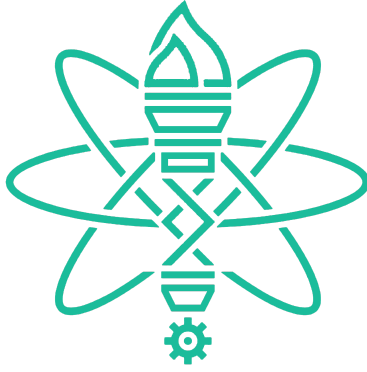


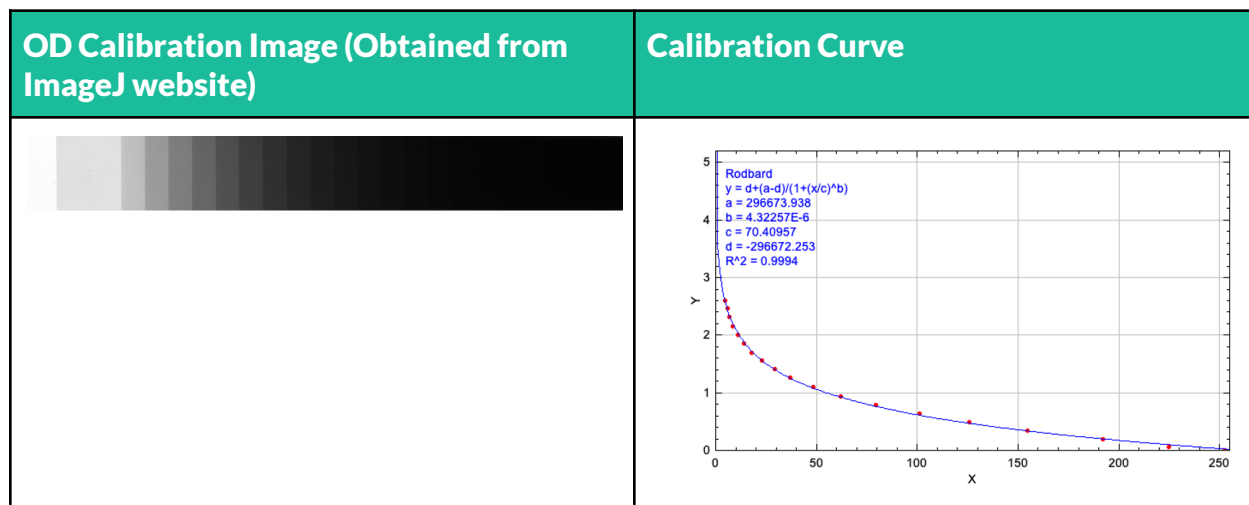


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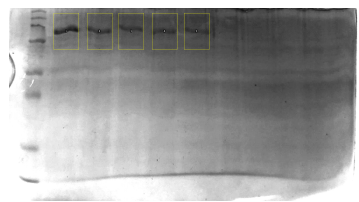
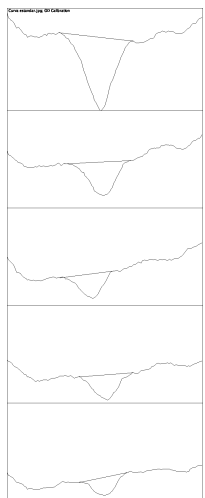
REPORT OF THE RESULTS IN THE ANALYSIS OF THE GELS USING IMAGEJ

IMAGEJ GEL ANALYSIS

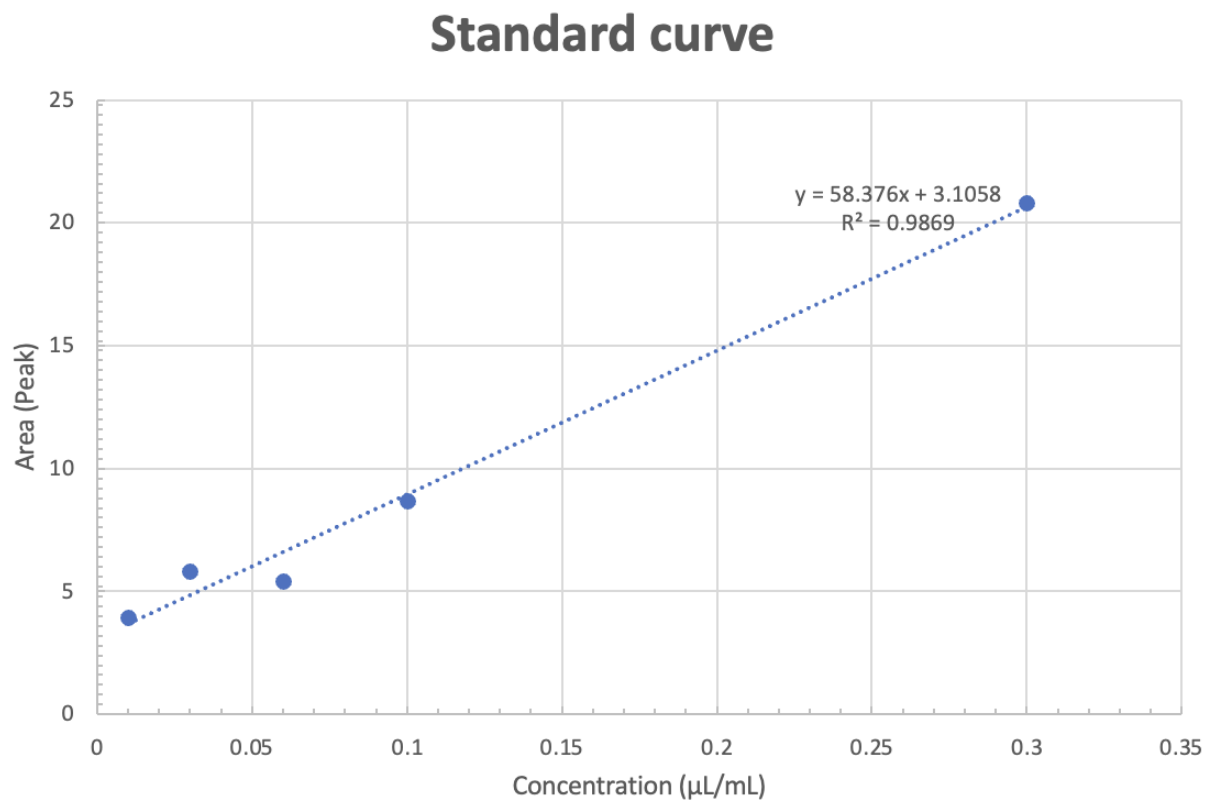
OD Calibration Image



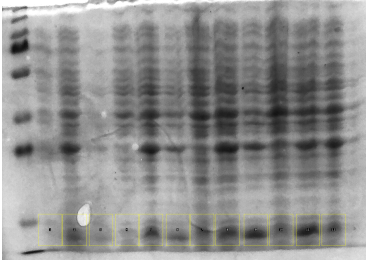
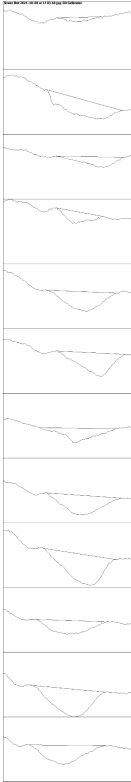
Standard curve with known concentrations

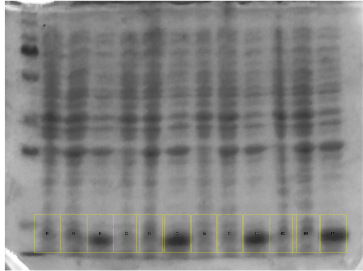
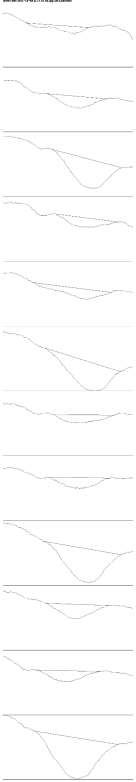
Induction 24 hrs May 29 - Rsn 2 (1)				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.3	20.835
		2	0.1	8.683
		3	0.06	5.438
		4	0.03	5.817
		5	0.01	3.944

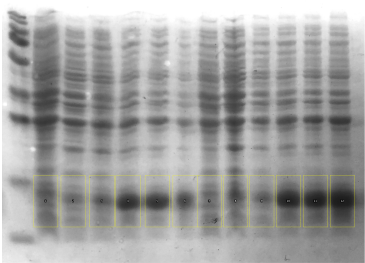
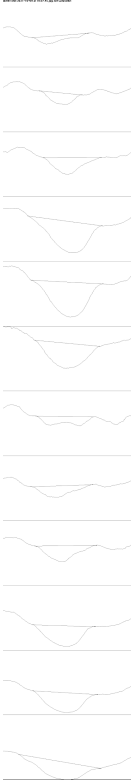
Standard curve (Graph)



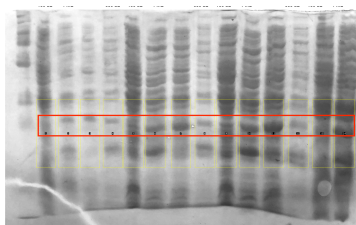
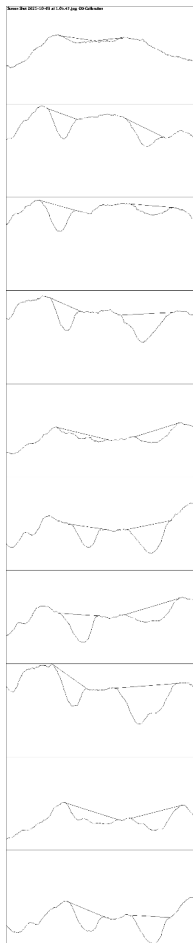
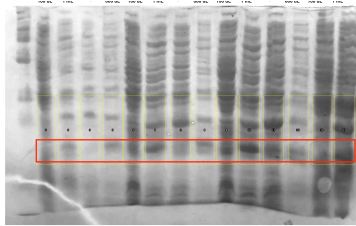
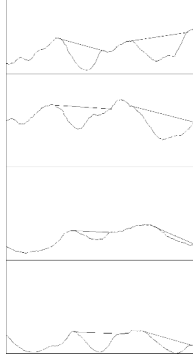
Rsn2 3K3

Induction 24 hrs May 29 - Rsn 2				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	-0.0285	2.521
		2	0.1875	22.545
		3	0.0377	8.661
		4	0.0251	7.489
		5	0.1456	18.66
		6	0.1613	20.12
		7	0.0747	12.092
		8	0.1648	20.448
		9	0.2777	30.911
		10	0.1022	14.643
		11	0.2518	28.513
		12	0.1554	19.571

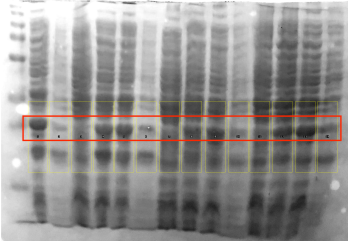
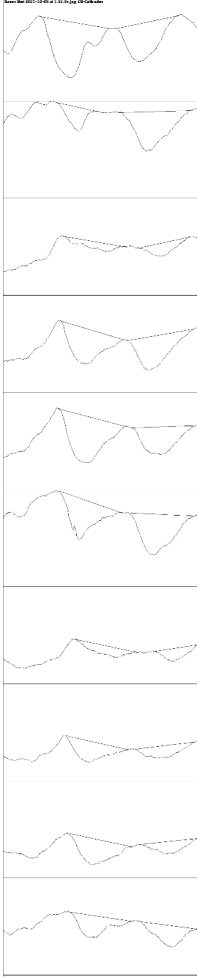
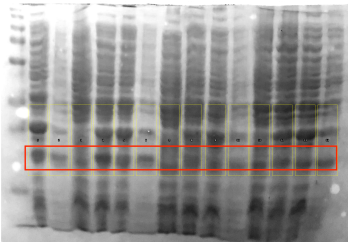
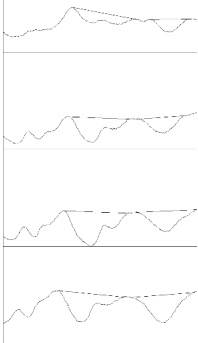
Induction 24 hrs May 29 - Rsn 2				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.0239	7.376
		2	0.0804	12.62
		3	0.3444	37.097
		4	0.0685	11.517
		5	0.0911	13.606
		6	0.3701	39.484
		7	0.0526	10.04
		8	0.0794	12.522
		9	0.4472	46.632
		10	0.1148	15.809
		11	0.0770	12.299
		12	0.6014	60.931

Induction 24h June 2 - Rsn2 High Concentrations				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.0202	7.031
		2	0.0435	9.199
		3	0.1171	16.017
		4	0.3929	41.6
		5	0.4253	44.608
		6	0.2948	32.501
		7	0.0655	11.233
		8	0.0744	12.056
		9	0.1184	16.138
		10	0.2081	24.46
		11	0.2099	24.624
		12	0.2376	27.199

Rsn3-5 3k3

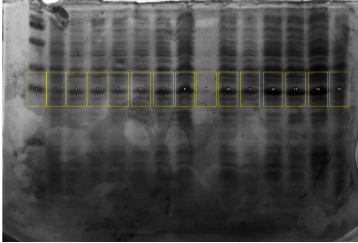
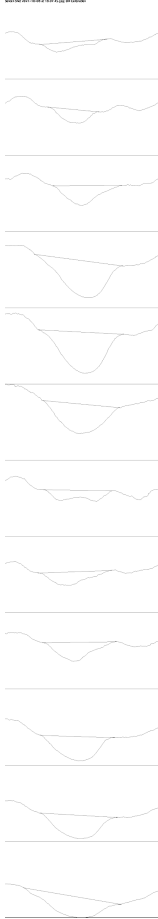
Induction 24h June 21 - Rsn 3-5				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	-0.0416	1.305
		2	0.0115	6.228
		3	0.0237	7.355
		4	0.0149	6.538
		5	-0.0297	2.407
		6	0.0035	5.489
		7	0.0416	9.017
		8	0.0282	7.779
		9	0.0177	6.801
		10	0.0179	6.825
		11	0.0475	9.563
		12	0.0434	9.189
		13	-0.0277	2.589
		14	0.0227	7.263
				
		1	-0.0500	0.521
		2	0.0035	5.487
		3	-0.0172	3.569
		4	0.0712	11.762
		5	-0.0012	5.05
		6	0.0611	10.825

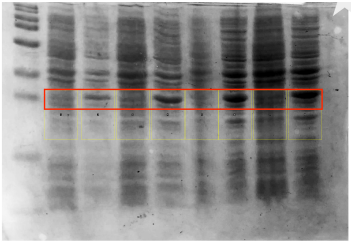
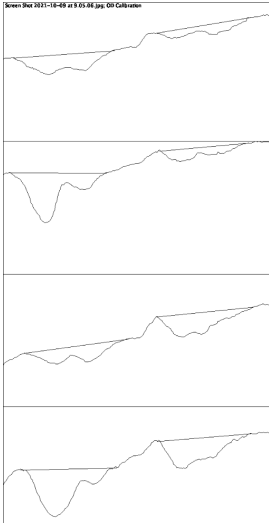
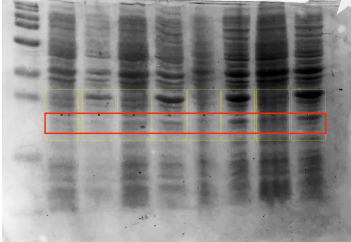
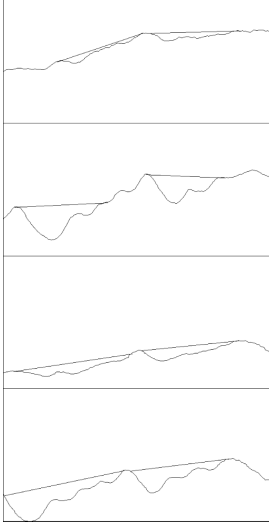
		7	0.0336	8.278
		8	0.1626	20.242
		9	0.0314	8.069
		10	0.0475	5.566
		11	0.0886	13.373
		12	0.0974	14.198
		13	-0.0387	1.569
		14	0.0023	5.375

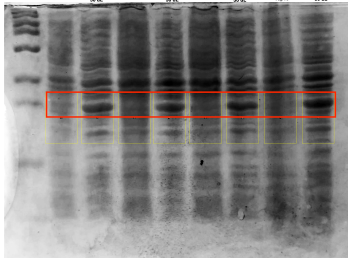
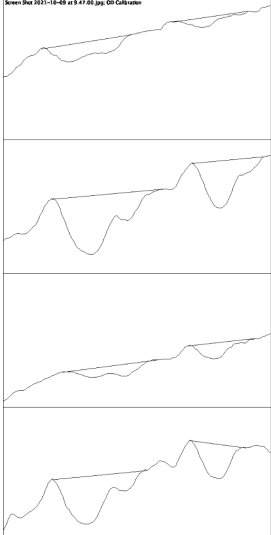
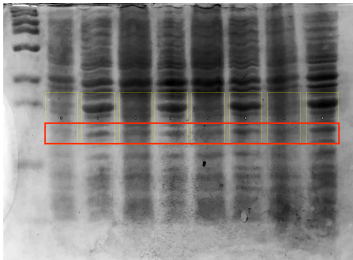
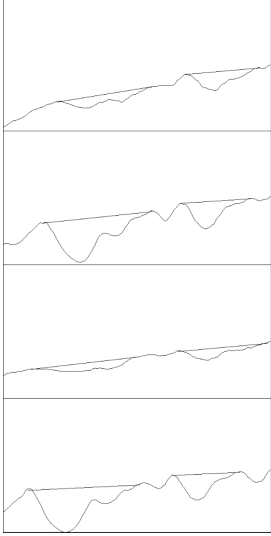
Induction 24h June 21 - Rsn 3-5				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.2615	29.408
		2	0.0117	6.244
		3	-0.0113	4.113
		4	0.1455	18.657
		5	0.2246	25.991
		6	0.1215	16.425
		7	0.0008	5.234
		8	0.0569	10.441
		9	0.0896	13.474
		10	0.0525	10.025
		11	0.0121	6.285
		12	0.0610	10.82
		13	0.1246	16.719
		14	0.0812	12.691
				
		1	0.1514	19.198
		2	0.1625	20.233
		3	-0.0002	5.14
		4	0.1263	16.874
		5	0.1052	14.913
		6	0.1684	20.781

		7	-0.0079	4.426
		8	0.0142	6.476
		9	0.0056	5.683
		10	0.0429	9.135
		11	-0.0151	3.764
		12	0.0061	5.724
		13	0.0387	8.745
		14	0.0738	12.002

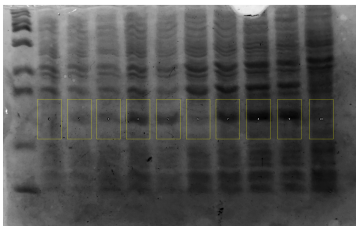
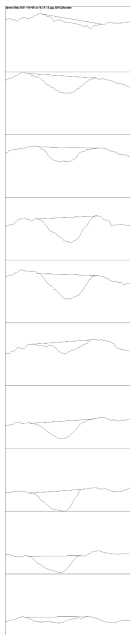
Induction 24h June 2 - Rsn3-5 Low Concentrations

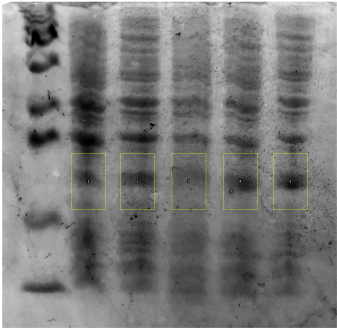
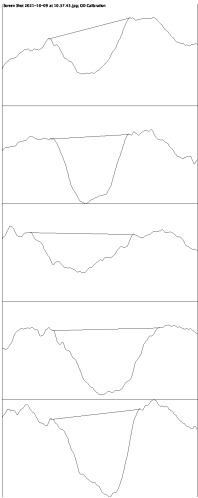
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.2059	24.258
		2	-0.0068	4.53
		3	0.0309	8.029
		4	0.0551	10.271
		5	0.0506	9.853
		6	0.0559	10.342
		7	0.0634	11.036
		8	0.0758	12.187
		9	-0.0131	3.95
		10	0.0710	11.748
		11	0.0402	8.892
		12	0.0785	12.445
		13	0.0791	12.493
		14	0.0503	9.827
		15	-0.0360	1.822

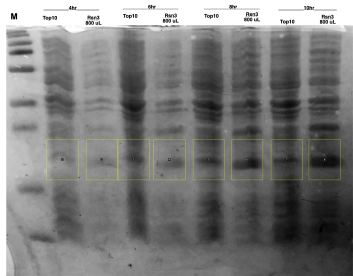
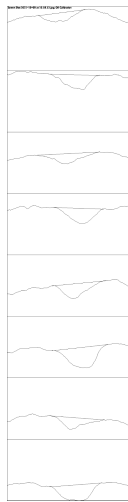
Induction 24h July 6 - Rsn-3-5 75 mM				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.0390	8.778
		2	0.1000	14.433
		3	0.0207	7.079
		4	0.1103	15.392
		5	-0.0362	1.806
		6	0.0646	11.149
		7	0.0040	5.532
		8	0.0974	14.193
				
		1	-0.0085	4.369
		2	-0.0076	4.451
		3	0.0429	9.141
		4	0.0624	10.952
		5	-0.0267	2.683
		6	0.0303	7.972
		7	-0.0023	4.949
		8	0.0334	8.254

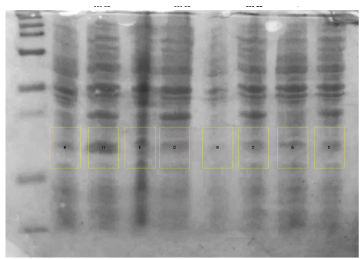
Induction 24h July 6 - Rsn-3-5 75 mM				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.0246	7.439
		2	0.2014	23.843
		3	-0.0114	4.106
		4	0.1317	17.372
		5	-0.0097	4.262
		6	0.1206	16.341
		7	-0.0135	3.904
		8	0.1296	17.181
				
		1	-0.0319	2.204
		2	0.0818	12.747
		3	-0.0173	3.558
		4	0.0264	7.606
		5	-0.0031	4.873
		6	0.0102	6.105
		7	-0.0222	3.105
		8	0.0073	5.84

Rsn3 3k3

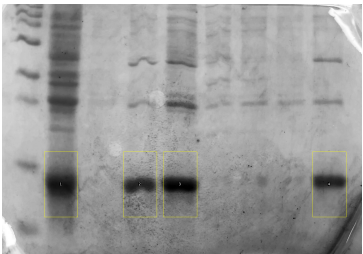
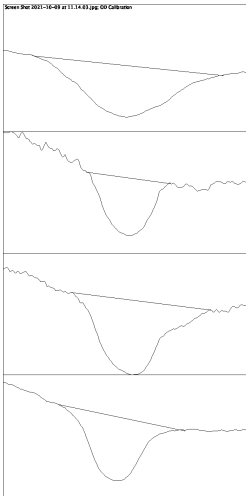
Induction 8h July 9 - Rsn3 Different Concentrations				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.0171	6.744
		2	0.1761	21.49
		3	0.1140	15.729
		4	0.2471	28.075
		5	0.2445	27.84
		6	0.0635	11.052
		7	0.1394	18.085
		8	0.1695	20.878
		9	0.1274	16.973
		10	0.0224	7.24

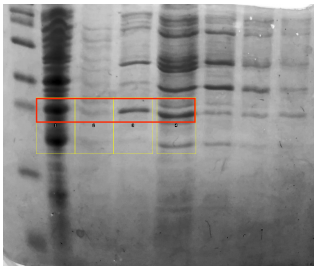
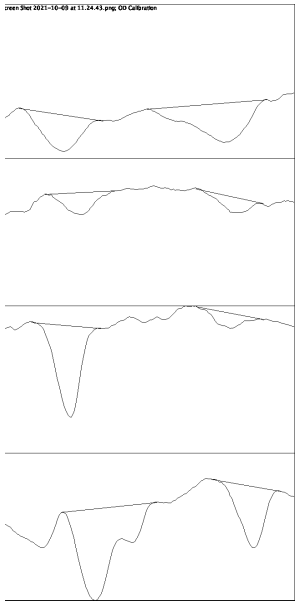
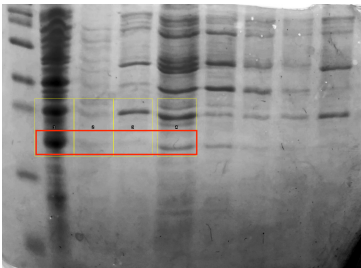
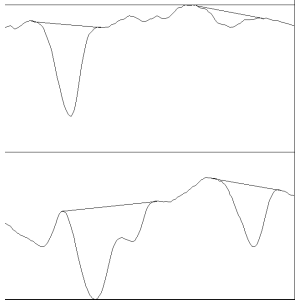
Induction 8h July 9 - Rsn3 Different Concentrations				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.3006	33.042
		2	0.4366	45.648
		3	0.3287	35.647
		4	0.5794	58.891
		5	0.6014	60.932

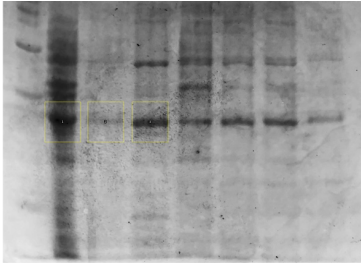
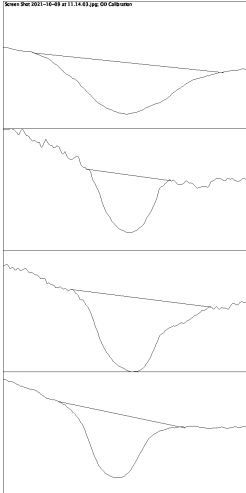
Induction 24h July 13 - 1000 mM vallinate				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.0398	8.847
		2	0.0977	14.225
		3	0.0574	10.487
		4	0.1023	14.649
		5	0.0863	13.16
		6	0.1905	22.83
		7	0.0520	9.98
		8	0.1471	18.807

Induction 24h July 13 - 1000 mM vallinate				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.1400	18.143
		2	0.5070	52.18
		3	0.1202	16.312
		4	0.2381	27.238
		5	0.0593	10.659
		6	0.2161	25.205
		7	0.1766	21.54
		8	0.2270	26.215

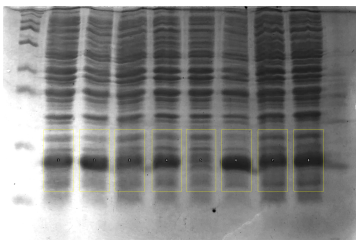
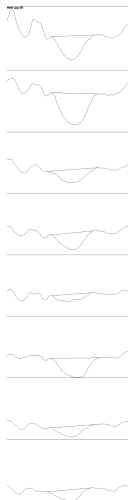
Purificaciones

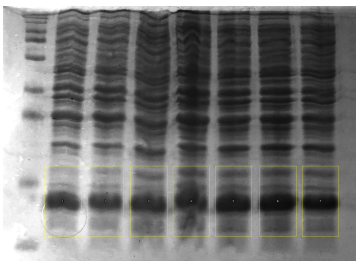
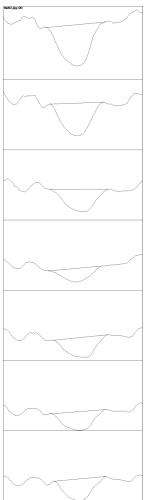
Purification Rsn-2				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.4459	46.516
		3	0.2332	26.786
		4	0.4696	48.71
		8	0.3086	33.781

Purification Rsn-3-5				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.0457	9.402
		2	-0.0065	4.56
		3	0.1077	15.15
		4	0.2153	25.125
				
		1	0.1072	15.102
		2	-0.0234	2.988
		3	-0.0251	2.834
		4	0.0585	10.584

Purification 3				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.2302	26.511
		3	0.0305	7.991
		4	0.2950	32.52

Math model

Math model 1				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.2512	20.594
		2	0.4122	27.171
		3	0.1278	10.568
		4	0.1524	12.003
		5	0.0404	5.467
		6	0.2084	15.272
		7	0.0637	6.824
		8	0.0720	7.309

Math model 2				
Gel Image (Adjusted by ImageJ)	Graph Analysis (ImageJ)	Lanes	mg/mL	Area (peak)
		1	0.5339	34.273
		2	0.3953	26.184
		3	0.2814	19.534
		4	0.1216	10.204
		5	0.2382	17.01
		6	0.2199	15.944
		7	0.2326	16.684