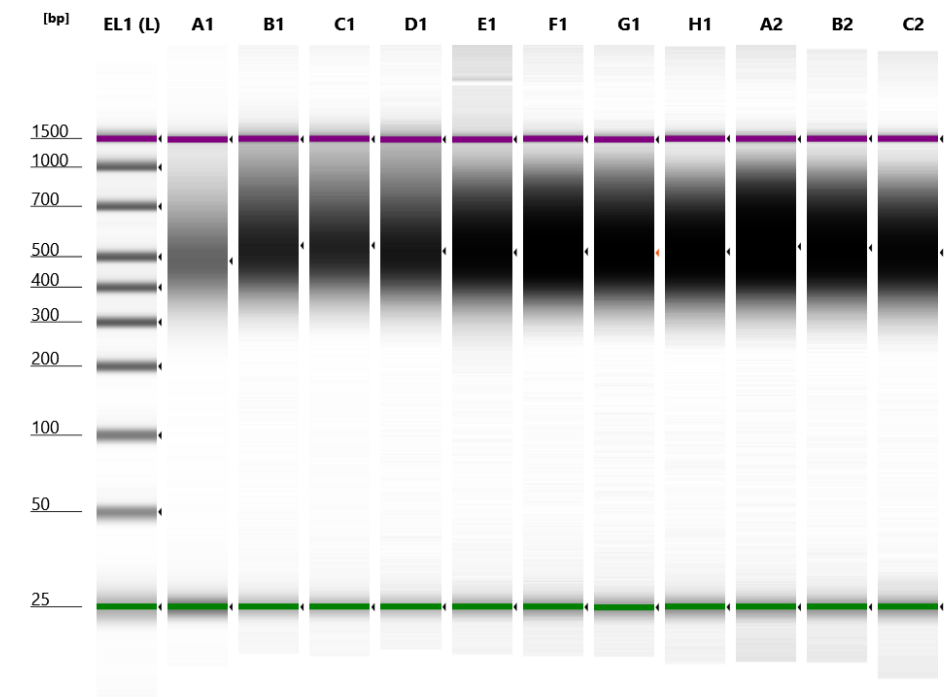


Filename: Green_Ash_NexteraFlex - HSD1000 - 2019-11-20 - 01.HSD1000

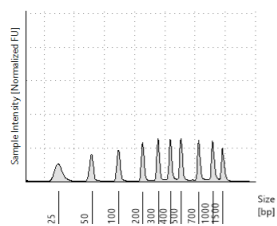


Default image (Contrast 100%)

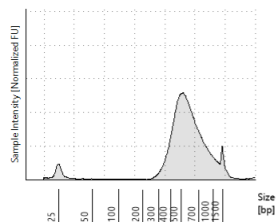
Sample Info

Well	Conc. [pg/ul]	Sample Description	Alert	Observations
EL1	2350	Electronic Ladder		Ladder
A1	2470	3069		
B1	3370	3108		
C1	3250	3145		
D1	3250	3148		
E1	6430	3156		
F1	9180	3157		
G1	4190	3158		
H1	8610	3159		
A2	924	3160		
B2	8410	3161		
C2	4580	3162		

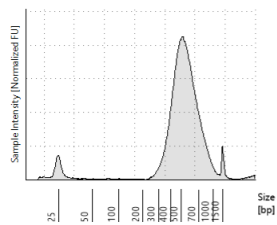
EL1: Electronic Ladder



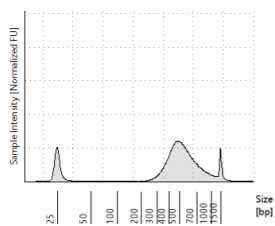
D1: 3148



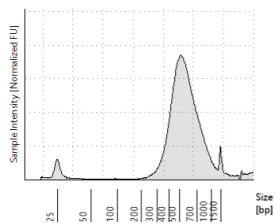
H1: 3159



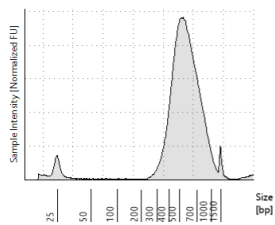
A1: 3069



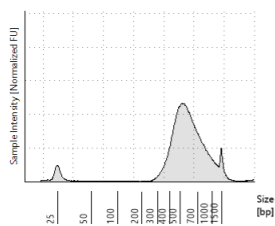
E1: 3156



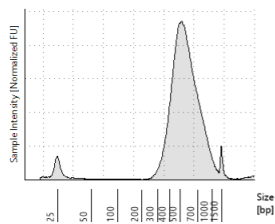
A2: 3160



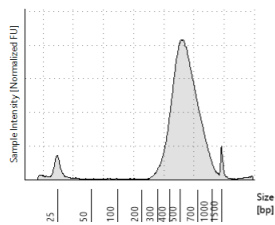
B1: 3108



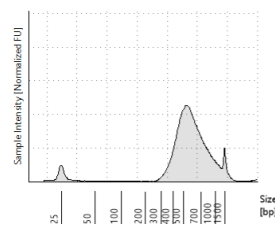
F1: 3157



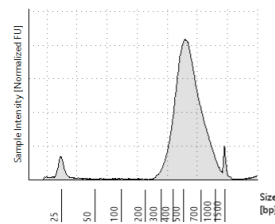
B2: 3161



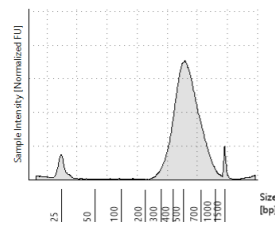
C1: 3145



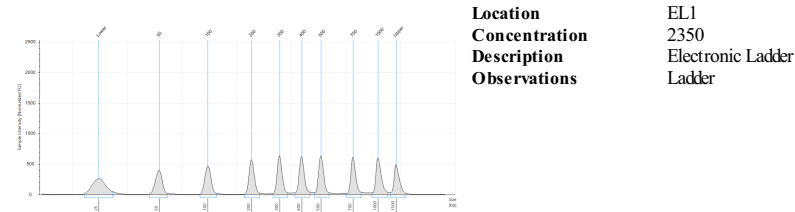
G1: 3158



C2: 3162



Peak: EL1: Electronic Ladder

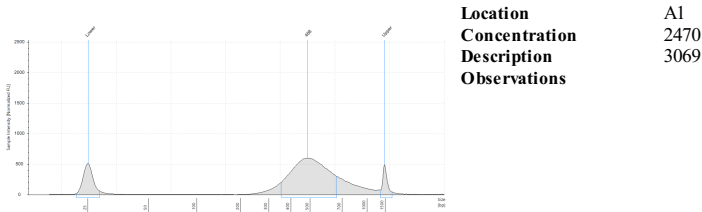


Location
Concentration
Description
Observations

EL1
2350
Electronic Ladder
Ladder

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	340	-	20900	-		Lower Marker
50	265	-	8160	11.28		
100	278	-	4270	11.82		
200	290	-	2230	12.32		
300	304	-	1560	12.95		
400	306	-	1180	13.00		
500	312	-	961	13.29		
700	286	-	629	12.19		
1000	309	-	476	13.15		
1500	250	250	256	-		Upper Marker

Peak: A1: 3069

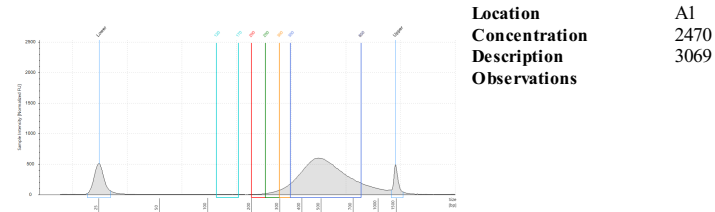


Location
Concentration
Description
Observations

A1
2470
3069

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	576	-	35500	-		Lower Marker
488	2470	-	7800	100.00		
1500	250	250	256	-		Upper Marker

Region: A1: 3069

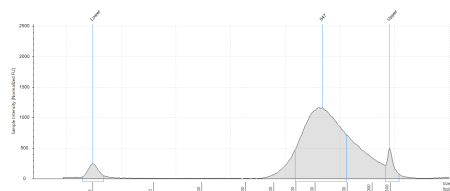


Location
Concentration
Description
Observations

A1
2470
3069

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	144	0.649	28.3	0.02	adapter	
200	800	515	3020	9560	87.61		
250	800	516	3010	9490	87.37		
300	800	520	2960	9180	85.81		
350	800	529	2830	8570	82.04		

Peak: B1: 3108

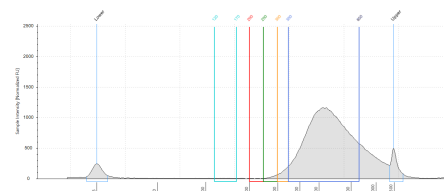


Location
Concentration
Description
Observations

B1
3370
3108

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	205	-	12600	-		Lower Marker
547	3370	-	9490	100.00		
1500	250	250	256	-		Upper Marker

Region: B1: 3108

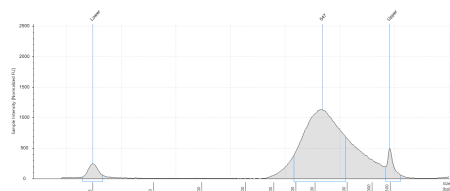


Location
Concentration
Description
Observations

B1
3370
3108

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	145	2.66	79.5	0.05	adapter	
200	800	548	4110	12100	81.96		
250	800	548	4110	12100	81.96		
300	800	550	4080	12000	81.49		
350	800	556	3990	11500	79.66		

Peak: C1: 3145

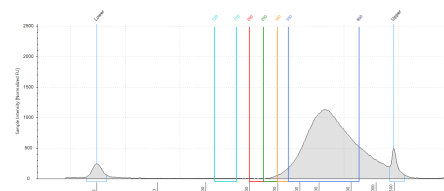


Location
Concentration
Description
Observations

C1
3250
3145

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	206	-	12700	-		Lower Marker
547	3250	-	9140	100.00		
1500	250	250	256	-		Upper Marker

Region: C1: 3145

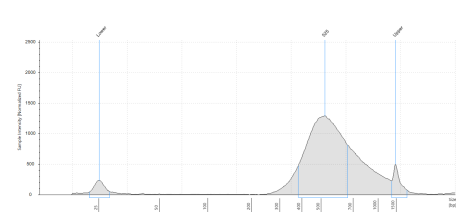


Location
Concentration
Description
Observations

C1
3250
3145

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	143	1.32	42.8	0.03	adapter	
200	800	550	3940	11500	82.44		
250	800	550	3940	11500	82.44		
300	800	552	3920	11400	82.08		
350	800	557	3840	11000	80.31		

Peak: D1: 3148

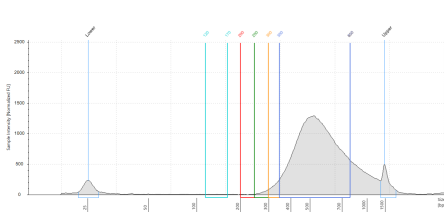


Location
Concentration
Description
Observations

D1
3250
3148

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	183	-	11300	-		Lower Marker
525	3250	-	9530	100.00		
1500	250	250	256	-		Upper Marker

Region: D1: 3148

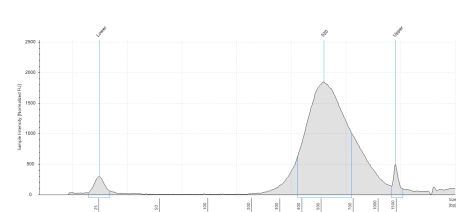


Location
Concentration
Description
Observations

D1
3250
3148

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	145	1.48	50.9	0.03	adapter	
200	800	541	4160	12500	83.07		
250	800	541	4160	12400	83.06		
300	800	543	4130	12300	82.46		
350	800	549	4020	11700	80.30		

Peak: E1: 3156

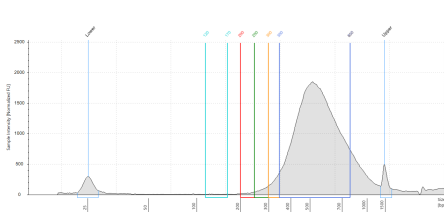


Location
Concentration
Description
Observations

E1
6430
3156

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	296	-	18200	-		Lower Marker
520	6430	-	19000	100.00		
1500	250	250	256	-		Upper Marker

Region: E1: 3156

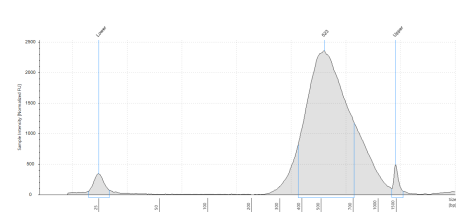


Location
Concentration
Description
Observations

E1
6430
3156

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	146	3.75	132	0.04	adapter	
200	800	538	7750	23500	85.26		
250	800	539	7720	23200	85.00		
300	800	542	7630	22700	83.99		
350	800	549	7410	21700	81.60		

Peak: F1: 3157

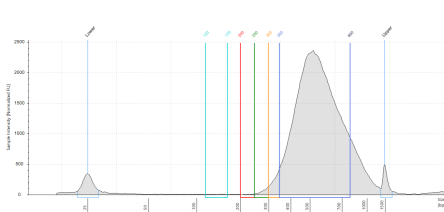


Location
Concentration
Description
Observations

F1
9180
3157

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	383	-	23600	-		Lower Marker
523	9180	-	27000	100.00		
1500	250	250	256	-		Upper Marker

Region: F1: 3157

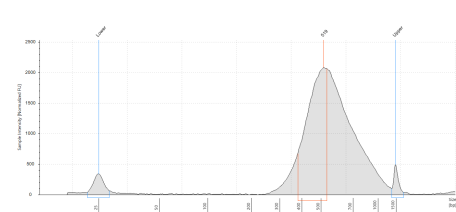


Location
Concentration
Description
Observations

F1
9180
3157

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	144	2.91	112	0.02	adapter	
200	800	540	10600	31600	87.92		
250	800	540	10600	31600	87.91		
300	800	542	10500	31200	87.35		
350	800	548	10300	30000	85.27		

Peak: G1: 3158

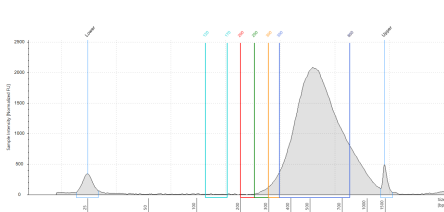


Location
Concentration
Description
Observations

G1
4190
3158

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	394	-	24300	-		Lower Marker
519	4190	-	12400	100.00		
1500	250	250	256	-		Upper Marker

Region: G1: 3158

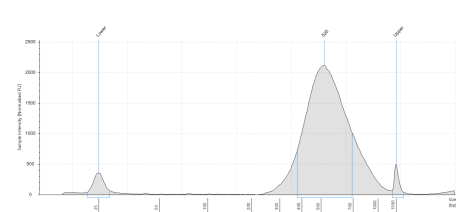


Location
Concentration
Description
Observations

G1
4190
3158

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	142	6.28	129	0.06	adapter	
200	800	541	9350	27900	87.24		
250	800	541	9350	27800	87.23		
300	800	543	9280	27400	86.60		
350	800	549	9060	26400	84.52		

Peak: H1: 3159

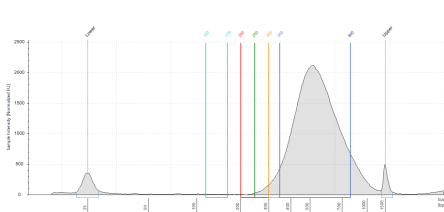


Location
Concentration
Description
Observations

H1
8610
3159

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	428	-	26300	-		Lower Marker
520	8610	-	25500	100.00		
1500	250	250	256	-		Upper Marker

Region: H1: 3159

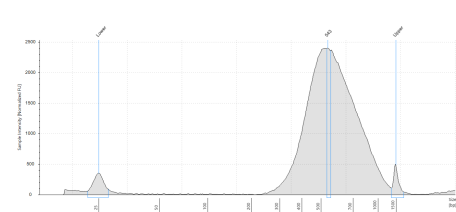


Location
Concentration
Description
Observations

H1
8610
3159

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	144	0.387	98.5	0.00	adapter	
200	800	532	10100	30900	91.32		
250	800	532	10100	30900	91.30		
300	800	535	10000	30300	90.48		
350	800	541	9720	28900	87.93		

Peak: A2: 3160

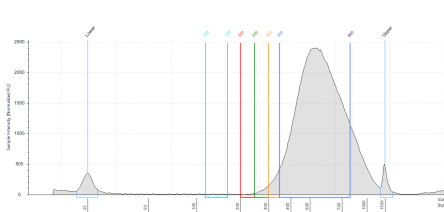


Location
Concentration
Description
Observations

A2
924
3160

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	388	-	23900	-		Lower Marker
543	924	-	2620	100.00		
1500	250	250	256	-		Upper Marker

Region: A2: 3160

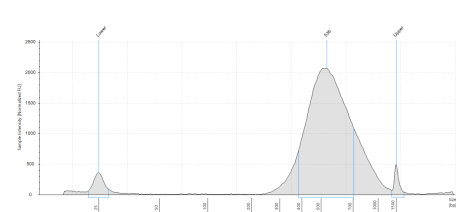


Location
Concentration
Description
Observations

A2
924
3160

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	148	3.82	116	0.03	adapter	
200	800	548	11000	32600	86.04		
250	800	549	11000	32500	86.01		
300	800	551	11000	32000	85.37		
350	800	556	10700	30800	83.42		

Peak: B2: 3161

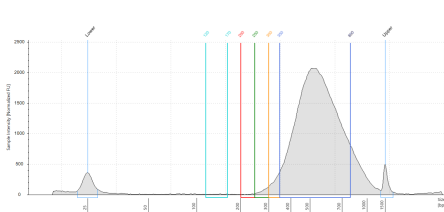


Location
Concentration
Description
Observations

B2
8410
3161

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	422	-	26000	-		Lower Marker
536	8410	-	24200	100.00		
1500	250	250	256	-		Upper Marker

Region: B2: 3161

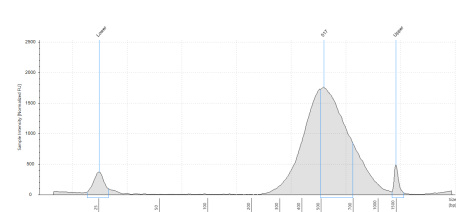


Location
Concentration
Description
Observations

B2
8410
3161

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	150	8.08	147	0.07	adapter	
200	800	541	9810	29200	88.23		
250	800	542	9810	29200	88.21		
300	800	544	9730	28800	87.49		
350	800	550	9490	27600	85.35		

Peak: C2: 3162

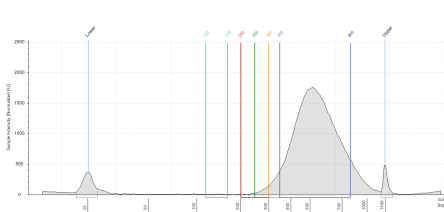


Location
Concentration
Description
Observations

C2
4580
3162

Size [bp]	Calibrated Conc. [pg/ul]	Assigned Conc. [pg/ul]	Peak Molarity [pmol/l]	% Integrated Area	Peak Comment	Observations
25	462	-	28400	-		Lower Marker
517	4580	-	13600	100.00		
1500	250	250	256	-		Upper Marker

Region: C2: 3162



Location
Concentration
Description
Observations

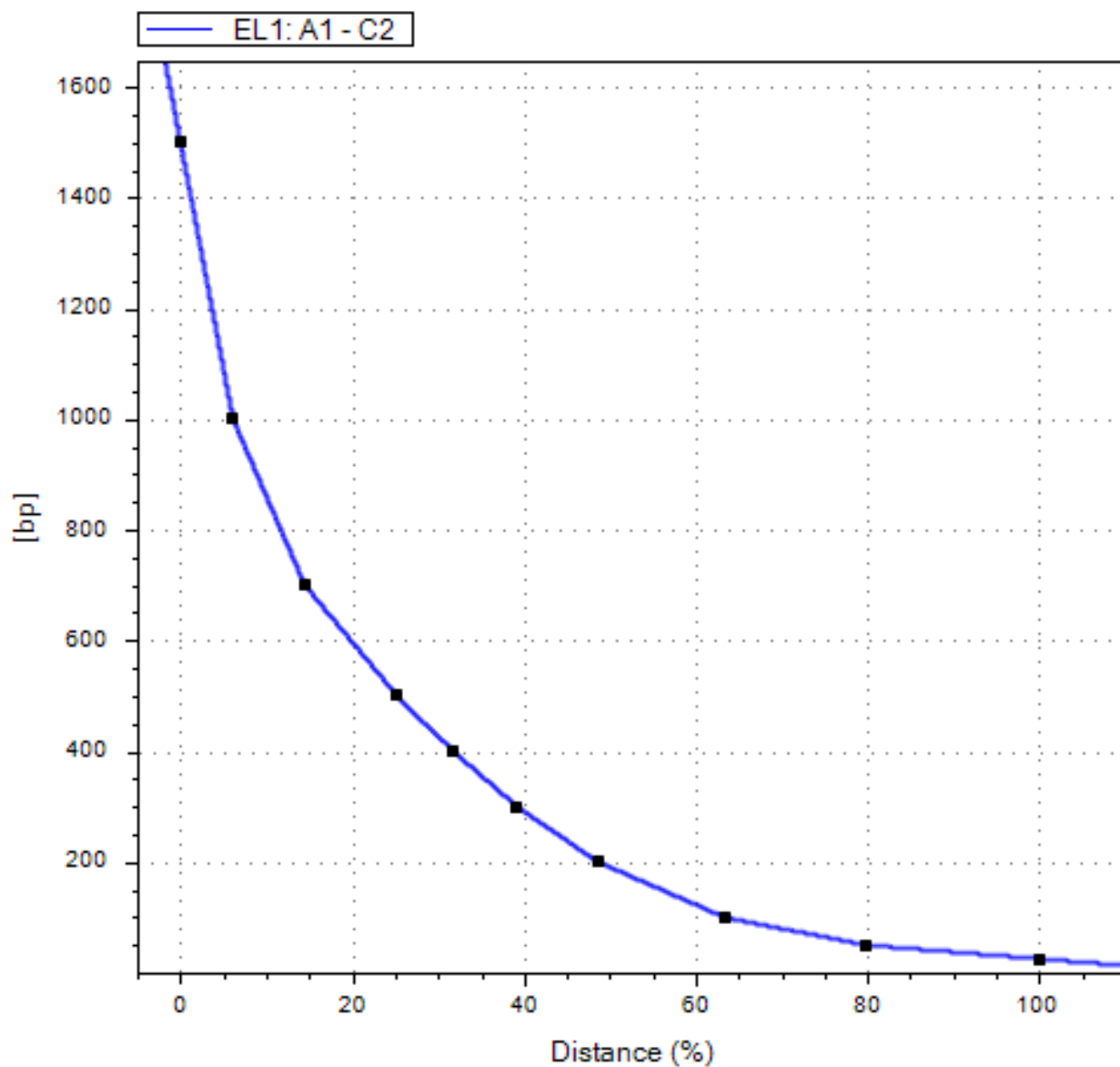
C2
4580
3162

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ul]	Region Molarity [pmol/l]	% of Total	Region Comment	Color
120	170	145	6.43	123	0.07	adapter	
200	800	531	8710	26500	89.47		
250	800	531	8700	26500	89.40		
300	800	535	8600	25900	88.38		
350	800	542	8330	24600	85.55		

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

Experiment Properties

Run Properties

Analysis Software Version	2.2.24.9522
Filename	C:\Users\admin\Documents\Agilent\TapeStation Data\2019-11-20\Green_Ash_NexteraFlex - HSD1000 - 2019-11-20 - 01.HSD1000
Assay	D1000 High Sensitivity
Run End Date	20-Nov-2019 2:31 PM
Last Saved Under Version	2.2.24.9522
Study	
Comments	

ScreenTape Device 1

Username	admin
ScreenTape Device ID	01-S030-190812-01-000819
Expiry Date	03-Dec-2019
ScreenTape Device History	First run 19-Nov-2019, 2 run(s) performed
Temperature [°C]	25.7
Electrophoresis Time [s]	157
Instrument Type	32768
Instrument Serial Number	DEDA01484
Notes	
ScreenTape Device Run Date	20-Nov-2019 2:17 PM

Controller Environment

Computer	DESKTOP-ITAC0JA
Instrument Controller Software Version	2.2.24.9522
First Run Analysis Version	2.2.24.9522
Operating System	Microsoft Windows 10 Pro