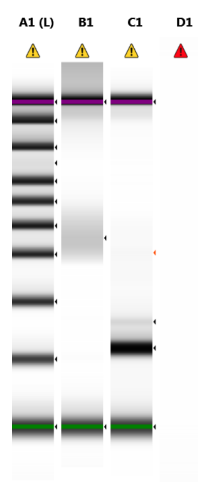


Filename: 2020-09-24-01.D1000\_i5\_L1LotterhosLab\_shortAdapter.D1000

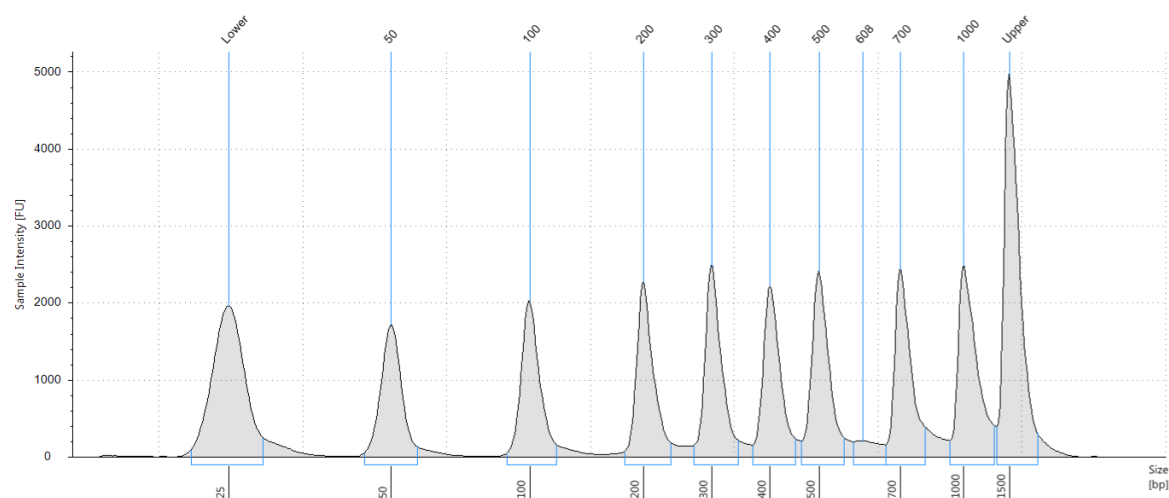
### Gel Image



Default image (Contrast 100%), Image is Scaled to view larger Molecular Weight range

### Sample Info

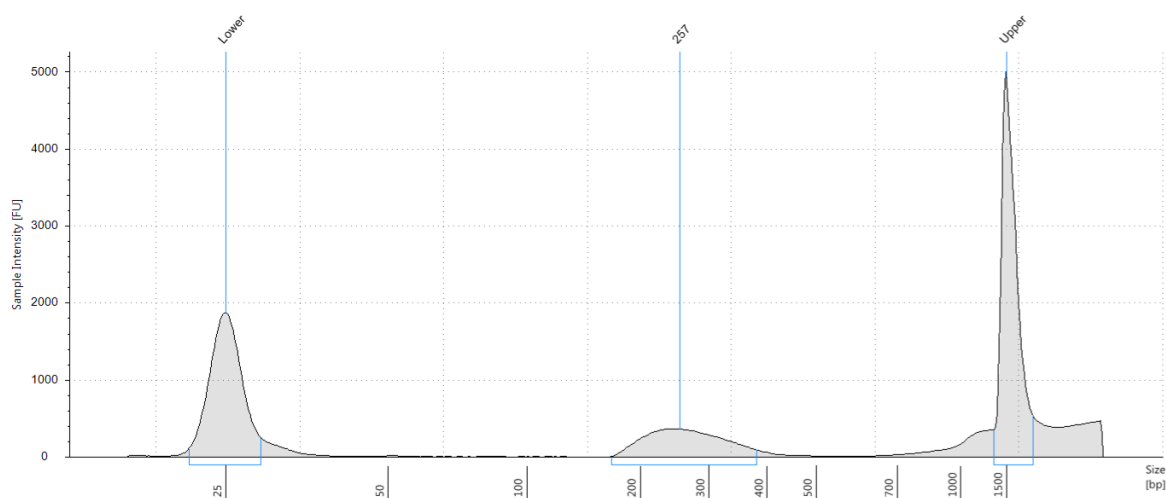
Well	Conc. [ng/ul]	Sample Description	Alert	Observations
A1	26.9	Ladder	⚠	Caution! Expired ScreenTape device; Issue with ladder peak detection (too many peaks detected); Ladder
B1	2.54	Zymo i5	⚠	Caution! Expired ScreenTape device
C1	8.32	short custom i5	⚠	Caution! Expired ScreenTape device
D1		blank	⚠	Marker(s) not detected; Caution! Expired ScreenTape device

**A1: Ladder****Sample Table**

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	26.9	Ladder		Caution! Expired ScreenTape device; Issue with ladder peak detection (too many peaks detected); Ladder

**Peak Table**

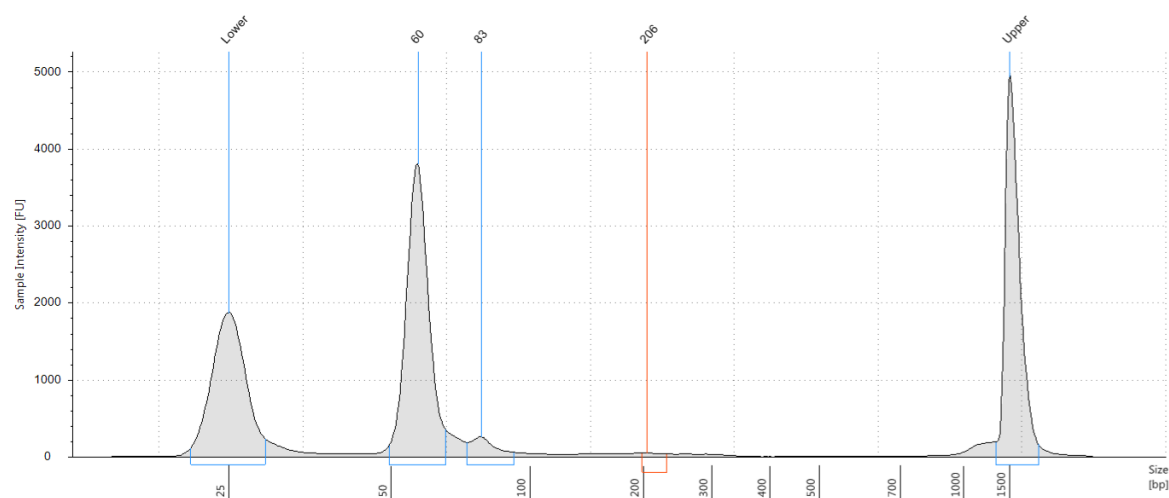
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.32	-	327	-		Lower Marker
50	2.97	-	91.5	11.06		
100	3.12	-	48.0	11.60		
200	3.17	-	24.4	11.81		
300	3.39	-	17.4	12.63		
400	3.18	-	12.2	11.82		
500	3.45	-	10.6	12.83		
608	0.444	-	1.12	1.65		
700	3.29	-	7.23	12.24		
1000	3.86	-	5.94	14.36		
1500	6.50	6.50	6.67	-		Upper Marker

**B1: Zymo i5****Sample Table**

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
B1	2.54	Zymo i5		Caution! Expired ScreenTape device

**Peak Table**

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.18	-	319	-		Lower Marker
257	2.54	-	15.2	100.00		
1500	6.50	6.50	6.67	-		Upper Marker


**C1: short custom i5****Sample Table**

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
C1	8.32	short custom i5		Caution! Expired ScreenTape device

**Peak Table**

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.80	-	357	-		Lower Marker
60	7.65	-	197	92.01		
83	0.582	-	10.9	7.00		
206	0.0825	-	0.616	0.99		
1500	6.50	6.50	6.67	-		Upper Marker

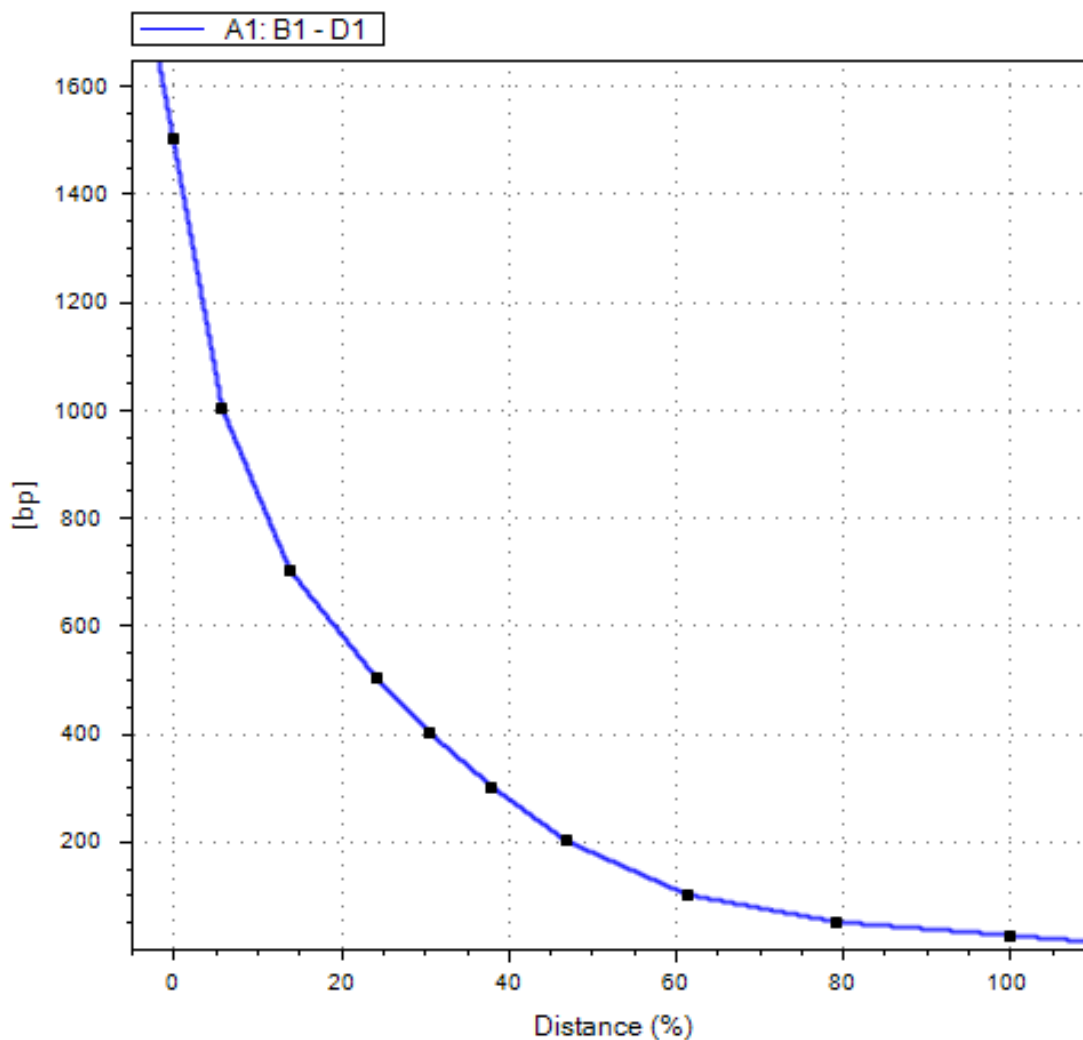
**D1: blank****Sample Table**

Well	Conc. [ng/ul]	Sample Description	Alert	Observations
D1		blank		Marker(s) not detected; Caution! Expired ScreenTape device

## Calibration

### Molecular Weight Settings

Fitting type: Piecewise Interpolation  
Alignment type: Between markers



### Concentration Settings

Calibration mode: Upper Marker  
Normalise peaks from: Upper Marker  
Fitting type: Linear Regression