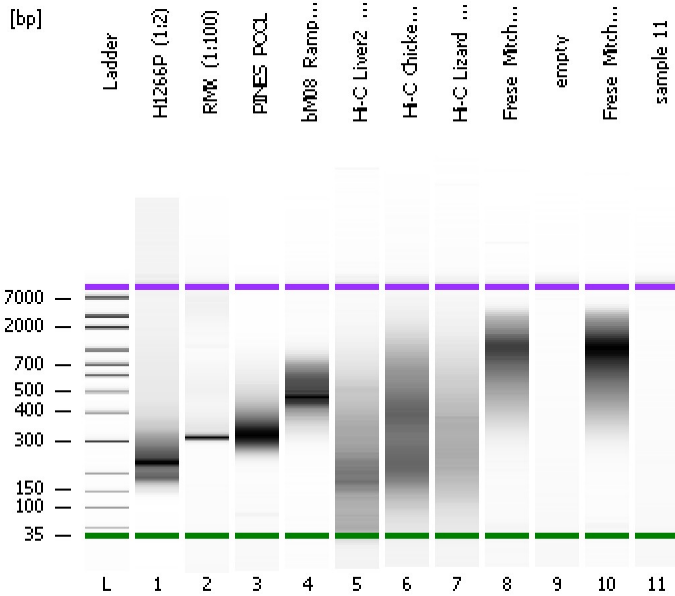


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-09\2018-02-09_001.xad

Created: 2/9/2018 2:23:01 PM
Modified: 2/9/2018 3:14:25 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

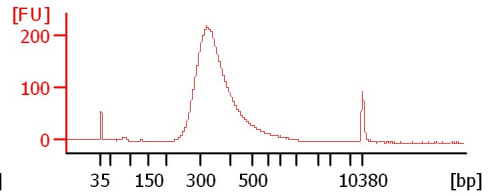
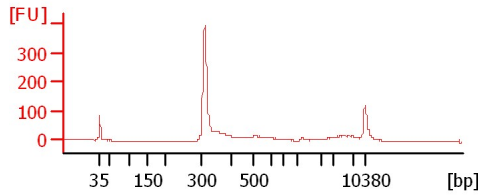
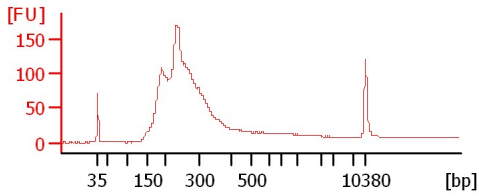
Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

H1266P_(1:2)

RMX_(1:100)

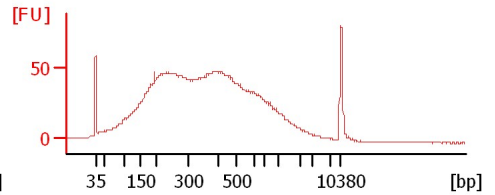
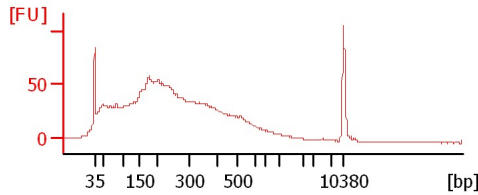
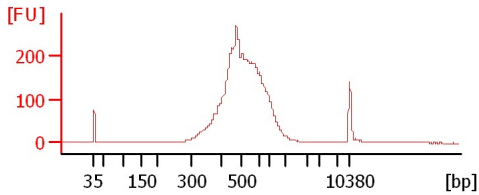
PINES_POOL



bM08_Rampage_(1:10)

Hi-C_Liver2_Shear-55sec

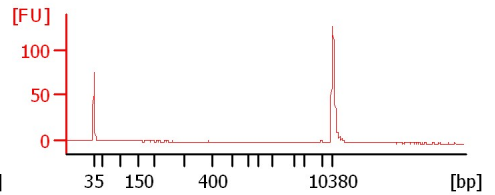
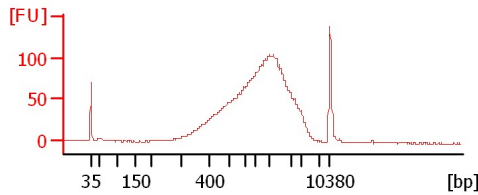
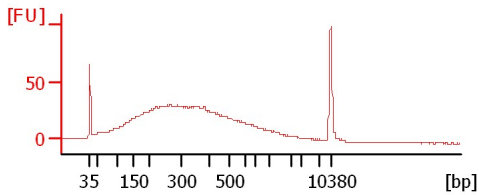
Hi-C_ChickenLiver_Shear_55sec



Hi-C_Lizard_Shear_55sec

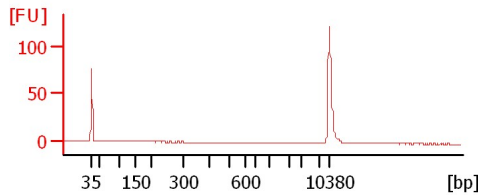
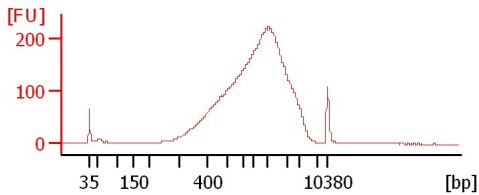
Frese_Mitchell_pool_(1:3)

empty



Frese_Mitchelle_pool_undil

sample 11



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-09\2018-02-09_001.xad

Created: 2/9/2018 2:23:01 PM
Modified: 2/9/2018 3:14:25 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
H1266P_(1:2)		<input type="checkbox"/>	✓			
RMX_(1:100)		<input type="checkbox"/>	✓			
PINES_POOL		<input type="checkbox"/>	✓			
bM08_Rampage_(1:10)		<input type="checkbox"/>	✓			
Hi-C_Liver2_Shear-55sec		<input type="checkbox"/>	✓			
Hi-C_ChickenLiver_Shear_55sec		<input type="checkbox"/>	✓			
Hi-C_Lizard_Shear_55sec		<input type="checkbox"/>	✓			
Frese_Mitchell_pool_(1:3)		<input type="checkbox"/>	✓			
empty		<input type="checkbox"/>	✓			
Frese_Mitchelle_pool_undil		<input type="checkbox"/>	✓			
sample 11		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

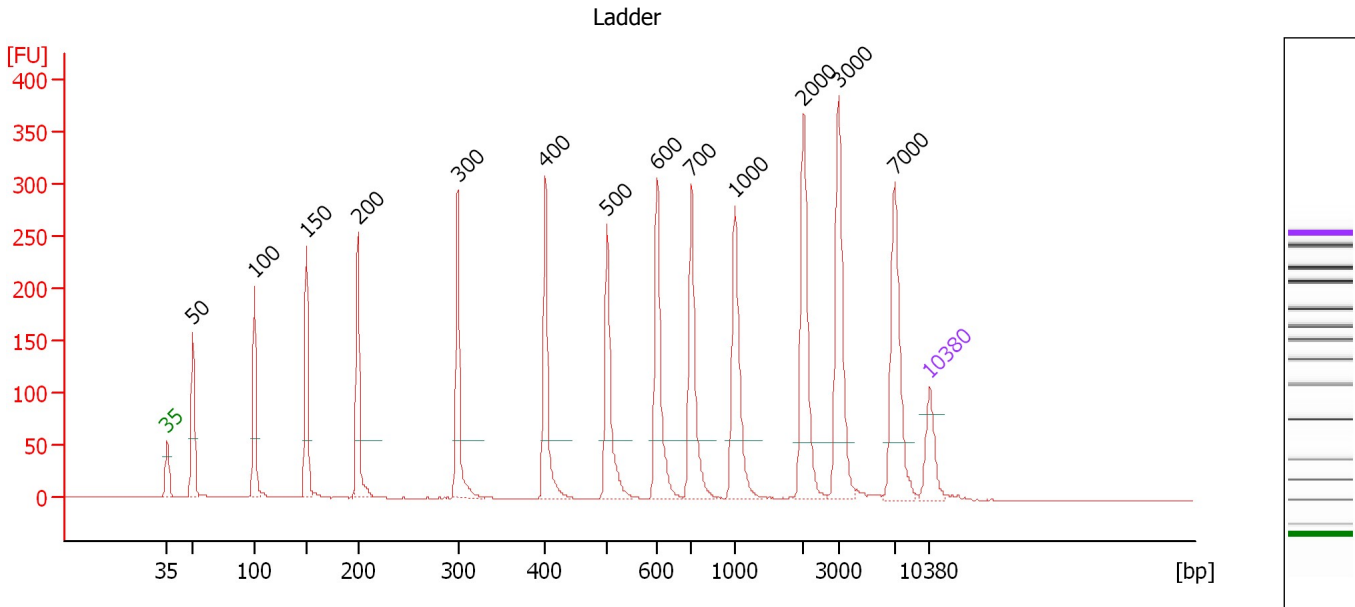
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-09\2018-02-09_001.xad

Created: 2/9/2018 2:23:01 PM
 Modified: 2/9/2018 3:14:25 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

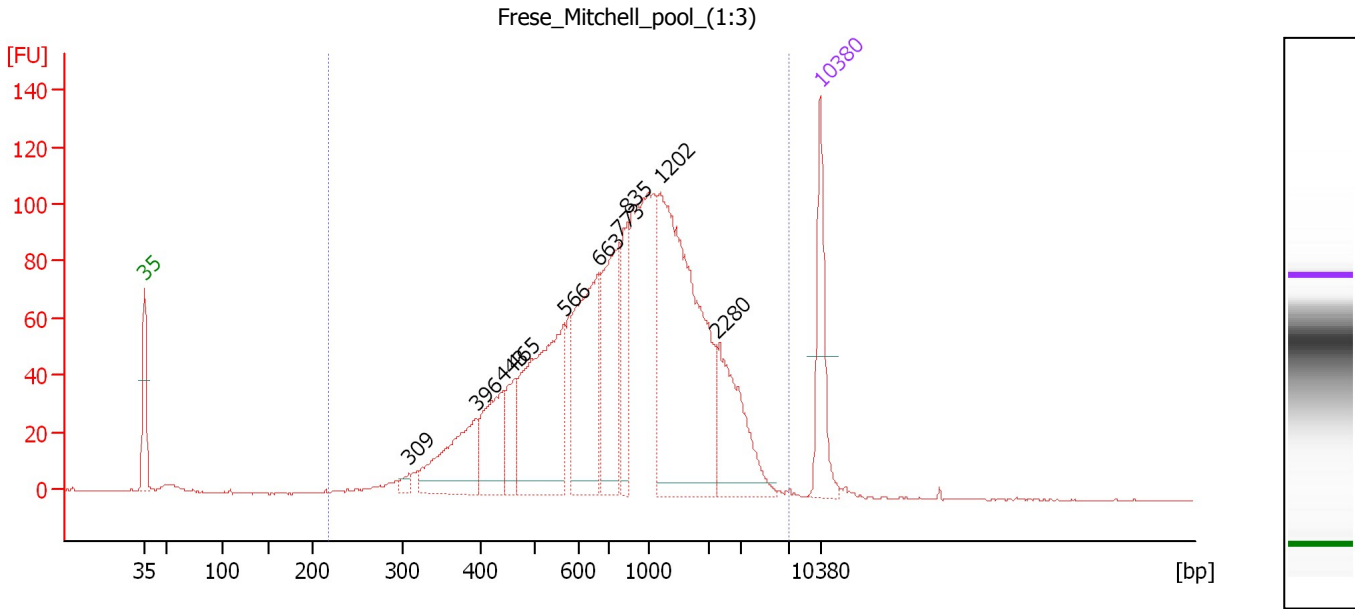
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.35
3	100	150.00	2,272.7	Ladder Peak	50.98
4	150	150.00	1,515.2	Ladder Peak	55.79
5	200	150.00	1,136.4	Ladder Peak	60.49
6	300	150.00	757.6	Ladder Peak	69.70
7	400	150.00	568.2	Ladder Peak	77.73
8	500	150.00	454.5	Ladder Peak	83.41
9	600	150.00	378.8	Ladder Peak	88.02
10	700	150.00	324.7	Ladder Peak	91.15
11	1,000	150.00	227.3	Ladder Peak	95.17
12	2,000	150.00	113.6	Ladder Peak	101.44
13	3,000	150.00	75.8	Ladder Peak	104.67
14	7,000	150.00	32.5	Ladder Peak	109.82
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-09\2018-02-09_001.xad

Created: 2/9/2018 2:23:01 PM
 Modified: 2/9/2018 3:14:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Frese Mitchell pool (1:3)

Number of peaks found: 10 Corr. Area 1: 2,146.6
 Noise: 0.3

Peak table for sample 8 : Frese Mitchell pool (1:3)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	309	10.27	50.3		70.44
3	396	126.92	485.8		77.39
4	443	95.10	325.5		80.15
5	465	57.99	189.0		81.42
6	566	247.84	663.6		86.45
7	663	197.62	451.9		89.98
8	773	151.37	296.6		92.13
9	835	81.79	148.4		92.96
10	1,202	386.36	486.9		96.44
11	2,280	108.43	72.0		102.35
12	10,380	75.00	10.9	Upper Marker	113.00

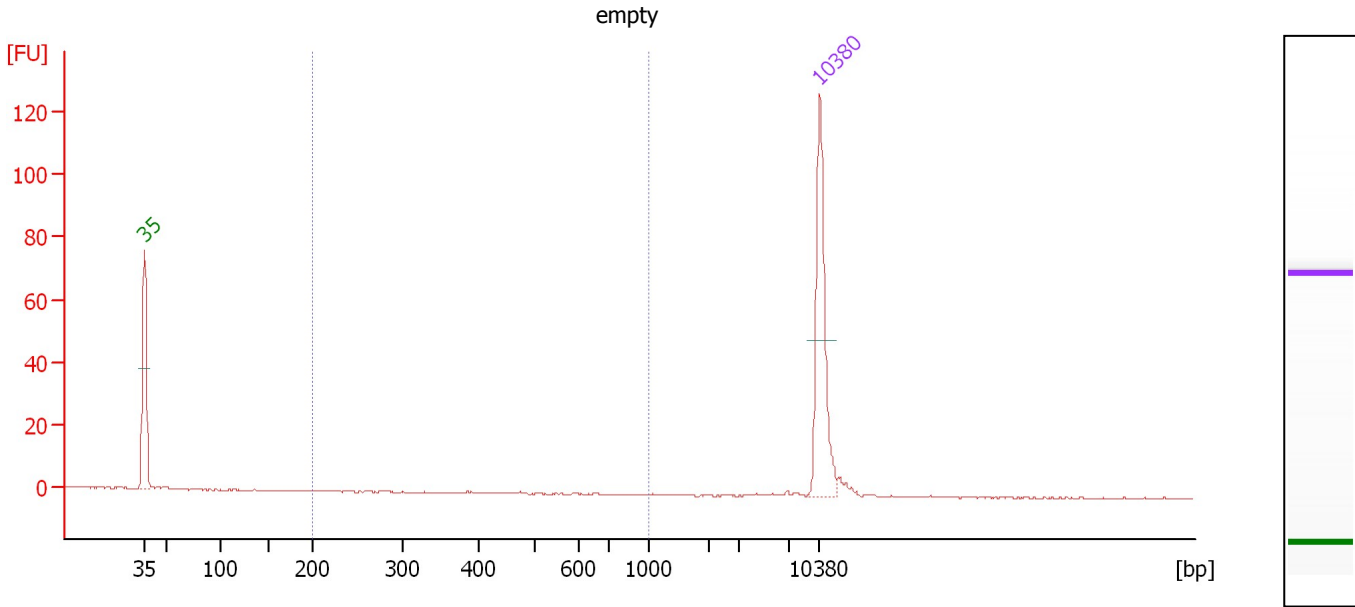
Region table for sample 8 : Frese Mitchell pool (1:3)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
217	6,884	1,093	2,146.6	1,776.21	3,873.3	99	71.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-09\2018-02-09_001.xad

Created: 2/9/2018 2:23:01 PM
 Modified: 2/9/2018 3:14:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : empty

Number of peaks found: 0 Corr. Area 1: 0.2
 Noise: 0.2

Peak table for sample 9 : empty

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	10,380	75.00	10.9	Upper Marker	113.00

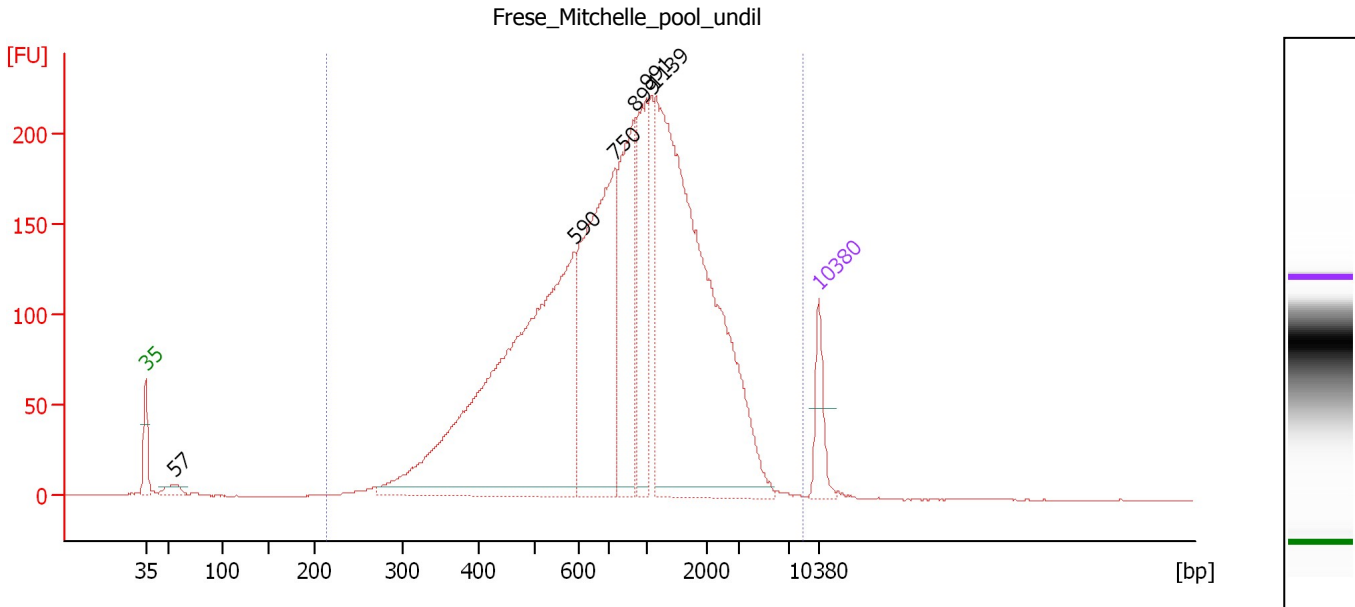
Region table for sample 9 : empty

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	529	0.2	0.16	0.5	1	22.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-09\2018-02-09_001.xad

Created: 2/9/2018 2:23:01 PM
 Modified: 2/9/2018 3:14:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : Frese Mitchell pool undil

Number of peaks found: 6 Corr. Area 1: 4,551.3
 Noise: 0.2

Peak table for sample 10 : Frese Mitchell pool undil

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	57	39.46	1,054.7		46.10
3	590	1,414.79	3,632.8		87.56
4	750	733.14	1,480.2		91.83
5	899	397.63	669.8		93.82
6	991	277.79	424.9		95.04
7	1,139	1,333.91	1,774.6		96.04
8	10,380	75.00	10.9	Upper Marker	113.00

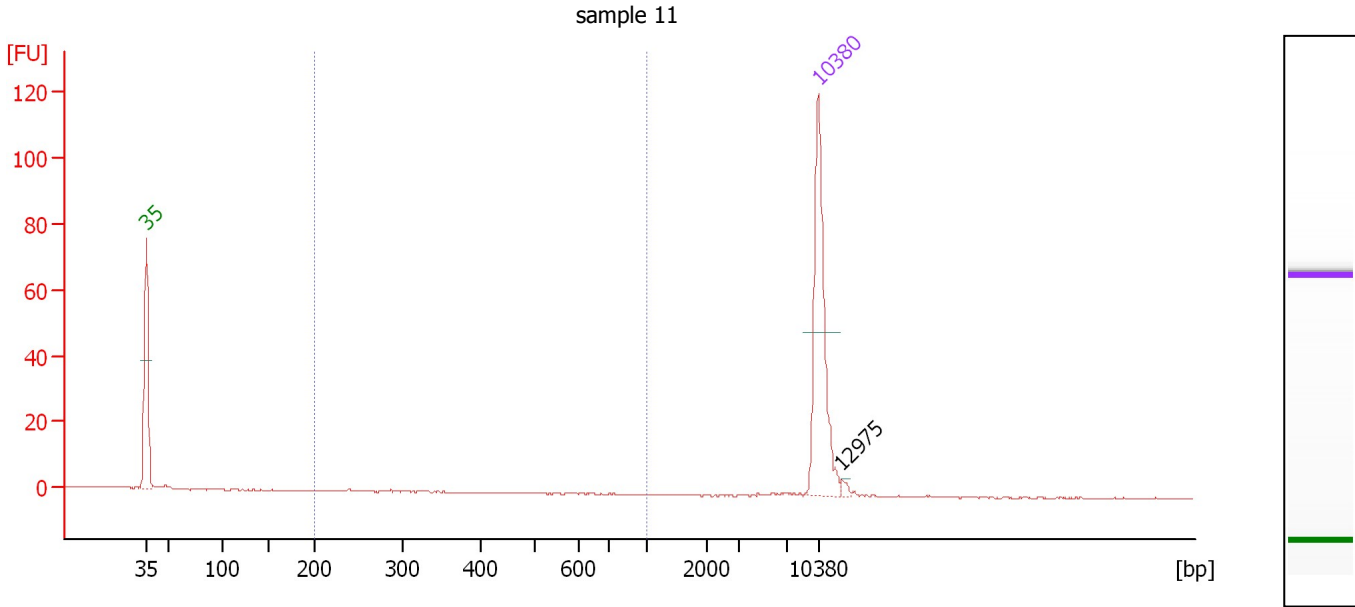
Region table for sample 10 : Frese Mitchell pool undil

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
214	8,604	1,096	4,551.3	4,514.04	9,965.7	99	74.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-09\2018-02-09_001.xad

Created: 2/9/2018 2:23:01 PM
 Modified: 2/9/2018 3:14:25 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 1 Corr. Area 1: 0.1
 Noise: 0.2

Peak table for sample 11 : sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	10,380	75.00	10.9	Upper Marker	113.00
3	12,975	0.00	0.0		115.44

Region table for sample 11 : sample 11

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	273	0.1	0.12	0.6	2	7.8

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-09\2018-02-09_001.xad

Created: 2/9/2018 2:23:01 PM
Modified: 2/9/2018 3:14:25 PM

Gel Image

