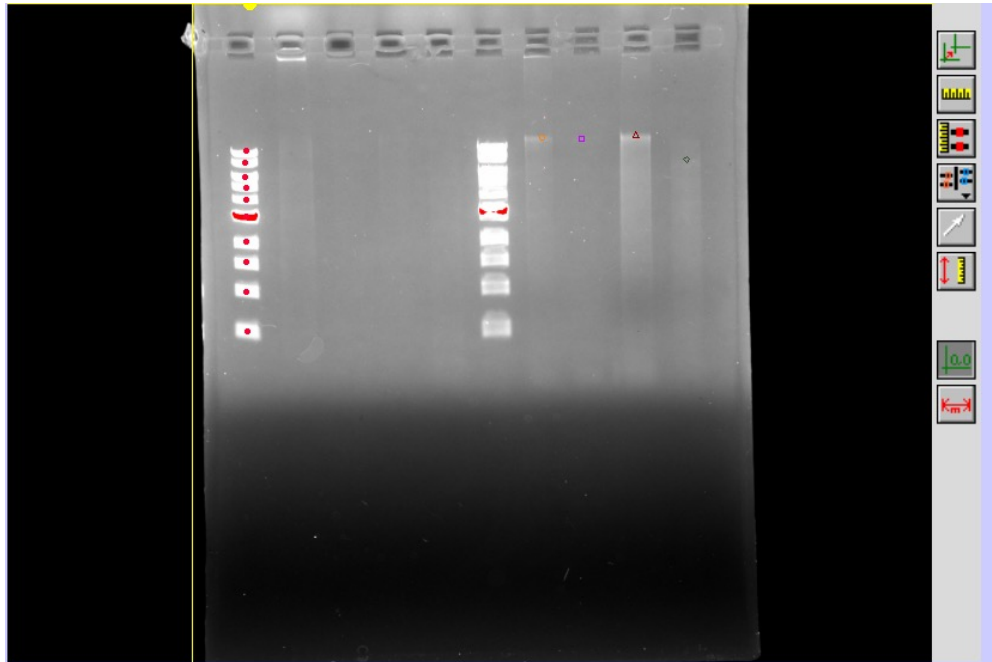


# DNA Extraction & Characterization Data Card

Name: Brian Mahlstadt  
 Phage name: TrendyTrin  
 Date: 11/28/2024



	Standard Ladder		Control		HAE III		NSP		SAC	
	D	bp	D	bp	D	bp	D	bp	D	bp
1	290	500	119	12511	120	12246	118	12783	138	8503
2	255	1000								
3	229	1500								
4	211	2000								
5	189	3000								
6	174	4000								
7	163	5000								
8	154	6000								
9	141	8000								
10	131	10000								
11										
12										

Table I. Isolated DNA information

OD <sub>260</sub>	51.8 ng/ml
260:230 ratio	0.16
260:280 ratio	1.57

Table II. Restriction Enzyme Characterization Information

Lane	Restriction Enzyme	Band Sizes (bp)
1	1kb ladder	N/A
2	Uncut	12511
3	Hae III	12246
4	NSP	12783
5	SACII	8503

Table III. Final Information

Was your phage sent for sequencing?	<b>Yes</b>
Was your phage archived?	<b>Yes</b>
Was your Phage Imaged with TEM?	<b>n/a</b>