Figure 3A

Sample MaCl2	es loade (µM)	ed:				MnCl2	2 (uM)					
640	320	160	80	40	20	640	320	160	80	40	20	
		Sypr	o Ruby	Staining						Autor	adiography	
1												
1						ni Calandara a						
/												
					0							
17				EEE								
		-10										
						1						
						1						
					-							

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





Exp3. Samples loaded: MgCl2 (μM)



Figure 3C

Exp1.	. Data sł	nown in	Figure 3	C.										
Samp	les load	led:	-											
MgCl	2 4 mM,	ATP (µl	M)	MnCl2	2 0.16 m	nM, ATP	(µM)		MgCl2	24 mM,	MnCl2 (0.16 mN	l, ΑΤΡ (μ	iM)
1,2	3,6	11	33	100	1,2	3,6	11	33	100	1,2	3,6	11	33	100
			Sypro Ri	uby Stain	ing					Au	toradiog	raphy		



Exp2.

Samples loaded:											
MgCl	24 mM,	ATP (µl	M)	MnCl2	2 0.1						
1,2	3,6	11	33	100	1						

MnCl2	2 0.16 m	M, ATP	(µM)
100	1,2	3,6	11

Sypro Ruby Staining



MgCl2 100	4 mM, I 1,2	MnCl2 0 3,6	.16 mM 11	, ΑΤΡ (μ 33	M) 100						
Autoradiography											
				÷							
			-	•							

Exp3.

Samp	les load 2 4 mM	ed: MnCl2	0 16 mN	/ ATP (uM)M	InCl2 0 16 n	nM ATP	(uM)		MaCl	24 mM	ATP (ul	<i>A</i>)		
1,2	3,6	11	33	100	1,2	3,6	11	33	100	1,2	3,6	11	33	100
		Sypro Ruby Staining							Aut	toradiog	iraphy			
	/==													
					====									

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Expt4. Samples loaded: MgCl2 4 mM, ATP (µM) MnCl2 4 mM, ATP (µM) 1,2 3,6 ["]33 100 300 600 1,2 3,6 100 300 600 11 11 33 The 300 and 600 μ M samples were not quantified.

