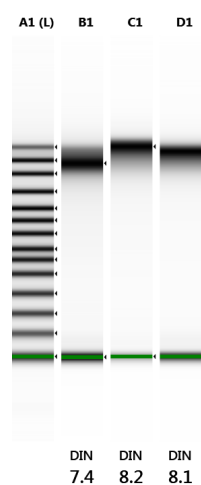
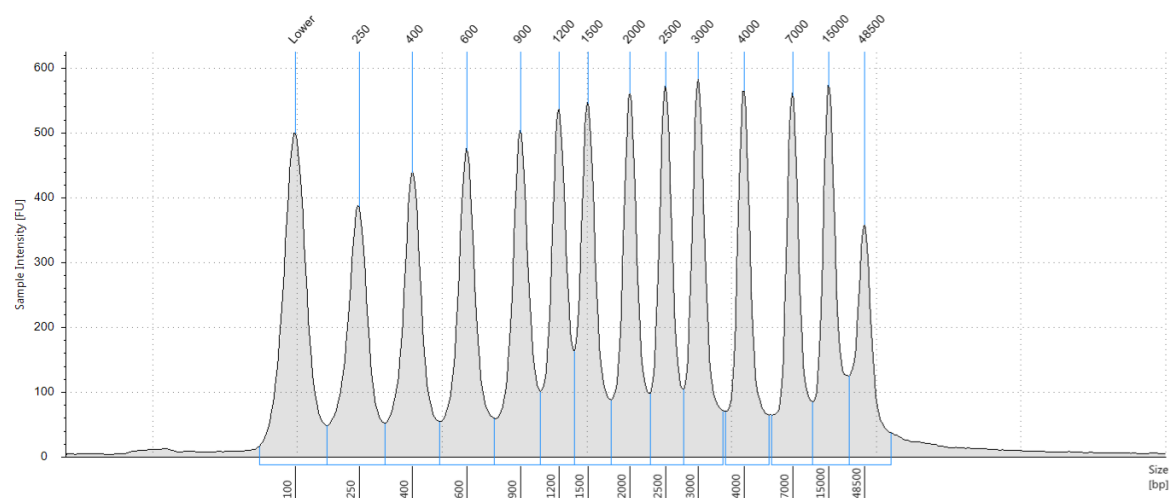


**Filename: 2020-02-11-GS11\_pool\_2nd\_shearing.gDNA****Gel Images**

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

**Sample Info**

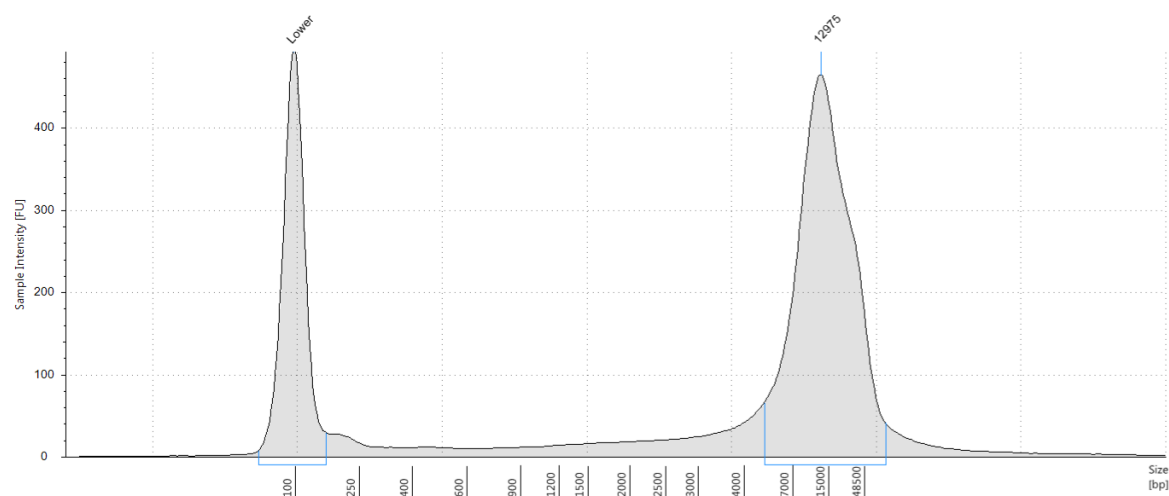
Well	DIN	Conc. [ng/ul]	Sample Description	Alert	Observations
A1	-	79.9	Ladder		Ladder
B1	7.4	25.6	GS11_pool_2nd_shearing_8k		
C1	8.2	65.0	20191017_GS6_1M_before_shearing		
D1	8.1	25.9	20191017_GS6_1M_after_shearing		

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

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	-	79.9	Ladder		Ladder

**Peak Table**

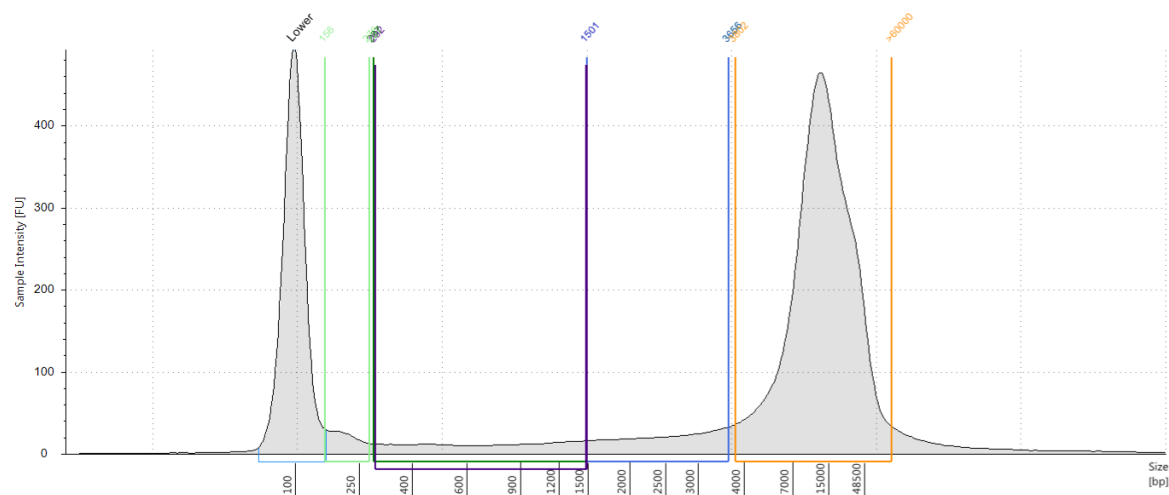
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	59	157		Lower Marker
250	6.07	-	7.70	157	315		
400	6.26	-	7.95	315	490		
600	6.51	-	8.26	490	738		
900	6.45	-	8.18	738	1044		
1200	6.24	-	7.92	1044	1348		
1500	6.46	-	8.19	1348	1762		
2000	6.33	-	8.03	1762	2262		
2500	6.10	-	7.73	2262	2758		
3000	6.28	-	7.97	2758	3505		
4000	6.00	-	7.61	3560	5330		
7000	5.80	-	7.35	5485	10659		
15000	6.07	-	7.70	10659	22849		
48500	4.25	-	5.40	22849	>60000		

**B1: GS11\_pool\_2nd\_shearing\_8k****Sample Table**

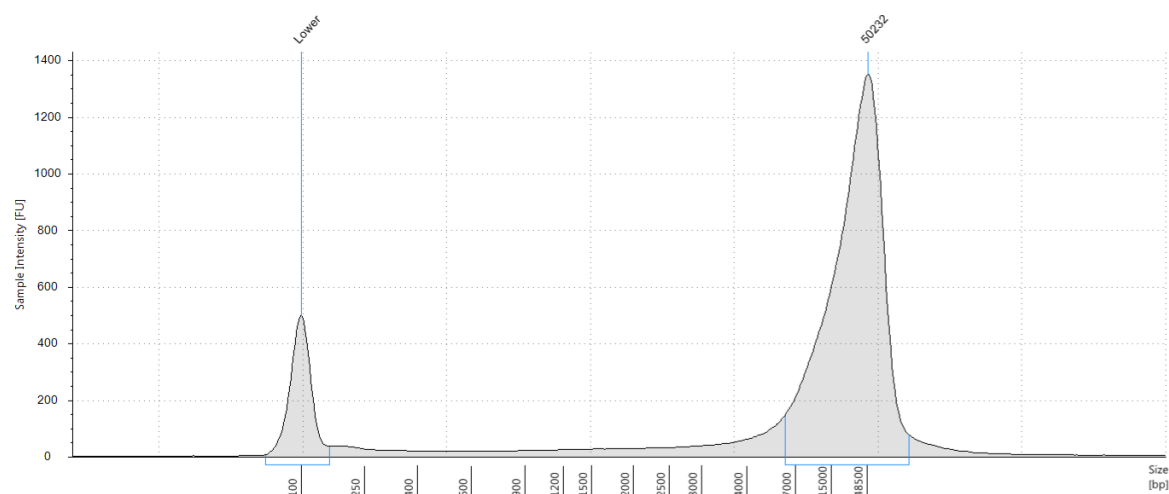
Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
B1	7.4	25.6	GS11_pool_2nd_shearing_8k		

**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	159		Lower Marker
12975	19.6	-	99.46	5110	>60000		
-	-	-	-	-	-		Sample Well

**Region Table**

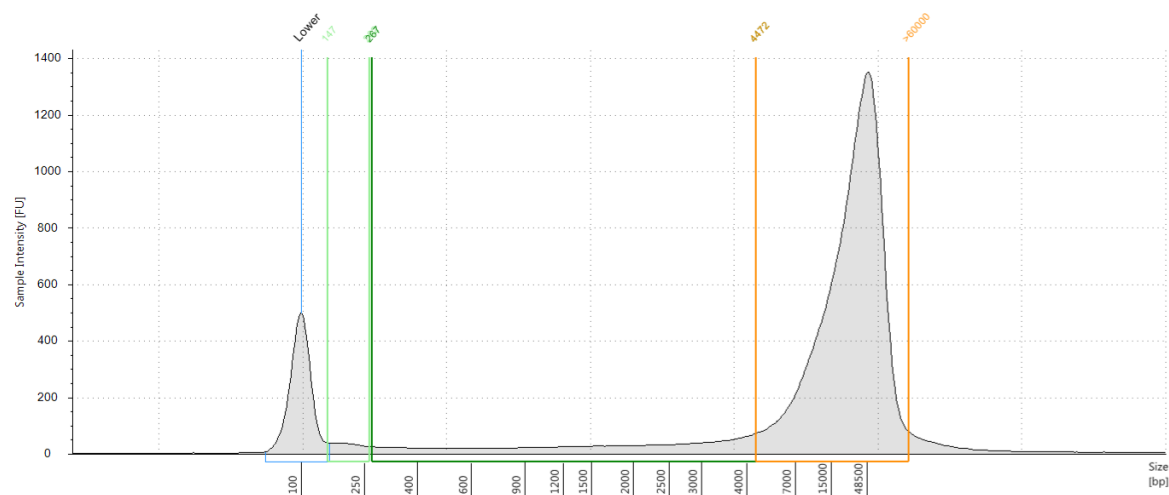
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
156	276	211	0.581	4.99	2.27		Green
287	3656	1767	3.24	5.44	12.65		Dark Green
292	1501	792	1.39	4.06	5.44		Purple
1501	3656	2581	1.84	1.29	7.20		Blue
3802	>60000	-	20.6	2.70	80.60		Orange

**C1: 20191017\_CS6\_1M\_before\_shearing****Sample Table**

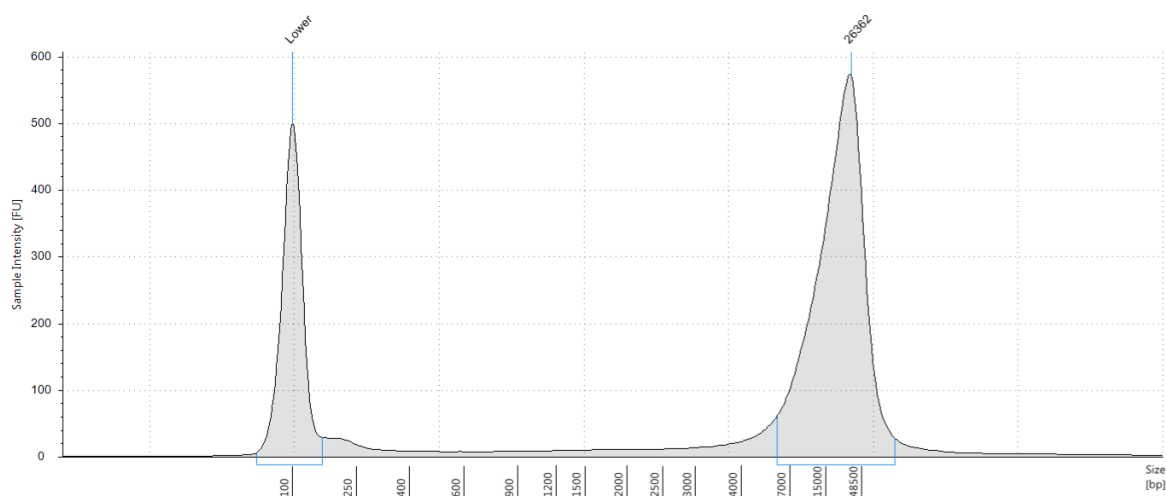
Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
C1	8.2	65.0	20191017_CS6_1M_before_shearing		

**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	-	59	151		Lower Marker
50232	53.7	-	98.69	6279	>60000		
-	-	-	-	-	-		Sample Well

**Region Table**

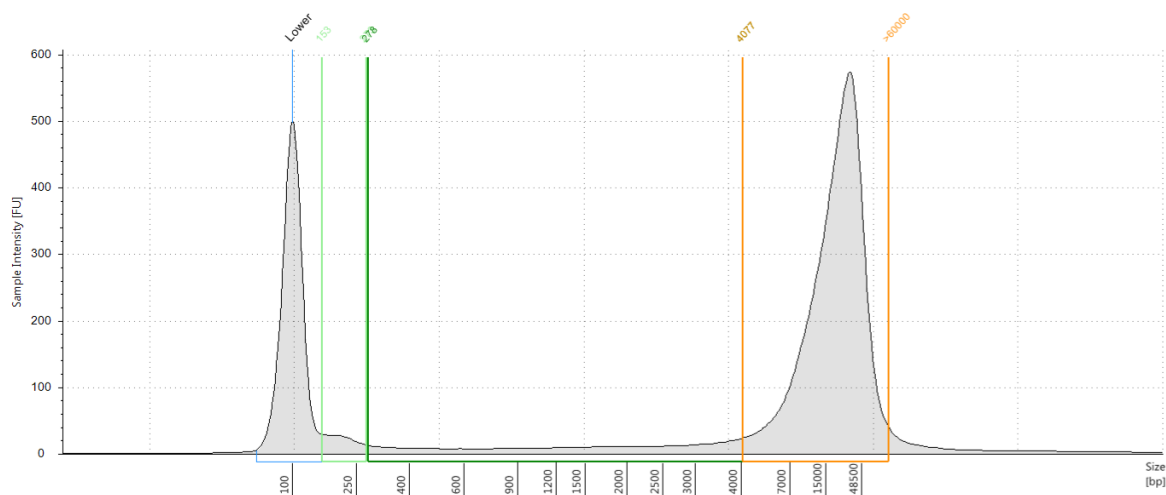
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
147	262	202	0.843	8.12	1.30		
267	4472	1984	6.67	11.4	10.26		
4472	>60000	-	55.6	4.29	85.56		

**D1: 20191017\_CS6\_1M\_after\_shearing****Sample Table**

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
D1	8.1	25.9	20191017_CS6_1M after shearing		

**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	154		Lower Marker
26362	21.4	-	99.73	6091	>60000		
-	-	-	-	-	-		Sample Well

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
153	273	207	0.670	5.84	2.59		
278	4077	1817	2.25	4.35	8.71		
4077	>60000	-	22.1	2.11	85.50		