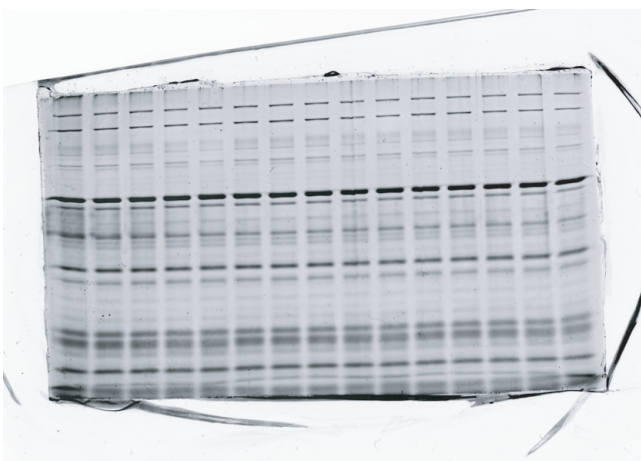


Exp2.

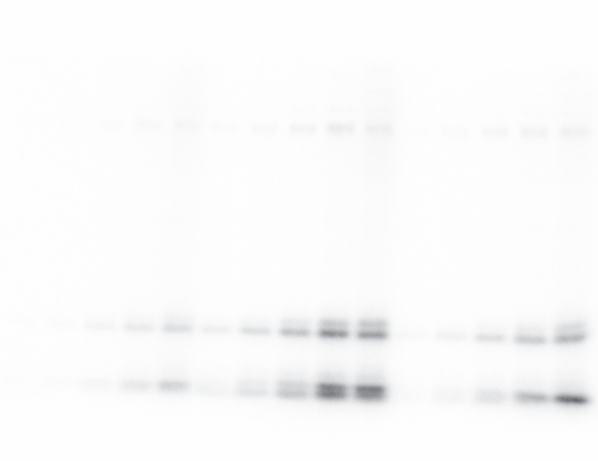
Samples loaded:

MgCl ₂ 4 mM, ATP (μM)				MnCl ₂ 0.16 mM, ATP (μM)				MgCl ₂ 4 mM, MnCl ₂ 0.16 mM, ATP (μM)						
1,2	3,6	11	33	100	1,2	3,6	11	33	100	1,2	3,6	11	33	100

Sypro Ruby Staining



Autoradiography

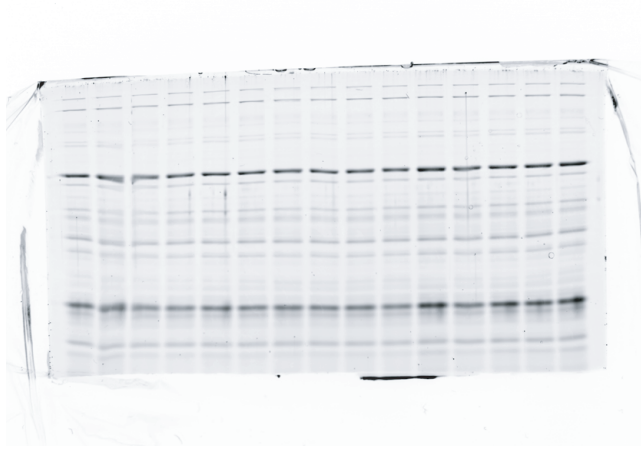


Exp3.

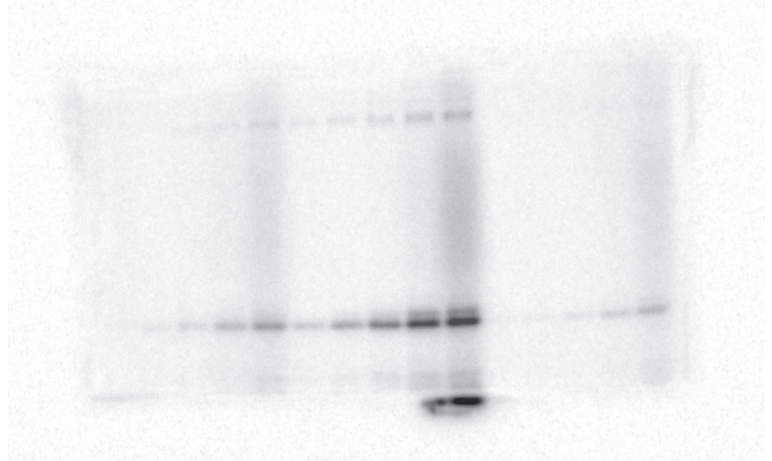
Samples loaded:

MgCl ₂ 4 mM, MnCl ₂ 0.16 mM, ATP (μM)					MnCl ₂ 0.16 mM, ATP (μM)					MgCl ₂ 4 mM, ATP (μM)				
1,2	3,6	11	33	100	1,2	3,6	11	33	100	1,2	3,6	11	33	100

Sypro Ruby Staining



Autoradiography



Expt4.

Samples loaded:

MgCl₂ 4 mM, ATP (μM)

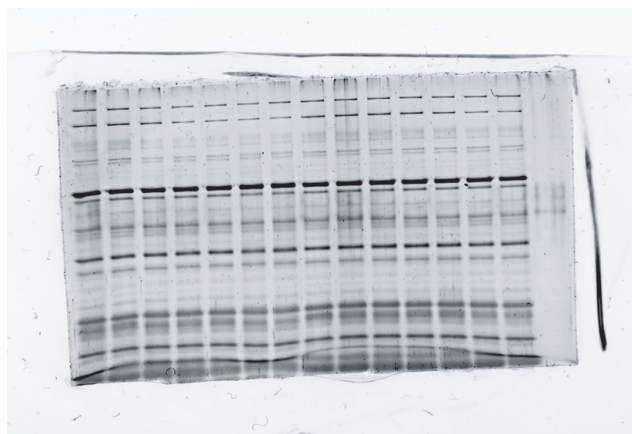
1,2 3,6 11 33 100 300 600

MnCl₂ 4 mM, ATP (μM)

1,2 3,6 11 33 100 300 600

The 300 and 600 μM samples were not quantified.

Sypro Ruby Staining



Autoradiography

