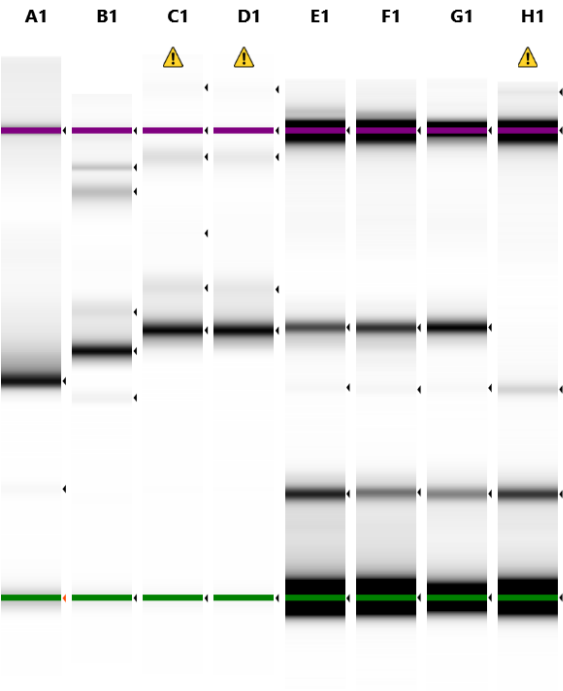


Filename: NGS 5110 Ligation Optimization Lib QC.cD1000

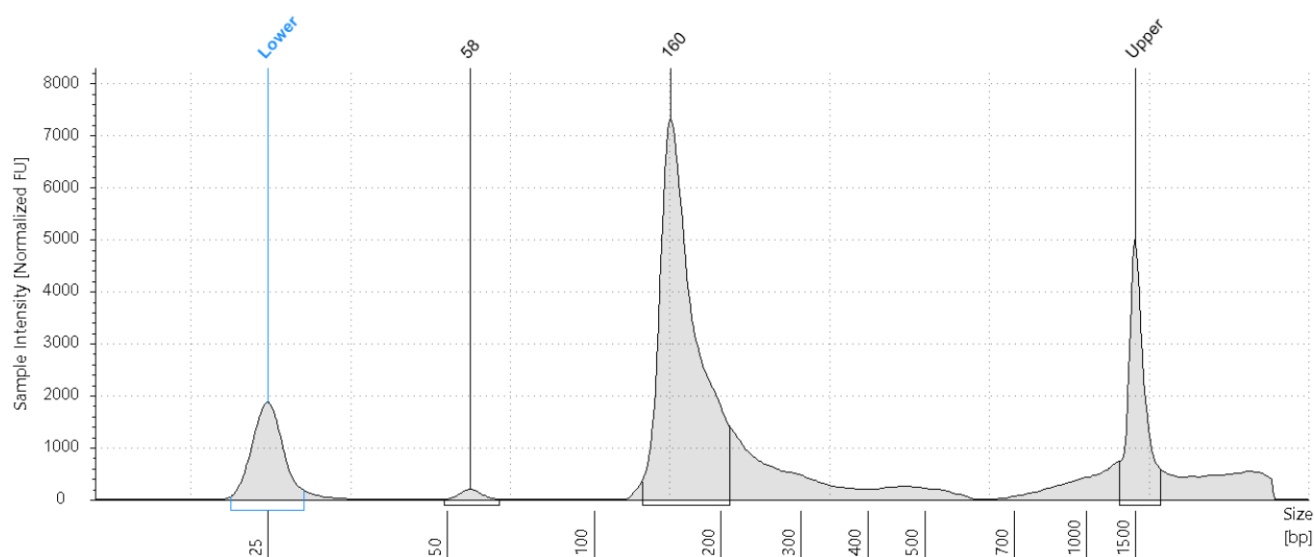


Default image (Contrast 50%), Image is Scaled to Sample

Sample Info

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	22.1	5110 +PEGLig 25C sup		
B1	98.1	5110 -PEGLig 25C sup		
C1	160	5110 +PEGLig 40C sup	⚠	Peak out of Sizing Range
D1	189	5110 -PEGLig 40C sup	⚠	Peak out of Sizing Range
E1	1.31	5110 +PEGLig 25C		
F1	1.10	5110 -PEGLig 25C		
G1	2.20	5110 +PEGLig 40C		
H1	0.769	5110 -PEGLig 40C	⚠	Peak out of Sizing Range

## A1: 5110 +PEG Lig 25C sup

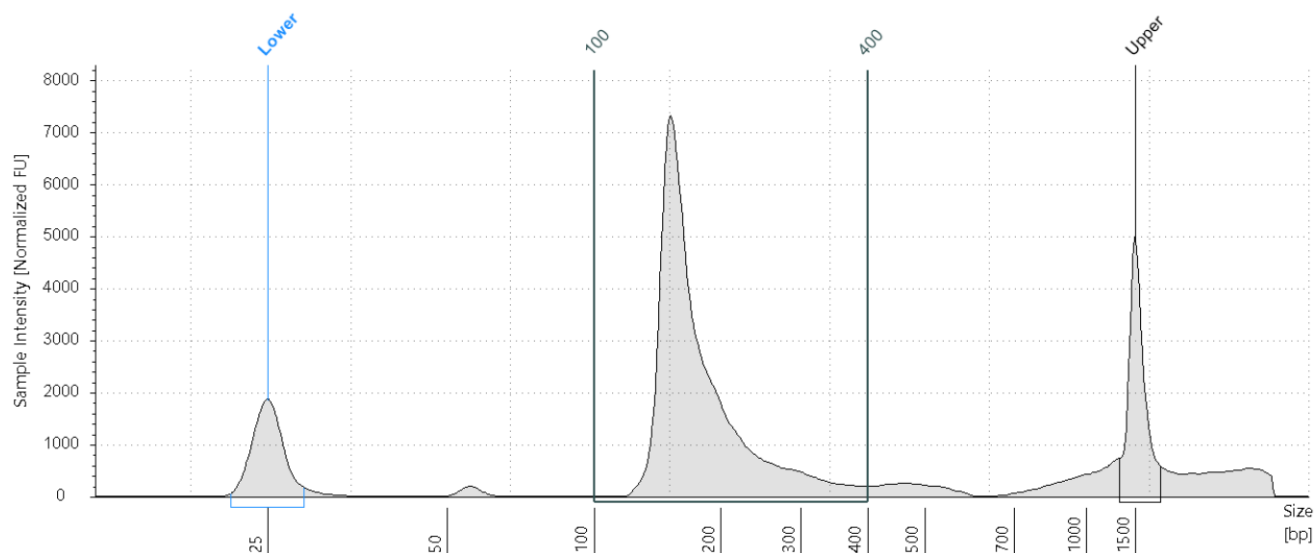


Sample Table

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	22.1	5110 +PEG Lig 25C sup		

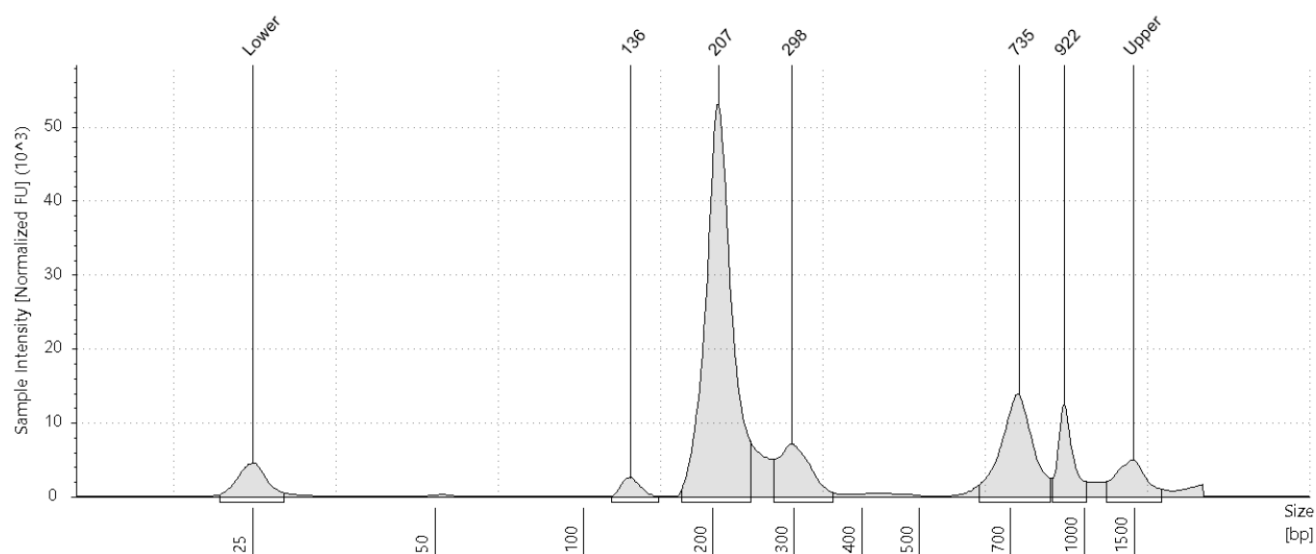
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	4.88	-	300	-		Lower Marker
58	0.367	-	9.74	1.66		
160	21.7	-	208	98.34		
1500	6.50	6.50	6.67	-		Upper Marker



Region Table

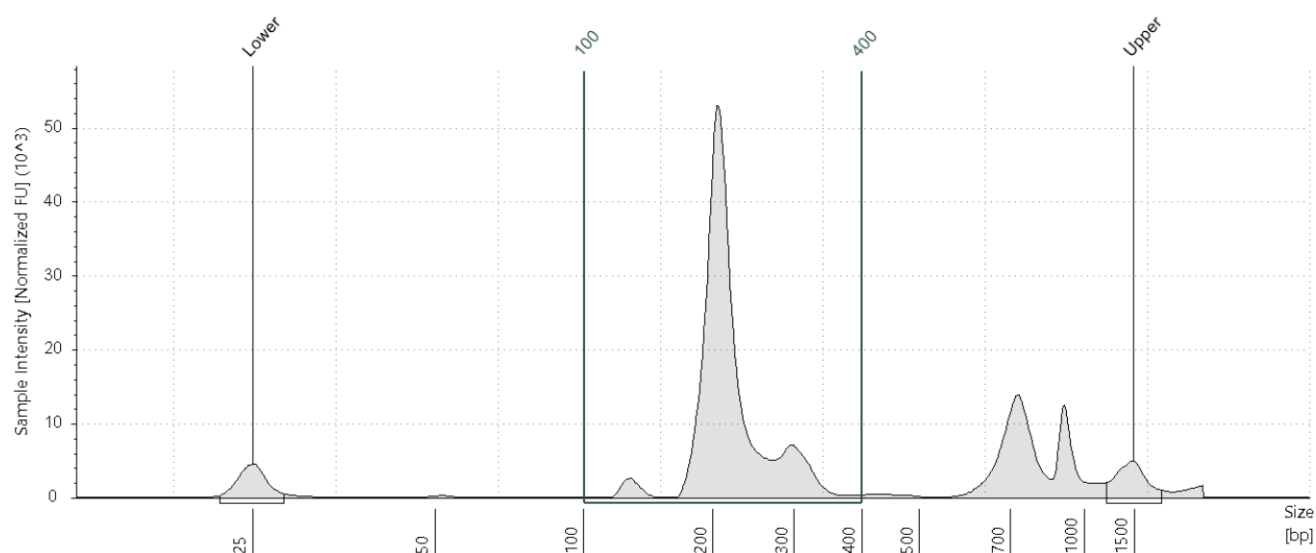
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	190	27.3	232	76.07		

**B1: 5110 -PEG Lig 25C sup****Sample Table**


Well	Conc. [ng/μl]	Sample Description	Alert	Observations
B1	98.1	5110 -PEG Lig 25C sup		

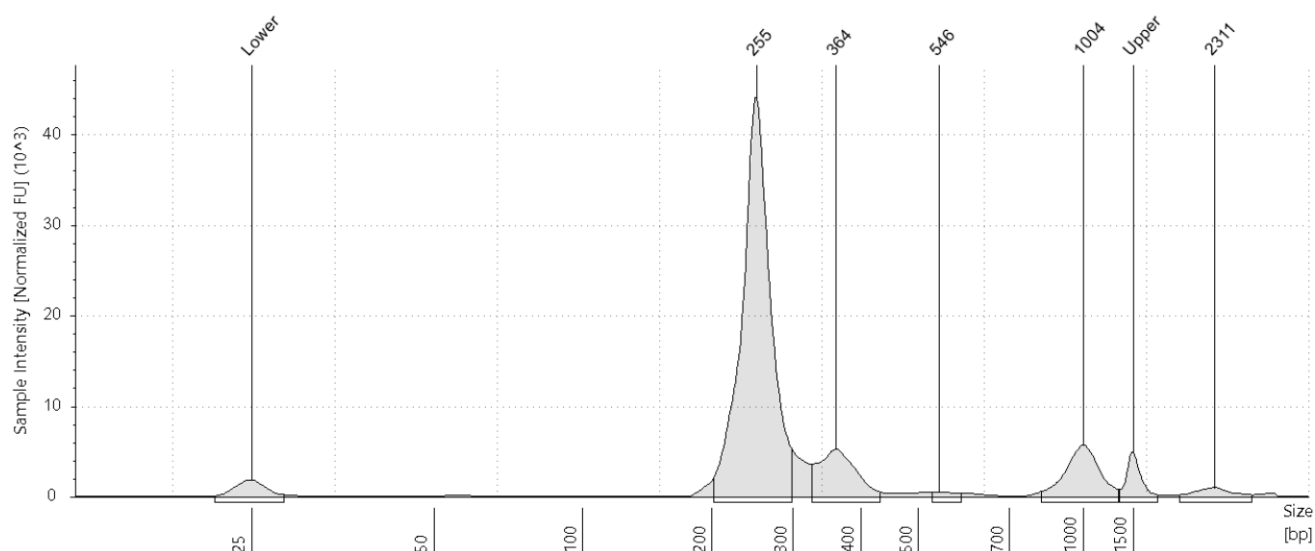
**Peak Table**

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.68	-	350	-		Lower Marker
136	2.13	-	24.1	2.17		
207	59.4	-	442	60.58		
298	9.89	-	51.1	10.08		
735	18.9	-	39.6	19.28		
922	7.74	-	12.9	7.89		
1500	6.50	6.50	6.67	-		Upper Marker

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
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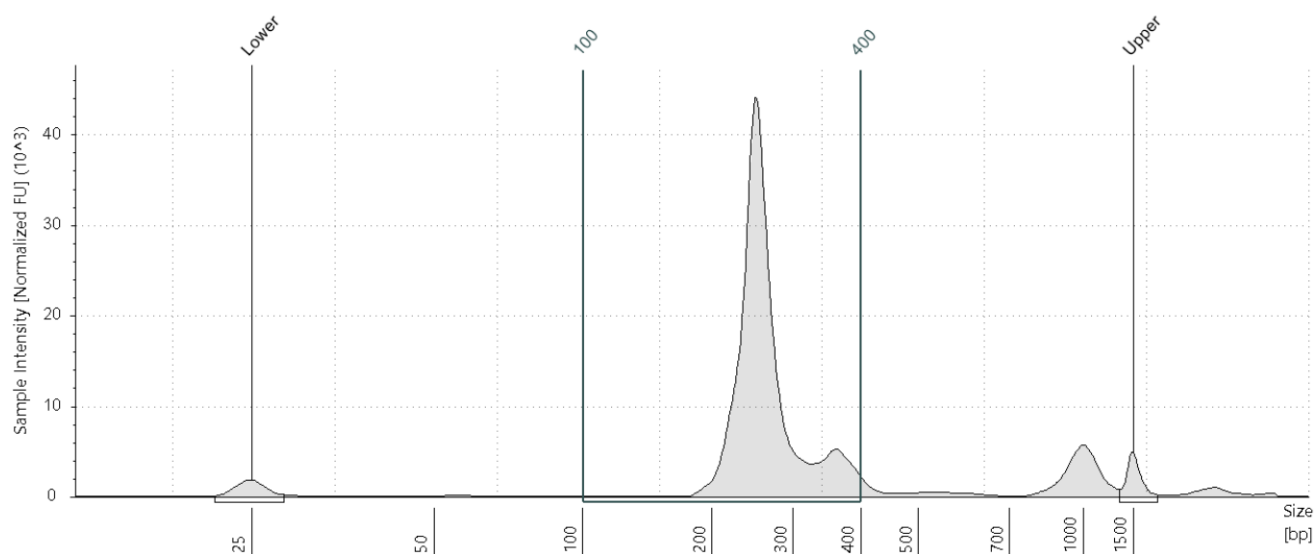
100	400	224	76.7	544	70.41		
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**C1: 5110 +PEG Lig 40C sup****Sample Table**


Well	Conc. [ng/μl]	Sample Description	Alert	Observations
C1	160	5110 +PEG Lig 40C sup	⚠	Peak out of Sizing Range

**Peak Table**

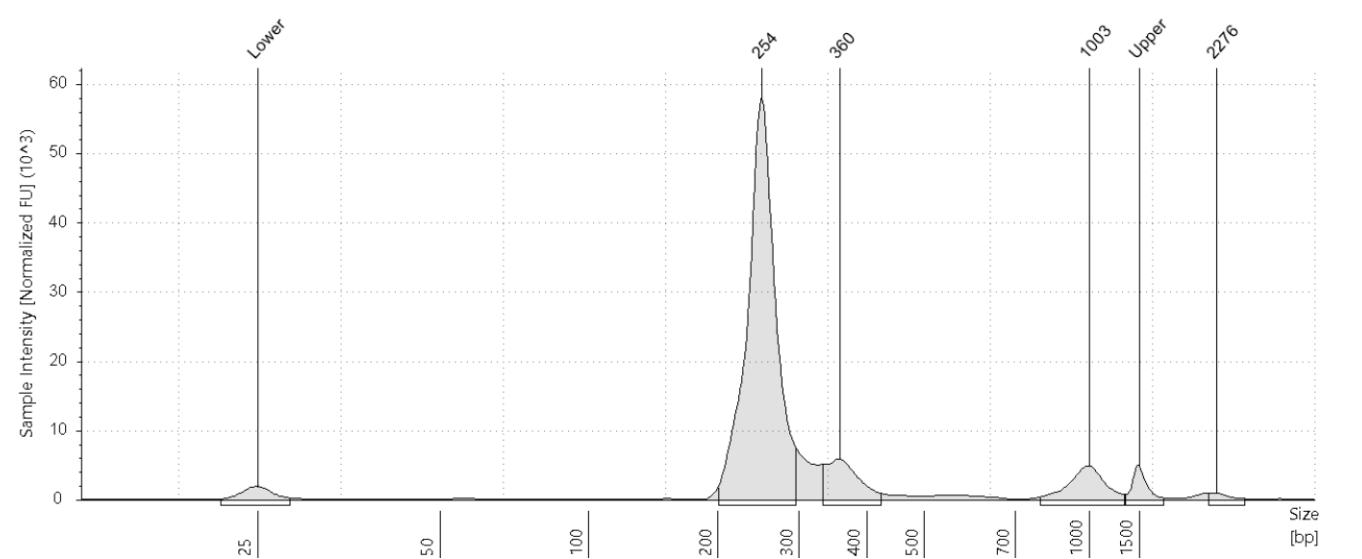
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.39	-	332	-		Lower Marker
255	119	-	718	74.31		
364	18.6	-	78.5	11.60		
546	1.11	-	3.13	0.69		
1004	18.2	-	27.9	11.34		
1500	6.50	6.50	6.67	-		Upper Marker
2311	3.30	-	2.19	2.06		Peak outside of Sizing Range

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
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100	400	270	144	841	83.32		
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D1: 5110 -PEG Lig 40C sup

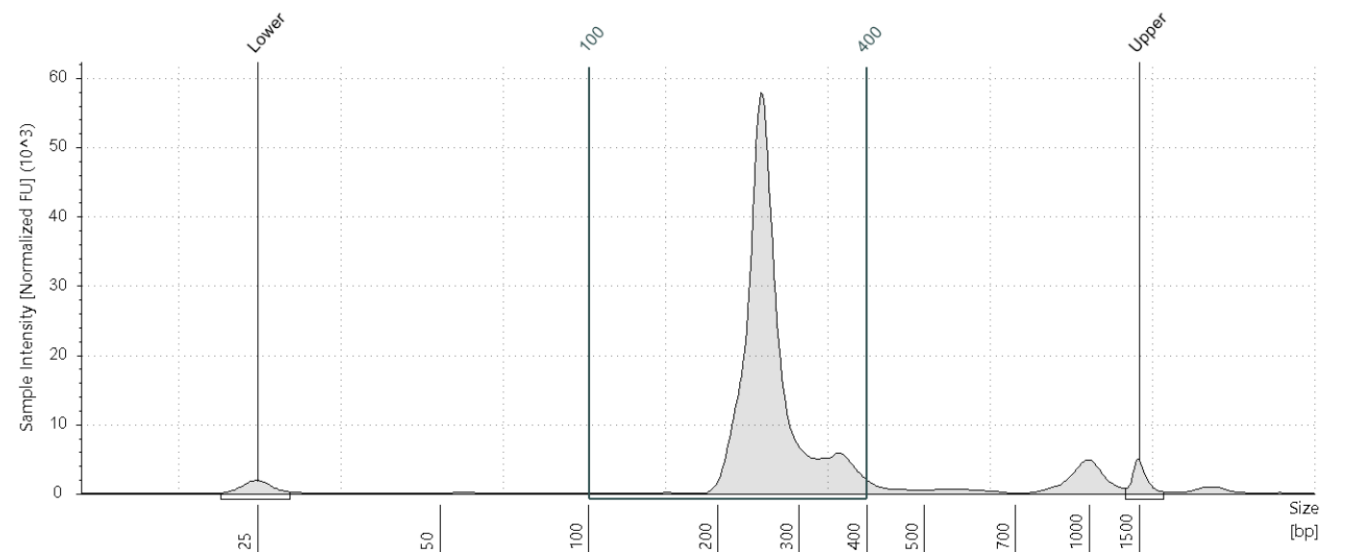


Sample Table

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
D1	189	5110 -PEG Lig 40C sup		Peak out of Sizing Range

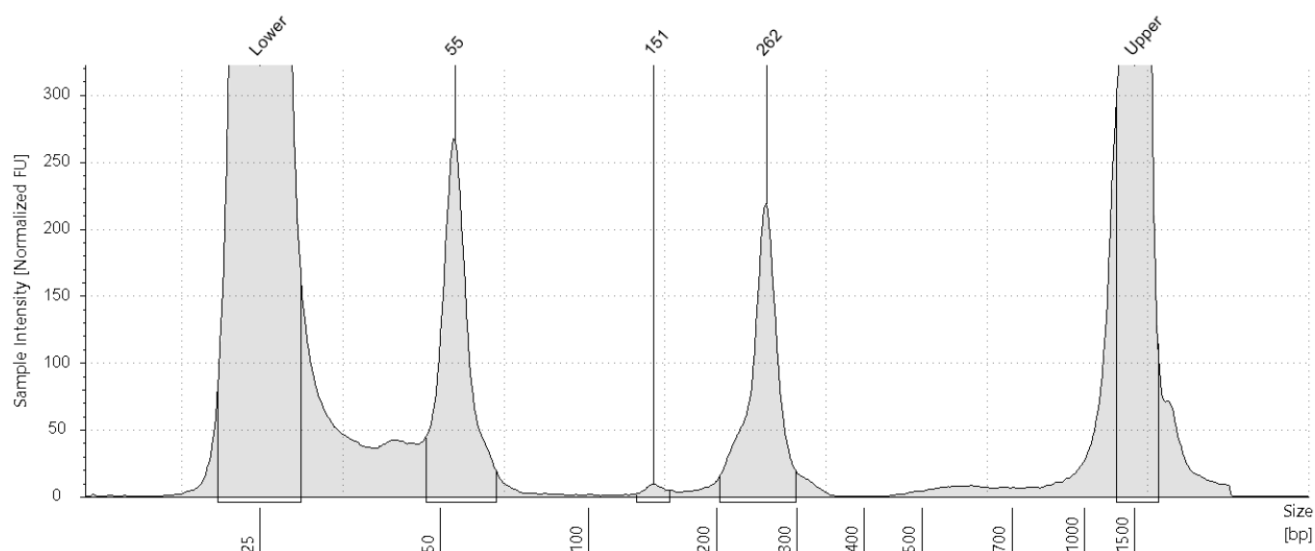
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	5.53	-	340	-		Lower Marker
254	153	-	926	80.90		
360	18.4	-	78.7	9.72		
1003	16.0	-	24.5	8.44		
1500	6.50	6.50	6.67	-		Upper Marker
2276	1.76	-	1.19	0.93		Peak outside of Sizing Range



Region Table

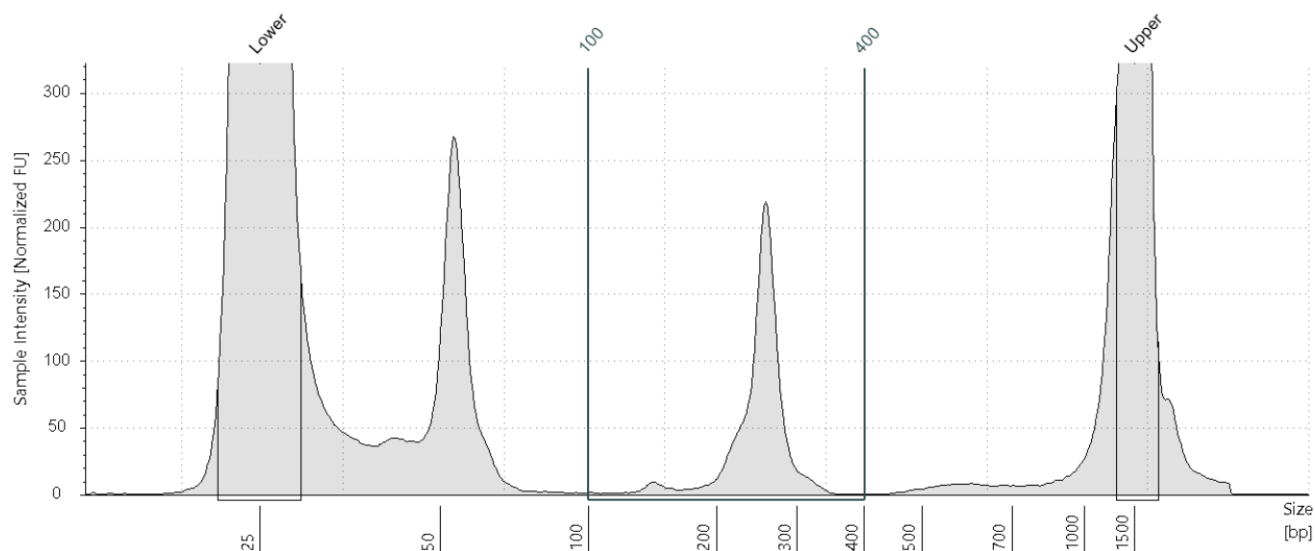
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	268	183	1070	86.80		

**E1: 5110 +PEG Lig 25C****Sample Table**

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
E1	1.31	5110 +PEG Lig 25C		

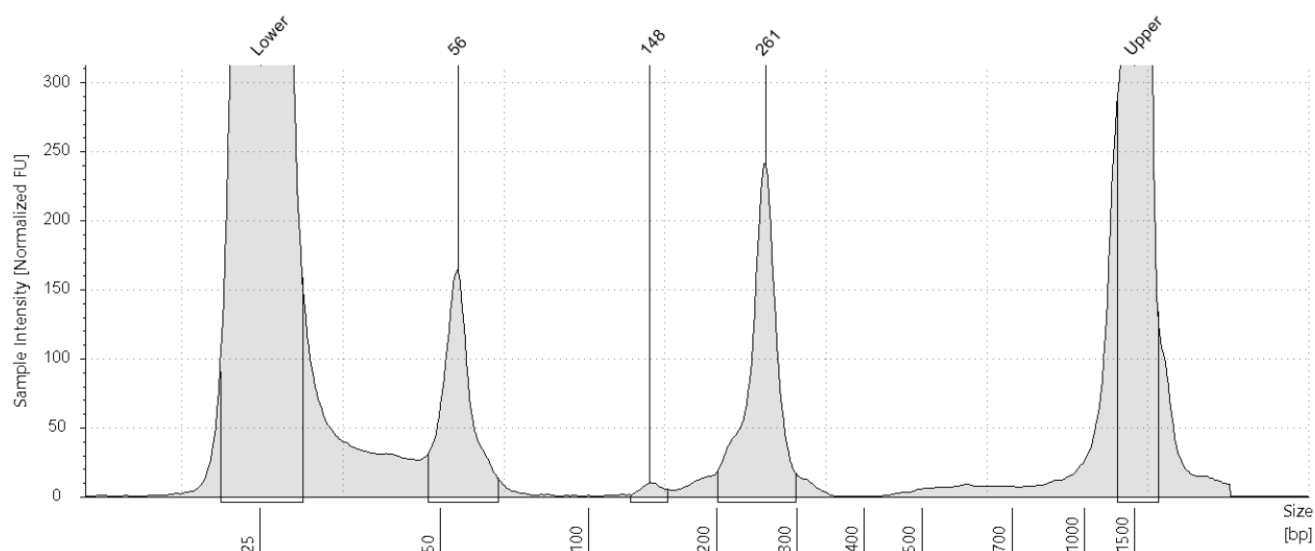
**Peak Table**

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.64	-	408	-		Lower Marker
55	0.717	-	20.1	54.62		
151	0.0177	-	0.180	1.35		
262	0.578	-	3.39	44.03		
1500	6.50	6.50	6.67	-		Upper Marker

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	253	0.652	4.09	24.59		

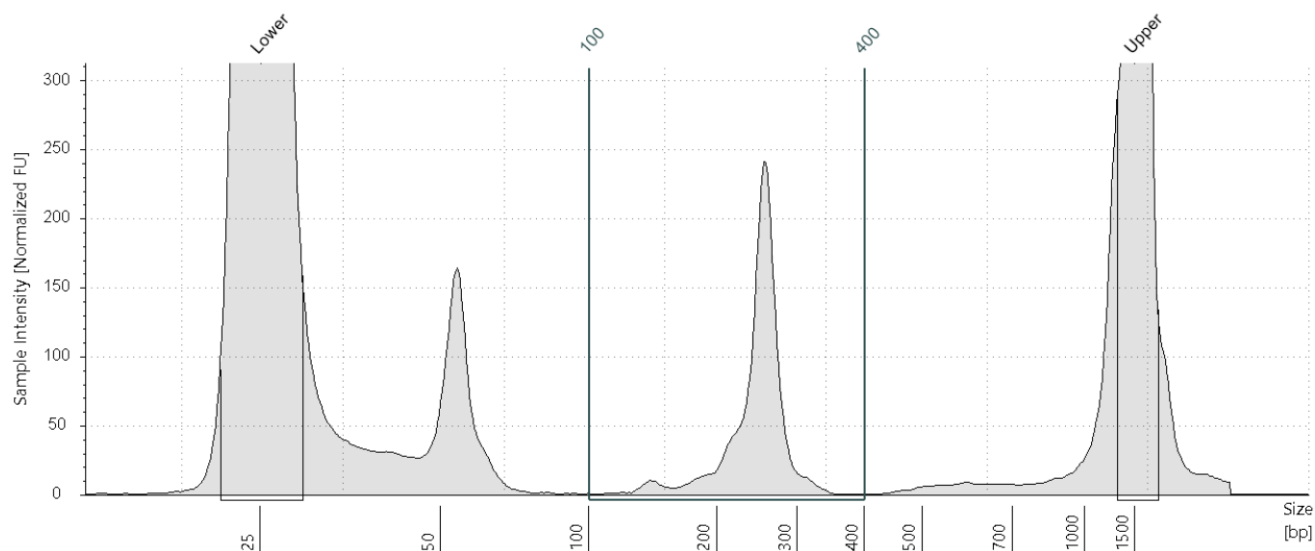


**F1: 5110 -PEG Lig 25C****Sample Table**

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
F1	1.10	5110 -PEGLig 25C		

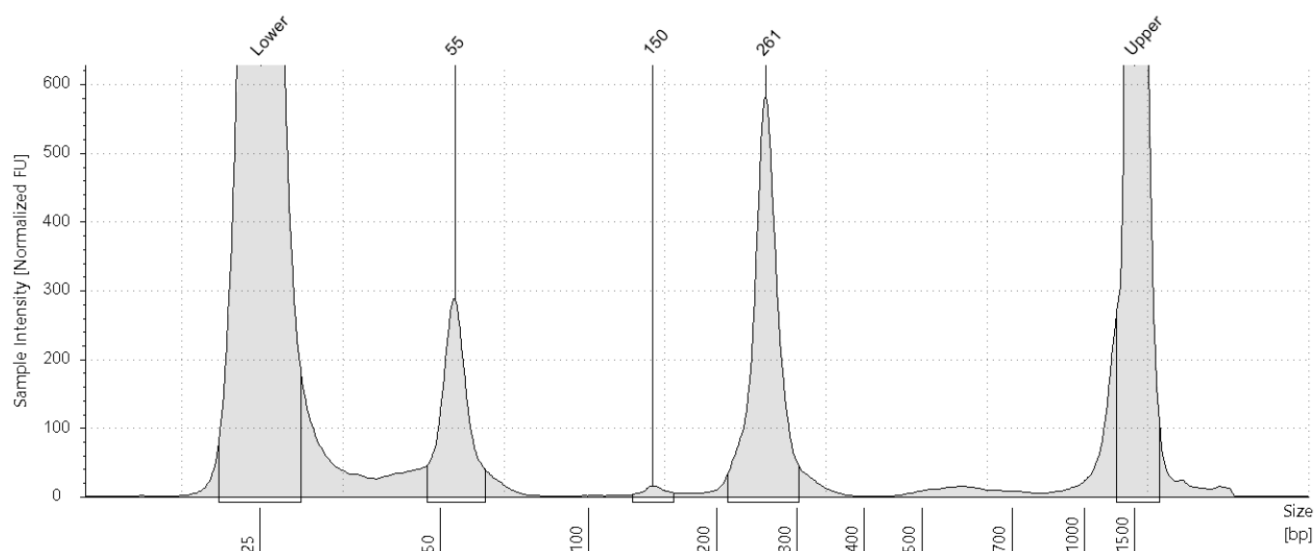
**Peak Table**

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.60	-	406	-		Lower Marker
56	0.451	-	12.5	40.84		
148	0.0212	-	0.221	1.92		
261	0.632	-	3.73	57.23		
1500	6.50	6.50	6.67	-		Upper Marker

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	250	0.724	4.60	30.34		

## G1: 5110 +PEG Lig 40C

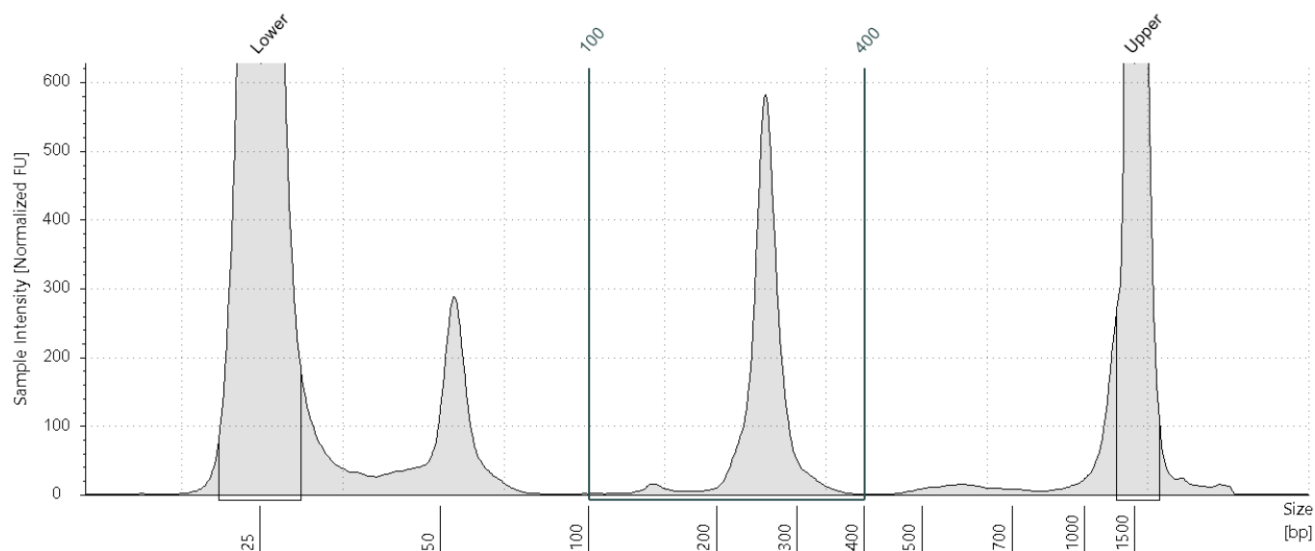


Sample Table

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
G1	2.20	5110 +PEG Lig 40C		

Peak Table

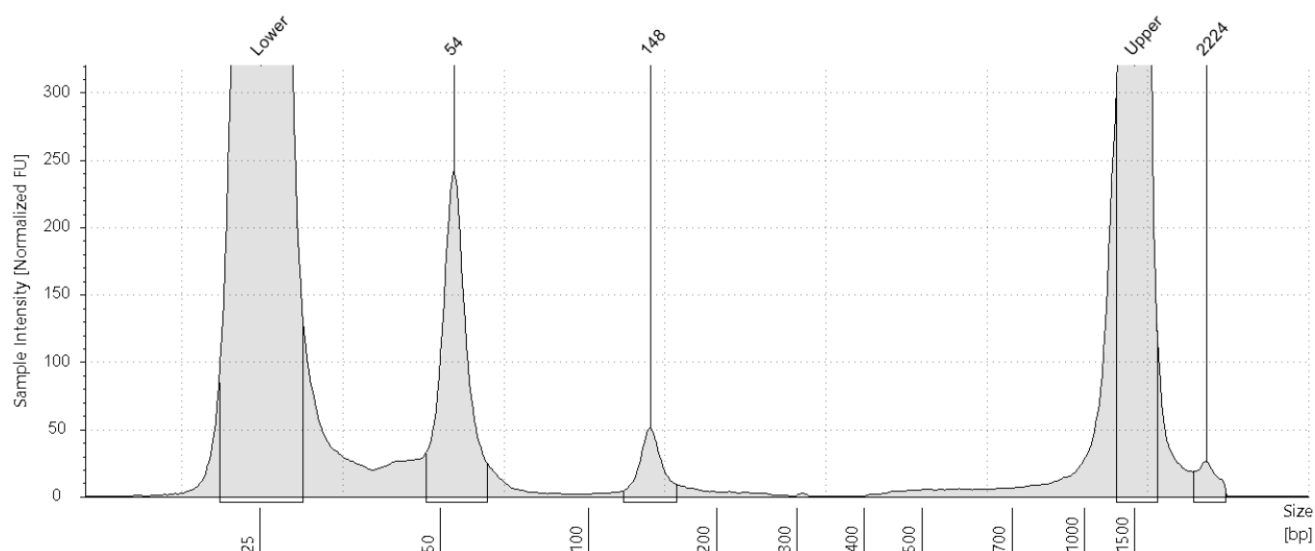
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.45	-	397	-		Lower Marker
55	0.726	-	20.5	33.08		
150	0.0342	-	0.351	1.56		
261	1.43	-	8.45	65.36		
1500	6.50	6.50	6.67	-		Upper Marker



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	259	1.59	9.63	45.13		

## H1: 5110 -PEG Lig 40C

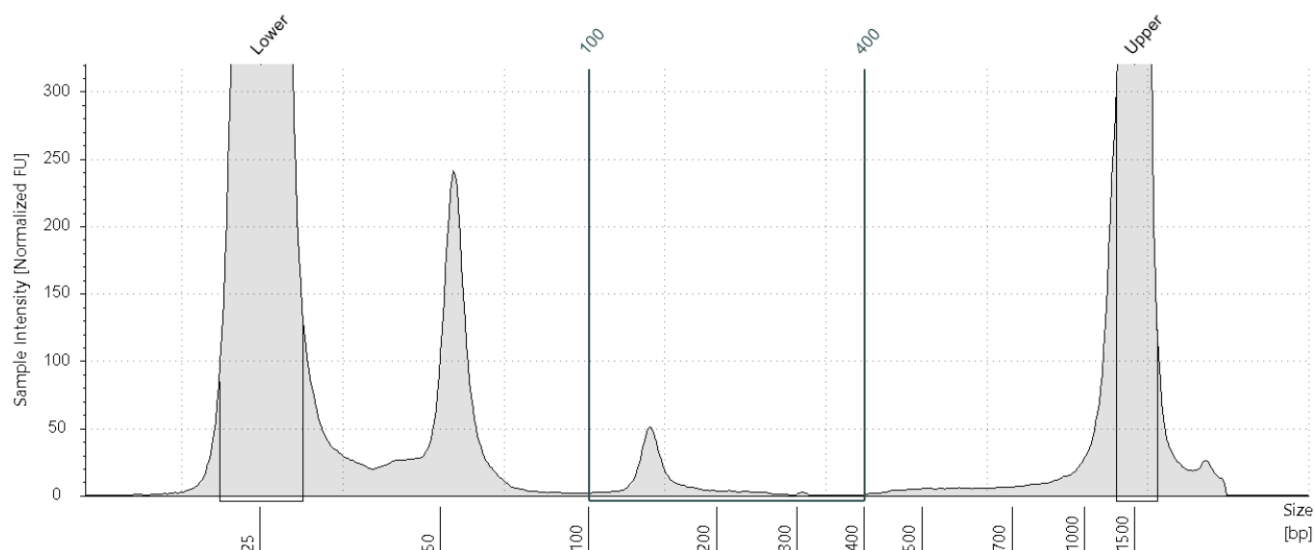


Sample Table

Well	Conc. [ng/μl]	Sample Description	Alert	Observations
H1	0.769	5110 -PEG Lig 40C		Peak out of Sizing Range

Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	6.20	-	382	-		Lower Marker
54	0.599	-	17.0	77.83		
148	0.114	-	1.19	14.88		
1500	6.50	6.50	6.67	-		Upper Marker
2224	0.0561	-	0.0388	7.29		Peak outside of Sizing Range



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	400	163	0.157	1.60	8.54		