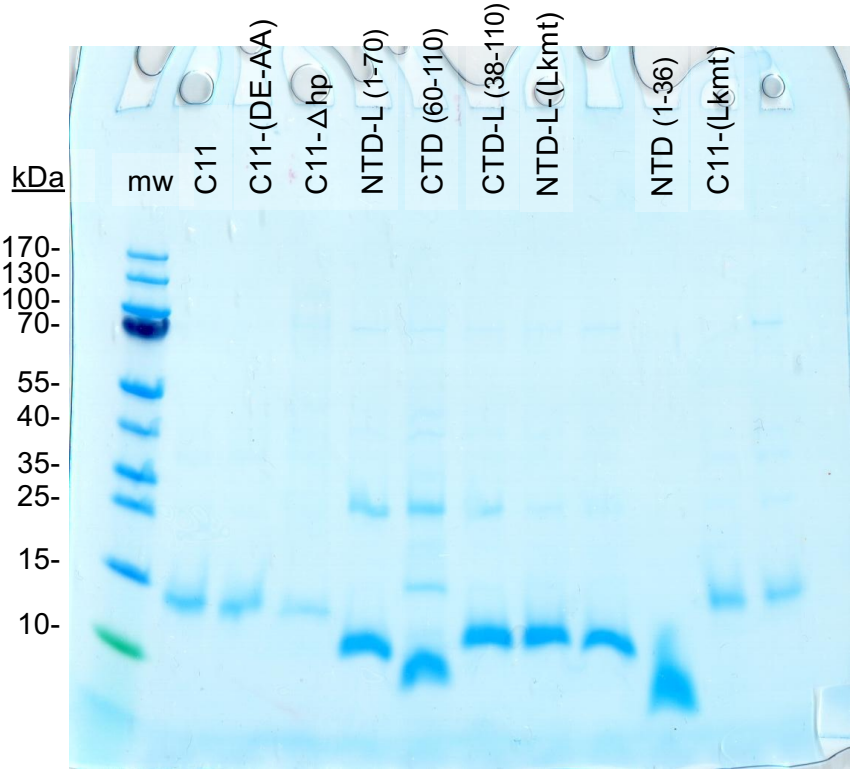


Uncropped gel for Fig 2B

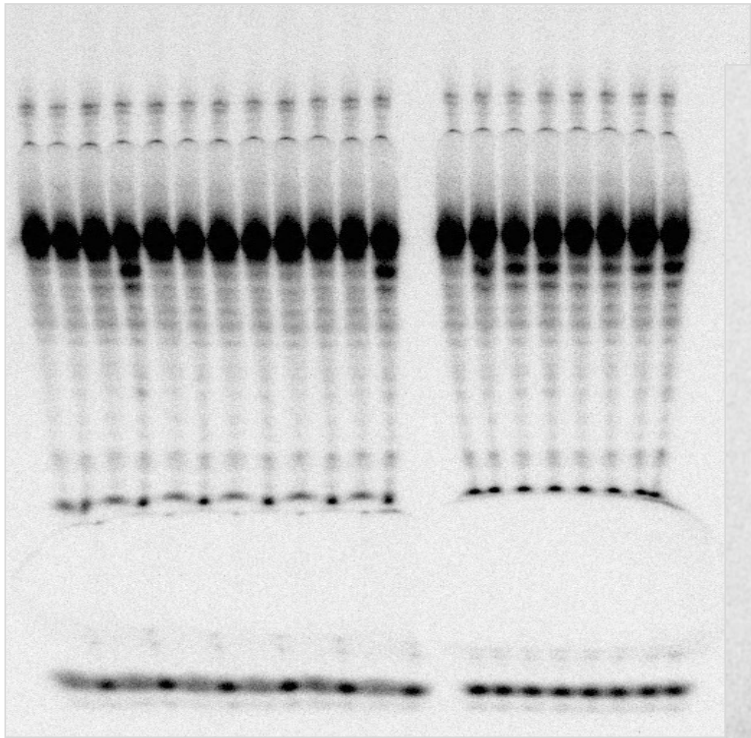


Uncropped gels for Fig 2D

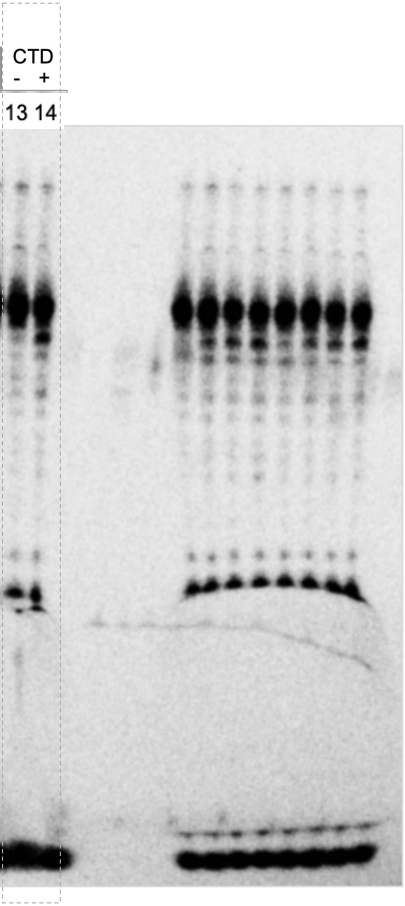
Lanes: 1-12

C11:	-	-	-	-	-	-	-	-	-	-	-	-
	WT	WT	WT	WT	DE-AA	DE-AA	DE-AA	DE-AA	NTD-L	NTD-L	NTD-L	NTD-L
MgCl ₂ :	-	+	-	+	-	+	-	+	-	+	-	+

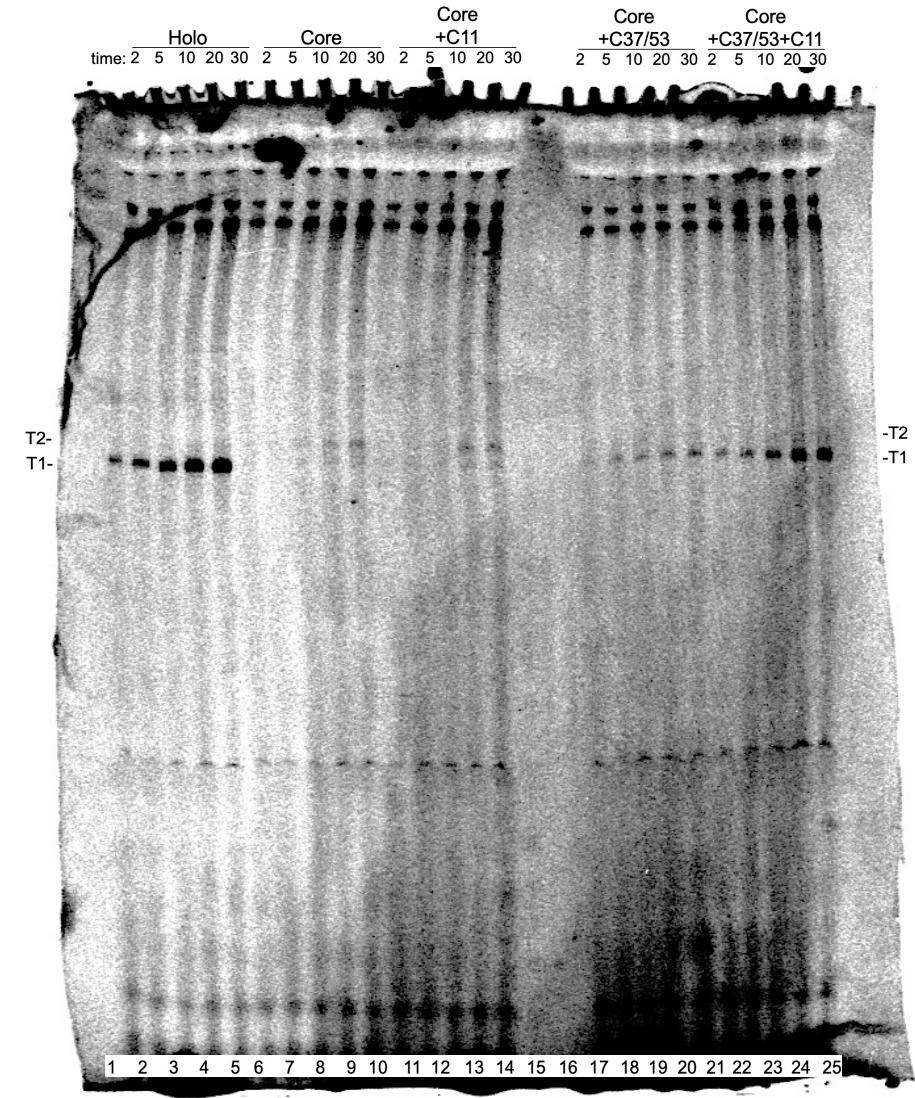
Lanes: 1 2 3 4 5 6 7 8 9 10 11 12



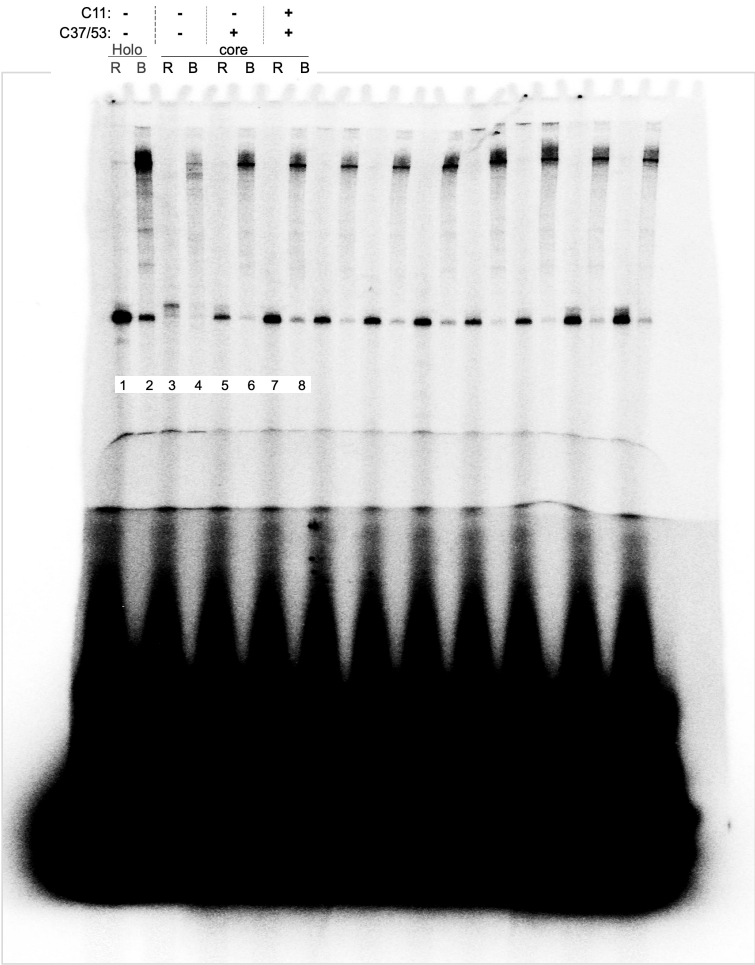
Lanes: 13-14



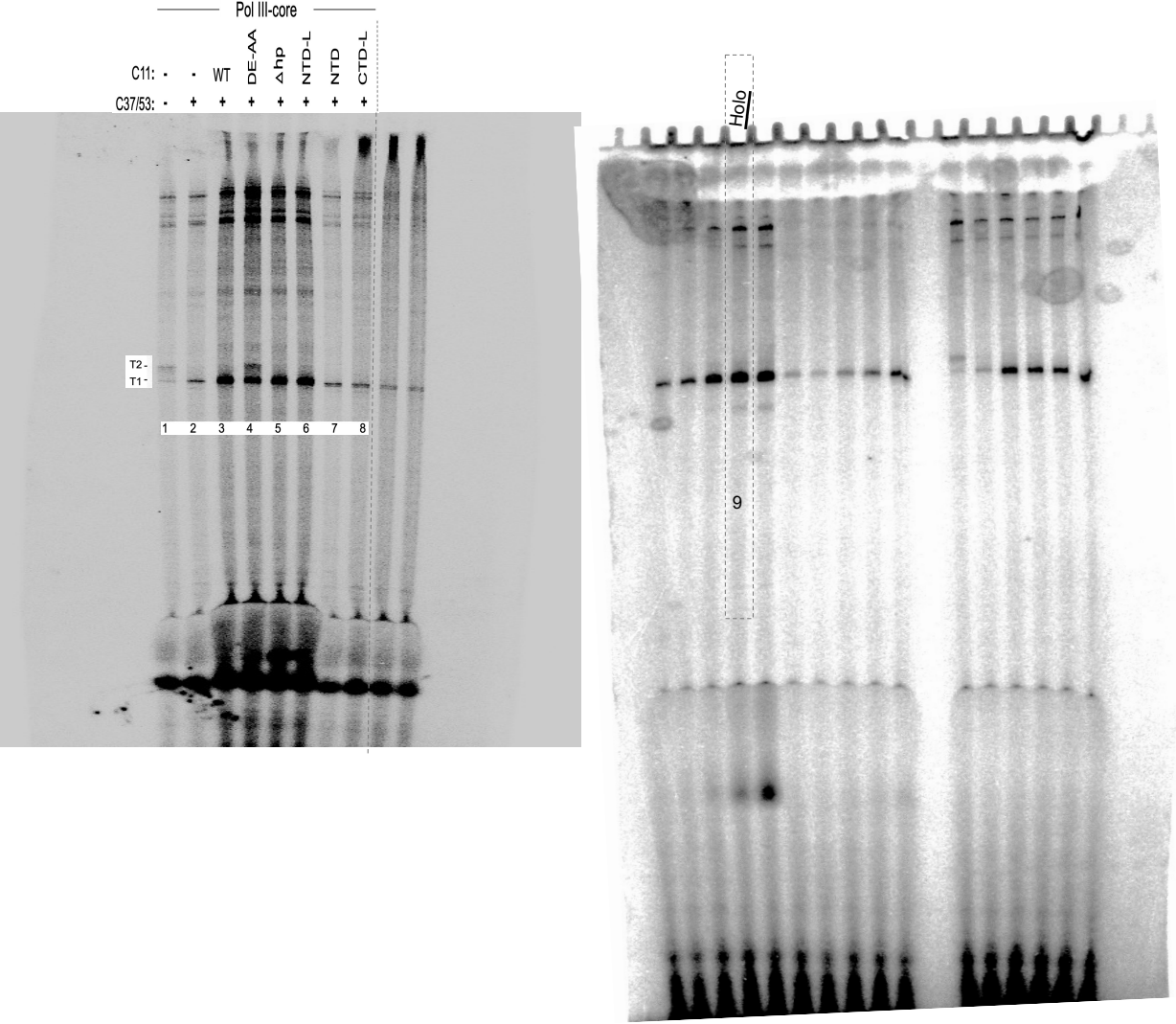
Uncropped gel for Fig 4B



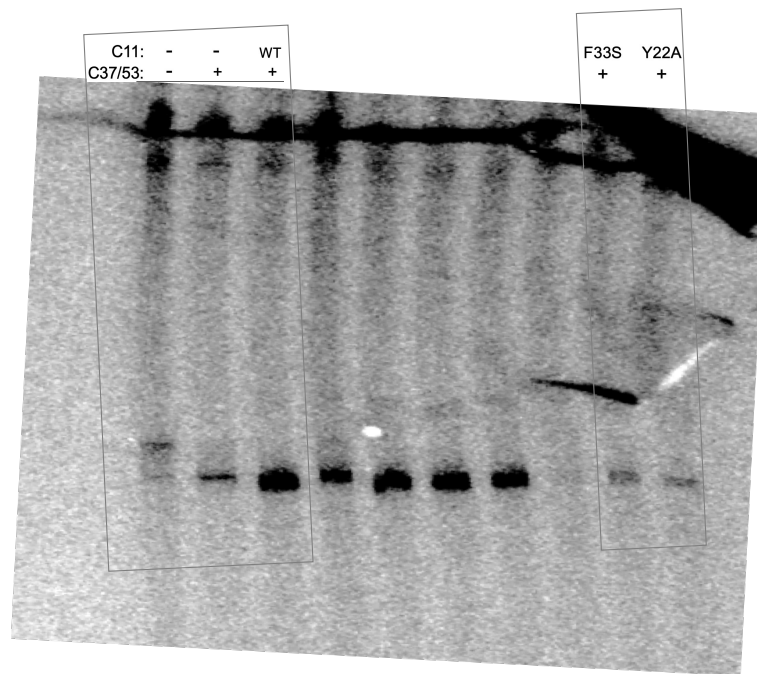
Uncropped gel for Fig 4D



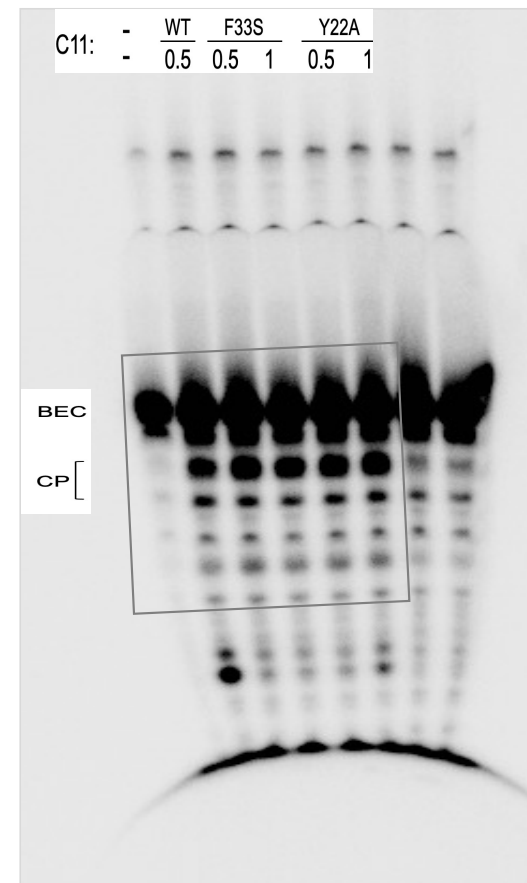
Uncropped gels for Fig 5A



Uncropped gel for Fig 5C



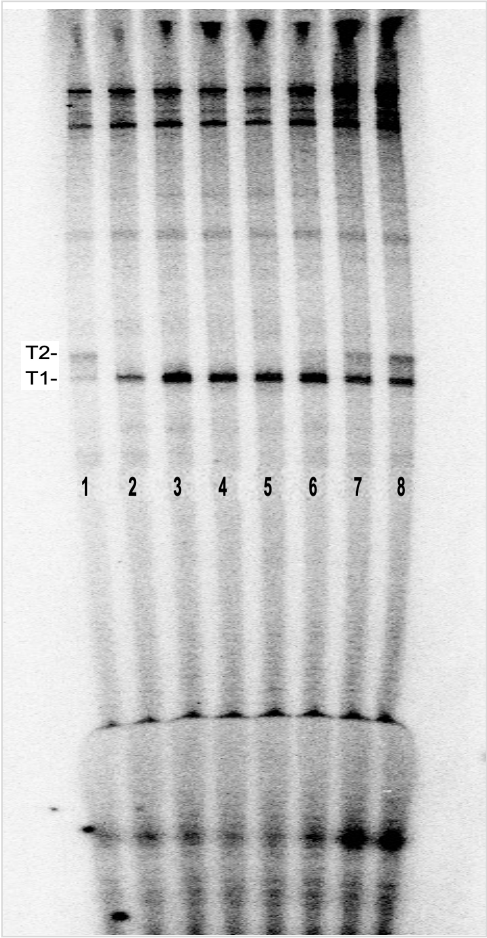
Uncropped gel for Fig 5D



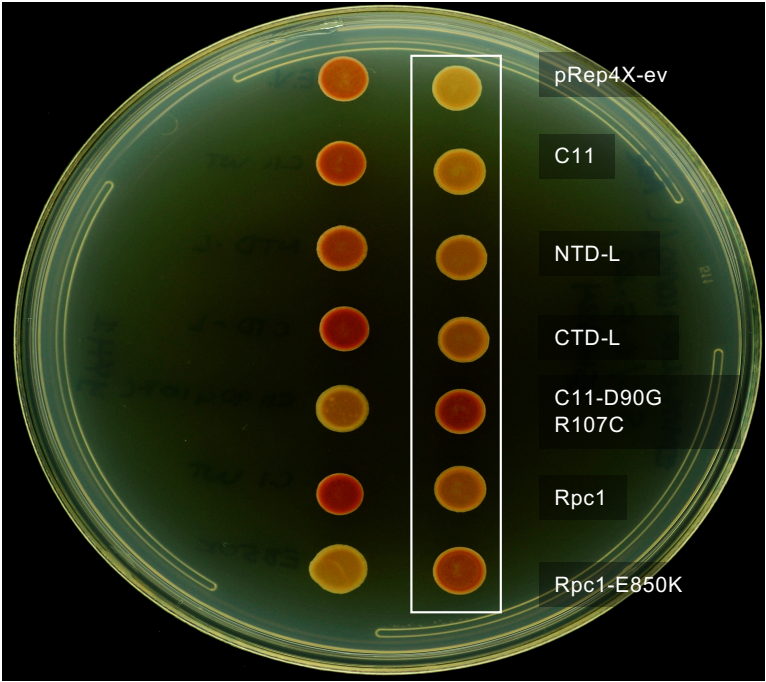
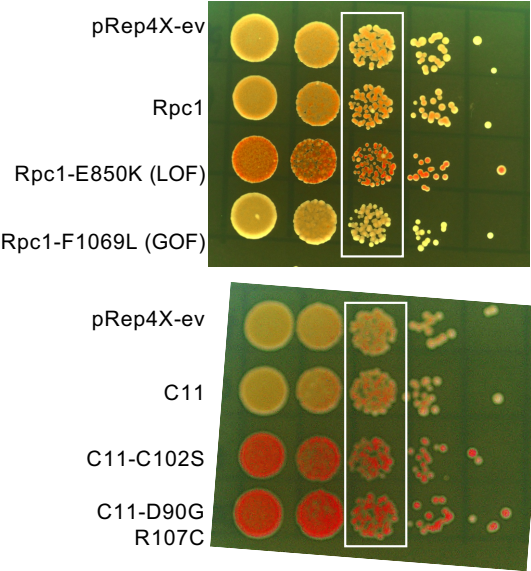
Uncropped gel for Fig 6A

a)

C11:	-	-	C11-Δhp			C11-(DE-AA)		
			100	200	500	100	200	500
C37/53:	-	+	+	+	+	+	+	+

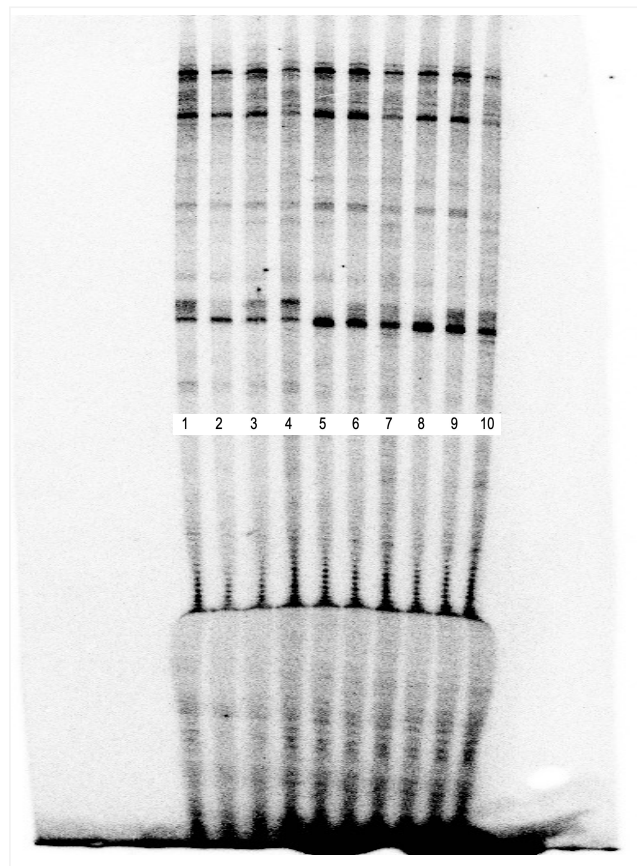


Uncropped images for Fig 6B



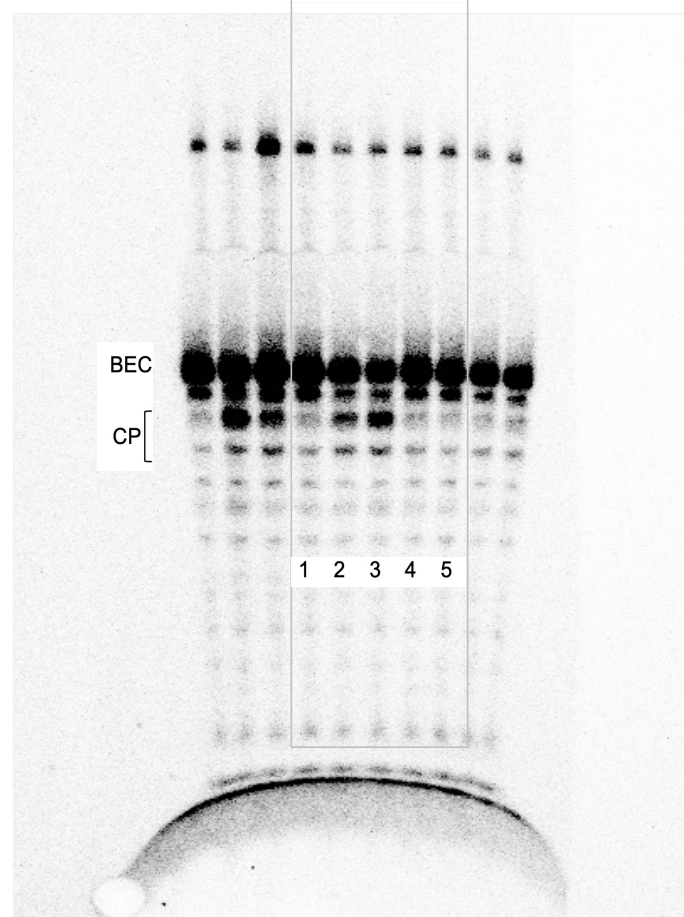
Uncropped gel for Fig 7A

C11: -	-			WT			NTD-L		
C37/53: -	WT	37*	37 ^D	WT	37*	37 ^D	WT	37*	37 ^D



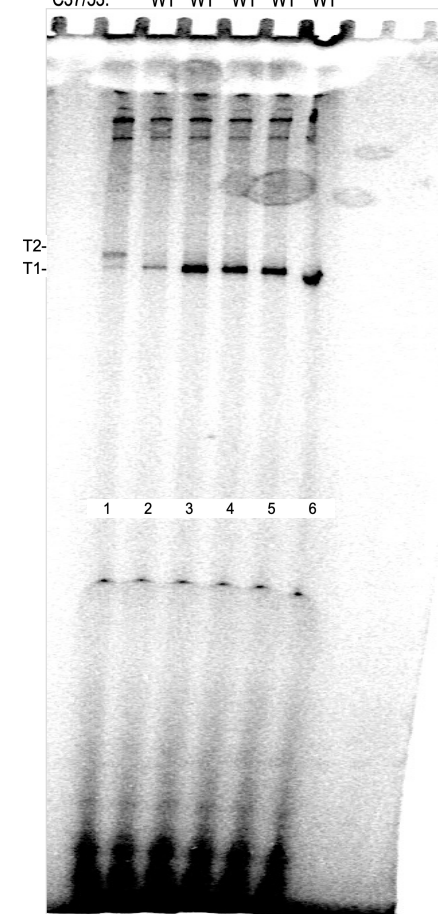
Uncropped gel for Fig 7B

C11: -	C11		C11	
	WT		(Lkmt)	
	0.5	2	2	5

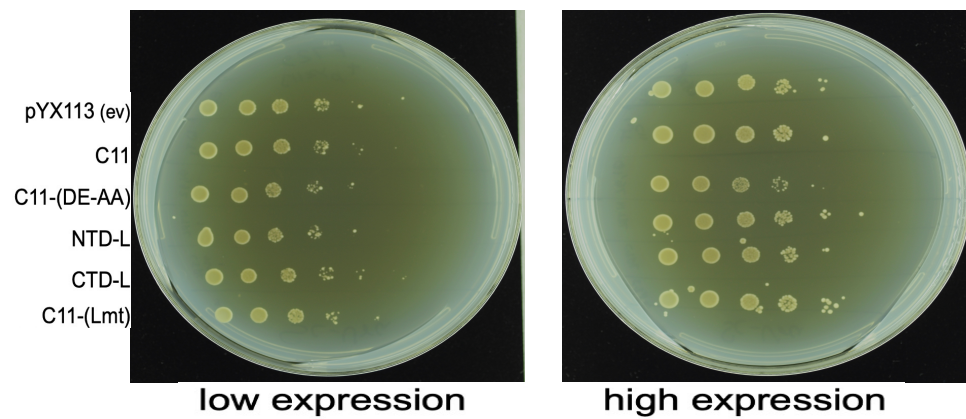


Uncropped gel image for Fig 7C

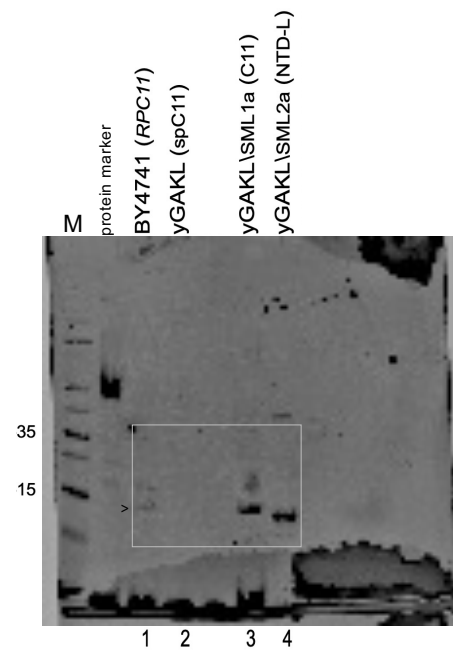
C11: -	-		C11	C11	NTD-L	NTD-L
			(Lkmt)	(Lkmt)		
C37/53: -	WT	WT	WT	WT	WT	WT



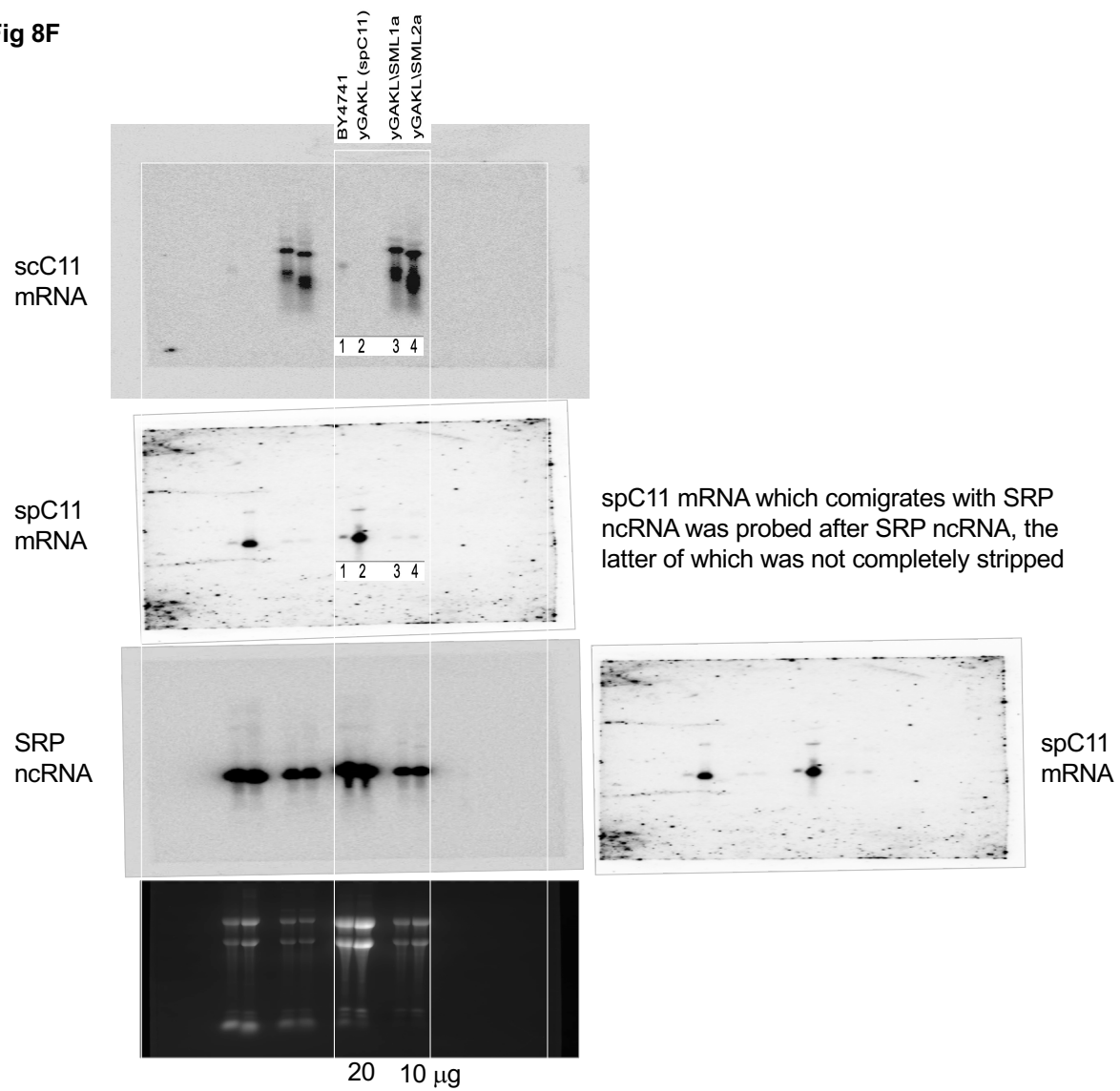
Uncropped images for Fig 8D



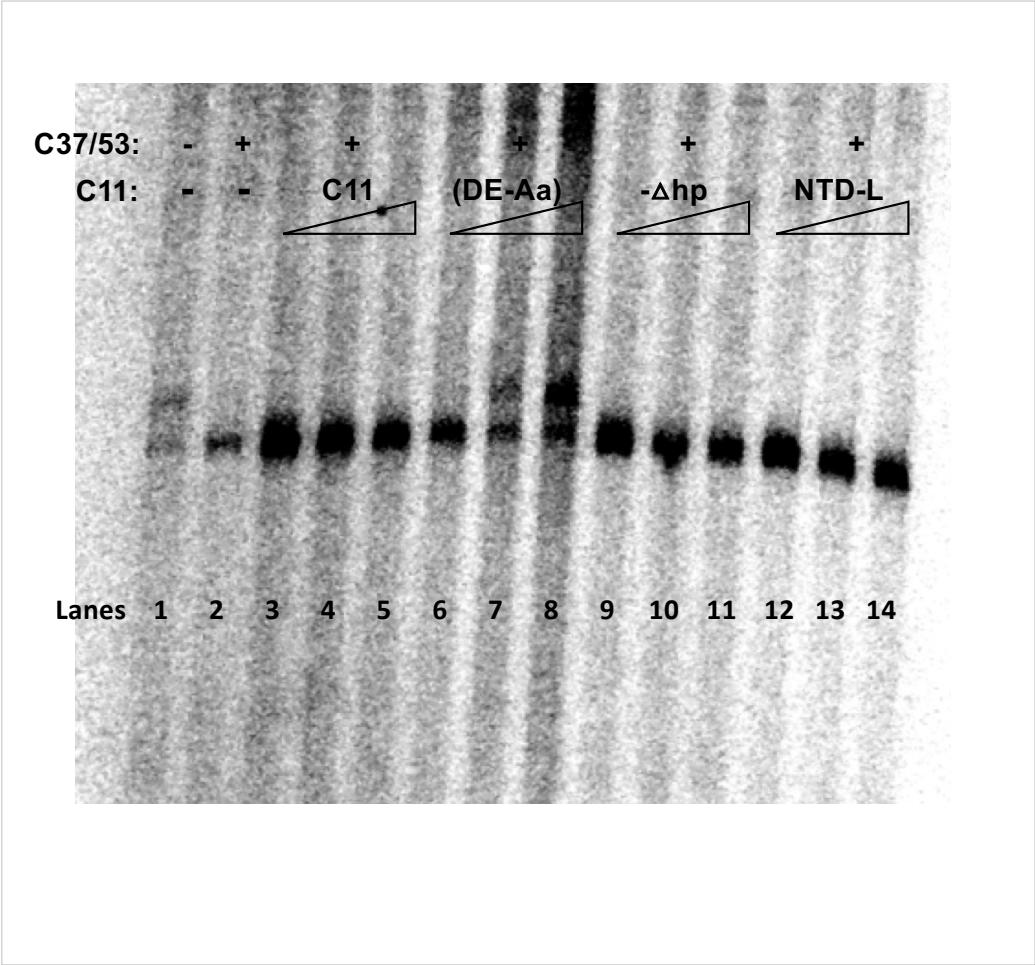
Uncropped blot for Fig 8E



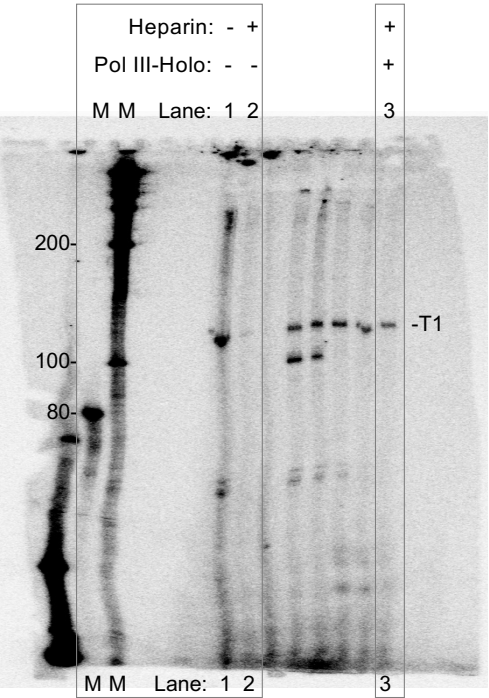
Uncropped blots for Fig 8F



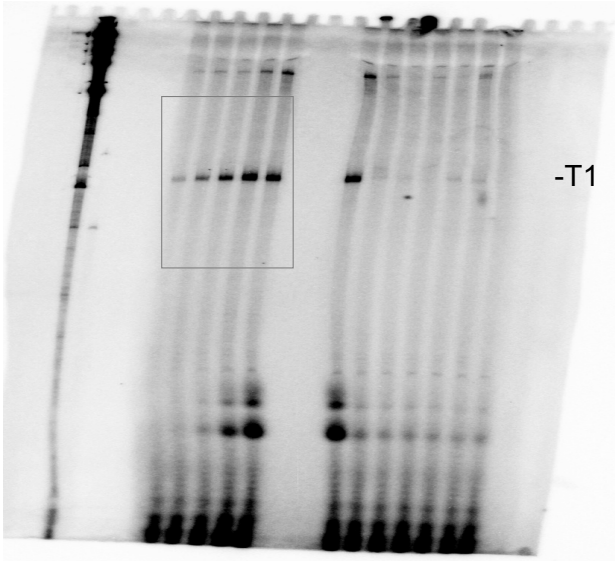
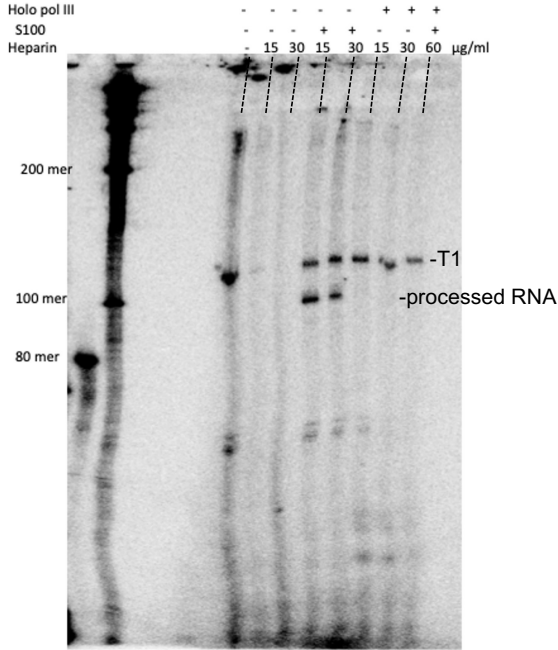
Uncropped gel for SUPPLEMENTARY Fig 4



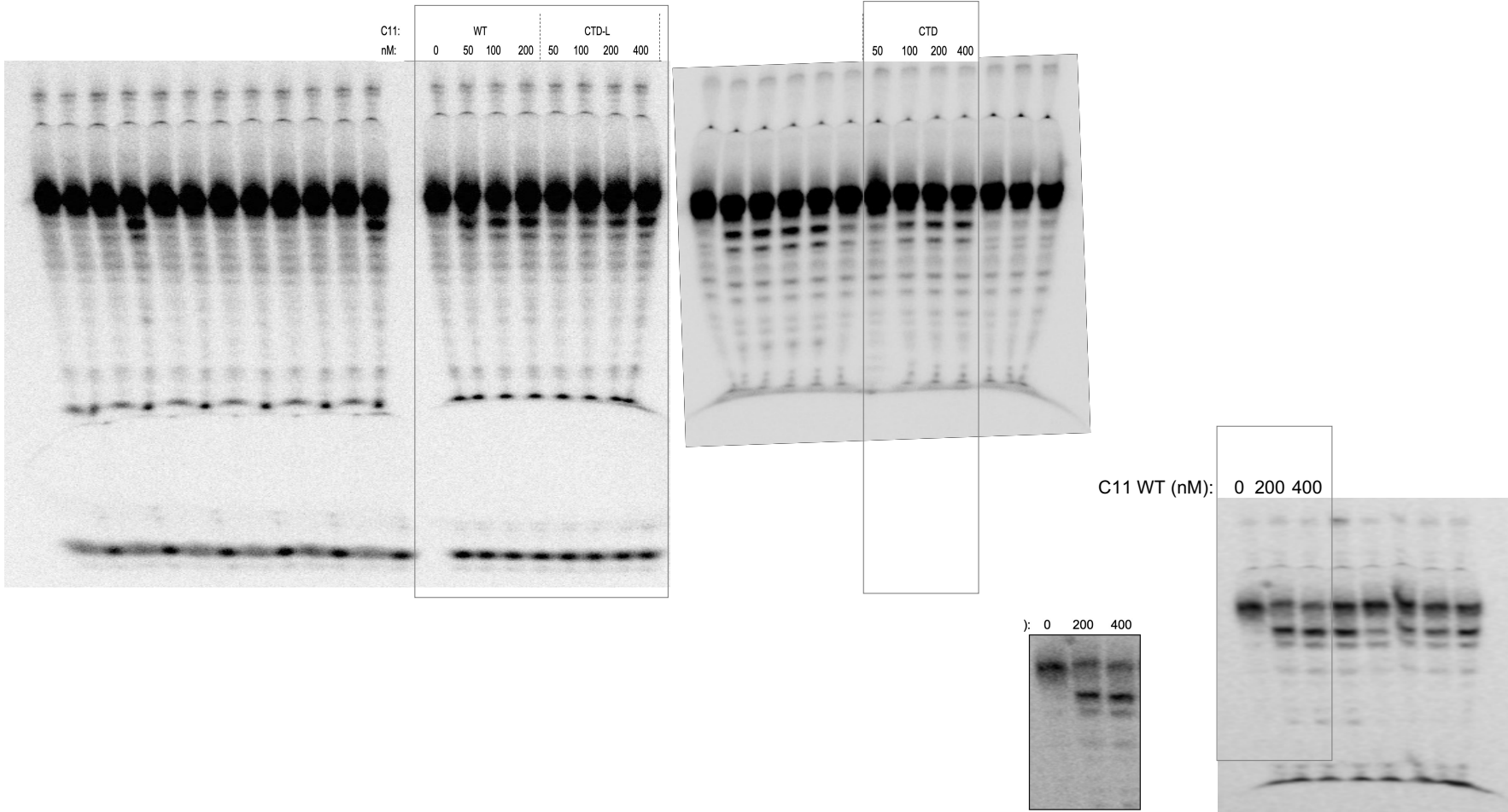
Uncropped gel for SUPPLEMENTARY Fig 2b



Uncropped gel for SUPPLEMENTARY Fig 2c



Uncropped gel for SUPPLEMENTARY Fig 1a

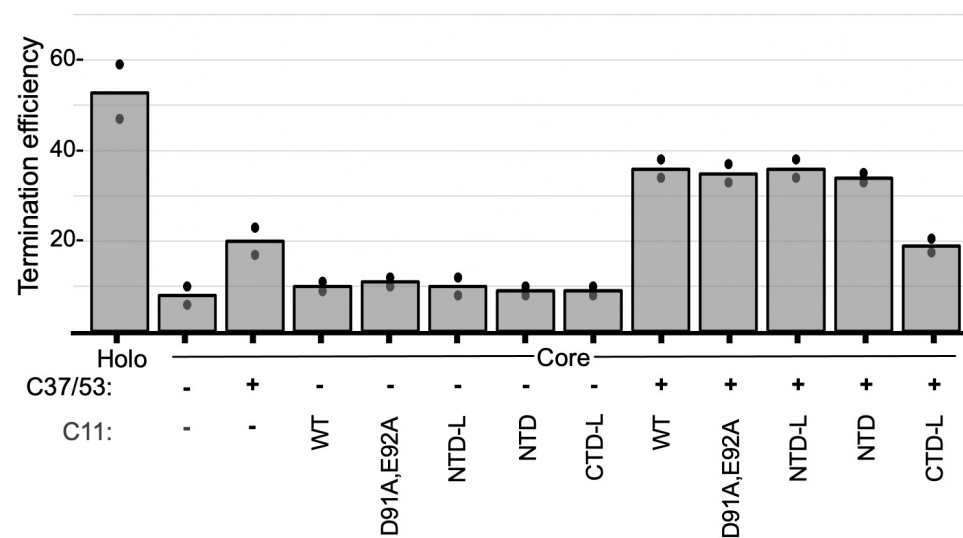


related to figure 3c



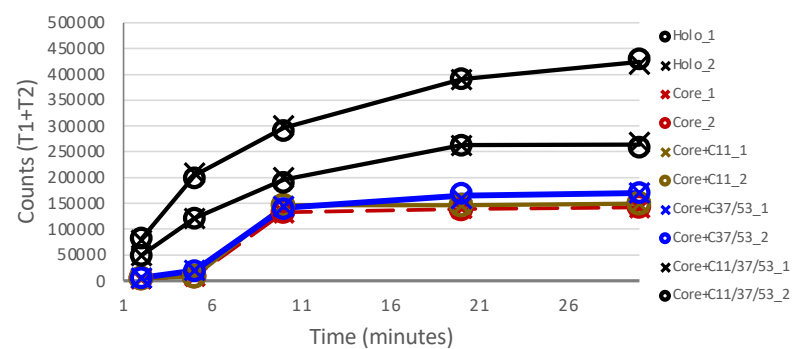
	1st exp	2nd	Avg	SDV	SE
Holo	59	47	53	8.485281	6.000906
Core	10	6	8	2.828427	2.000302
Core+C37/53	23	17	20	4.242641	3.000453
Core+C11	9	11	10	1.414214	1.000151
Core+M	10	12	11	1.414214	1.000151
Core+NTDL	8	12	10	2.828427	2.000302
Core+NTD	8	10	9	1.414214	1.000151
Core+CTDL	10	8	9	1.414214	1.000151
Core+C11+37	38	34	36	2.828427	2.000302
Core+M+37	37	33	35	2.828427	2.000302
Core+NTDL+37	38	34	36	2.828427	2.000302
Core+NTD+37	35	33	34	1.414214	1.000151
Core+CTDL+37	20.5	17.5	19	2.12132	1.500227
P value holo and core= .056					
P value CTDL and wtC11+37= .023					
P value for CTDL and NTDwith WT=.021					
p value for NTD and NTDL with WT = 0.29					
p value for core and core+c37/53 = 0.052929					
column H, line 5					

c)



1		54511.1	1161	-----		-----		7.8	46.95	-----	-----	
2		63631.23	1161	-----		-----		9.11	54.81	-----	-----	
3		75085.98	1161	-----		-----		10.75	64.67	-----	-----	
4		94165.05	1161	-----		-----		13.48	81.11	-----	-----	
5		101771.9	1161	-----		-----		14.57	87.66	-----	-----	
6		47655.71	1161	-----		-----		6.82	41.05	-----	-----	
7		53542.4	1161	-----		-----		7.66	46.12	-----	-----	
8		61053.37	1161	-----		-----		8.74	52.59	-----	-----	
9		74697.09	1161	-----		-----		10.69	64.34	-----	-----	
10		72517.38	1161	-----		-----		10.38	62.46	-----	-----	
Image quant												
Time	Holo	Core	Core+C11	Core+C37/53	Core+C37/53/C11		Time	Holo	Core	Core+C11	Core+C37/53	Core+C37/53/C11
2	82325.6	4124.6	4956.3	5898.4	49228.1		2	80825.05	4140.65	4788.15	5838.2	49263.6
5	199275	8553.9	8877.5	20278.5	121345.2		5	204273	8403	8710.15	19828.5	121322.7
10	291402	131952.9	146563.3	144988.2	200595.9		10	296251.3	132447	146062.7	141993.7	195593.4
20	391012	139890.6	146069.9	159878.8	262303.2		20	390511.5	139375.8	146073	164839.8	262606.2
30	429190	141756.1	149888.5	170089.1	268839.9		30	424184.8	142253.6	149539	170054.1	263889.9
Time	Holo	Core	Core+C11	Core+C37/53	Core+C37/53/C11		Time	Holo	Core	Core+C11	Core+C37/53	Core+C37/53/C11
2	79324.5	4156.7	4620	5778	49299.1							
5	209271	8252.1	8542.8	19378.5	121300.2							
10	301101	132941	145562	138999.2	190590.9							
20	390011	138861	146076	169800.8	262909.2							
30	419980	142751	149888.5	170019.1	258939.9							

related to figure 4c



related to figure 6d

EV	1.1699	7.03E-03	EV	627300	631900	1.17692308	1.16286345	1.16989326	0.00994166	0.00703087	533000	543400
C11	1.0951	0.0432	C11	577000	546500	1.13829158	1.05197305	1.09513231	0.06103641	0.04316578	506900	519500
C11-D90GR107C	0.6631	4.83E-03	90,107	486700	522900	0.65823641	0.66790139	0.6630689	0.00683418	0.00483322	739400	782900
C11-C102S	0.7229	0.044	C102S	404100	431000	0.67893145	0.76690391	0.72291768	0.06220593	0.04399287	595200	562000
C11-NTDL	1.286	0.0394	NTDL	1055000	1066000	1.24660286	1.3253761	1.28598948	0.05570109	0.03939257	846300	804300
C11-CTDL	1.1192	0.0261	CTDL	569000	557400	1.14533011	1.09315552	1.11924282	0.03689301	0.02609124	496800	509900
C1	1.0677	0.0313	C1	937700	994600	1.03636163	1.09900552	1.06768358	0.04429593	0.03132668	904800	905000
C1-E850K	0.6214	0.0801	E850K	354400	331800	0.70150435	0.54127243	0.62138839	0.11330108	0.08012806	505200	613000

Time in hrs	C11 WT	C11WT	Avg	SDV	SE
0	0.05	0.05	0.05	0	0
4	0.065	0.07	0.0675	0.0035355	0.0025004
8	0.09	0.094	0.092	0.0028284	0.0020003
12	0.19	0.18	0.185	0.0070711	0.0050008
18	0.476	0.431	0.4535	0.0318198	0.0225034
24	0.85	0.79	0.82	0.0424264	0.0300045
30	1.41	1.42	1.415	0.0070711	0.0050008
36	1.98	1.86	1.92	0.0848528	0.0600091
42	2.1	2.01	2.055	0.0636396	0.0450068
48	2.12	2.09	2.105	0.0212132	0.0150023
Time in hrs	C11(52,53)				
0	0.05	0.05	0.05	0	0
4	0.052	0.051	0.0515	0.0007071	0.0005001
8	0.07	0.065	0.0675	0.0035355	0.0025004
12	0.09	0.075	0.0825	0.0106066	0.0075011
18	0.226	0.205	0.2155	0.0148492	0.0105016
24	0.481	0.401	0.441	0.0565685	0.040006
30	0.85	0.81	0.83	0.0282843	0.020003
36	1.31	1.41	1.36	0.0707107	0.0500076
42	1.5	1.51	1.505	0.0070711	0.0050008
48	1.55	1.58	1.565	0.0212132	0.0150023
Time in hrs	NTDL				
0	0.05	0.05	0.05	0	0
4	0.051	0.052	0.0515	0.0007071	0.0005001
8	0.061	0.061	0.061	0	0
12	0.071	0.07	0.0705	0.0007071	0.0005001
18	0.17	0.19	0.18	0.0141421	0.0100015
24	0.28	0.35	0.315	0.0494975	0.0350053
30	0.45	0.49	0.47	0.0282843	0.020003
36	0.75	0.65	0.7	0.0707107	0.0500076
42	1.2	1.05	1.125	0.106066	0.0750113
48	1.23	1.09	1.16	0.0989949	0.0700106
Time in hrs	(NTDL52,53)				
0	0.05	0.05	0.05	0	0
4	0.05	0.052	0.051	0.0014142	0.0010002
8	0.06	0.06	0.06	0	0
12	0.071	0.065	0.068	0.0042426	0.0030005
18	0.158	0.12	0.139	0.0268701	0.0190029
24	0.25	0.231	0.2405	0.013435	0.0095014
30	0.44	0.41	0.425	0.0212132	0.0150023
36	0.761	0.661	0.711	0.0707107	0.0500076
42	1.11	1.04	1.075	0.0494975	0.0350053
48	1.2	1.05	1.125	0.106066	0.0750113

related to figure 8c