Filename: 2025-04-01_Federica_Mcap and Pacu coral_3'libraries with human Hela control.cHSD1000
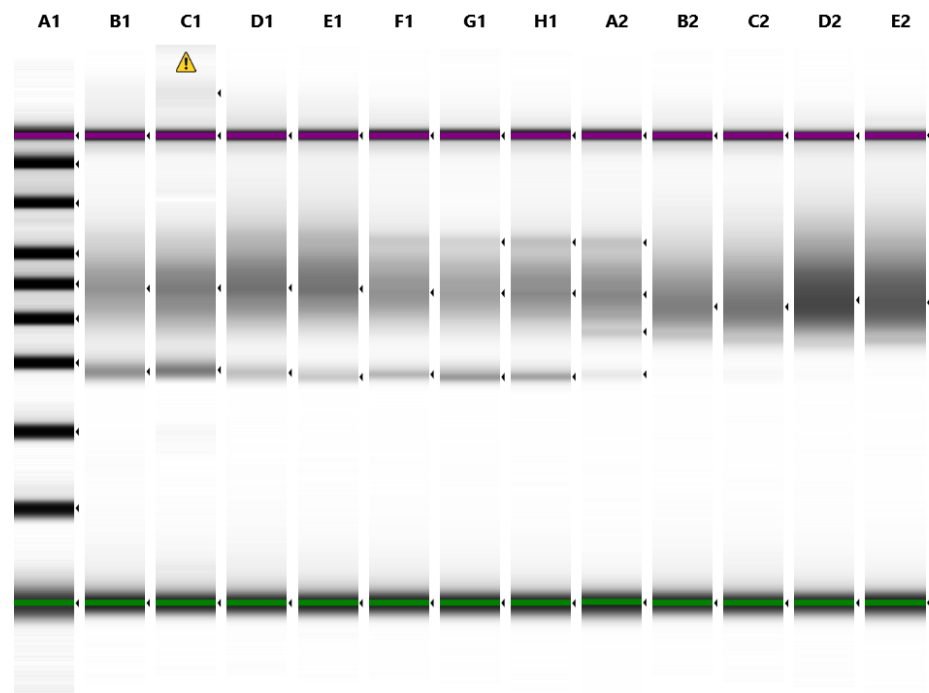


Default image (Contrast 100%)

Sample Info

Well	Conc. [pg/µl]	Sample Description	Alert	Observations
A1	2350	Electronic Ladder		Ladder
B1	252	10ng_Mcap-E7_5ulPolyAR1_1		
C1	284	10ng_Mcap-E7_5ulPolyAR1_2	⚠	Peak out of Sizing Range
D1	303	10ng_Mcap-E7_3ulPolyAR1_1		
E1	278	10ng_Mcap-E7_3ulPolyAR1_2		
F1	213	10ng_Pacu-D8_5ulPolyAR1_1		
G1	233	10ng_Pacu-D8_5ulPolyAR1_2		
H1	297	10ng_Pacu-D8_3ulPolyAR1_1		
A2	318	10ng_Pacu-D8_3ulPolyAR1_2		
B2	170	10ng_Hela_5ulPolyAR1_1		
C2	309	10ng_Hela_5ulPolyAR1_2		
D2	440	10ng_Hela_3ulPolyAR1_1		
E2	680	10ng_Hela_3ulPolyAR1_2		

A1: Electronic Ladder
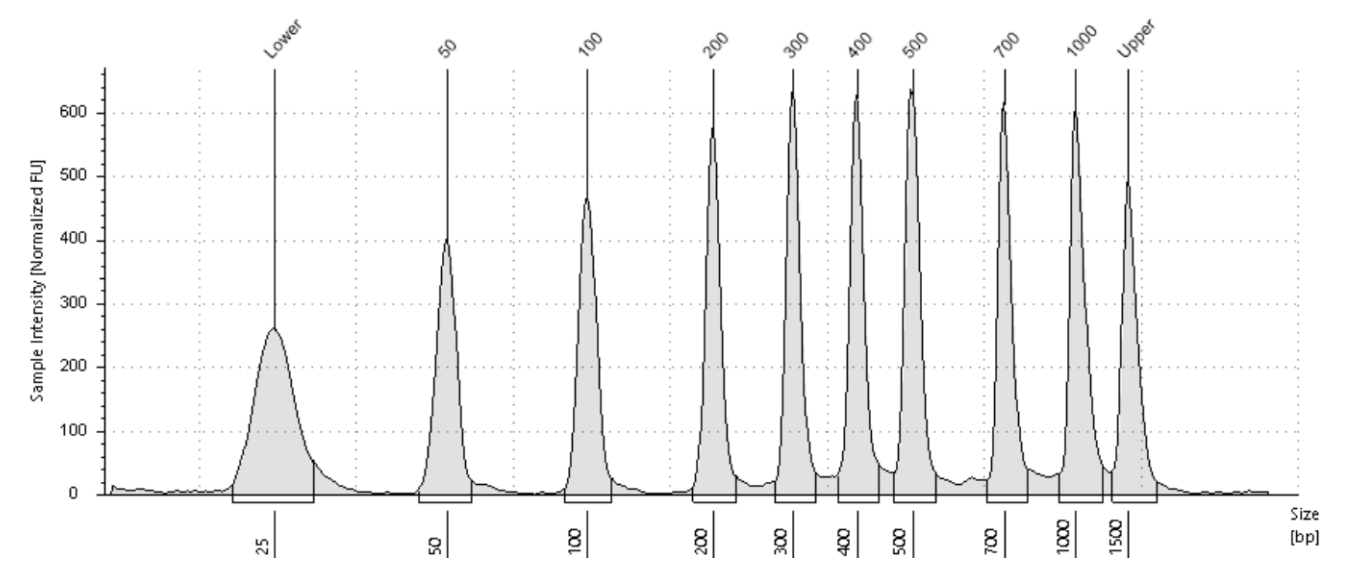
Sample Table

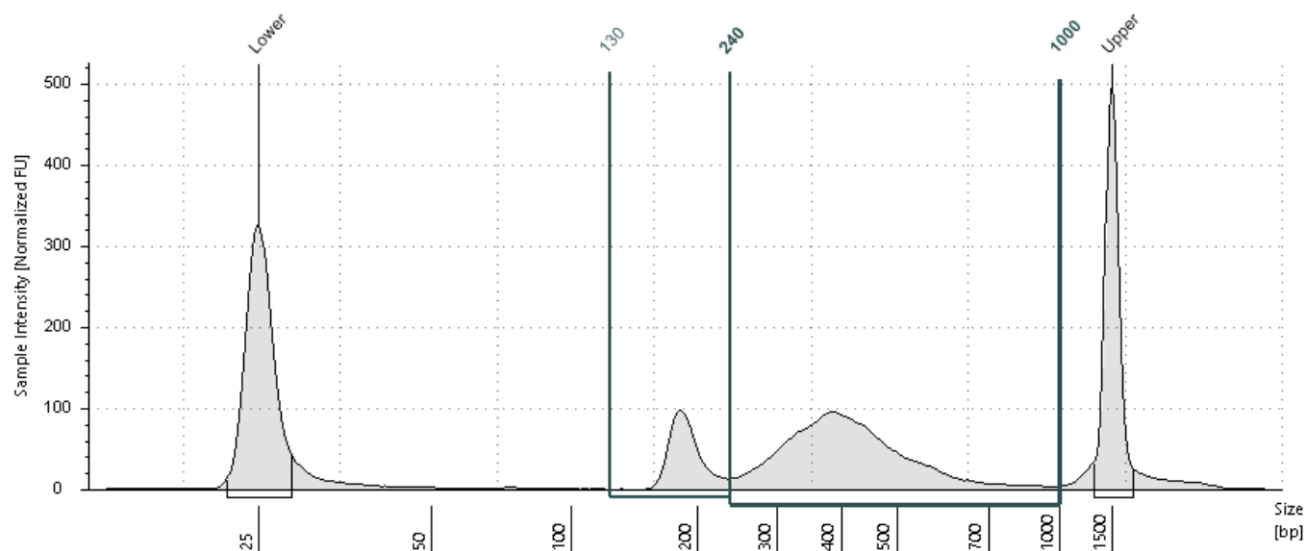| Well	Conc. [pg/µl]	Sample Description	Alert	Observations
A1	2350	Electronic Ladder		Ladder

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	340	-	20900	-	19	31		Lower Marker
50	265	-	8160	11.28	46	59		
100	278	-	4270	11.82	92	119		
200	290	-	2230	12.32	184	228		
300	304	-	1560	12.95	276	334		
400	306	-	1180	13.00	370	439		
500	312	-	961	13.29	465	549		
700	286	-	629	12.19	660	795		
1000	309	-	476	13.15	929	1261		
1500	250	250	256	-	1348	1772		Upper Marker

B1: 10ng_Mcap-E7_5ulPolyAR1_1
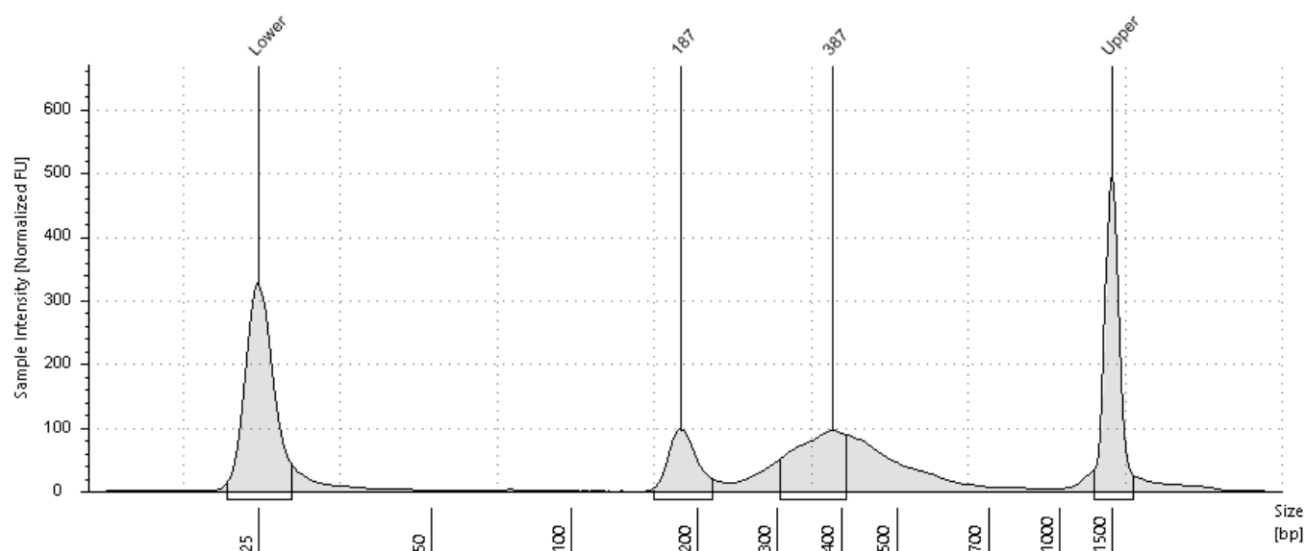
Sample Table

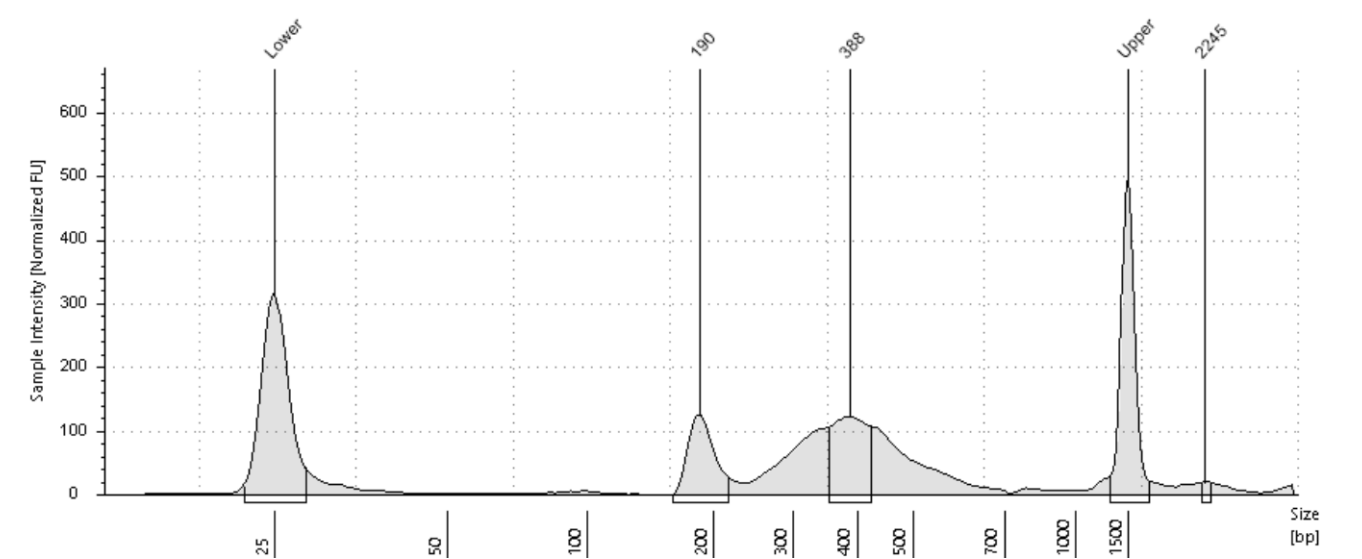| Well	Conc. [pg/µl]	Sample Description	Alert	Observations
B1	252	10ng_Mcap-E7_5ulPolyAR1_1		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	320	-	19700	-	20	30		Lower Marker
187	95.1	-	781	37.68	165	219		
387	157	-	625	62.32	304	408		
1500	250	250	256	-	1332	1713		Upper Marker

Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	240	193	103	831	18.36		
240	1000	425	374	1450	66.68		

C1: 10ng_Mcap-E7_5ulPolyAR1_2

Sample Table

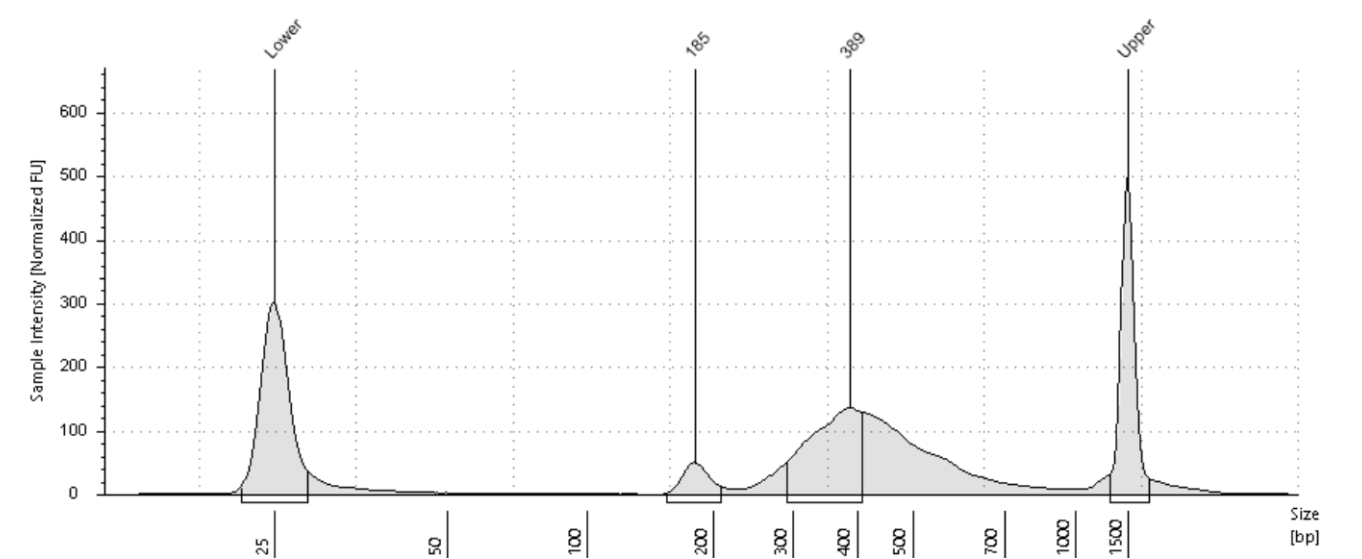| Well	Conc. [pg/µl]	Sample Description	Alert	Observations
C1	284	10ng_Mcap-E7_5ulPolyAR1_2	⚠️	Peak out of Sizing Range

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	320	-	19700	-	20	30		Lower Marker
190	119	-	969	42.13	168	220		
388	158	-	626	55.71	355	424		
1500	250	250	256	-	1333	1700		Upper Marker
2245	6.14	-	4.20	2.16	2212	2301		Peak outside of Sizing Range
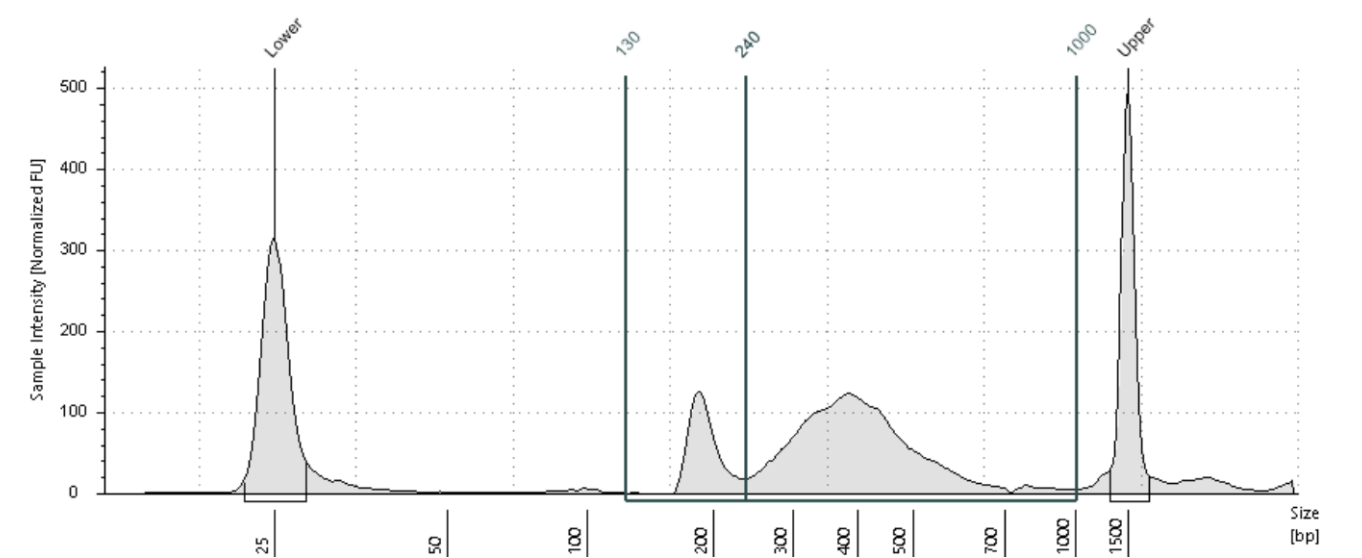
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	240	195	130	1040	17.34		■
240	1000	417	512	2040	68.14		■

D1: 10ng_Mcap-E7_3ulPolyAR1_1

Sample Table

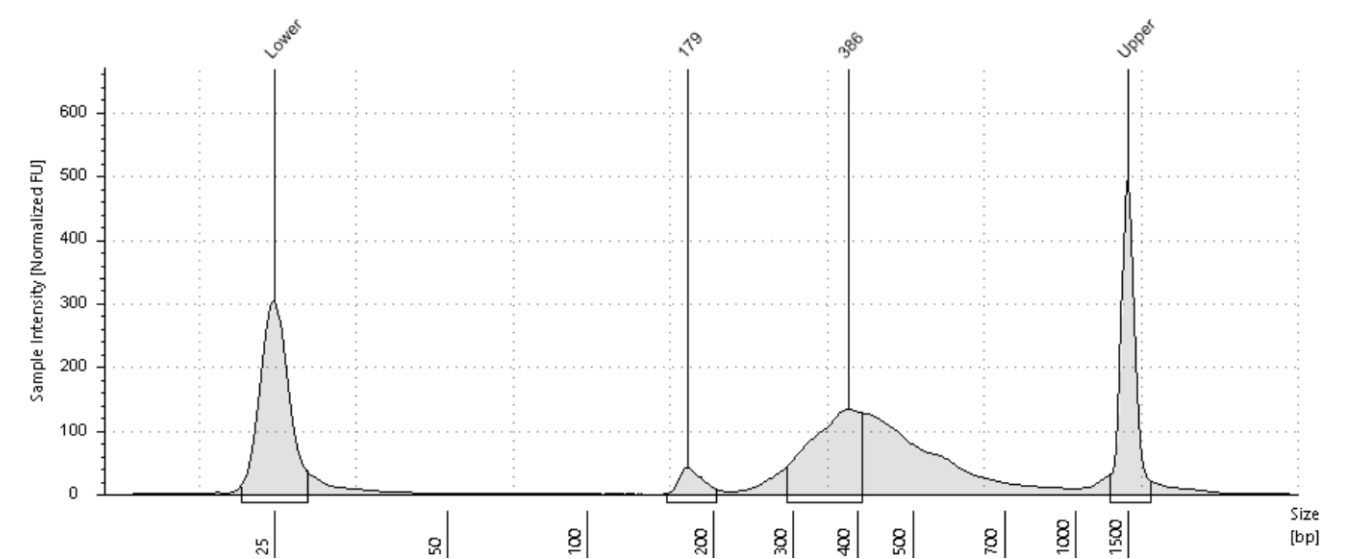| Well	Conc. [pg/µl]	Sample Description	Alert	Observations
D1	303	10ng_Mcap-E7_3ulPolyAR1_1		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	320	-	19700	-	20	30		Lower Marker
185	49.3	-	409	16.27	162	210		
389	254	-	1000	83.73	292	410		
1500	250	250	256	-	1333	1700		Upper Marker
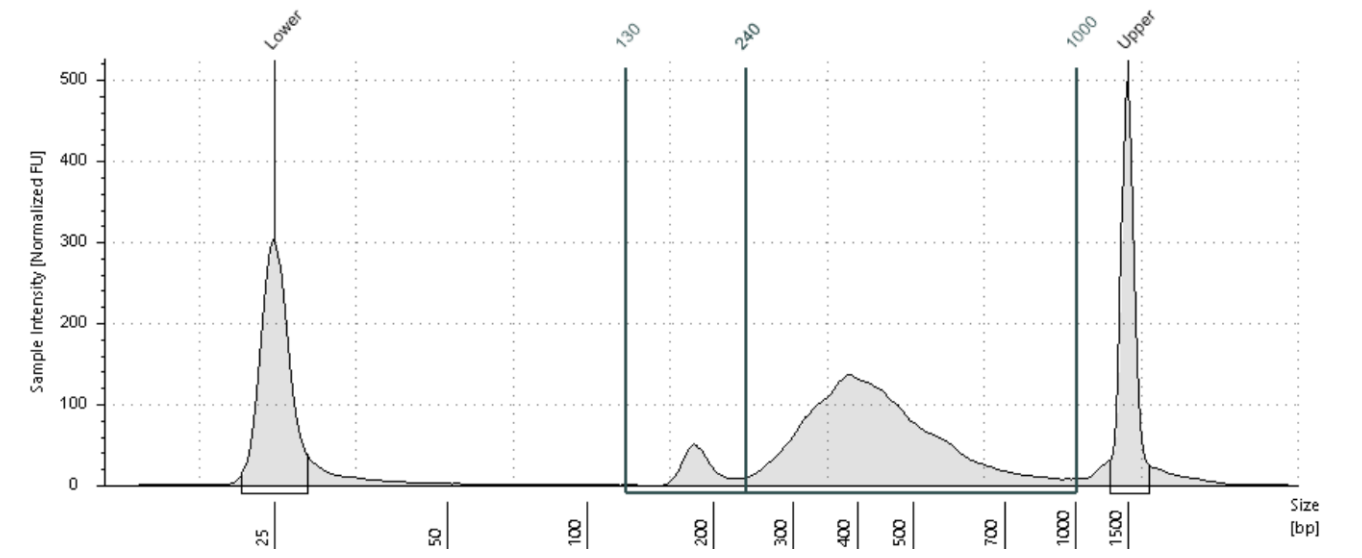
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	240	191	55.8	457	7.37		▮
240	1000	445	613	2280	81.01		▮

E1: 10ng_Mcap-E7_3ulPolyAR1_2

Sample Table

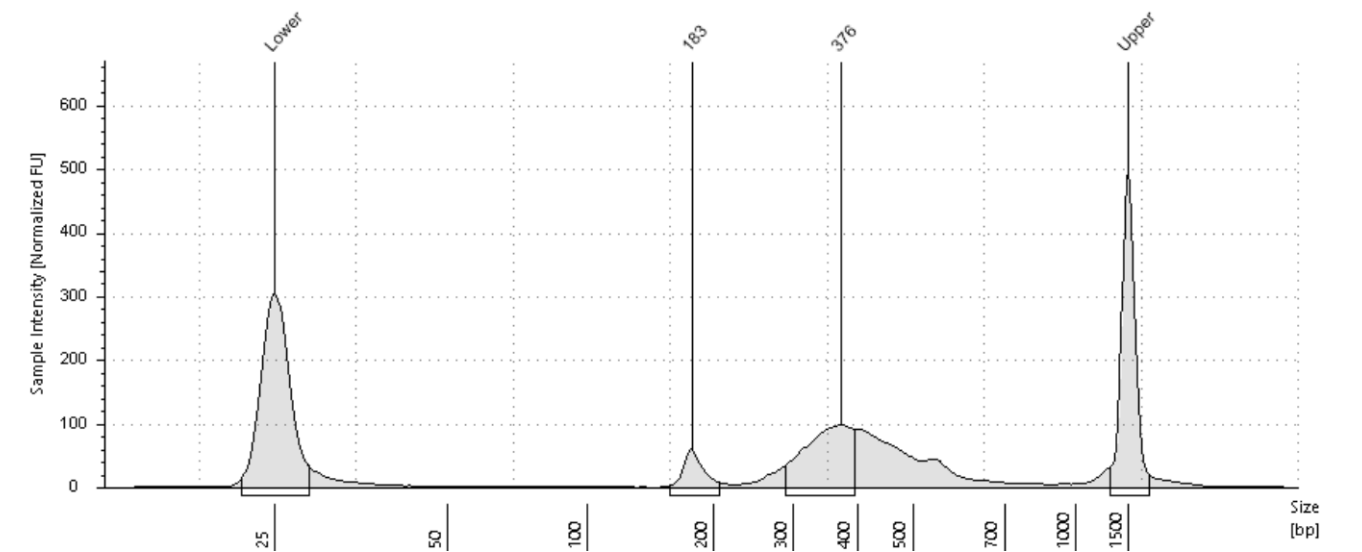| Well	Conc. [pg/µl]	Sample Description	Alert	Observations
E1	278	10ng_Mcap-E7_3ulPolyAR1_2		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	325	-	20000	-	20	30		Lower Marker
179	36.2	-	311	13.01	163	204		
386	242	-	965	86.99	292	409		
1500	250	250	256	-	1332	1712		Upper Marker
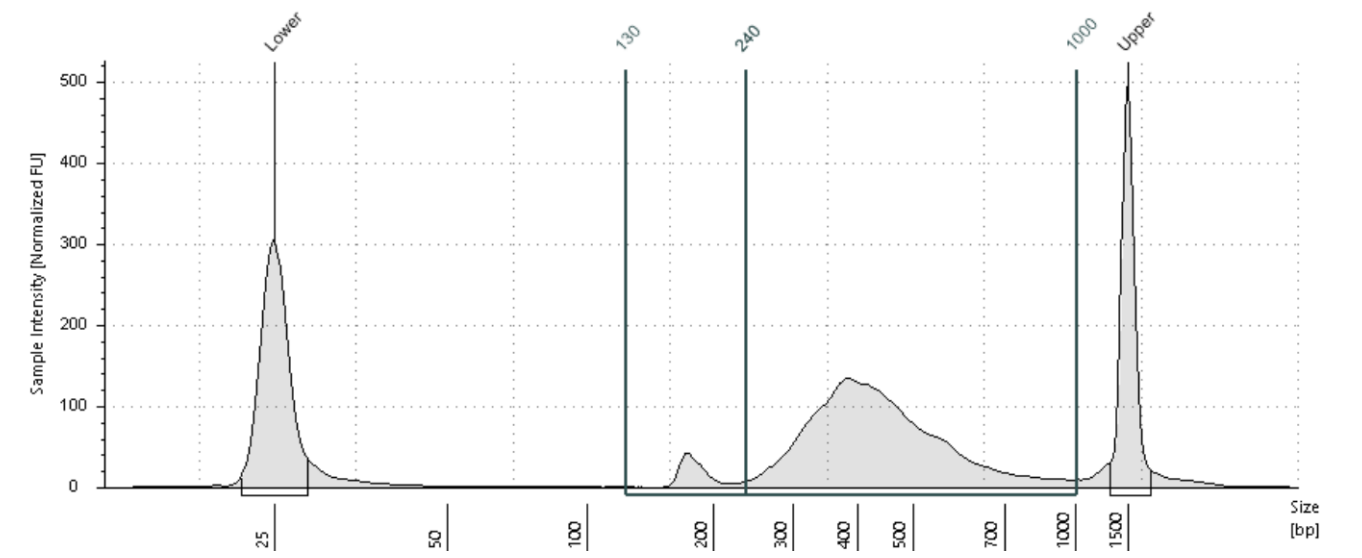
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	240	188	40.7	340	5.64		
240	1000	451	605	2220	83.72		

F1: 10ng_Pacu-D8_5ulPolyAR1_1

Sample Table

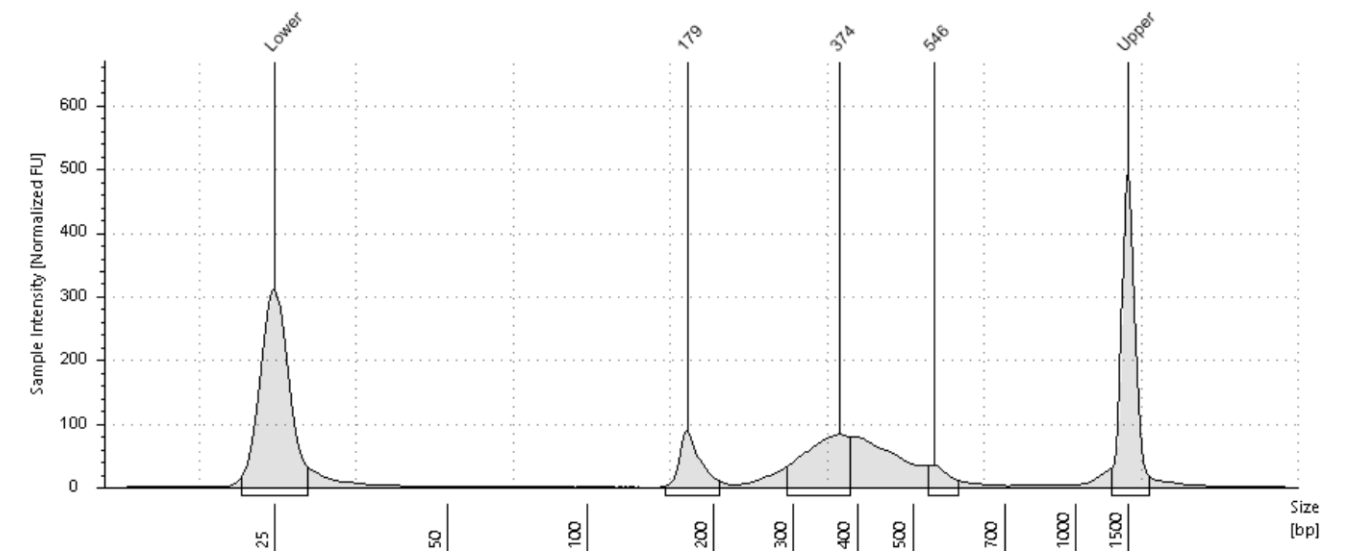| Well	Conc. [pg/µl]	Sample Description	Alert	Observations
F1	213	10ng_Pacu-D8_5ulPolyAR1_1		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	332	-	20400	-	20	30		Lower Marker
183	43.2	-	362	20.22	166	207		
376	170	-	698	79.78	290	396		
1500	250	250	256	-	1333	1711		Upper Marker
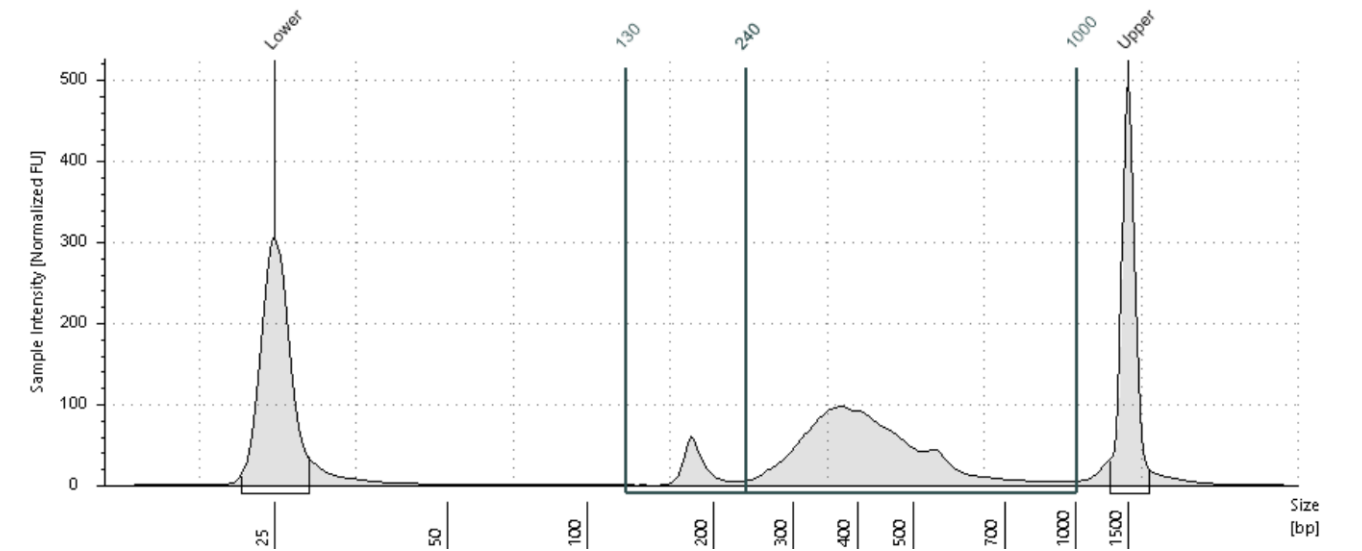
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	240	189	47.9	396	9.12		▮
240	1000	430	411	1570	78.24		▮

G1: 10ng_Pacu-D8_5ulPolyAR1_2

Sample Table

Well	Conc. [pg/µl]	Sample Description	Alert	Observations
Gl	233	10ng_Pacu-D8_5ulPolyAR1_2		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	340	-	20900	-	20	30		Lower Marker
179	69.1	-	592	29.64	162	207		
374	138	-	568	59.15	291	390		
546	26.1	-	73.6	11.21	534	600		
1500	250	250	256	-	1343	1713		Upper Marker
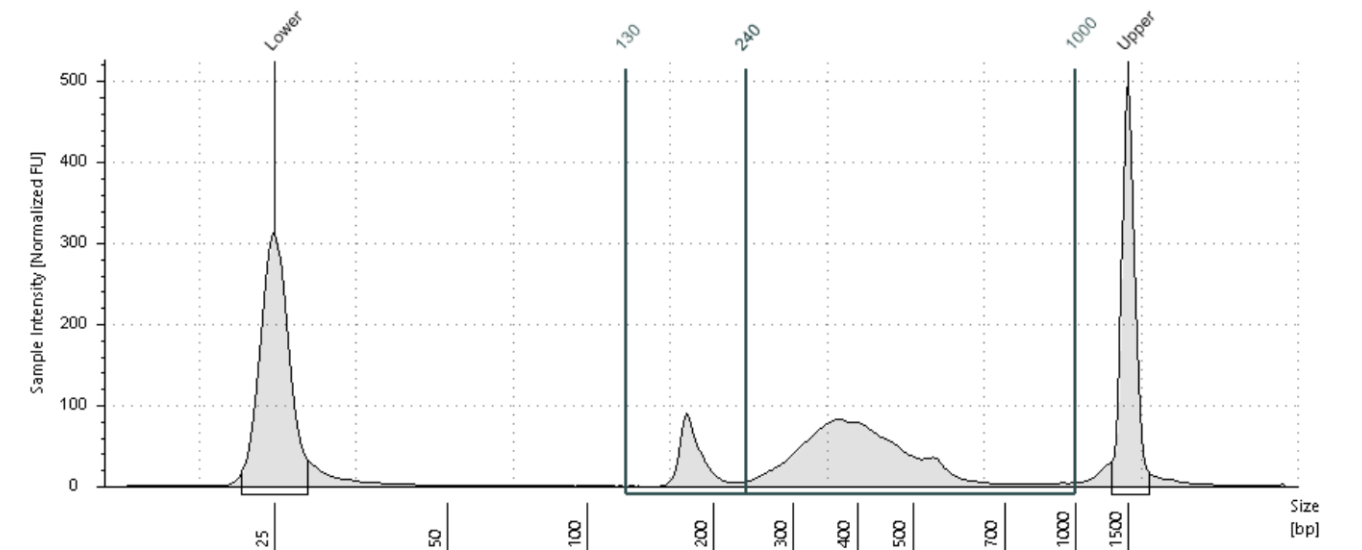
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	240	186	73.8	619	15.48		
240	1000	418	339	1330	71.17		

H1: 10ng_Pacu-D8_3ulPolyAR1_1
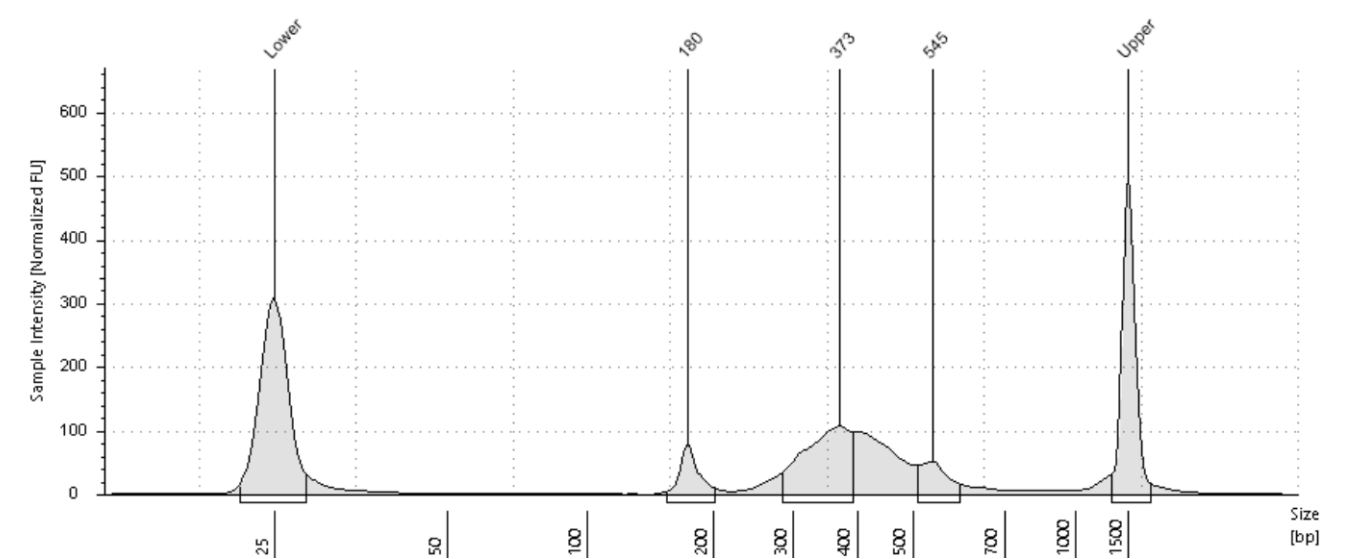
Sample Table

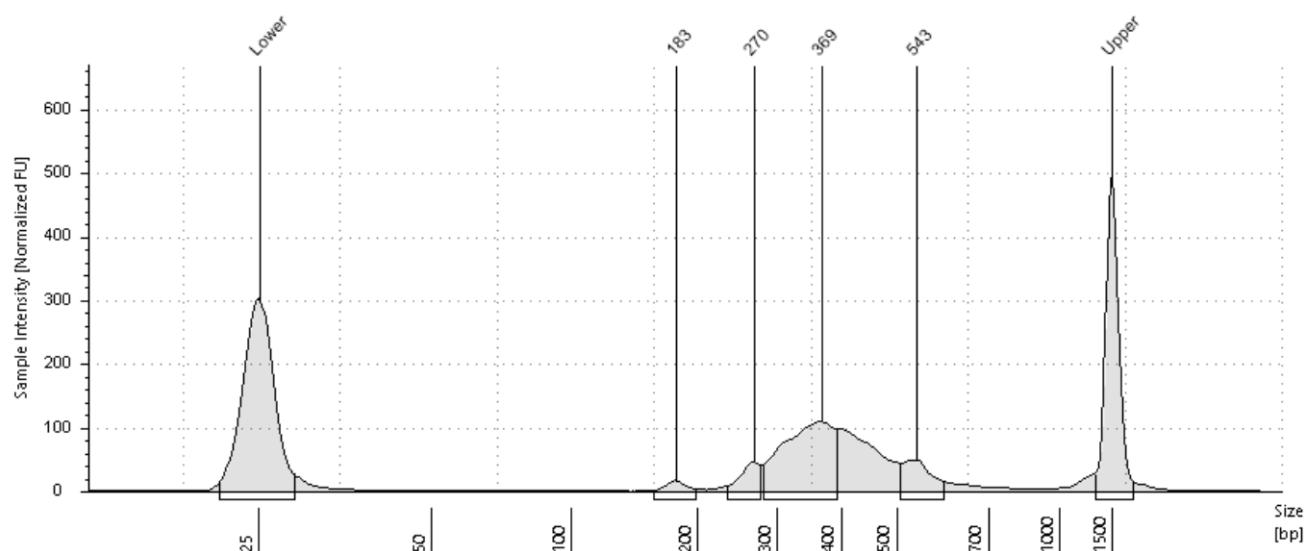| Well	Conc. [pg/µl]	Sample Description	Alert	Observations
H1	297	10ng_Pacu-D8_3ulPolyAR1_1		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	337	-	20800	-	20	30		Lower Marker
180	54.1	-	463	18.25	163	202		
373	188	-	775	63.33	286	393		
545	54.6	-	154	18.43	511	604		
1500	250	250	256	-	1342	1715		Upper Marker
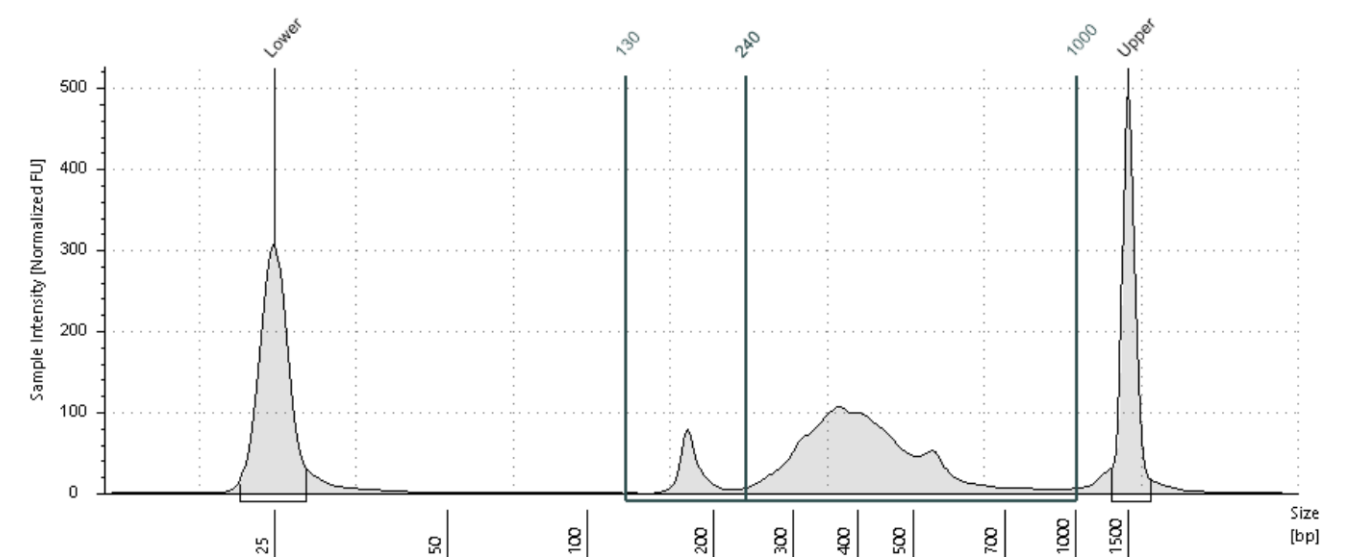
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	240	186	60.0	504	10.53		
240	1000	426	447	1720	78.35		

A2: 10ng_Pacu-D8_3ulPolyAR1_2

Sample Table

Well	Conc. [pg/µl]	Sample Description	Alert	Observations
A2	318	10ng_Pacu-D8_3ulPolyAR1_2		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	369	-	22700	-	19	30		Lower Marker
183	12.5	-	105	3.93	165	198		
270	33.9	-	193	10.66	237	279		
369	217	-	903	68.21	282	394		
543	54.6	-	155	17.20	508	604		
1500	250	250	256	-	1337	1710		Upper Marker
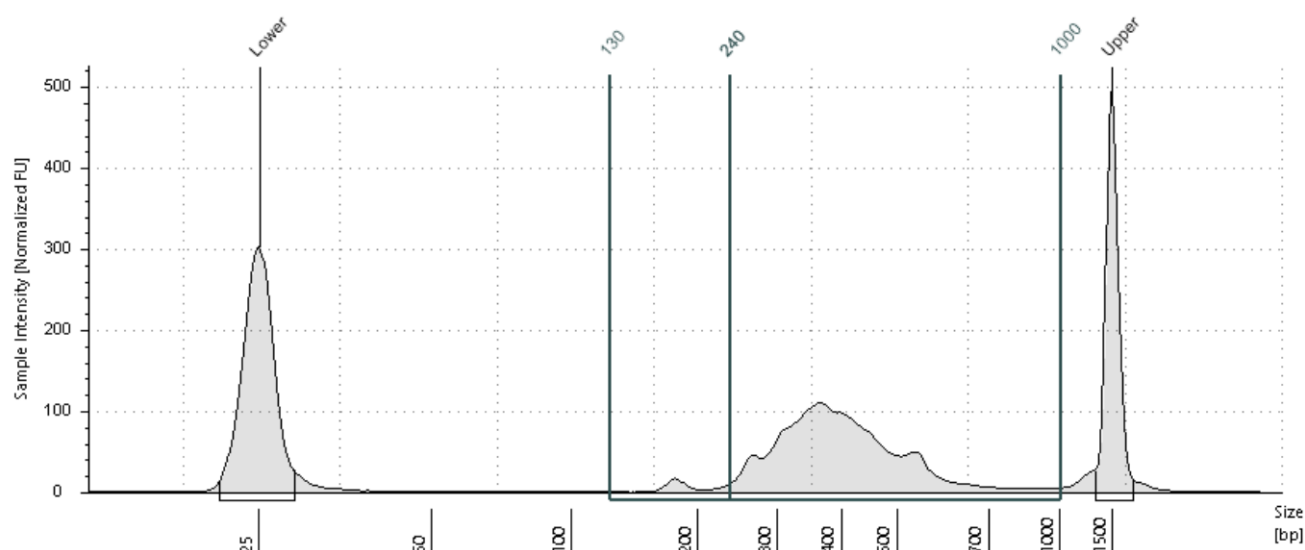
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	240	195	18.1	148	3.30		▪

| 240 | 1000 | 413 | 480 | 1920 | 87.65 | | ◼ |

B2: 10ng_Hela_5ulPolyAR1_1
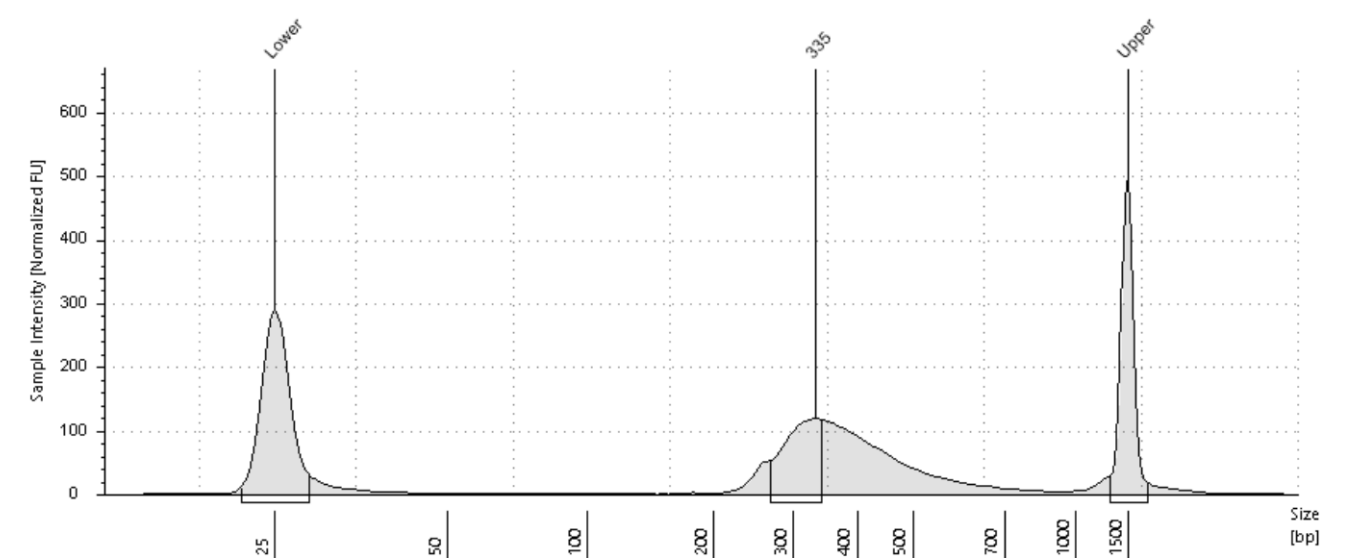
Sample Table

Well	Conc. [pg/µl]	Sample Description	Alert	Observations
B2	170	10ng_Hela_5ulPolyAR1_1		

Peak Table

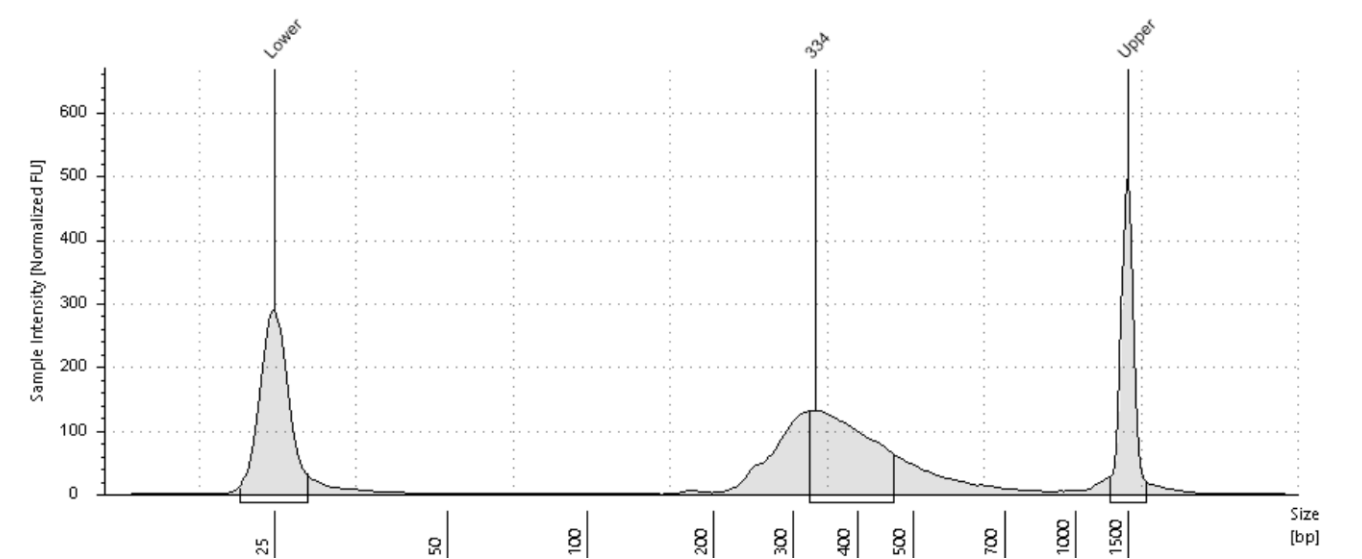| Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	330	-	20300	-	20	30		Lower Marker
335	170	-	781	100.00	272	344		
1500	250	250	256	-	1334	1688		Upper Marker
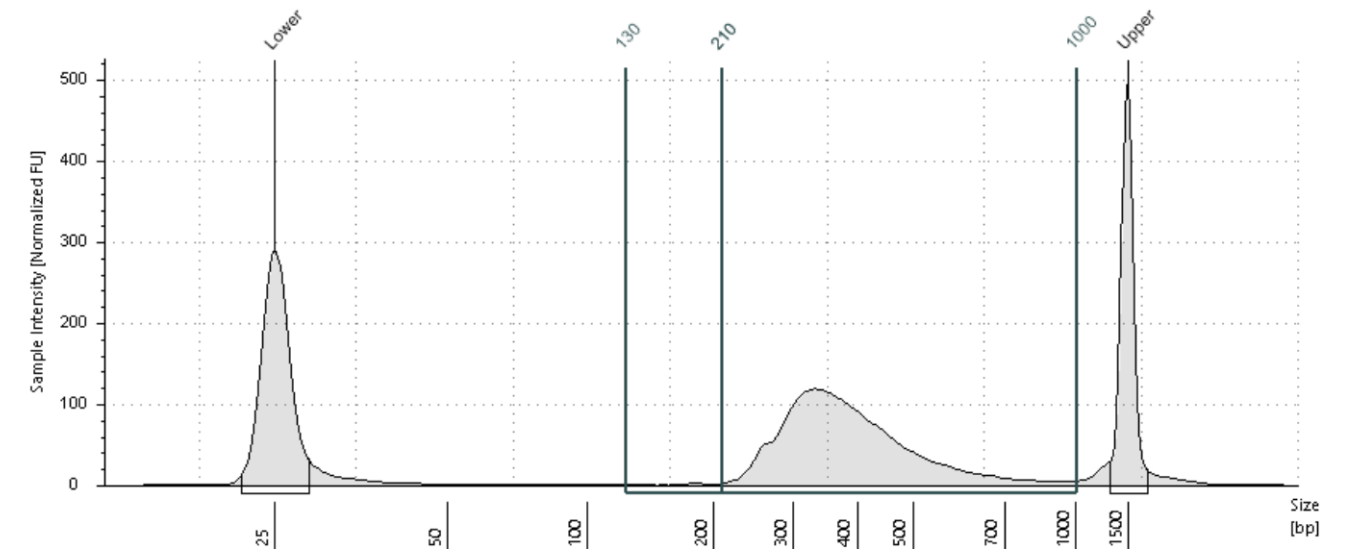
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	210	185	2.40	23.9	0.39		■
210	1000	398	540	2250	88.10		■

C2: 10ng_Hela_5ulPolyAR1_2

Sample Table

Well	Conc. [pg/µl]	Sample Description	Alert	Observations
C2	309	10ng_Hela_5ulPolyAR1_2		

Peak Table

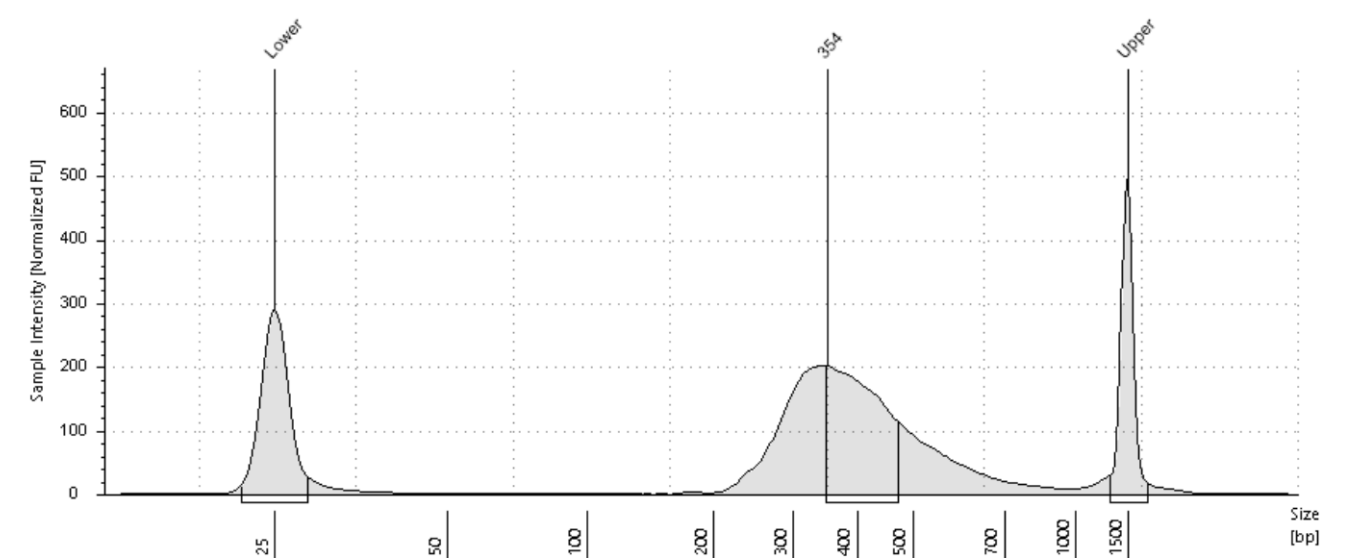| Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	335	-	20600	-	20	30		Lower Marker
334	309	-	1420	100.00	325	465		
1500	250	250	256	-	1333	1678		Upper Marker
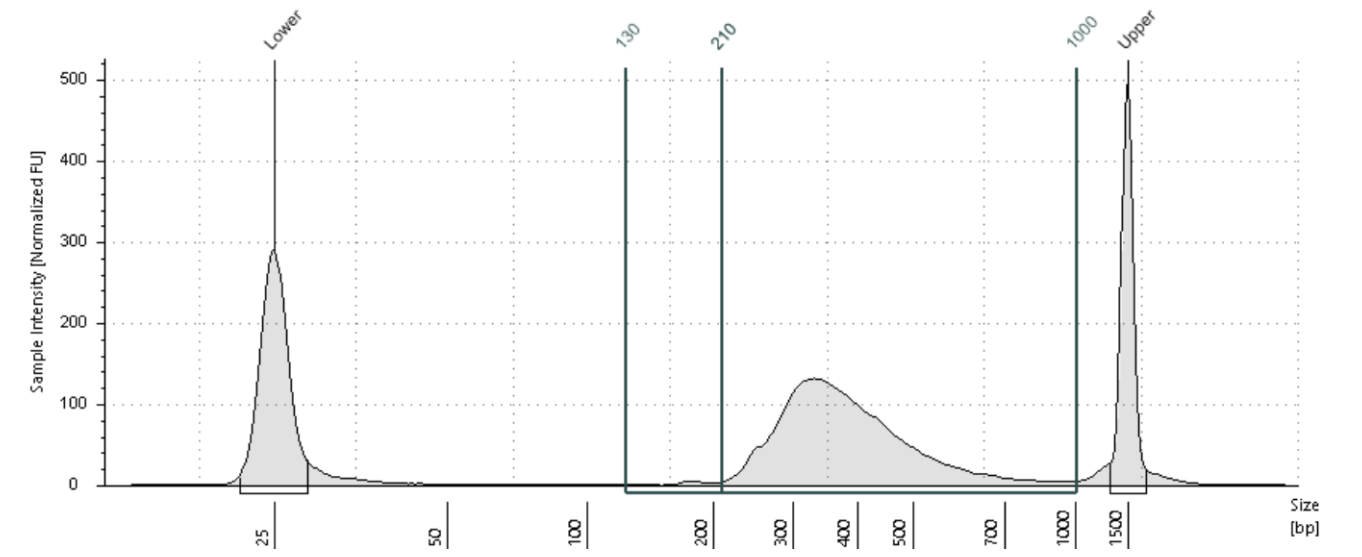
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	210	187	5.42	51.3	0.79		▉
210	1000	394	618	2610	89.58		▉

D2: 10ng_Hela_3ulPolyAR1_1

Sample Table

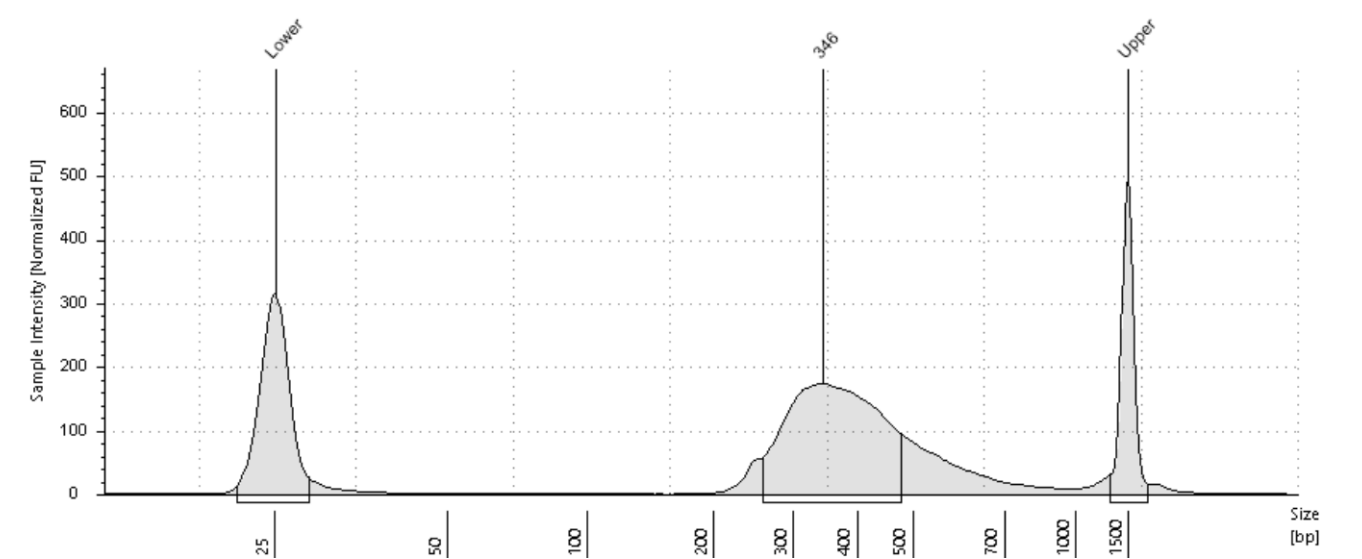| Well	Conc. [pg/µl]	Sample Description	Alert	Observations
D2	440	10ng_Hela_3ulPolyAR1_1		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	332	-	20400	-	20	30		Lower Marker
354	440	-	1910	100.00	350	474		
1500	250	250	256	-	1331	1692		Upper Marker
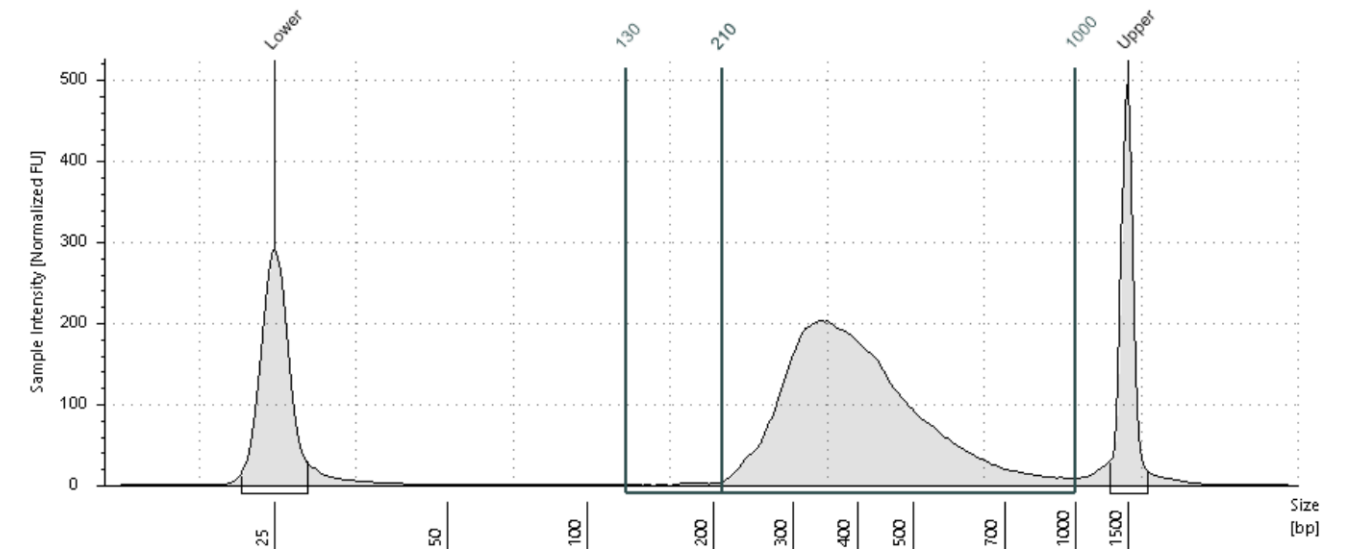
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	210	188	3.88	36.4	0.35		■
210	1000	414	1050	4220	93.82		■

E2: 10ng_Hela_3ulPolyAR1_2

Sample Table

Well	Conc. [pg/µl]	Sample Description	Alert	Observations
E2	680	10ng_Hela_3ulPolyAR1_2		

Peak Table

Size [bp]	Calibrated Conc. [pg/µl]	Assigned Conc. [pg/µl]	Peak Molarity [pmol/l]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
25	378	-	23200	-	20	30		Lower Marker
346	680	-	3020	100.00	262	479		
1500	250	250	256	-	1324	1687		Upper Marker
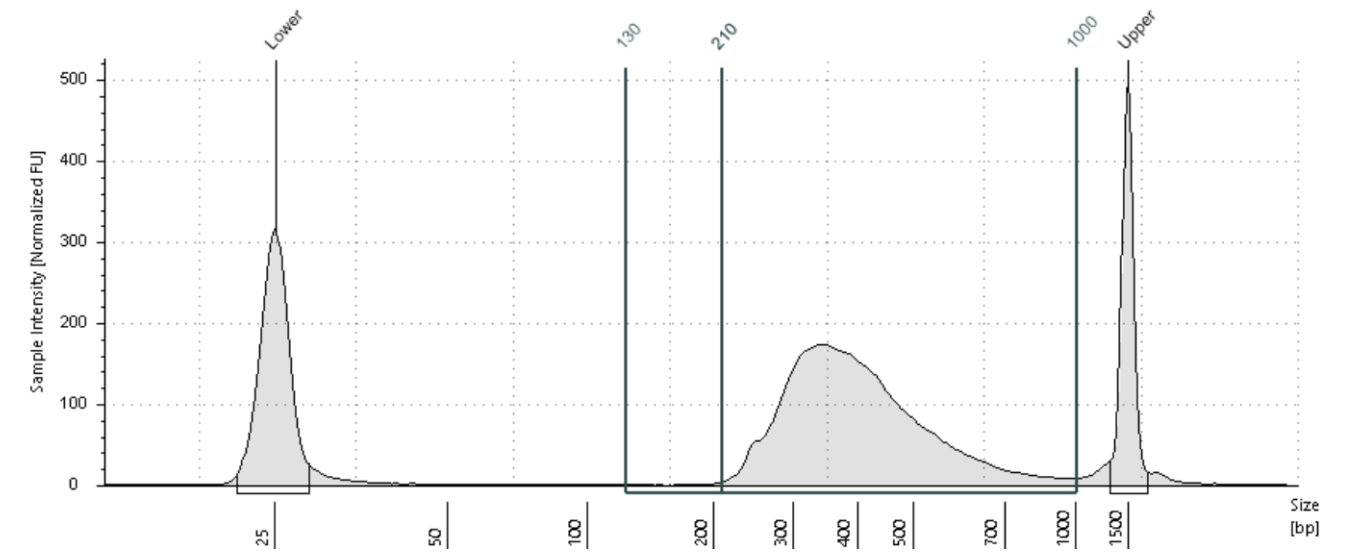
Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/µl]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
130	210	191	1.79	18.7	0.18		◼
210	1000	413	932	3760	93.62		◼