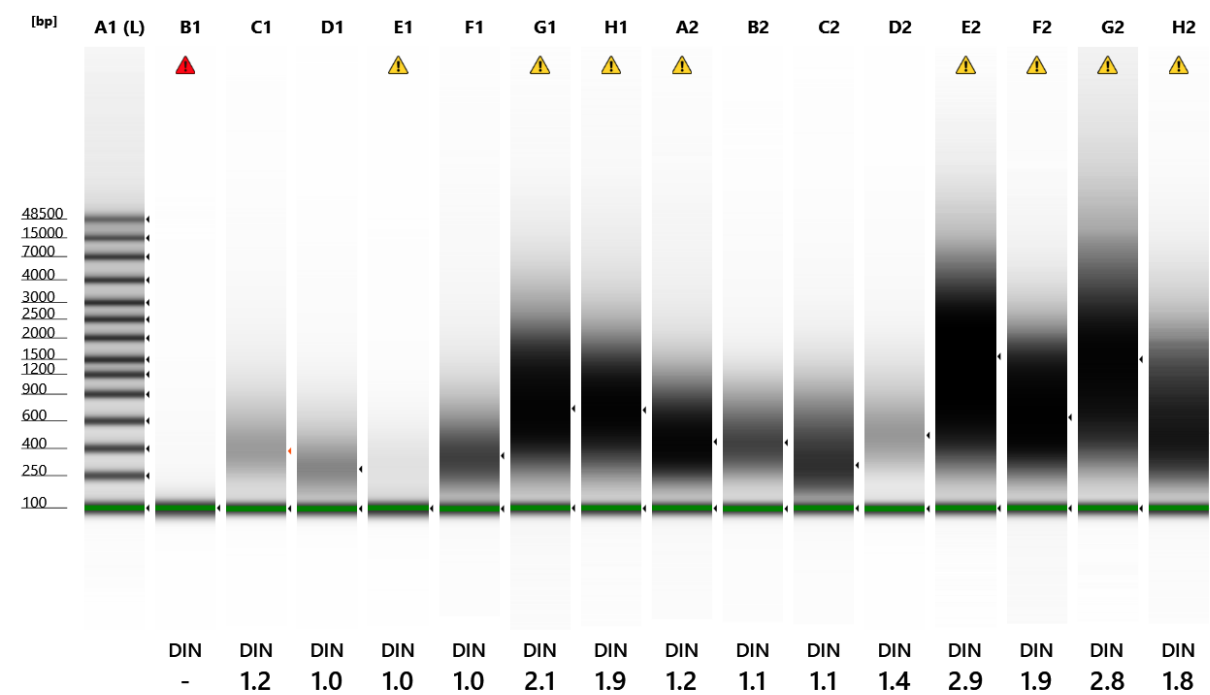
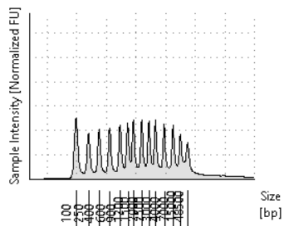


Filename: 2025-07-25 - 17.48.18.gDNA

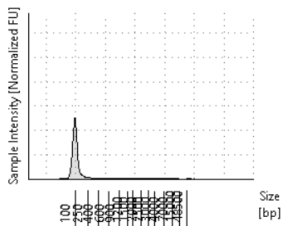


Default image (Contrast 100%)

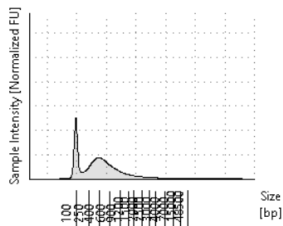
A1: Ladder



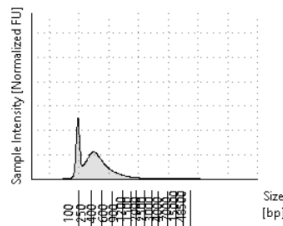
B1: USNM 14366, 1886



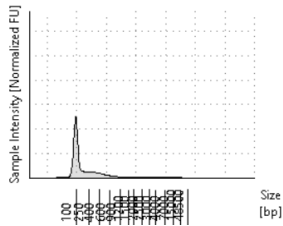
C1: USNM 19054, 1898



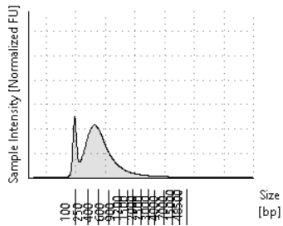
D1: USNM 52295, 1912



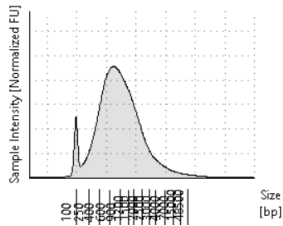
E1: USNM 1180630, 1912



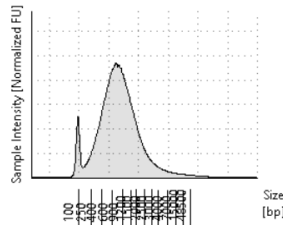
F1: USNM 50603, 1912



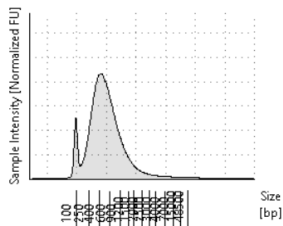
G1: USNM 51732, 1960



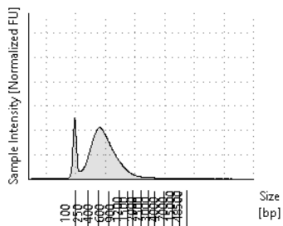
H1: USNM 51892, 1960



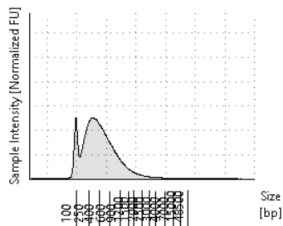
A2: USNM 14399, 1886



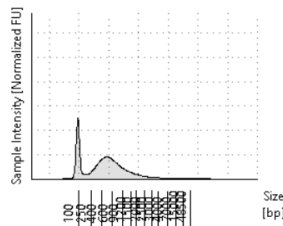
B2: USNM 42137, 1898



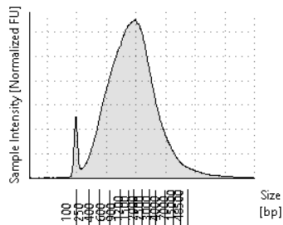
C2: USNM 51730, 1960



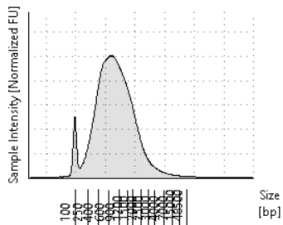
D2: USNM 51728, 1960



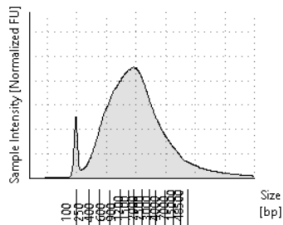
E2: USNM 100609, 2000



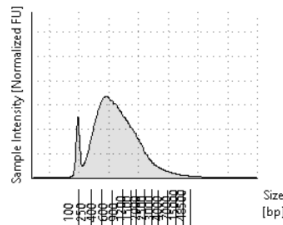
F2: USNM 100610, 2000












G2: USNM 1007393, 2000

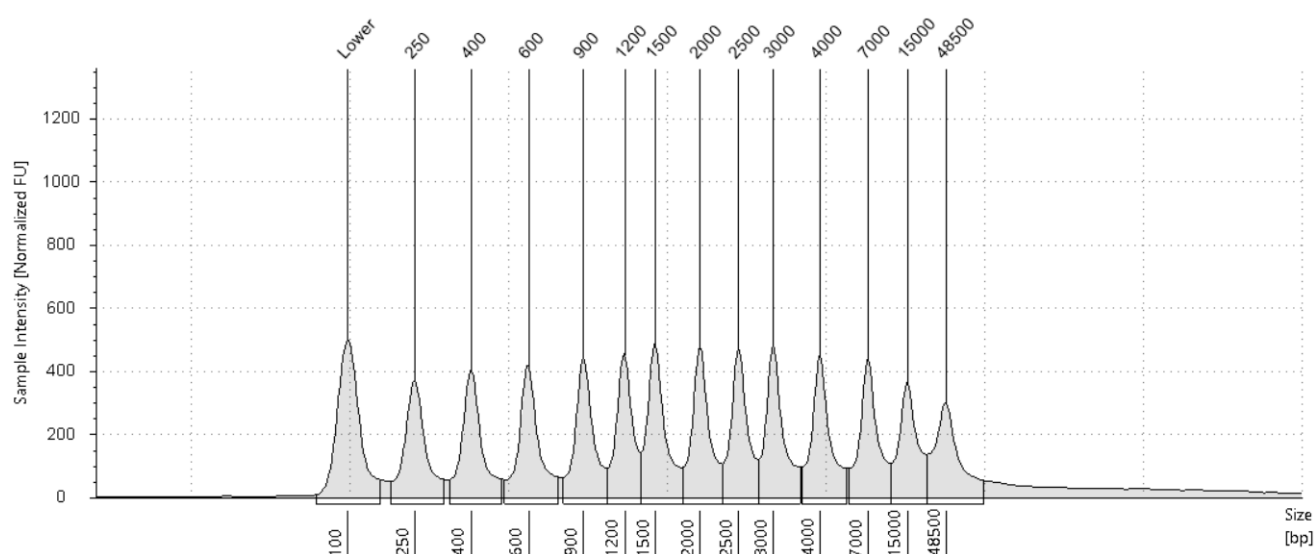


H2: USNM 1018355, 2002



Sample Info

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	-	84.8	Ladder		Ladder
B1	-	1.57	USNM 14366, 1886		Sample concentration outside functional range for DIN and the assay
C1	1.2	21.6	USNM 19054, 1898		
D1	1.0	19.9	USNM 52295, 1912		
E1	1.0	4.33	USNM 1180630, 1912		Sample concentration outside functional range for DIN and the assay
F1	1.0	42.4	USNM 50603, 1912		
G1	2.1	157	USNM 51732, 1960		Sample concentration outside recommended range
H1	1.9	137	USNM 51892, 1960		Sample concentration outside recommended range
A2	1.2	100	USNM 14399, 1886		Sample concentration outside recommended range
B2	1.1	46.3	USNM 42137, 1898		
C2	1.1	59.6	USNM 51730, 1960		
D2	1.4	23.7	USNM 51728, 1960		
E2	2.9	261	USNM 100609, 2000		Sample concentration outside recommended range
F2	1.9	164	USNM 100610, 2000		Sample concentration outside recommended range
G2	2.8	218	USNM 1007393, 2000		Sample concentration outside recommended range
H2	1.8	115	USNM 1018355, 2002		Sample concentration outside recommended range

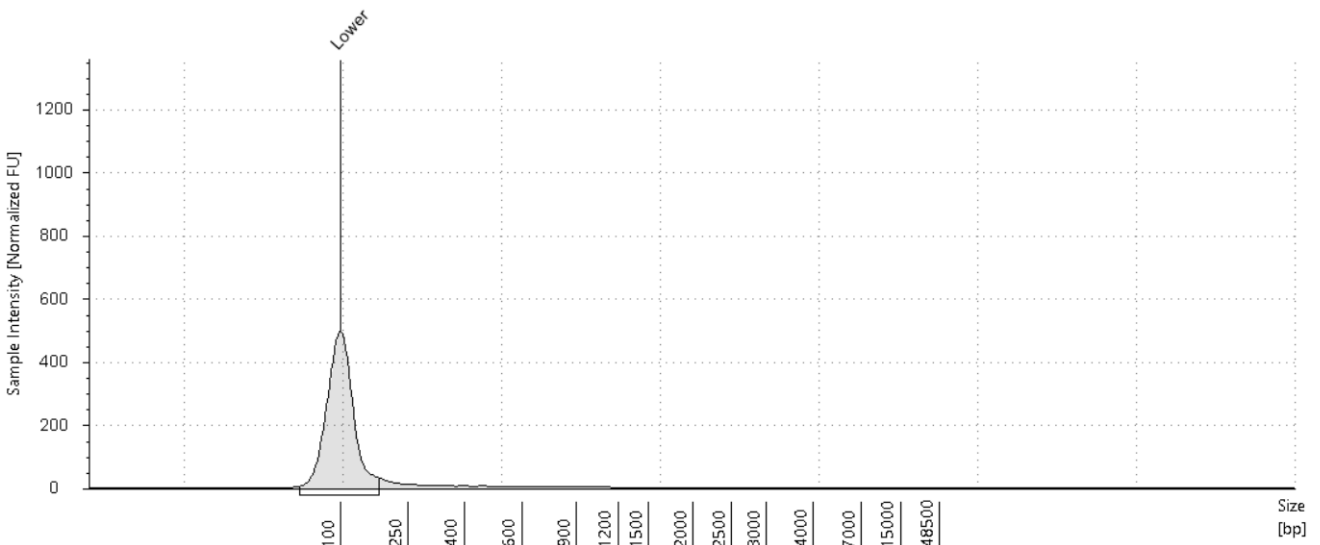
A1: Ladder**Sample Table**

Well	DIN	Conc. [ng/ul]	Sample Description	Alert	Observations
A1	-	84.8	Ladder		Ladder

Peak Table

Size [bp]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	155		Lower Marker
250	5.79	-	7.41	180	320		
400	5.98	-	7.65	334	497		
600	6.16	-	7.89	506	746		
900	6.06	-	7.76	776	1064		
1200	5.74	-	7.34	1064	1348		
1500	6.67	-	8.54	1348	1786		
2000	6.28	-	8.04	1786	2279		
2500	6.02	-	7.70	2279	2777		
3000	6.37	-	8.15	2777	3536		
4000	6.21	-	7.95	3565	5459		
7000	6.07	-	7.77	5544	10943		
15000	5.18	-	6.63	10943	22252		
48500	5.62	-	7.19	22252	80845		

B1: USNM 14366, 1886

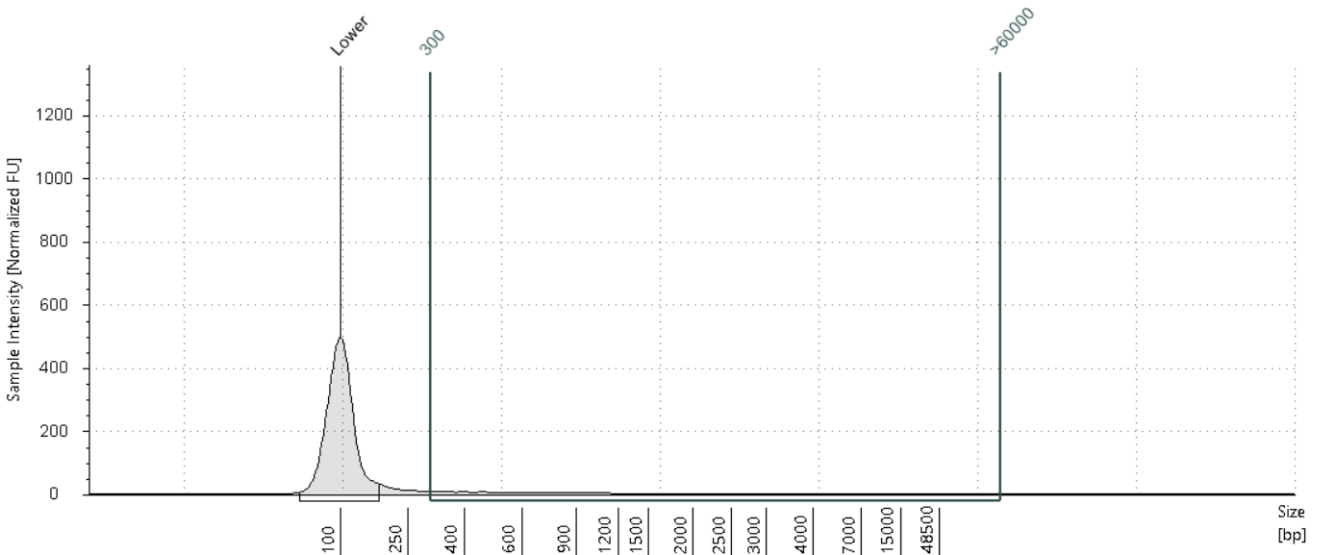


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
B1	-	1.57	USNM 14366, 1886		Sample concentration outside functional range for DIN and the assay

Peak Table

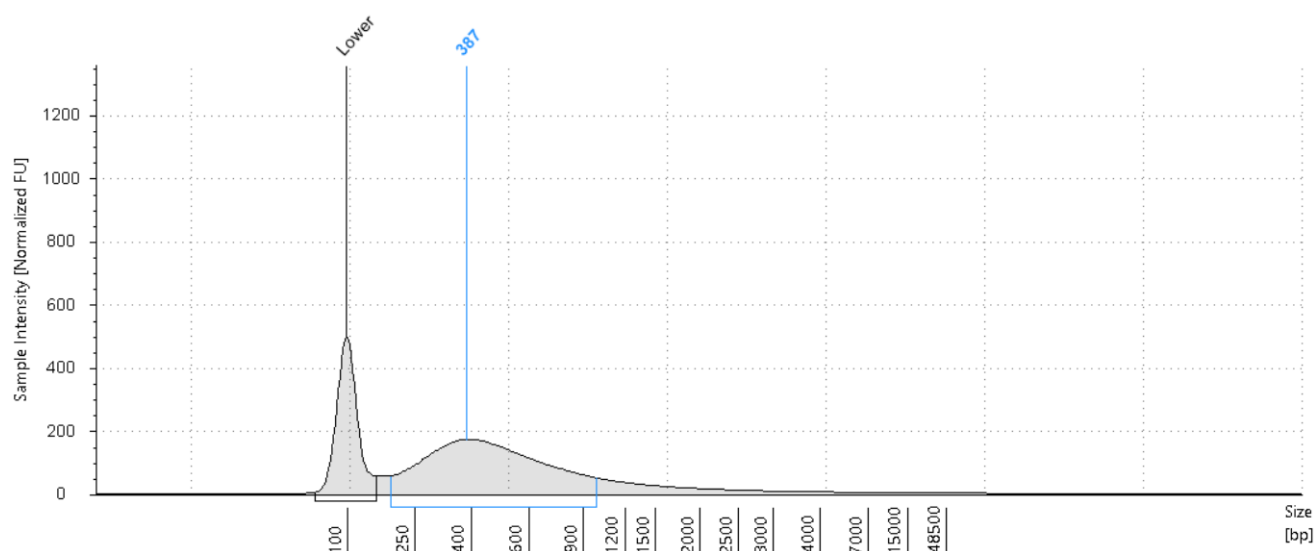
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	57	168		Lower Marker



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	0.989	2.17	63.15		

C1: USNM 19054, 1898

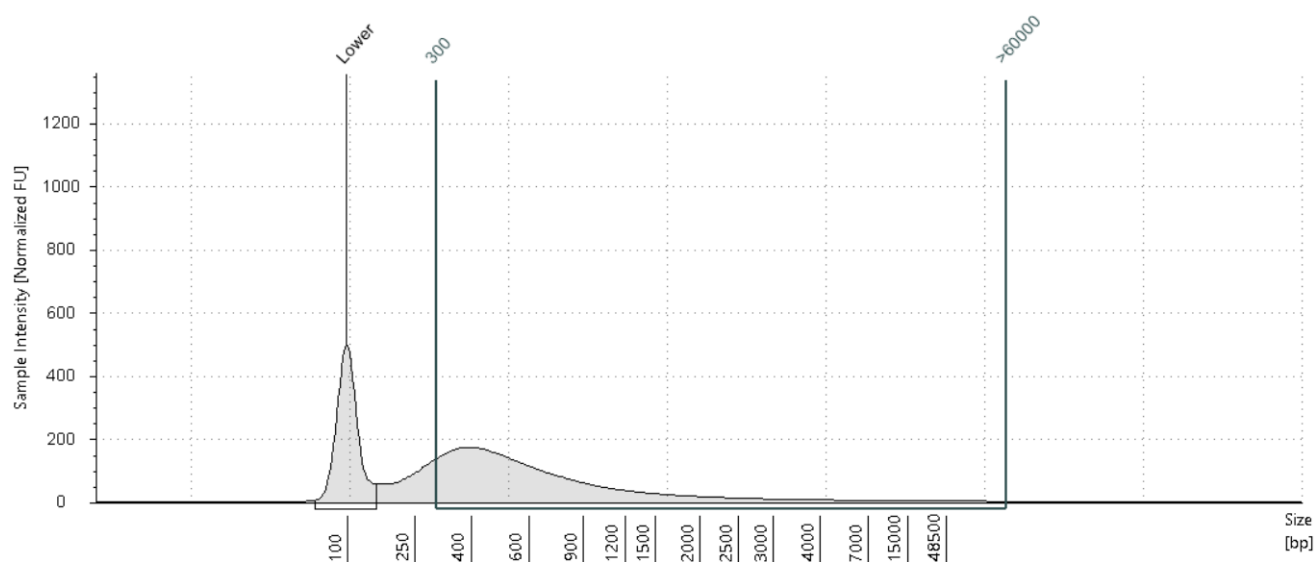


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
C1	1.2	21.6	USNM 19054, 1898		

Peak Table

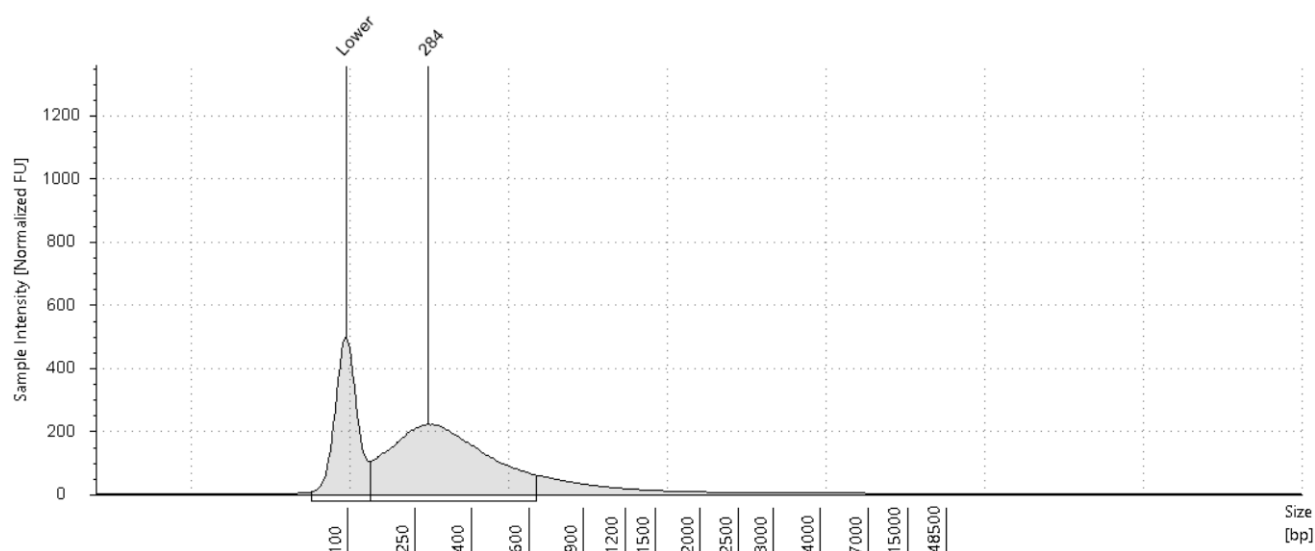
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	150		Lower Marker
387	16.8	-	100.00	183	988		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	17.8	48.5	82.13		

D1: USNM 52295, 1912

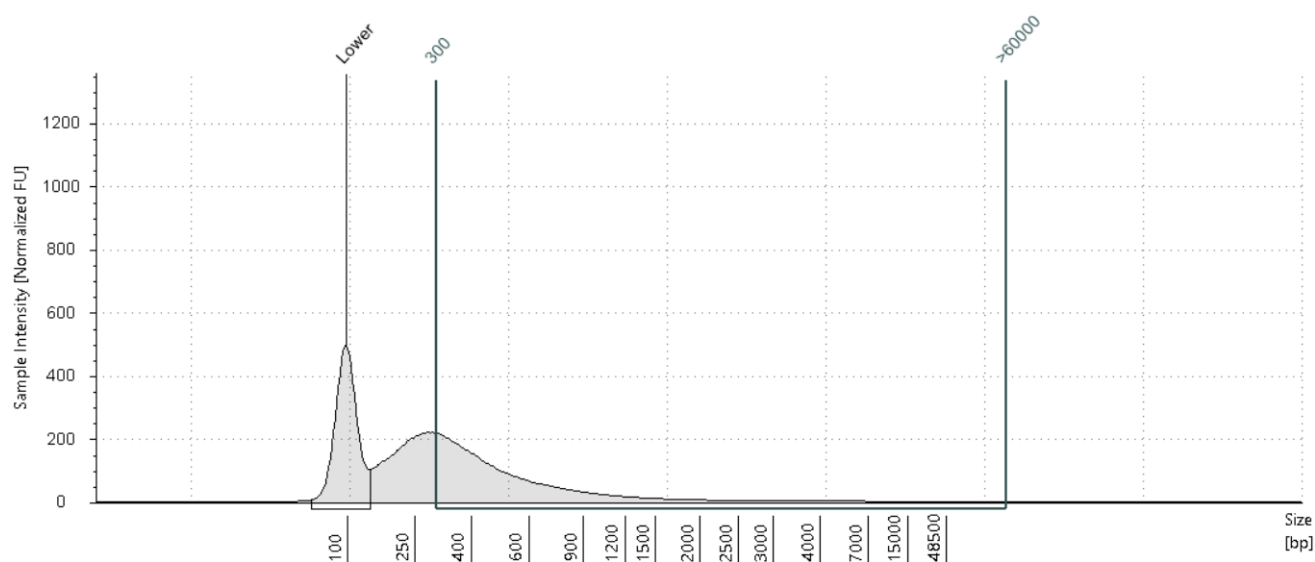


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
D1	1.0	19.9	USNM 52295, 1912		

Peak Table

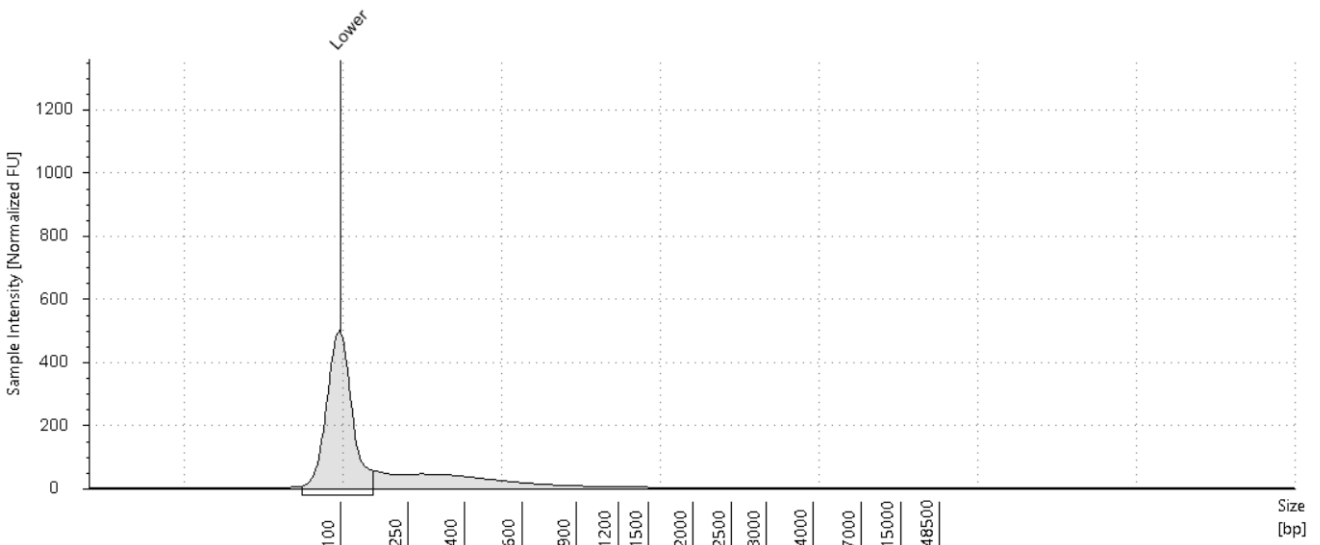
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	62	139		Lower Marker
284	16.5	-	100.00	139	640		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	12.2	39.0	61.63		

E1: USNM 1180630, 1912

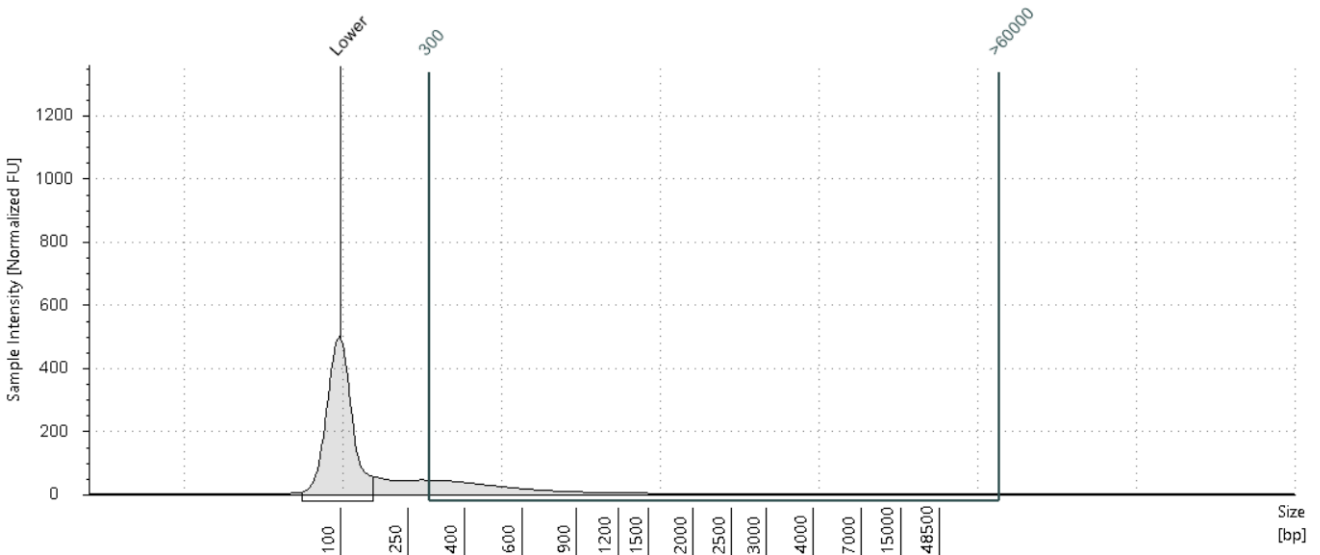


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
E1	1.0	4.33	USNM 1180630, 1912		Sample concentration outside functional range for DIN and the assay

Peak Table

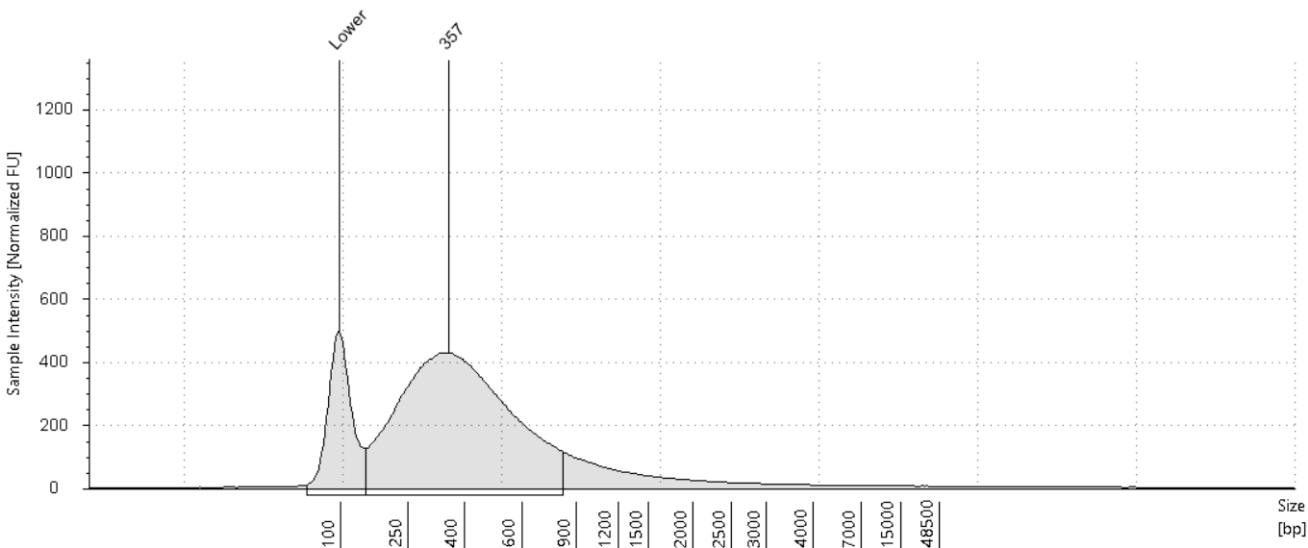
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	60	158		Lower Marker



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	2.69	8.34	62.25		

F1: USNM 50603, 1912

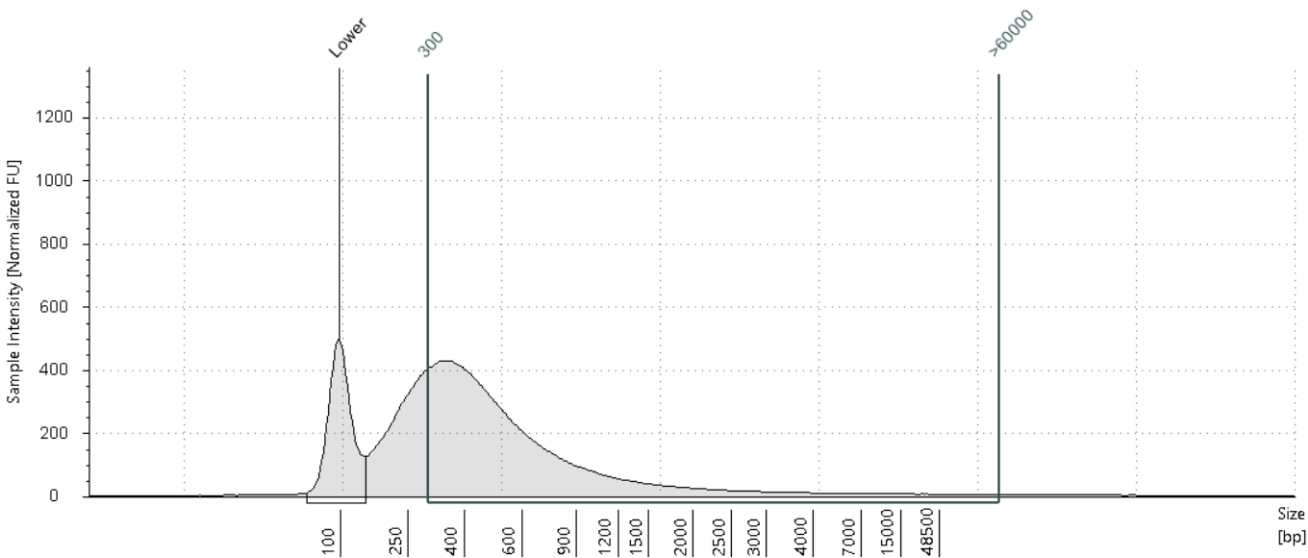


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
F1	1.0	42.4	USNM 50603, 1912		

Peak Table

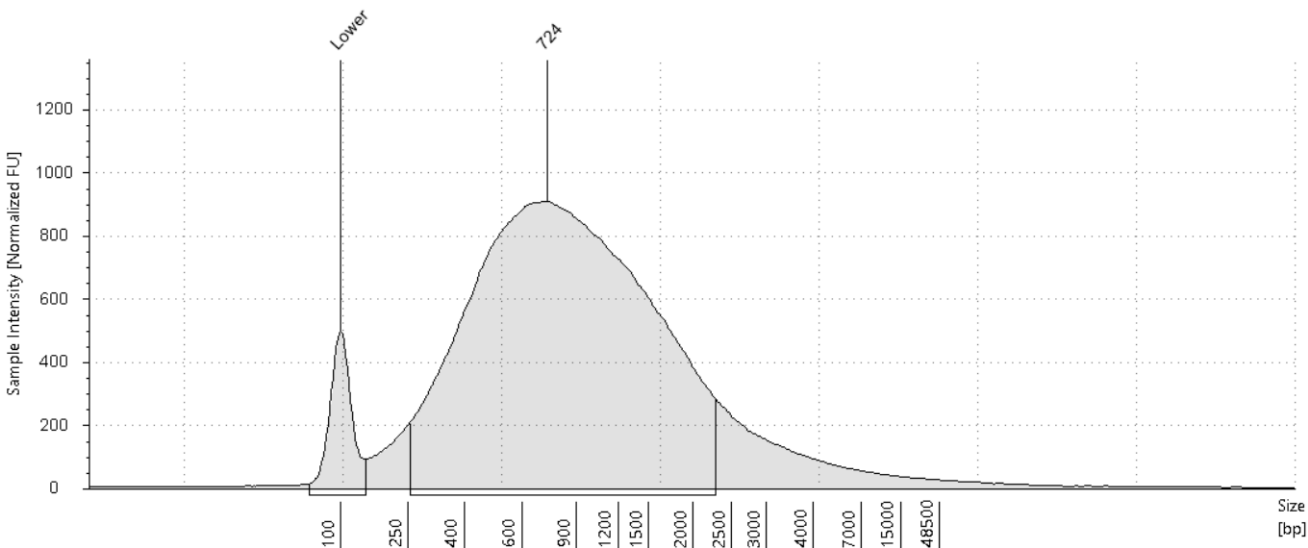
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	144		Lower Marker
357	35.4	-	100.00	144	822		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	31.3	94.6	73.82		

G1: USNM 51732, 1960

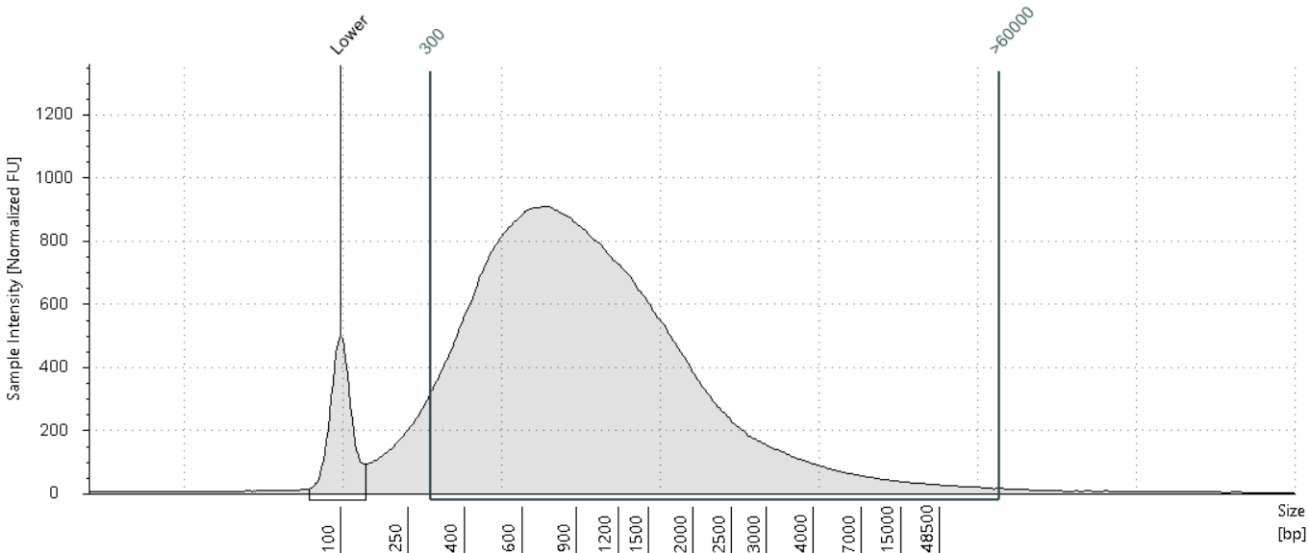


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
G1	2.1	157	USNM 51732, 1960		Sample concentration outside recommended range

Peak Table

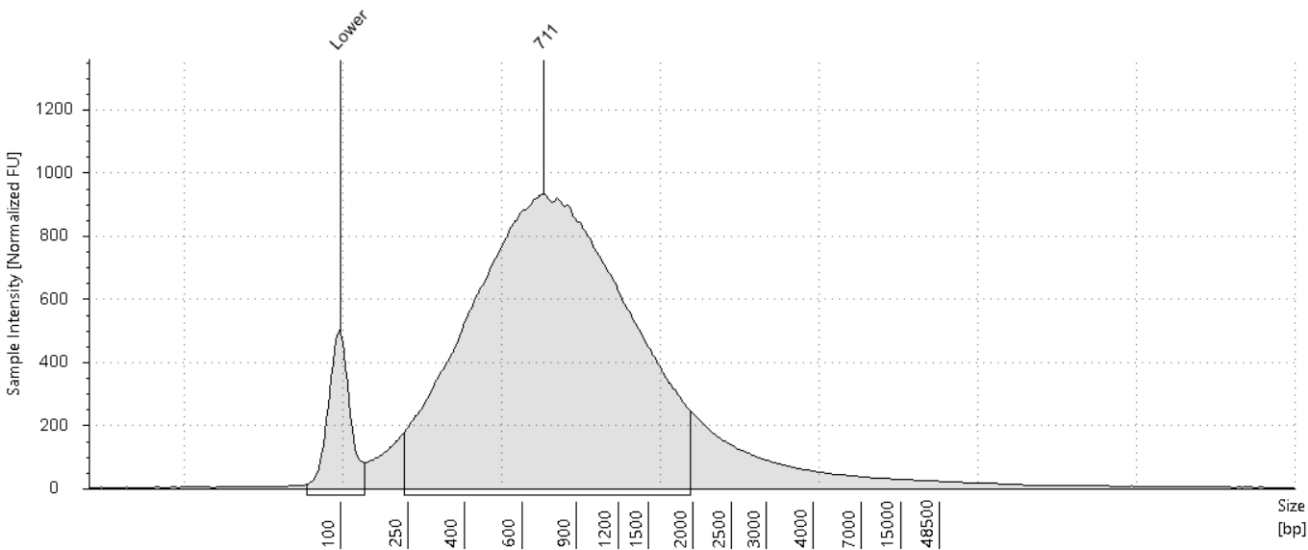
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	141		Lower Marker
724	134	-	100.00	255	2283		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	147	283	93.80		

H1: USNM 51892, 1960

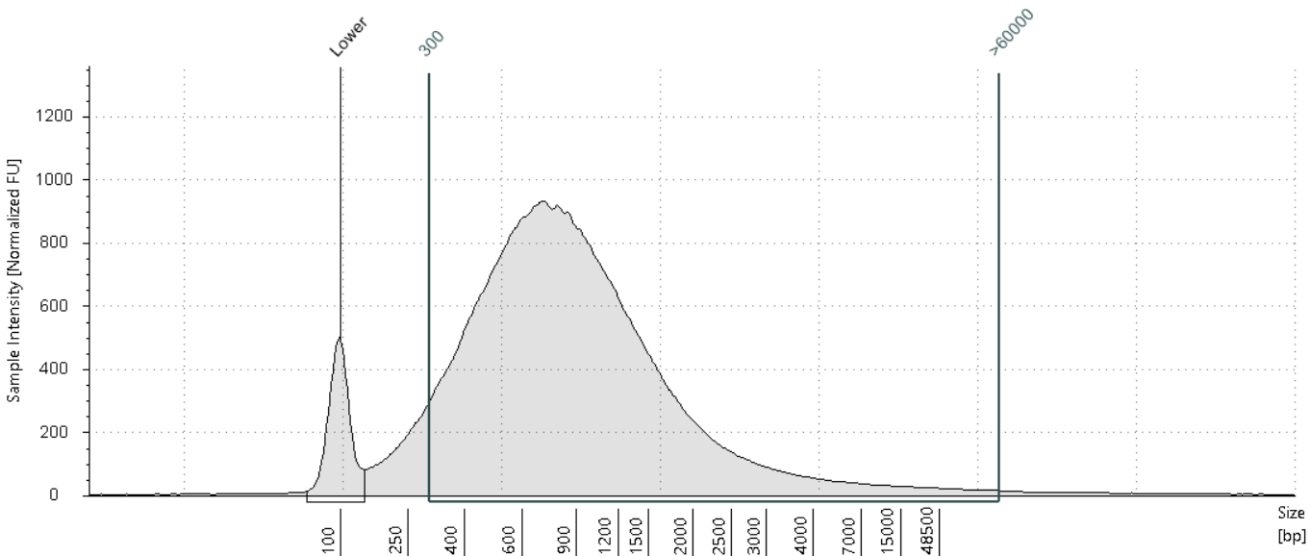


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
H1	1.9	137	USNM 51892, 1960		Sample concentration outside recommended range

Peak Table

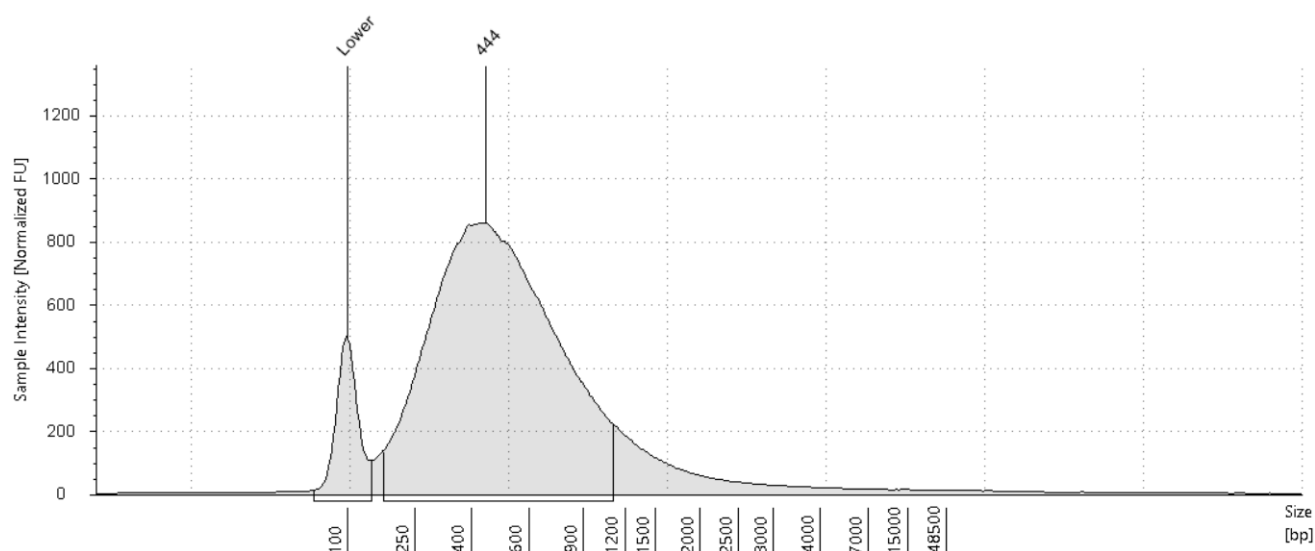
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	63	139		Lower Marker
711	120	-	99.93	241	1970		
-	-	-	-	-	-		Sample Well



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	129	265	94.20		

A2: USNM 14399, 1886

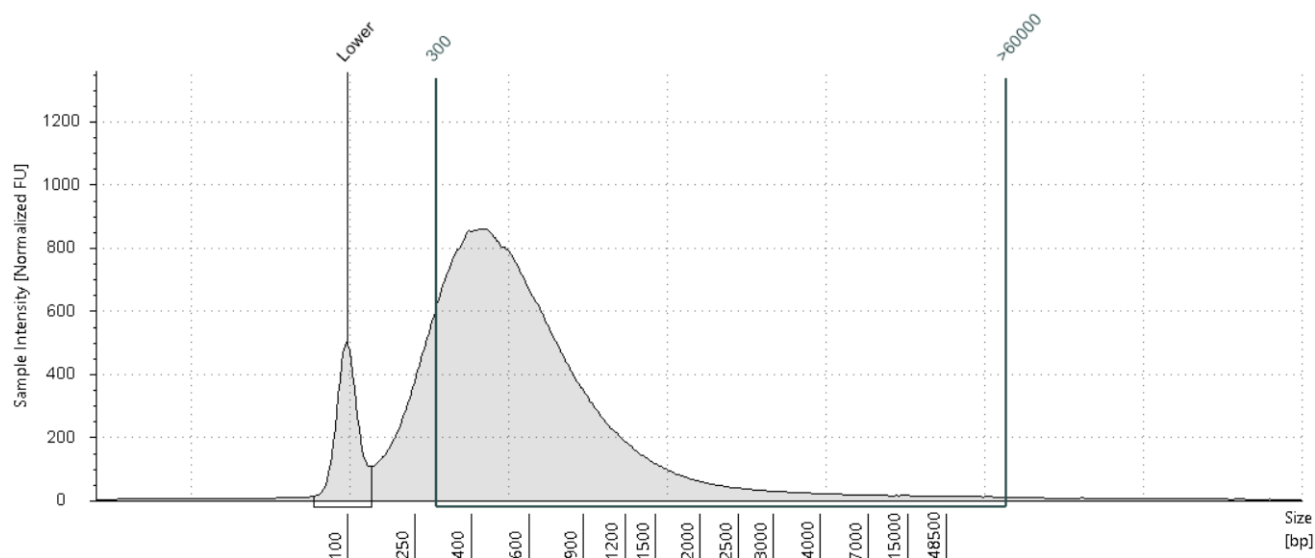


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
A2	1.2	100	USNM 14399, 1886	⚠	Sample concentration outside recommended range

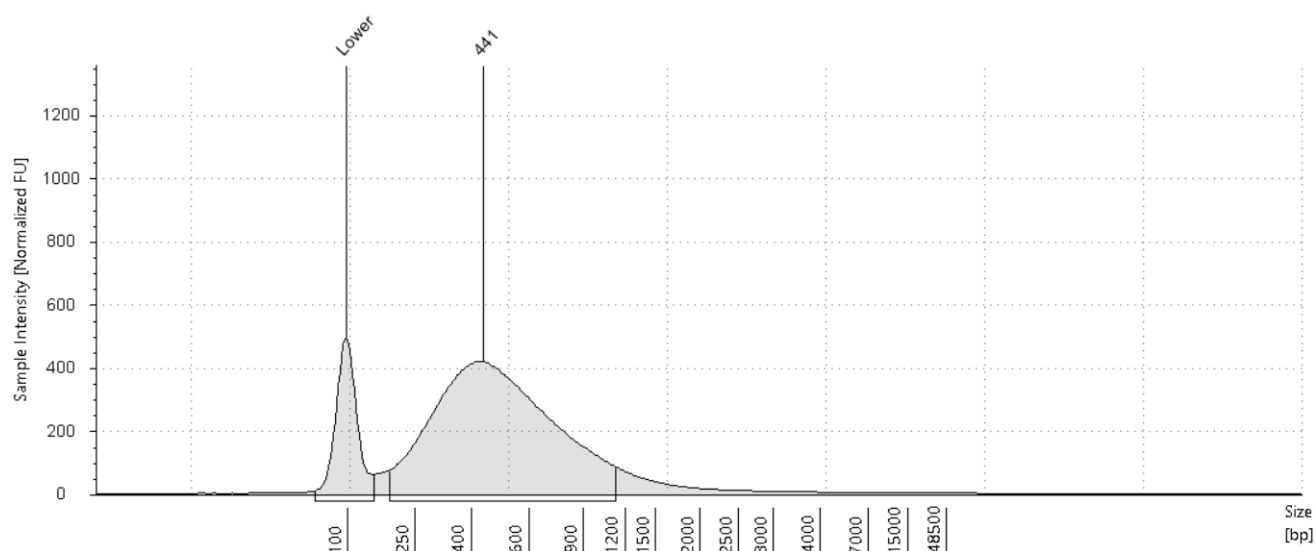
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	139		Lower Marker
444	86.7	-	100.00	163	1105		



Region Table

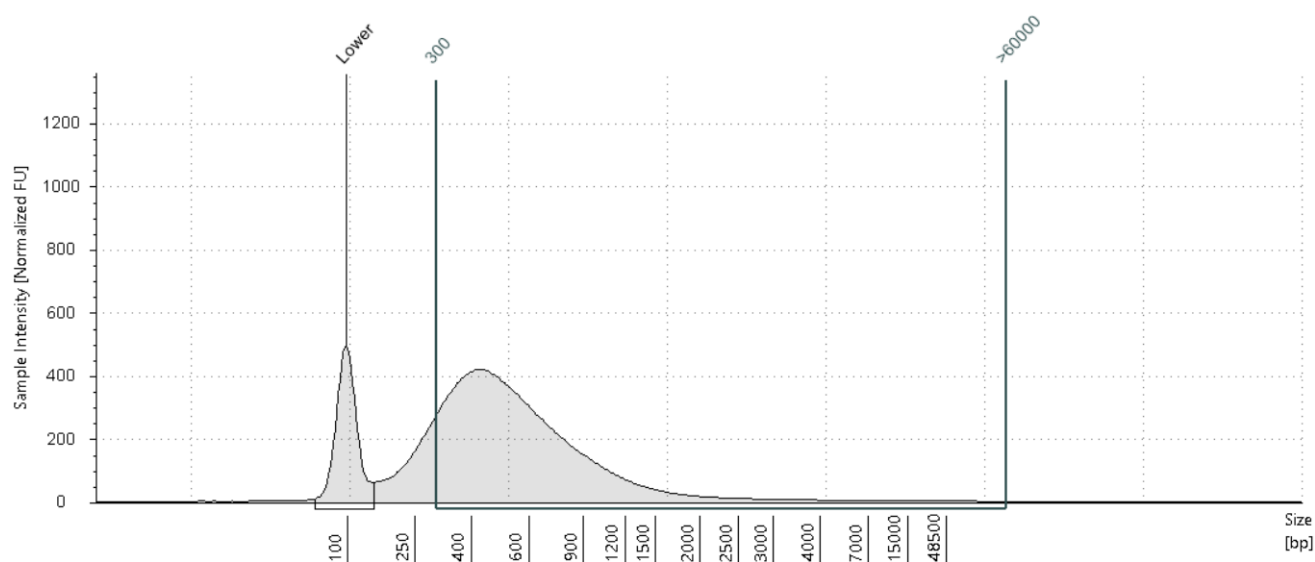
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	86.1	242	86.10		■

B2: USNM 42137, 1898**Sample Table**

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
B2	1.1	46.3	USNM 42137, 1898		

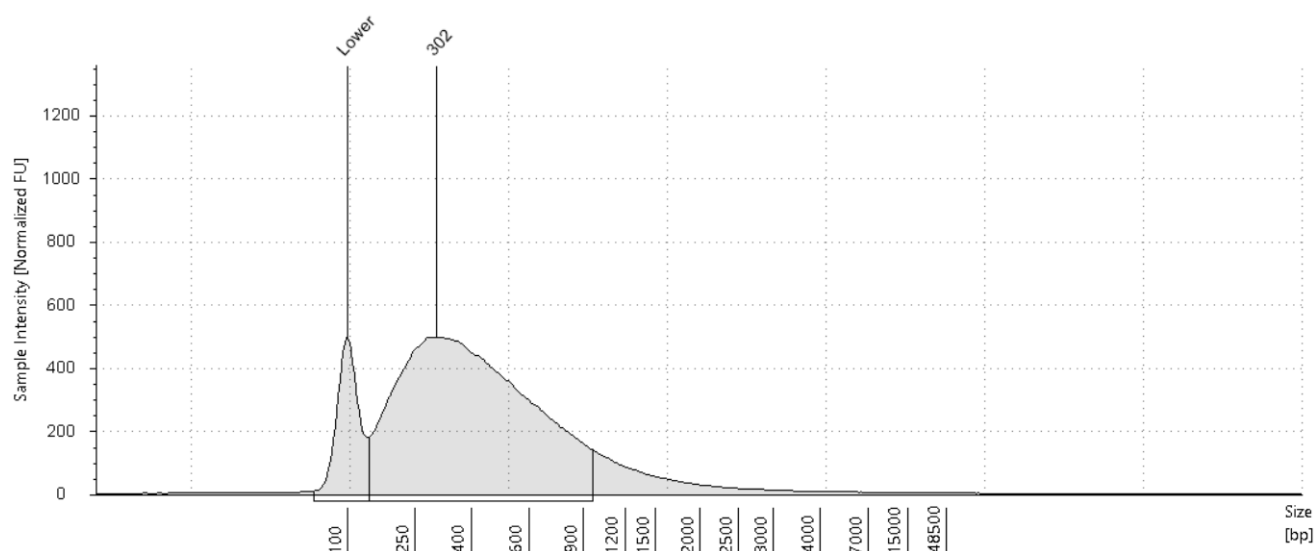
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	147		Lower Marker
441	41.2	-	100.00	179	1130		

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	40.0	116	86.49		

C2: USNM 51730, 1960

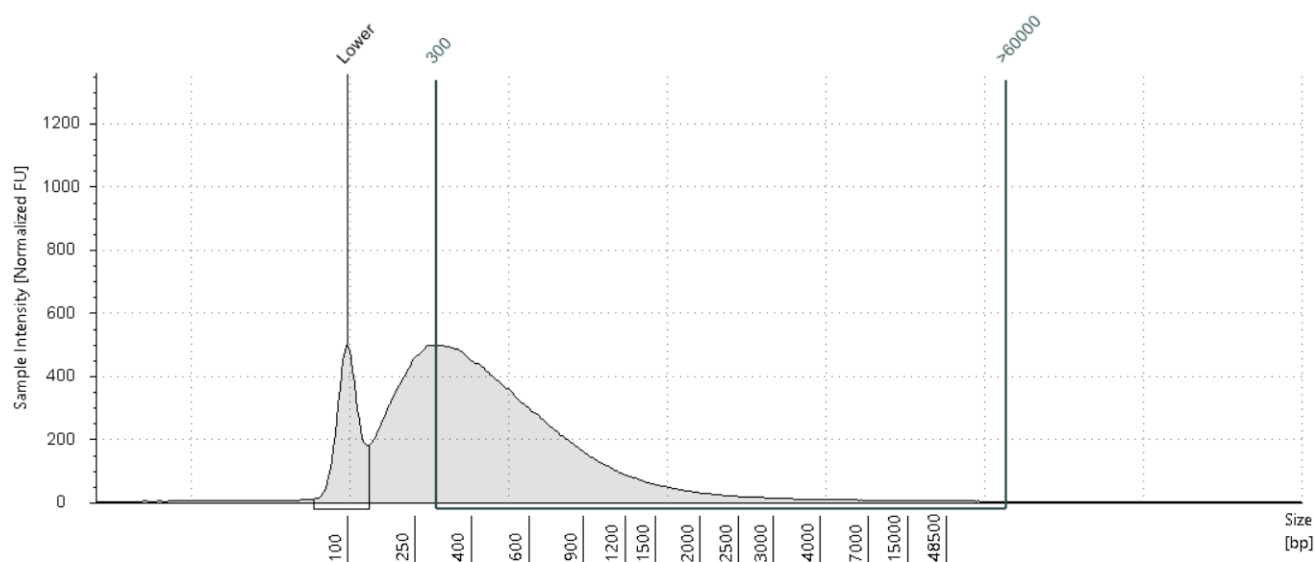


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
C2	1.1	59.6	USNM 51730, 1960		

Peak Table

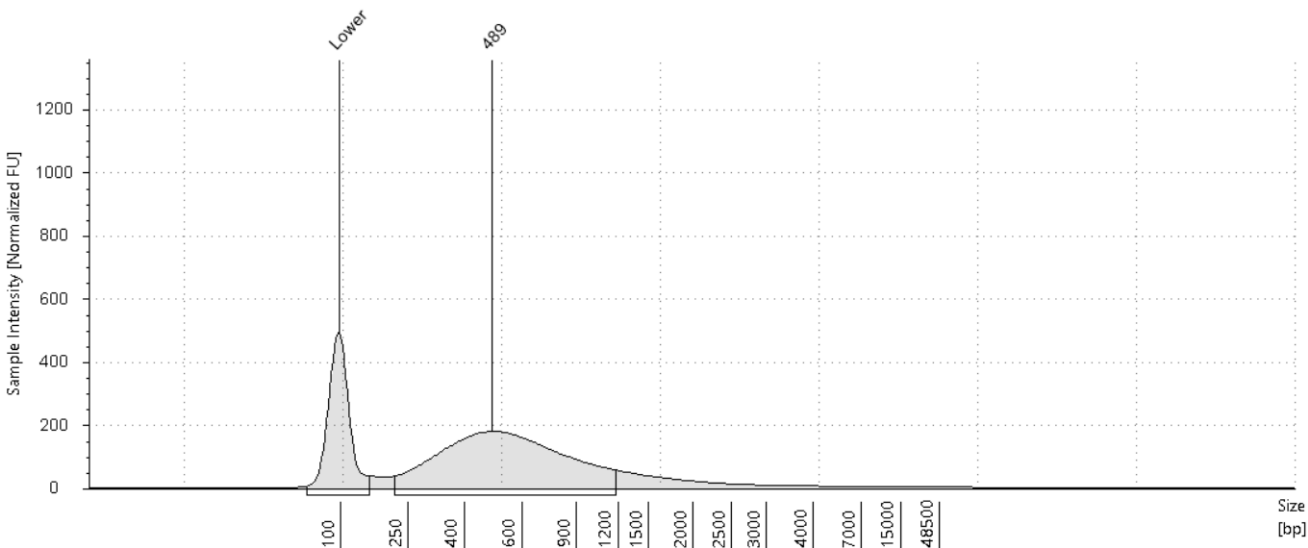
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	63	134		Lower Marker
302	52.4	-	100.00	134	964		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	42.4	125	71.13		

D2: USNM 51728, 1960

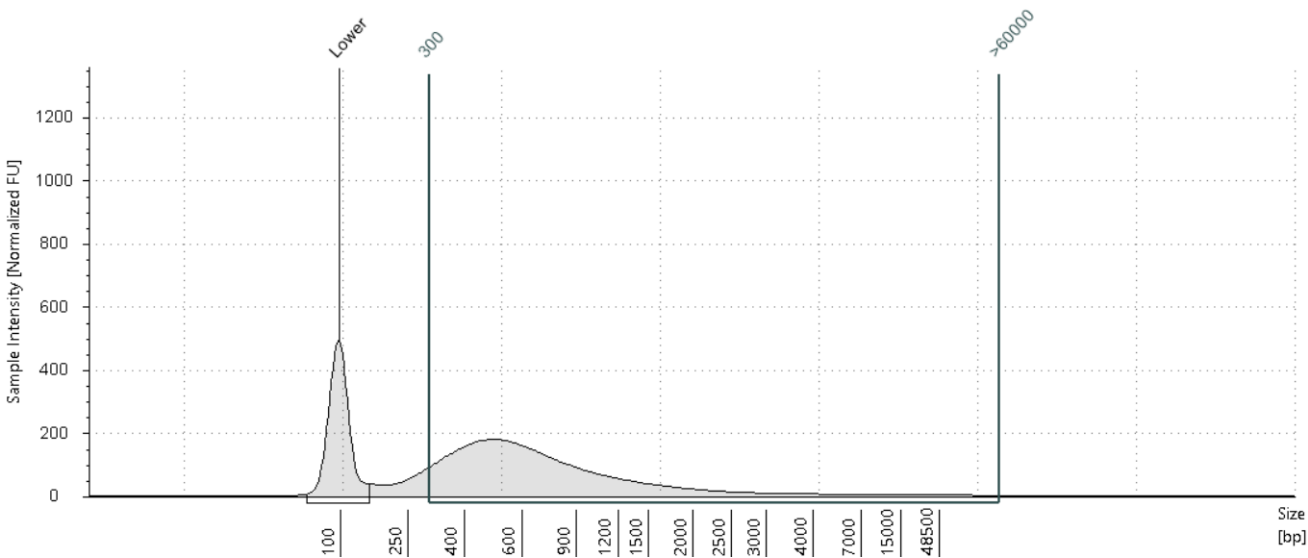


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
D2	1.4	23.7	USNM 51728, 1960		

Peak Table

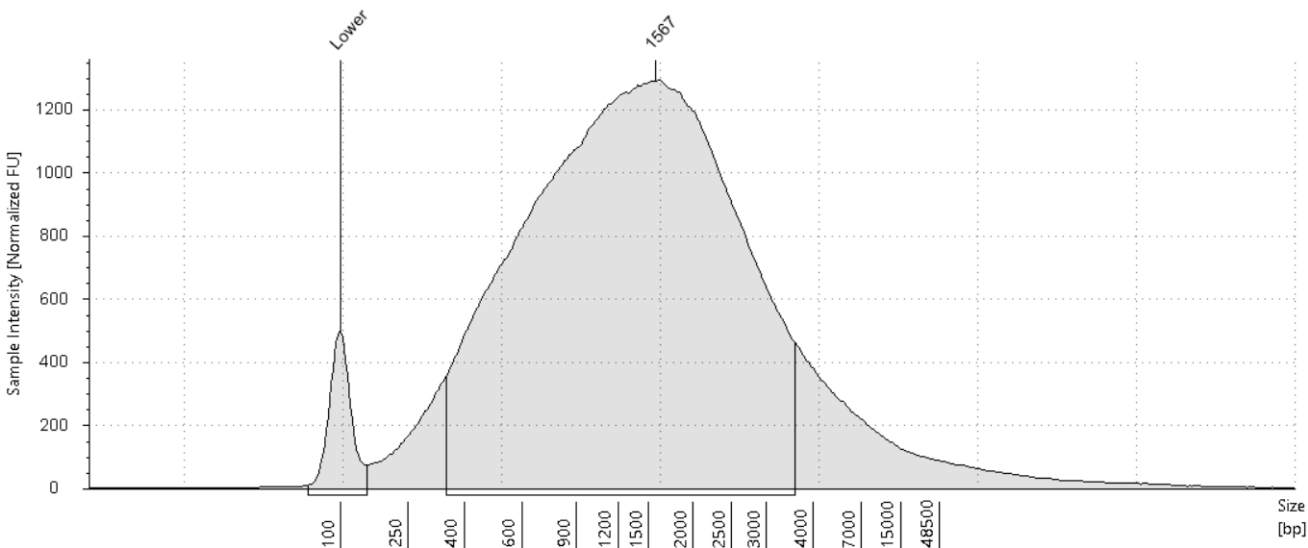
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	150		Lower Marker
489	19.1	-	100.00	212	1185		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	21.3	53.7	89.90		

E2: USNM 100609, 2000

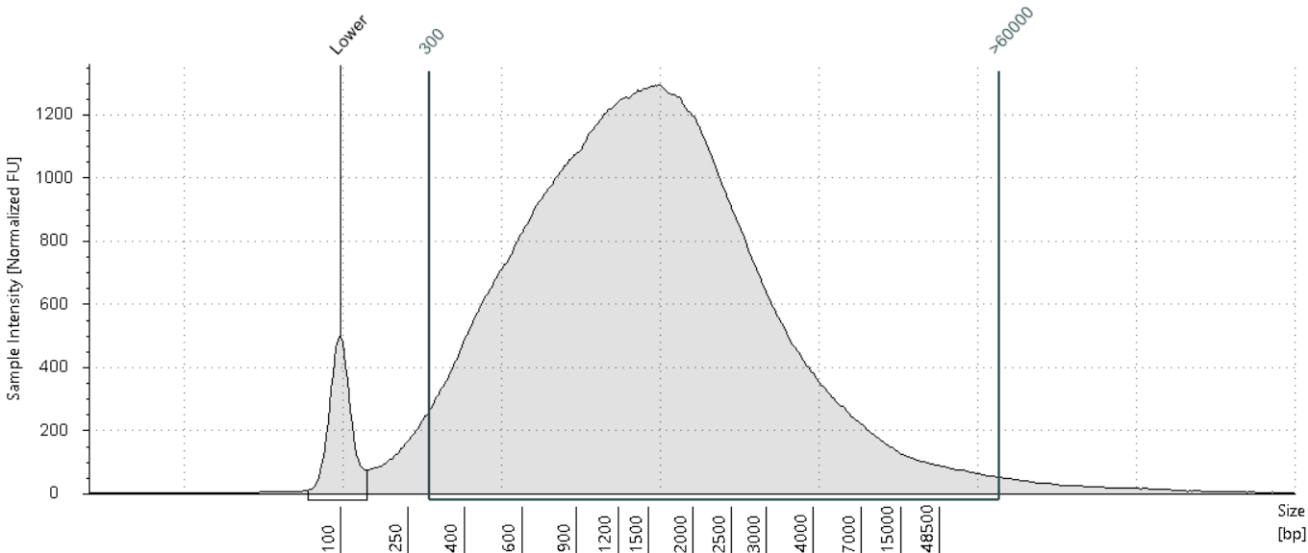


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
E2	2.9	261	USNM 100609, 2000		Sample concentration outside recommended range

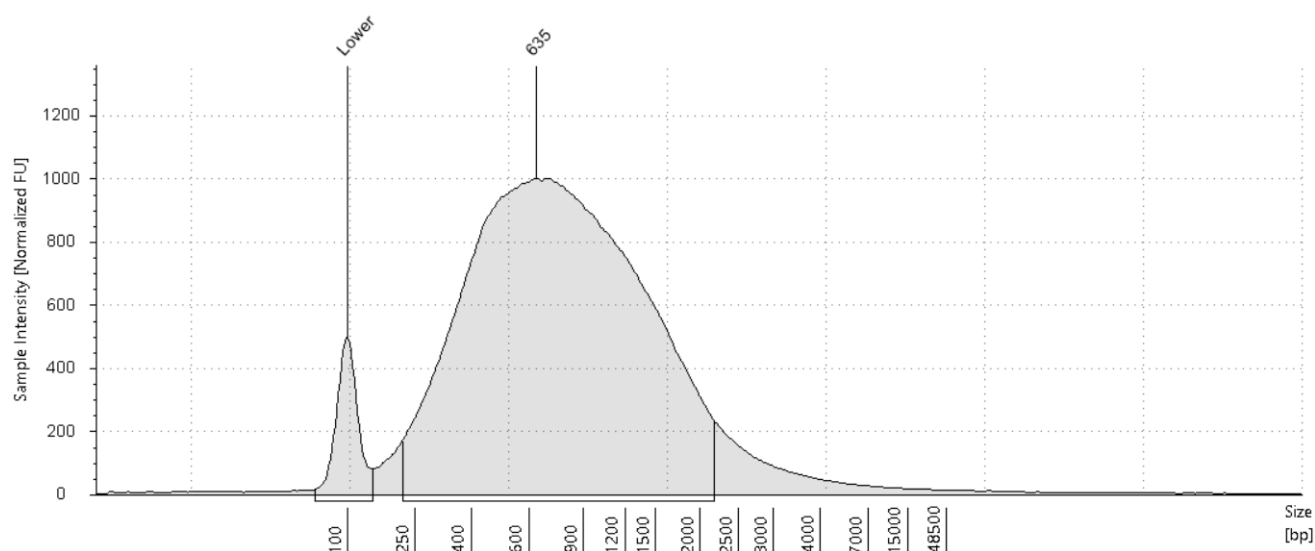
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	144		Lower Marker
1567	223	-	100.00	347	3568		



Region Table

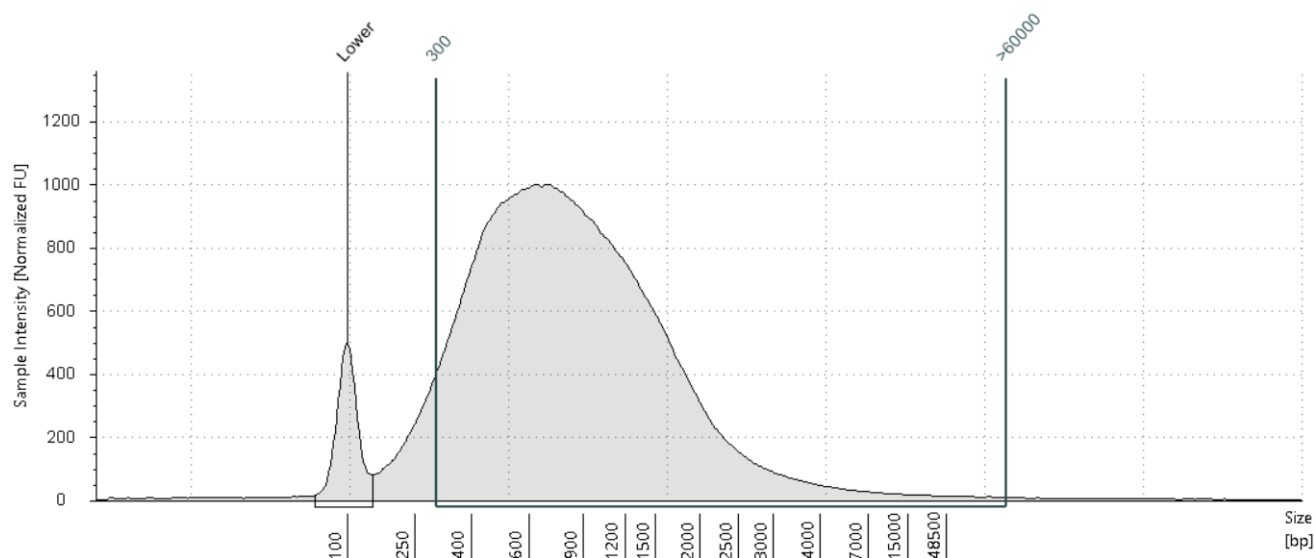
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	251	349	96.34		

F2: USNM 100610, 2000**Sample Table**

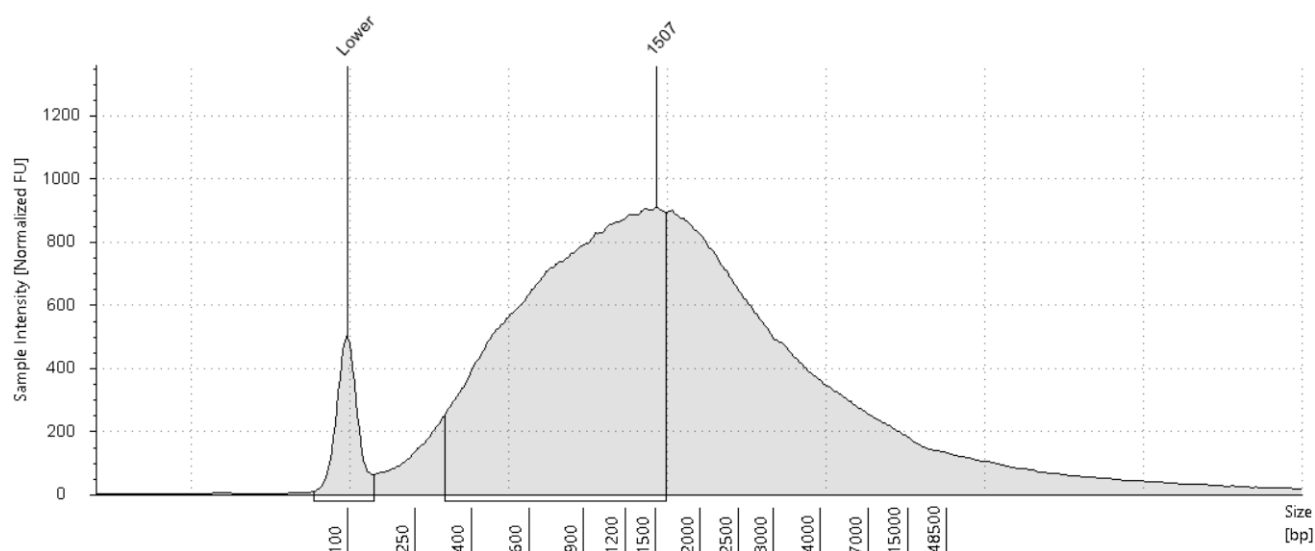
Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
F2	1.9	164	USNM 100610, 2000		Sample concentration outside recommended range

Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	141		Lower Marker
635	149	-	100.00	215	2171		

**Region Table**

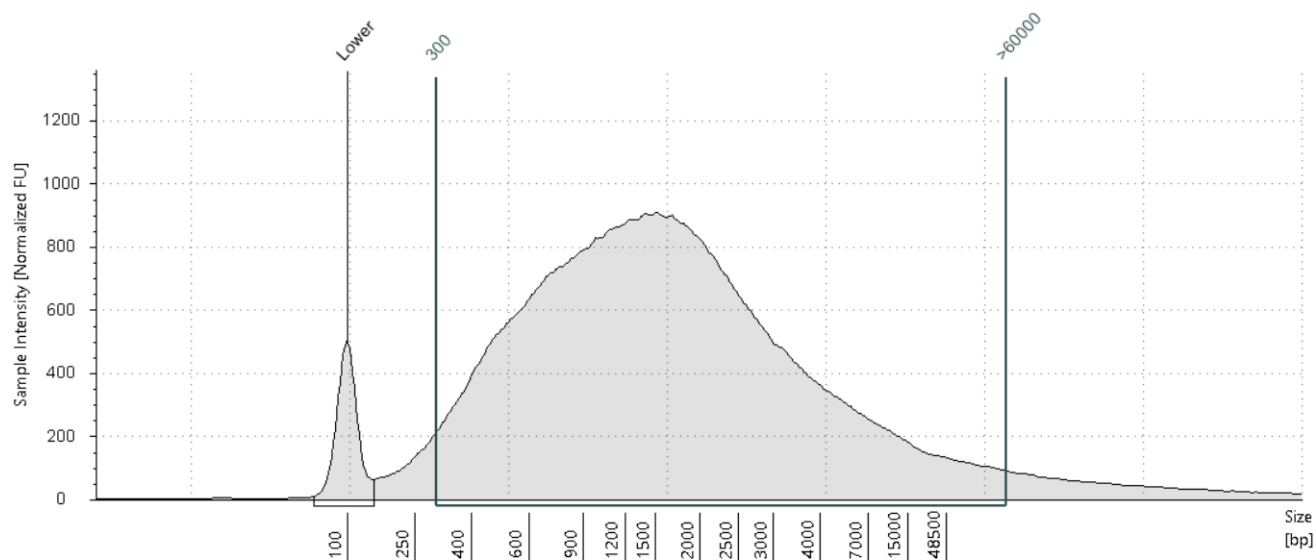
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	154	325	93.57		

G2: USNM 1007393, 2000**Sample Table**

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
G2	2.8	218	USNM 1007393, 2000	⚠	Sample concentration outside recommended range

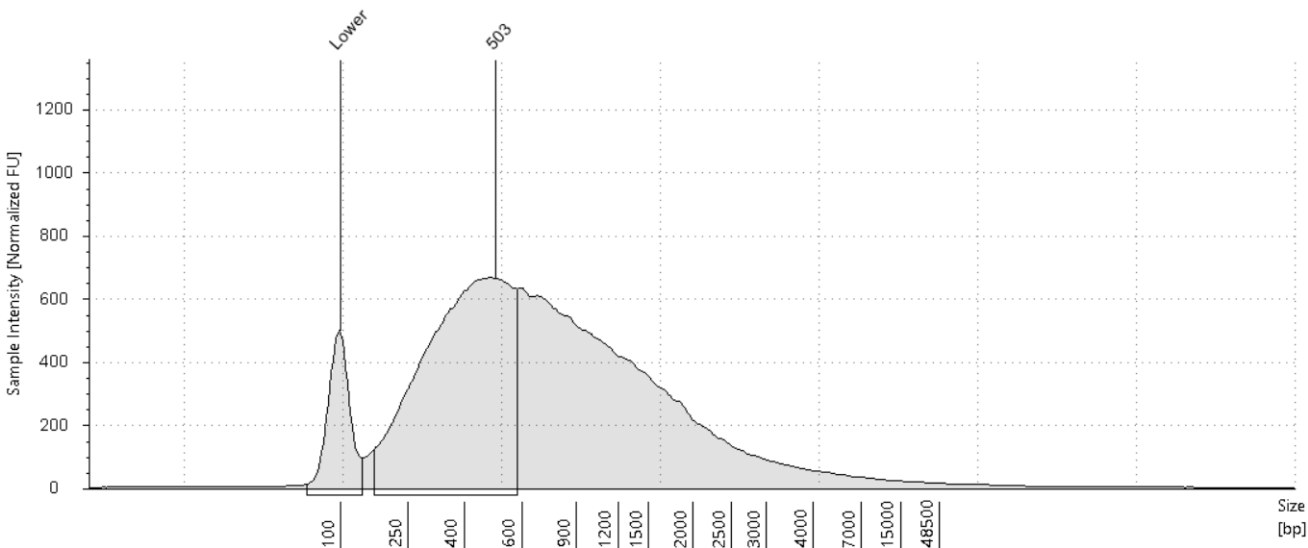
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	144		Lower Marker
1507	108	-	98.04	324	1615		
-	-	-	-	-	-		Sample Well

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	204	277	93.49		■

H2: USNM 1018355, 2002

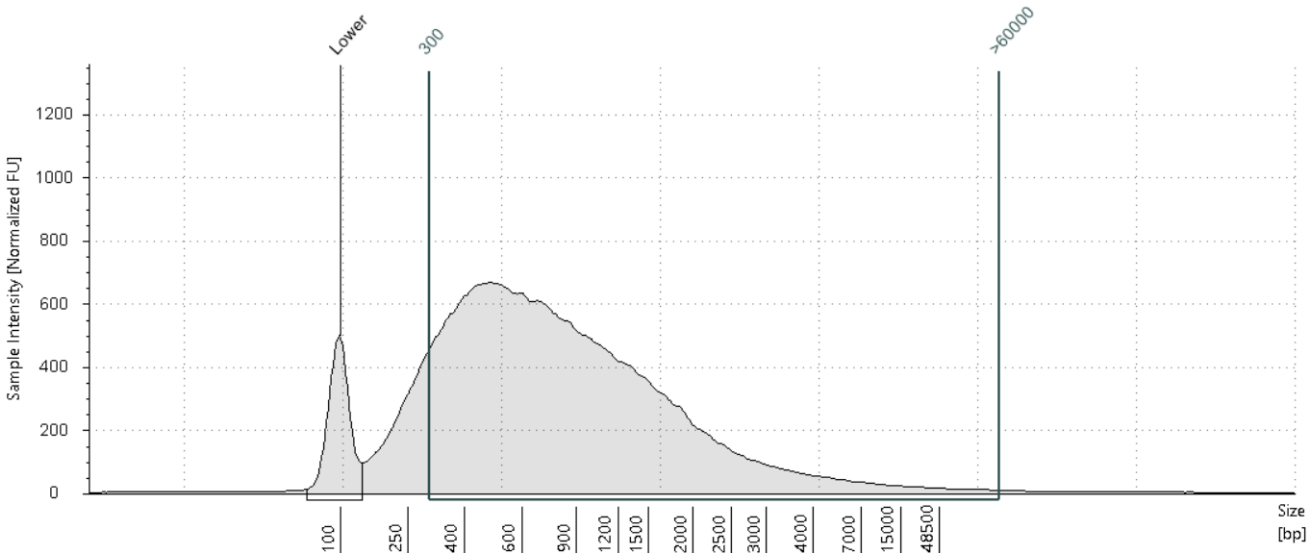


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
H2	1.8	115	USNM 1018355, 2002		Sample concentration outside recommended range

Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	63	136		Lower Marker
503	47.3	-	100.00	161	585		



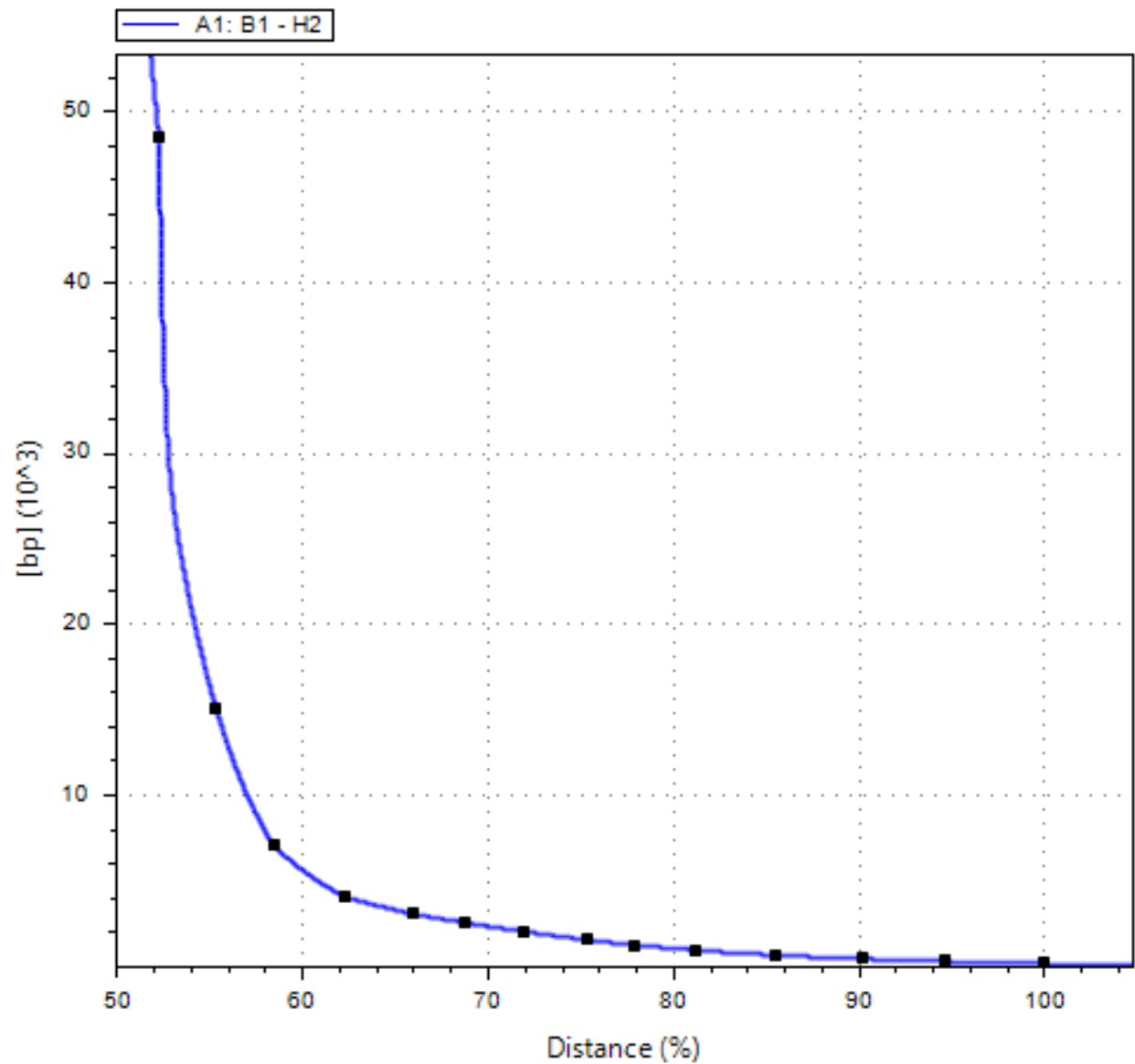
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
300	>60000	-	103	230	89.98		

Calibration

Molecular Weight Settings

Fitting type: Genomic DNA Sizing
Alignment type: From lower marker



Concentration Settings

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