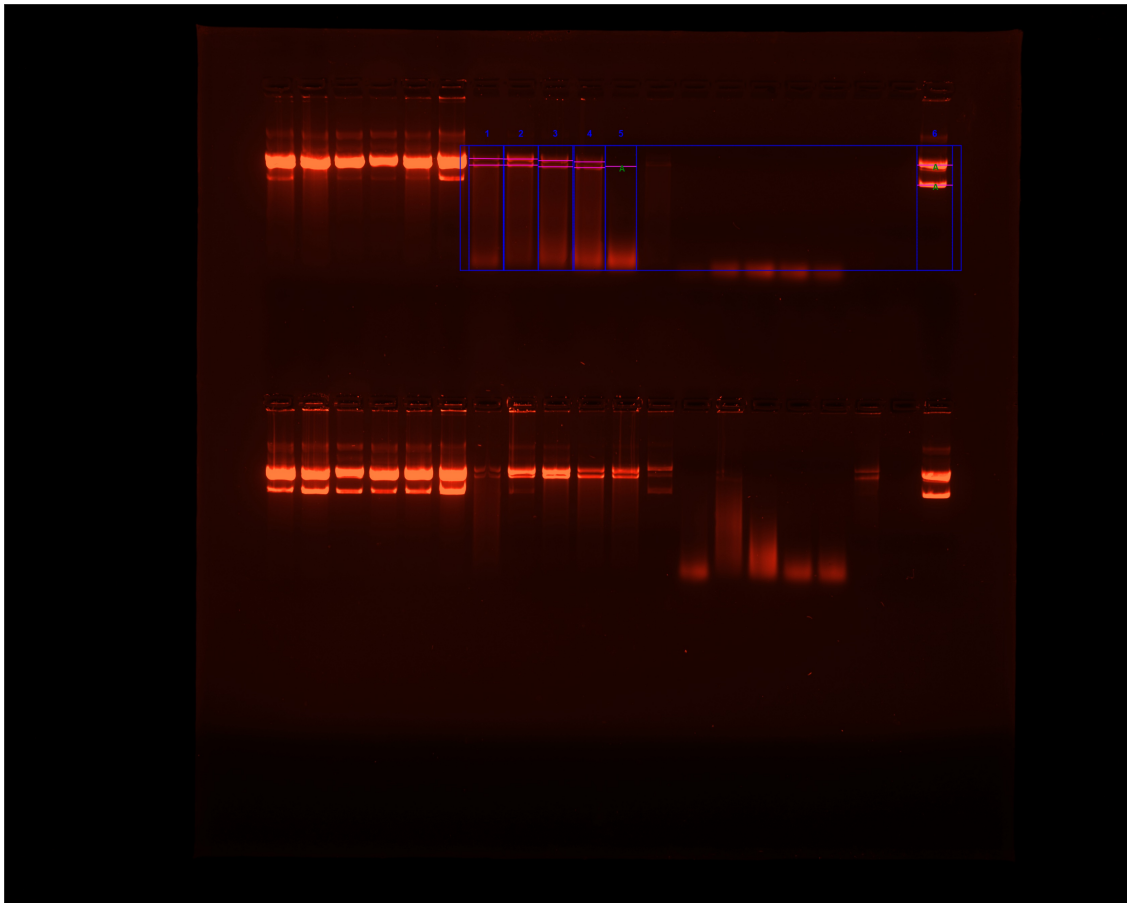
Image Report: Lab Molecolare 2020-12-01 11h59m29s



C:\Users\gnoce\OneDrive\Documenti\univesità\dottorato\immagini DNase1L2 Pichia pastoris \immagini e quantificazioni ChemiDoc\inibizione da actina 1L2 e dornase ChemiDoc Images 2020-12-01_12.00.25\Lab Molecolare 2020-12-01 11h59m29s.scn

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Acquisition Information

Imager	ChemiDoc™ MP
Exposure Time (sec)	0.500 (Manual)
Flat Field	Applied (Red Plate / UV Trans / Green Filter)
Serial Number	734BR-2850
Software Version	2.3.0.07
Application	Ethidium Bromide
Excitation Source	UV Trans Illumination
Emission Filter	602/50 Filter

Image Information

Acquisition Date	01/12/2020 11:59:29
User Name	Lab Molecolare
Image Area (mm)	X: 210.0 Y: 168.0
Pixel Size (µm)	X: 76.4 Y: 76.4
Data Range (Int)	11 - 65535

Analysis Settings

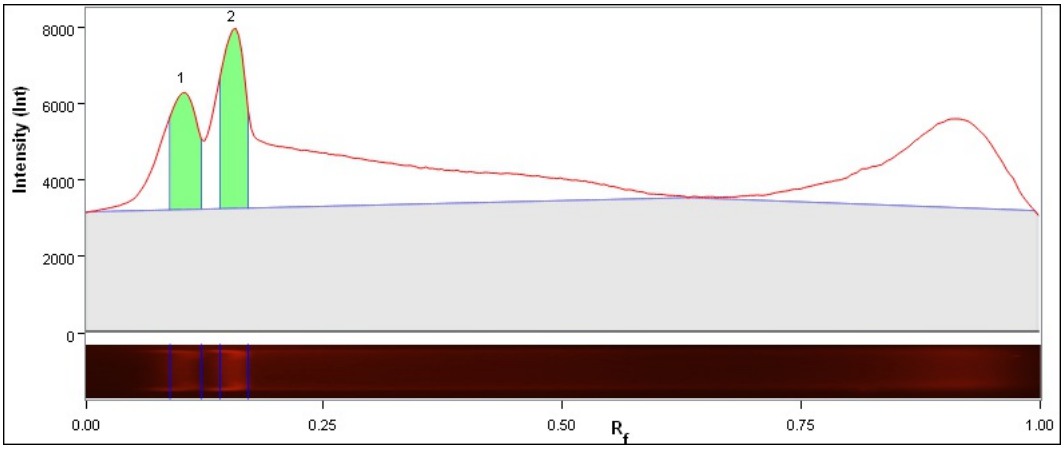
Detection	Lane detection: Manually created lanes Band detection: Automatically detected bands with sensitivity: High Manually adjusted bands Lane Background Subtraction: Lane background subtracted with disk size: 30.4 Lane width: Variable
Quantity Analysis	Quantity Standard Bands: Lane 5 Band 1 Quantity 5.0 Lane 6 Band 1 Quantity 110.0 Lane 6 Band 2 Quantity 90.0 Quantity regression method: Linear Regression equation: y = 2.78E-06 * x + 6 R-squared value: R^2 = 0.991427

Lane Statistics

Lane No.	Adj. Total Band Vol. (Int)	Total Band Vol. (Int)	Adj. Total Lane Vol. (Int)	Total Lane Vol. (Int)	Bkgd. Vol. (Int)	Norm. Factor
1	6.604.284	13.230.756	31.005.150	130.980.150	99.975.000	N/A
2	11.690.840	17.439.682	35.207.970	134.620.788	99.412.818	N/A
3	9.109.195	14.947.165	51.492.575	138.559.010	87.066.435	N/A
4	8.679.200	16.551.128	43.284.812	136.929.808	93.644.996	N/A
5	218.120	1.211.744	51.565.240	102.240.064	50.674.824	N/A
6	67.153.212	85.127.673	73.644.804	138.850.782	65.205.978	N/A

Lane And Band Analysis

Lane 1

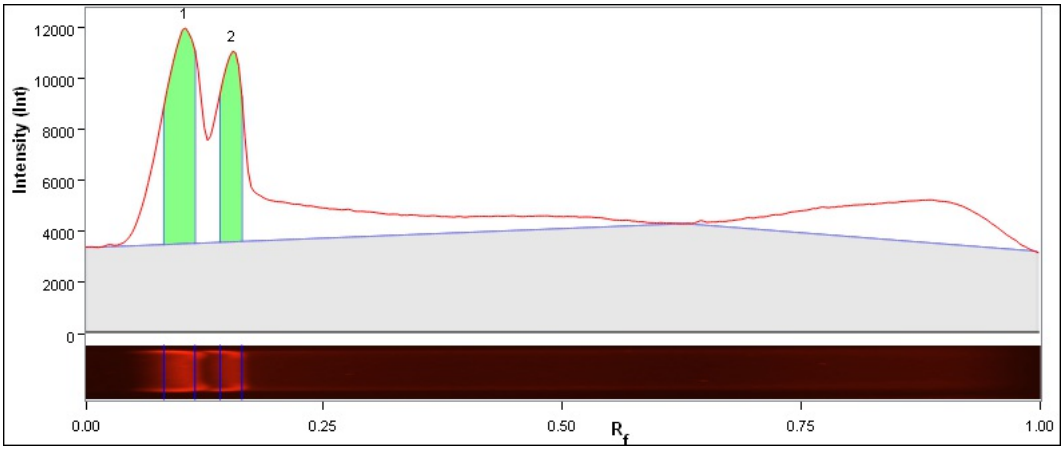


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		N/A	0,105	2.810.566	6.266.132	13,8	N/A	42,6	9,1
2		N/A	0,157	3.793.718	6.964.624	16,5	N/A	57,4	12,2

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4

Lane Width	6.57 mm

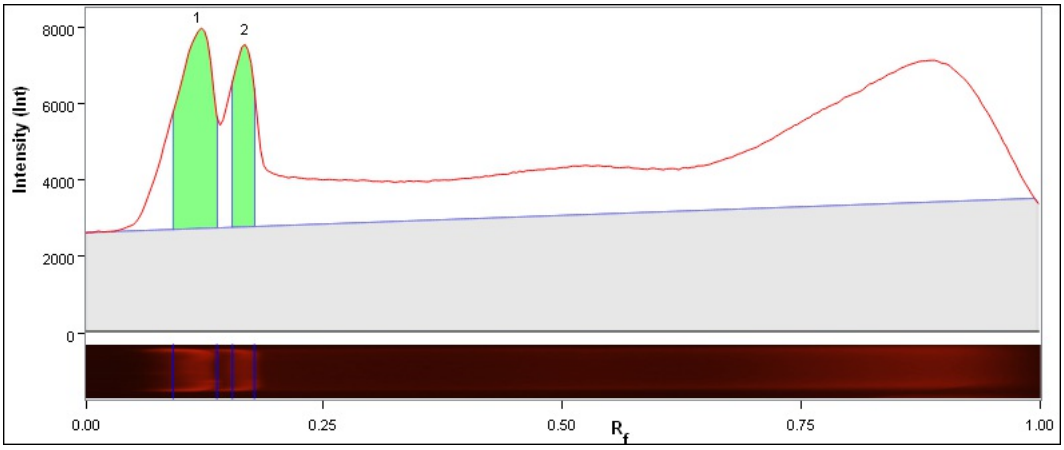
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		N/A	0,108	7.183.064	10.478.842	25,9	N/A	61,4	20,4
2		N/A	0,157	4.507.776	6.960.840	18,5	N/A	38,6	12,8

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.57 mm

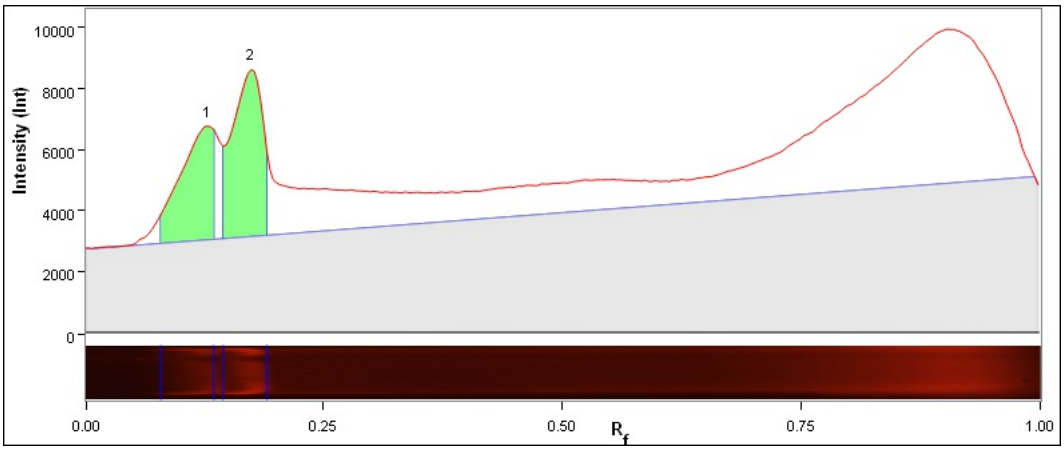
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		N/A	0,121	5.981.110	9.766.075	22,6	N/A	65,7	11,6
2		N/A	0,170	3.128.085	5.181.090	14,7	N/A	34,3	6,1

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.49 mm

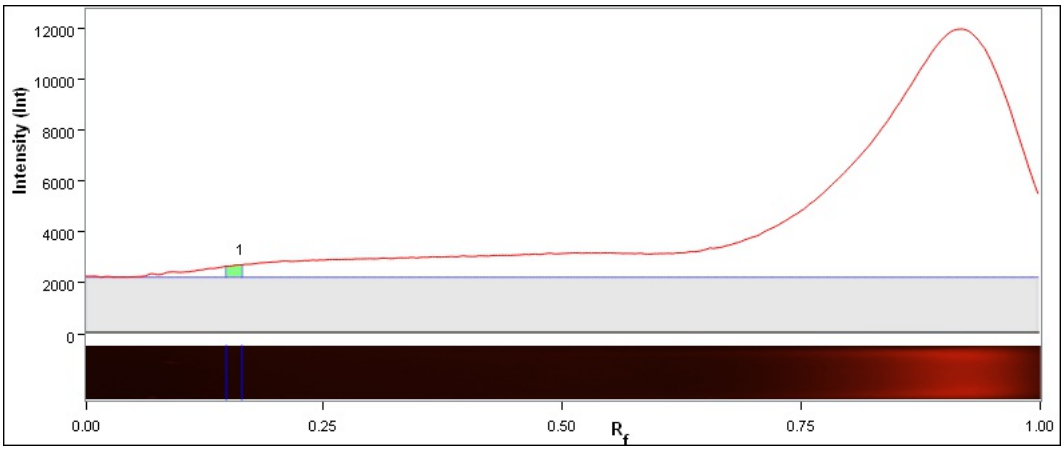
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		N/A	0,131	3.813.984	8.015.112	16,6	N/A	43,9	8,8
2		N/A	0,176	4.865.216	8.536.016	19,5	N/A	56,1	11,2

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	5.80 mm

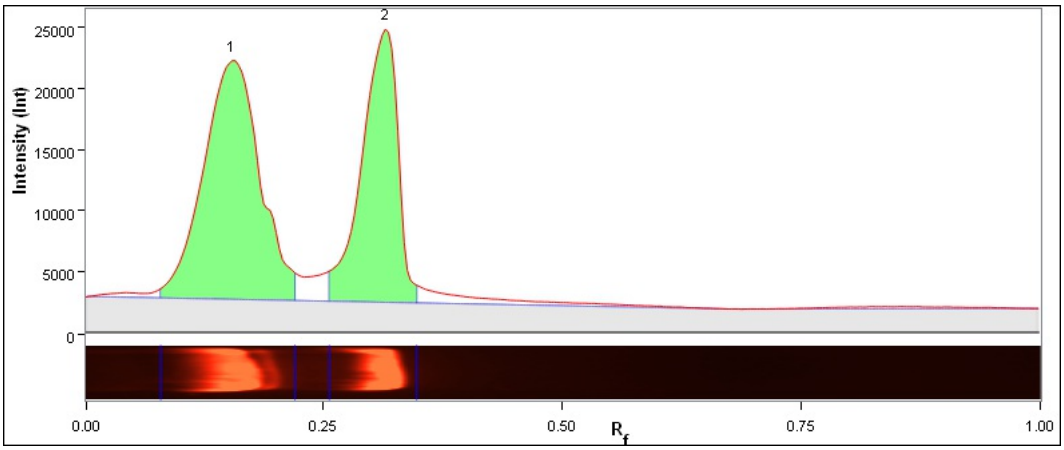
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		N/A	0,167	218.120	1.211.744	5,0	N/A	100,0	0,4

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	5.80 mm

Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		N/A	0,157	38.970.432	50.185.515	110,0	N/A	58,0	52,9
2		N/A	0,317	28.182.780	34.942.158	90,0	N/A	42,0	38,3

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.64 mm