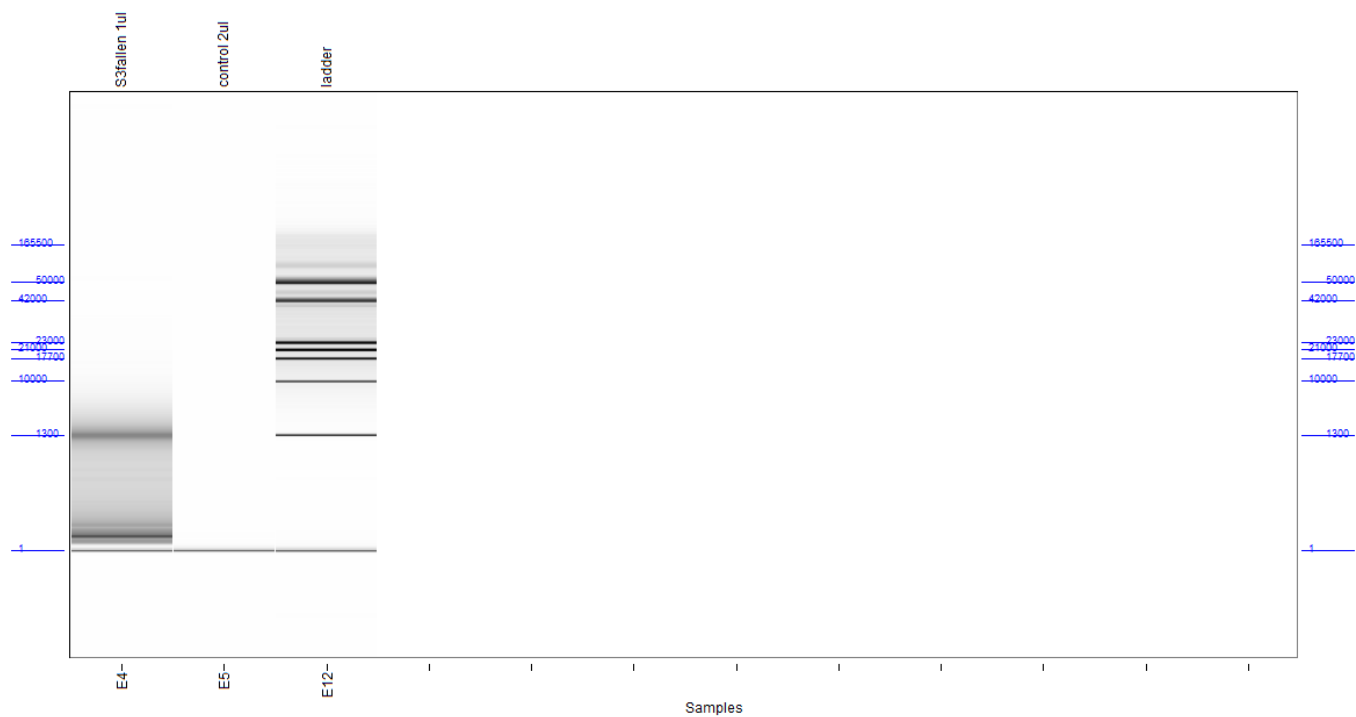


FEMTO Pulse Run Summary:**Filename and Data Path:** C:\AATI\Data\2020 09 28\pacbio 13-04-51\2020 09 28 13H 04M.raw**Created:** 28-Sep-20 1:22 PM**# of Capillaries:** 3**Array Serial #:** 062217-01USFP**Effect Length:** 22 cm**Array Usage Count:** 354**FEMTO Pulse Version #:** 1.0.0.32**Device Serial #:** F12127**METHOD INFORMATION****Method Name:** FP-1002-22 - gDNA 165Kb.mthds**Gel Prime:** No**Full Conditioning:** Yes**Gel Prime to Buffer:** No**Gel Selection:** Gel 1**Perform Prerun:** -5.0 kV, 60 sec.**Rinse:** No**Marker 1:** No**Rinse:** Tray: 3, Row: A, # Dips: 1**Sample Injection:** -5.0 kV, 30 sec.**Separation:** 70.0 min.**Tray Name:** Pacbio**Analysis Mode:** gDNA**NOTES**

Time Shift: Using configured: slope=0.00025, intercept=0.0

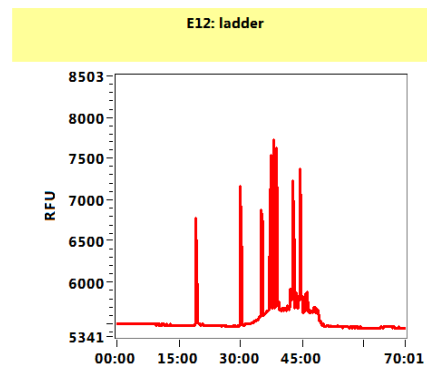
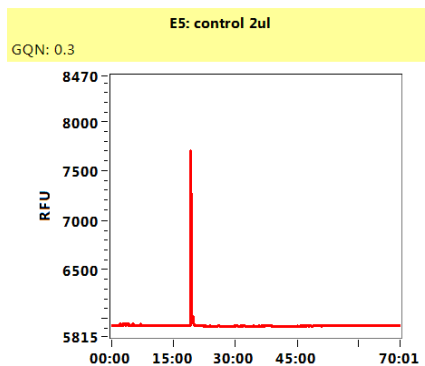
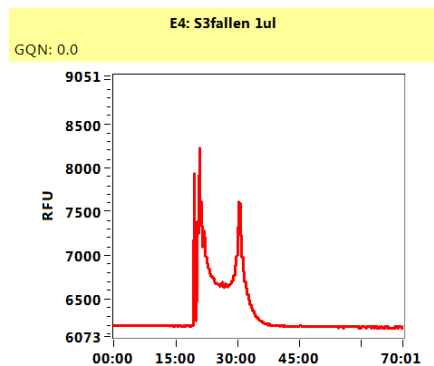
Gel Image



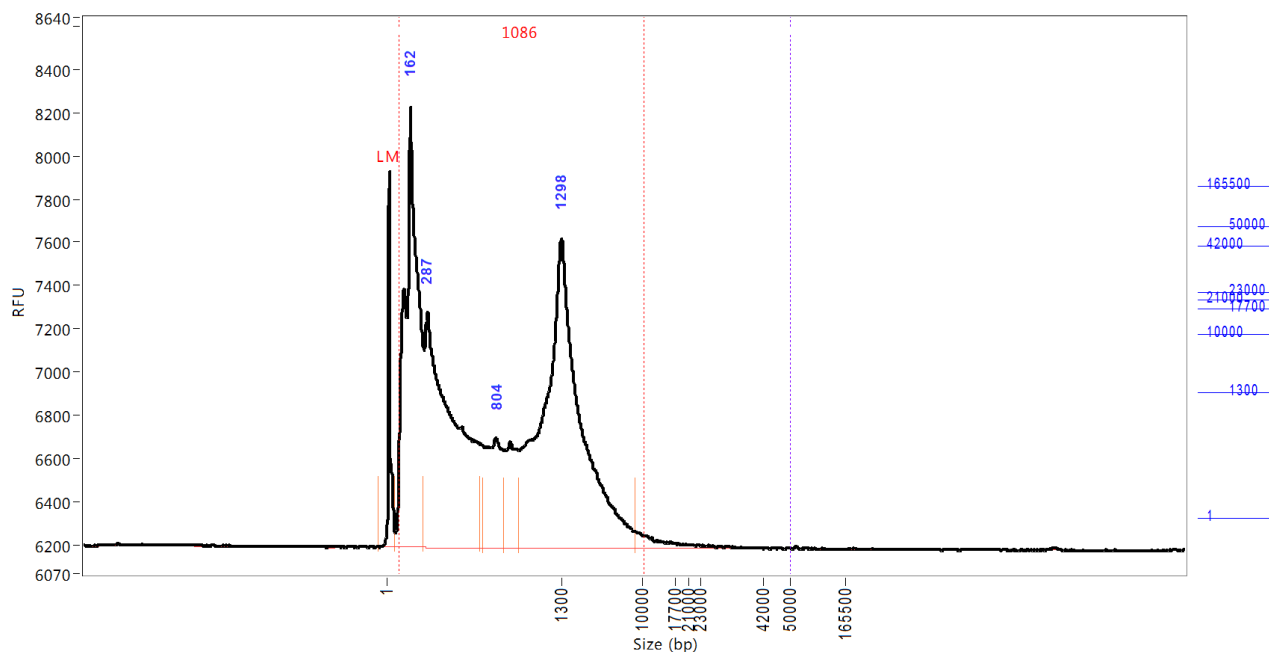
GQN Summary

Well	Sample ID	GQN	Size Threshold (bp)	Total Conc. (pg/uL)
E4	S3fallen 1ul	0.0	50000	862.7294
E5	control 2ul	0.3	50000	0.4008
E12	ladder			

Filename and Data Path: C:\AATI\Data\2020 09 28\pacbio 13-04-51\2020 09 28 13H 04M.raw



Sample: S3fallen 1ul
Well Location: E4
Created: 28-Sep-20 1:22 PM



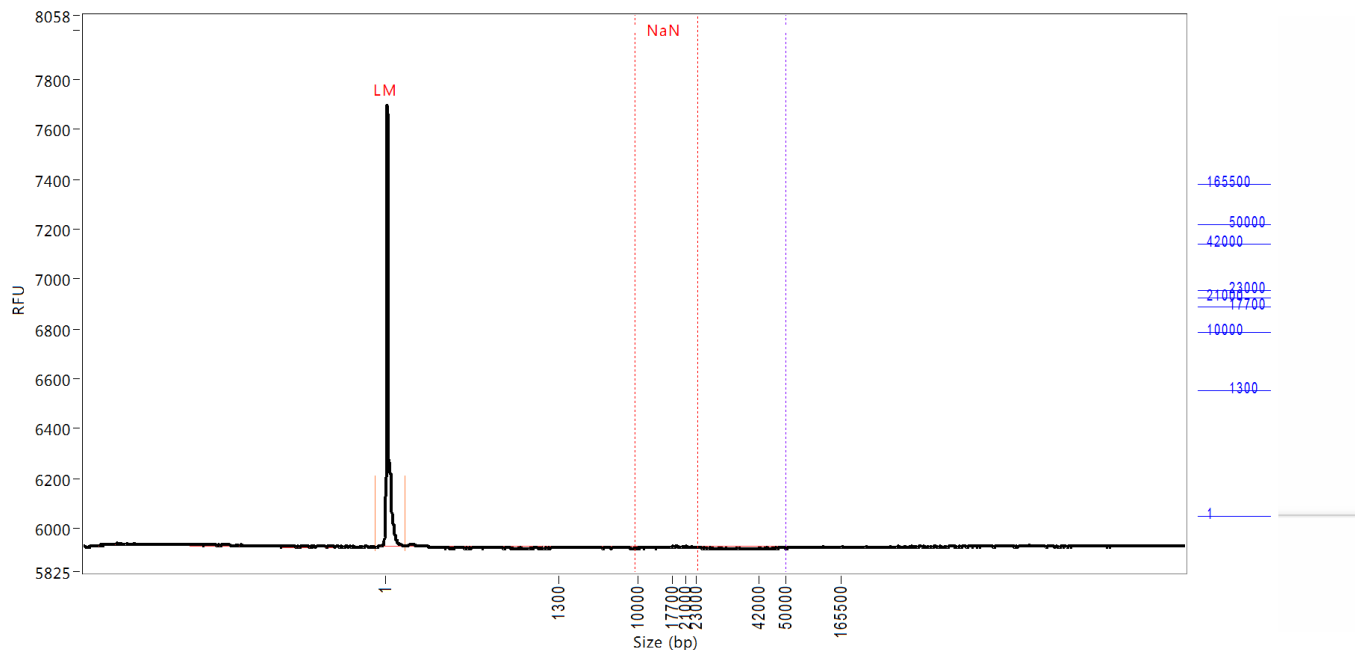
Peak	Size (bp)	Conc. (pg/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	1.5339	0	50	5	304.91	1738	13.163
2	162	223.8923	50	265	168	30.59	2037	96.065
3	287	234.6332	265	682	439	27.58	1085	100.673
4	804	55.2033	708	861	784	5.67	508	23.686
5	1298	294.8605	977	9311	2313	77.27	1426	126.515

TIC: 808.5893 pg/uL
TIM: 3395.8564 pmole/L
Total Conc.: 862.7294 pg/uL

GQN: 0.0
Threshold: 50000

Smear Analysis 76 bp to 10062 bp 850.9447 pg/ul 98.6 %Total 1290.0271 pmole/L 1086 Avg. Size (b.p.) 134.64 %CV

Sample Peak Width (sec): 20 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 70
Manual Baseline Start (min): 16 Manual Baseline End (min): 70
Marker Peak Width (sec): 8 Marker Min Peak Height: 500 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 1, 1300, 10000, 17700, 21000, 23000, 42000, 50000, 165500
Quantification Using: Ladder Final Concentration (ng/uL): 0.0200 Dilution Factor: 20.0
Min. RFU for Data Processing: 1 Size Threshold (b.p.): 50000

Sample: control 2ul**Well Location:** E5**Created:** 28-Sep-20 1:22 PM

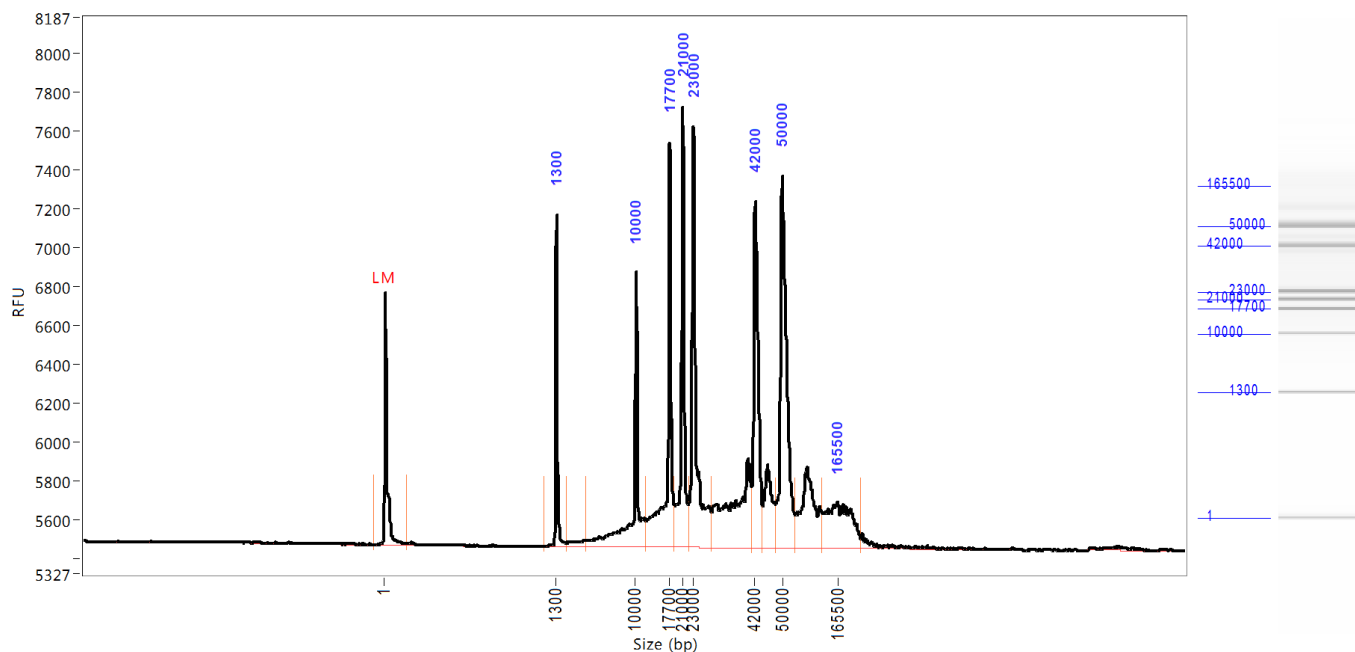
Peak	Size (bp)	Conc. (pg/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	1.5339	0	146	8	234.37	1775	13.744

TIC: 0.0000 pg/uL
TIM: 0.0000 pmole/L
Total Conc.: 0.4008 pg/uL

GQN: 0.3
Threshold: 50000

Smear Analysis 9455 bp to 23000 bp 0.0000 pg/ul 0.0 %Total NaN pmole/L NaN Avg. Size (b.p.) NaN %CV

Sample Peak Width (sec): 20 Sample Min Peak Height: 50 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 70
Manual Baseline Start (min): 16 Manual Baseline End (min): 70
Marker Peak Width (sec): 8 Marker Min Peak Height: 500 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 500 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 1, 1300, 10000, 17700, 21000, 23000, 42000, 50000, 165500
Quantification Using: Ladder Final Concentration (ng/uL): 0.0200 Dilution Factor: 20.0
Min. RFU for Data Processing: 1 Size Threshold (b.p.): 50000

Sample: ladder**Well Location:** E12**Created:** 28-Sep-20 1:22 PM

Peak	Size (bp)	Conc. (pg/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	1.5339	0	167	11	249.22	1297	10.910
2	1300	9.4997	1212	2478	1359	12.86	1705	6.757
3	10000	18.6426	4574	12305	9232	18.27	1412	13.260
4	17700	23.0047	12305	18913	16619	10.14	2080	16.363
5	21000	19.3835	18913	22050	20798	2.98	2267	13.787
6	23000	25.8953	22050	28441	23867	6.66	2161	18.419
7	42000	19.7181	40944	44118	42297	1.60	1780	14.025
8	50000	28.6130	47961	75301	54803	11.63	1910	20.352
9	165500	12.8036	133050	>200000	169556	12.48	240	9.107

TIC: 157.5605 pg/uL
 TIM: 22.1816 pmole/L
 Total Conc.: 200.0000 pg/uL

Sample Peak Width (sec): 20 Sample Min Peak Height: 300 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 70
 Manual Baseline Start (min): 25 Manual Baseline End (min): 70
 Marker Peak Width (sec): 8 Marker Min Peak Height: 500 Marker Baseline V to V?: N Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 500 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 1, 1300, 10000, 17700, 21000, 23000, 42000, 50000, 165500
 Quantification Using: Ladder Final Concentration (ng/uL): 0.0200 Dilution Factor: 10.0
 Min. RFU for Data Processing: 1 Size Threshold (b.p.): 50000

Sample: ladder
Well Location: E12
Created: 28-Sep-20 1:22 PM
Fit Type: Point to Point

Calibration Curve

