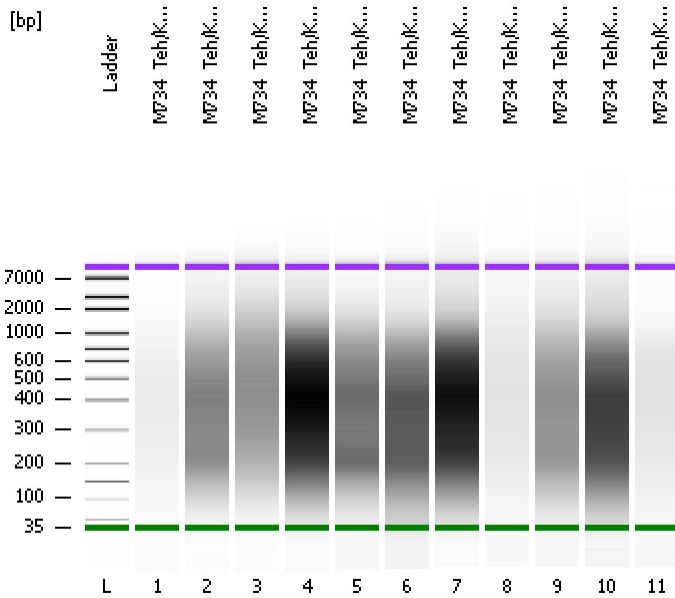


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
Modified: 11/5/2018 10:14:40 AM

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

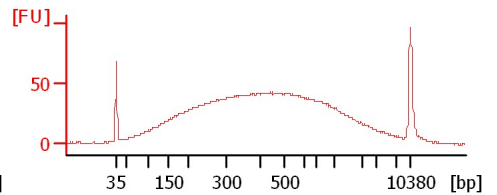
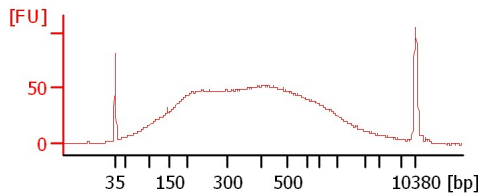
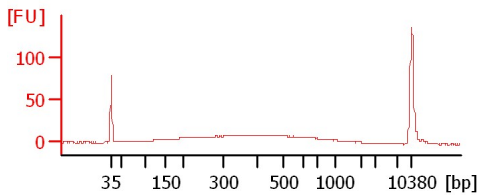
Chip Information:

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

M734_Teh/Kurobe_12

M734_Teh/Kurobe_13

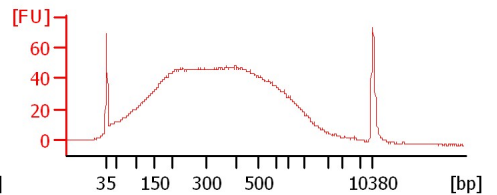
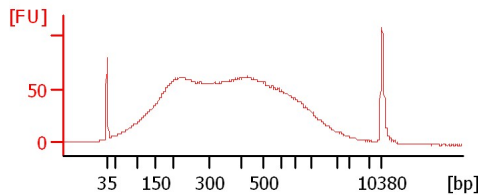
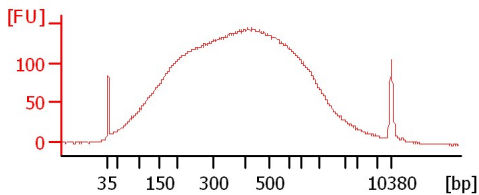
M734_Teh/Kurobe_14



M734_Teh/Kurobe_15

M734_Teh/Kurobe_16

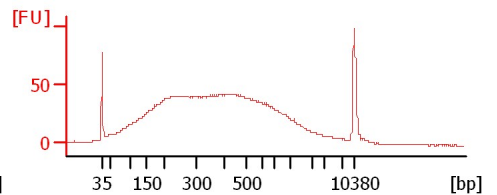
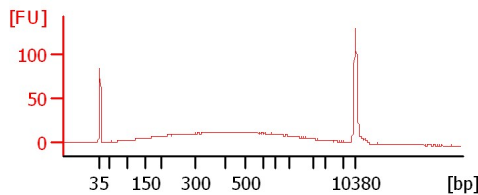
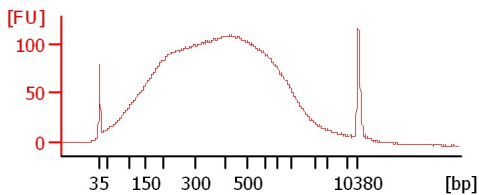
M734_Teh/Kurobe_17



M734_Teh/Kurobe_18

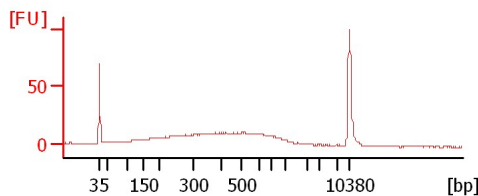
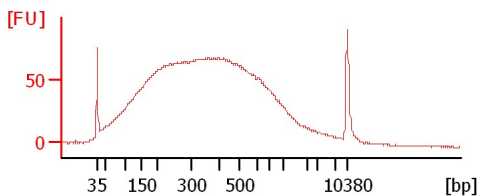
M734_Teh/Kurobe_19

M734_Teh/Kurobe_20



M734_Teh/Kurobe_21

M734_Teh/Kurobe_22



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
 Modified: 11/5/2018 10:14:40 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
M734_Teh/Kurobe_12		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_13		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_14		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_15		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_16		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_17		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_18		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_19		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_20		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_21		<input type="checkbox"/>	✓			
M734_Teh/Kurobe_22		<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\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
Modified: 11/5/2018 10:14:40 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

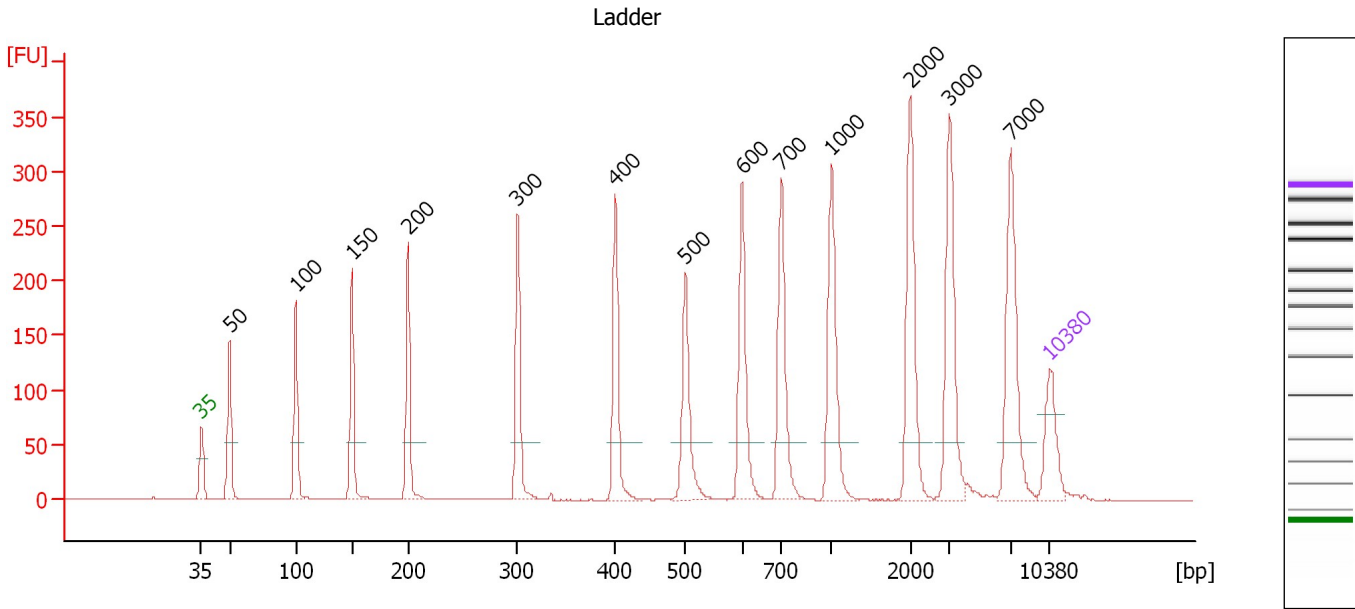
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
 Modified: 11/5/2018 10:14:40 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

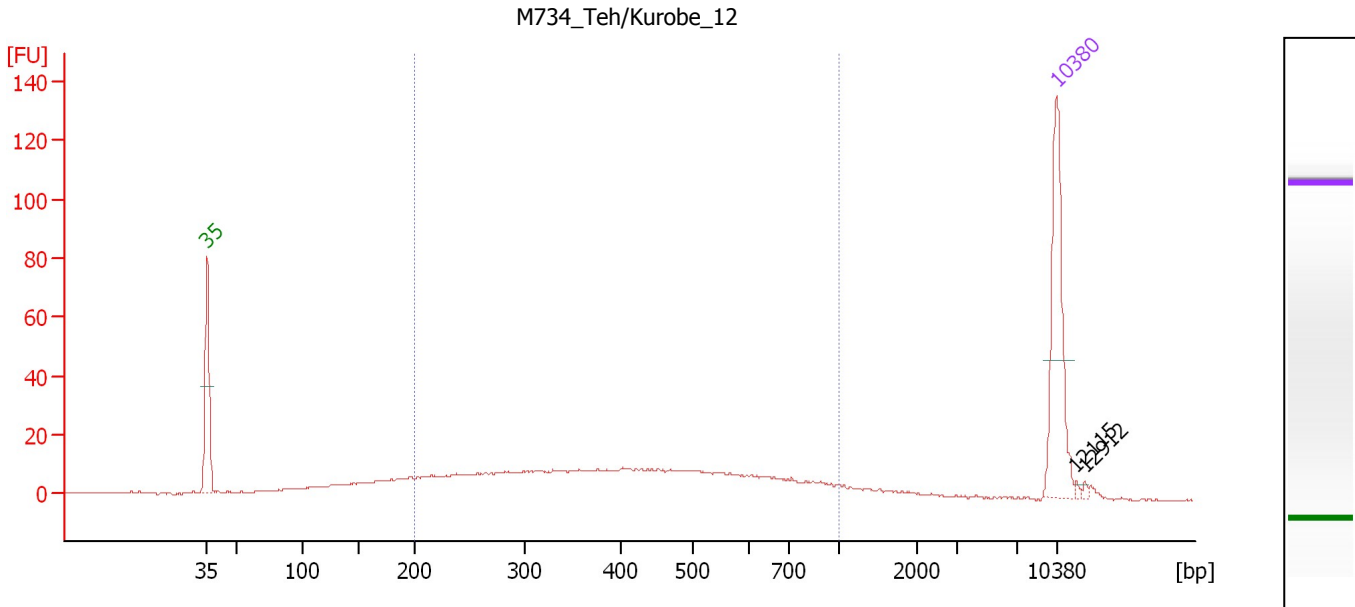
Peak table for Ladder

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	45.33
3	100	150.00	2,272.7	Ladder Peak	50.79
4	150	150.00	1,515.2	Ladder Peak	55.46
5	200	150.00	1,136.4	Ladder Peak	60.04
6	300	150.00	757.6	Ladder Peak	69.11
7	400	150.00	568.2	Ladder Peak	77.16
8	500	150.00	454.5	Ladder Peak	82.97
9	600	150.00	378.8	Ladder Peak	87.64
10	700	150.00	324.7	Ladder Peak	90.90
11	1,000	150.00	227.3	Ladder Peak	95.04
12	2,000	150.00	113.6	Ladder Peak	101.51
13	3,000	150.00	75.8	Ladder Peak	104.77
14	7,000	150.00	32.5	Ladder Peak	109.83
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : M734 Teh/Kurobe 12

Number of peaks found: 2 Corr. Area 1: 362.3
 Noise: 0.3

Peak table for sample 1 : M734 Teh/Kurobe 12

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	12,115	0.00	0.0		114.63
4	12,912	0.00	0.0		115.37

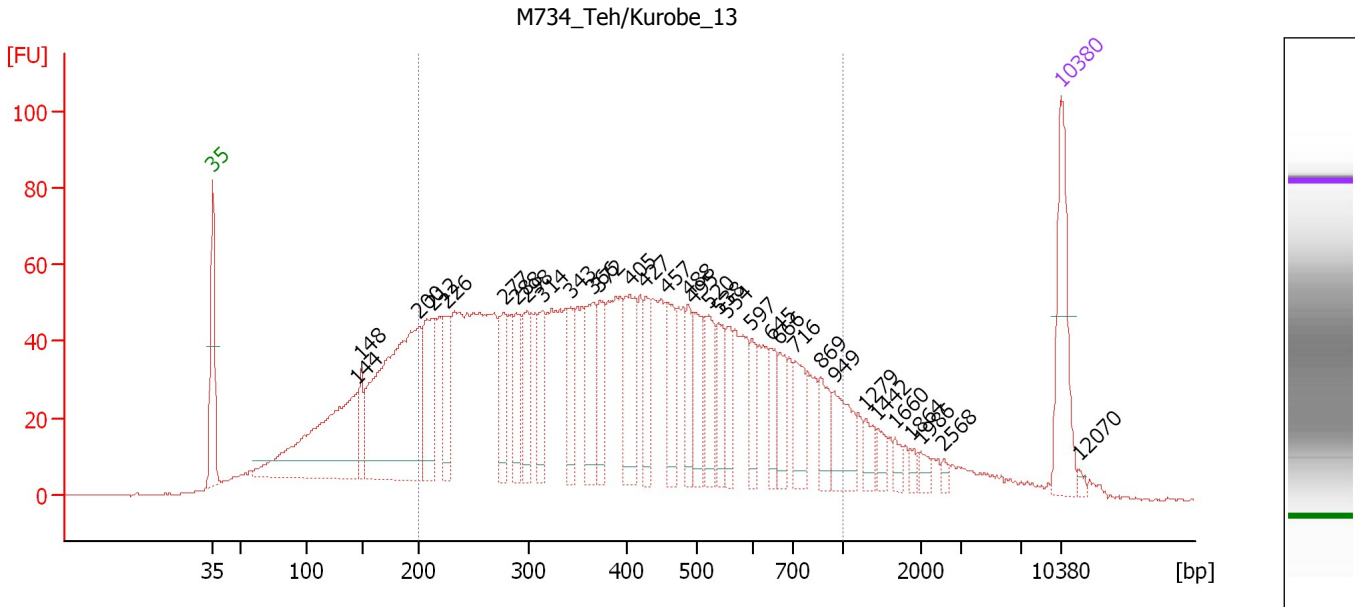
Region table for sample 1 : M734 Teh/Kurobe 12

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	436	317.53	362.3	1,355.7	76	39.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
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Electropherogram Summary Continued ...



Overall Results for sample 2 : M734 Teh/Kurobe 13

Number of peaks found: 33 Corr. Area 1: 2,172.7
 Noise: 0.3

Peak table for sample 2 : M734 Teh/Kurobe 13

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	144	283.86	2,979.7		54.93
3	148	44.24	452.6		55.28
4	200	372.13	2,819.1		60.04
5	212	108.14	774.2		61.09
6	226	64.36	432.0		62.37
7	277	61.24	334.7		67.04
8	288	52.40	275.3		68.05
9	298	55.41	281.7		68.93
10	314	53.62	259.0		70.21
11	343	44.55	196.7		72.58
12	366	76.36	316.0		74.43
13	372	56.49	230.0		74.92
14	405	83.25	311.2		77.47
15	427	40.78	144.6		78.75
16	457	56.28	186.7		80.47
17	488	36.84	114.4		82.27
18	495	51.99	159.2		82.67
19	520	54.30	158.3		83.90
20	538	38.60	108.7		84.74
21	554	34.83	95.3		85.48
22	597	25.98	65.9		87.51
23	645	30.21	71.0		89.09
24	666	32.90	74.8		89.80
25	716	42.07	89.0		91.12

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
 Modified: 11/5/2018 10:14:40 AM

Electropherogram Summary Continued ...

... Peak table for sample 2 : M734 Teh/Kurobe_13

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	869	32.44	56.6		93.23
27	949	47.87	76.4		94.33
28	1,279	16.80	19.9		96.84
29	1,442	13.02	13.7		97.90
30	1,660	8.95	8.2		99.31
31	1,864	6.11	5.0		100.63
32	1,986	9.19	7.0		101.42
33	2,568	4.34	2.6		103.36
34	10,380	75.00	10.9	Upper Marker	113.00
35	12,070	0.00	0.0		114.58

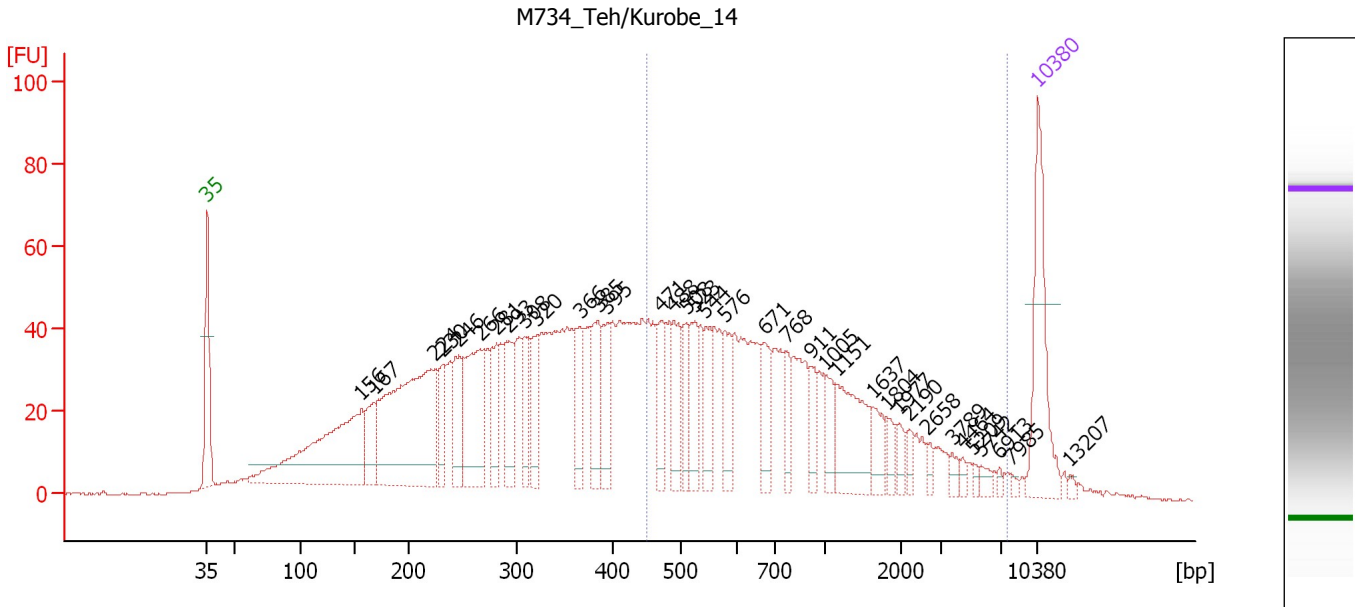
Region table for sample 2 : M734 Teh/Kurobe_13

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	430	2,556.00	2,172.7	11,176.9	72	40.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
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Electropherogram Summary Continued ...



Overall Results for sample 3 : M734 Teh/Kurobe 14

Number of peaks found: 36 Corr. Area 1: 925.1
 Noise: 0.2

Peak table for sample 3 : M734 Teh/Kurobe 14

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	156	244.09	2,374.7		55.98
3	167	48.77	442.4		57.02
4	224	286.10	1,938.0		62.18
5	230	37.80	248.9		62.77
6	246	53.65	330.5		64.21
7	266	118.29	674.3		66.00
8	281	48.07	259.5		67.35
9	293	57.23	295.9		68.47
10	308	39.08	192.0		69.78
11	320	38.32	181.4		70.72
12	366	41.98	173.6		74.45
13	385	52.52	206.8		75.93
14	395	43.12	165.5		76.74
15	471	35.85	115.4		81.28
16	488	45.20	140.4		82.27
17	508	31.85	95.0		83.35
18	523	45.76	132.5		84.07
19	544	36.49	101.7		85.01
20	576	35.75	94.0		86.54
21	671	37.95	85.7		89.95
22	768	22.46	44.3		91.84
23	911	22.84	38.0		93.82
24	1,005	23.64	35.6		95.07
25	1,151	66.25	87.2		96.02

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
 Modified: 11/5/2018 10:14:40 AM

Electropherogram Summary Continued ...

... Peak table for sample 3 : M734 Teh/Kurobe 14

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,637	22.16	20.5		99.16
27	1,804	11.78	9.9		100.24
28	1,977	9.80	7.5		101.36
29	2,190	8.03	5.6		102.13
30	2,658	5.82	3.3		103.65
31	3,789	6.52	2.6		105.77
32	4,464	4.12	1.4		106.62
33	5,209	3.57	1.0		107.56
34	5,742	5.58	1.5		108.24
35	6,913	2.86	0.6		109.72
36	7,985	2.58	0.5		110.75
37	10,380	75.00	10.9	Upper Marker	113.00
38	13,207	0.00	0.0		115.65

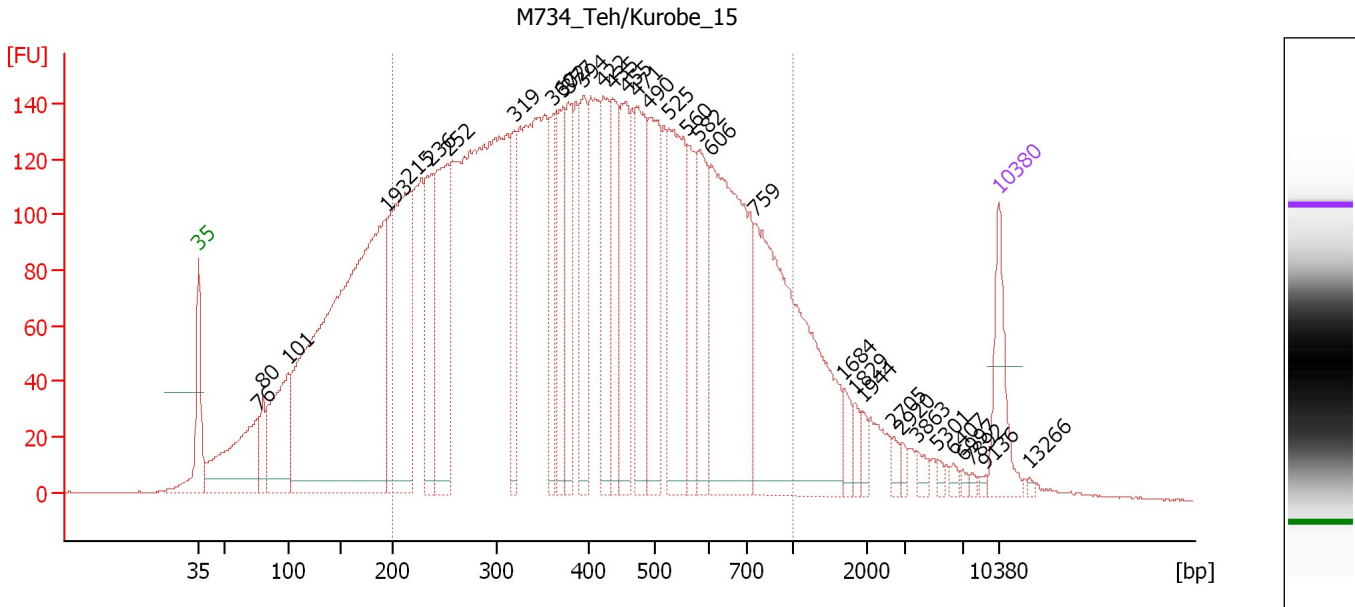
Region table for sample 3 : M734 Teh/Kurobe 14

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
448	7,545	1,126	924.05	925.1	2,016.6	38	99.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 4 : M734 Teh/Kurobe 15

Number of peaks found: 34 Corr. Area 1: 5,779.9
 Noise: 0.3

Peak table for sample 4 : M734 Teh/Kurobe 15

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	76	262.81	5,234.5		48.18
3	80	62.00	1,175.5		48.60
4	101	230.82	3,479.5		50.84
5	193	1,315.70	10,338.7		59.38
6	215	475.94	3,348.0		61.43
7	236	188.12	1,205.3		63.35
8	252	298.55	1,791.9		64.79
9	319	126.30	599.0		70.67
10	360	120.08	505.4		73.94
11	372	155.25	633.0		74.87
12	377	136.88	549.6		75.34
13	394	151.24	581.3		76.69
14	422	164.61	591.6		78.42
15	435	144.80	504.0		79.21
16	455	165.93	552.1		80.38
17	471	201.45	647.5		81.31
18	490	201.74	624.0		82.39
19	525	256.80	740.6		84.16
20	560	117.17	316.8		85.79
21	582	141.62	368.4		86.82
22	606	448.09	1,119.8		87.85
23	759	543.26	1,083.8		91.72
24	1,684	22.44	20.2		99.47
25	1,829	16.11	13.4		100.40

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
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Electropherogram Summary Continued ...

... Peak table for sample 4 : M734 Teh/Kurobe 15

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,944	13.38	10.4		101.15
27	2,705	11.59	6.5		103.81
28	2,920	8.09	4.2		104.51
29	3,863	11.73	4.6		105.86
30	5,301	5.78	1.7		107.68
31	6,407	6.38	1.5		109.08
32	6,997	5.01	1.1		109.83
33	7,892	4.01	0.8		110.67
34	9,136	4.08	0.7		111.83
35	10,380	75.00	10.9	Upper Marker	113.00
36	13,266	0.00	0.0		115.71

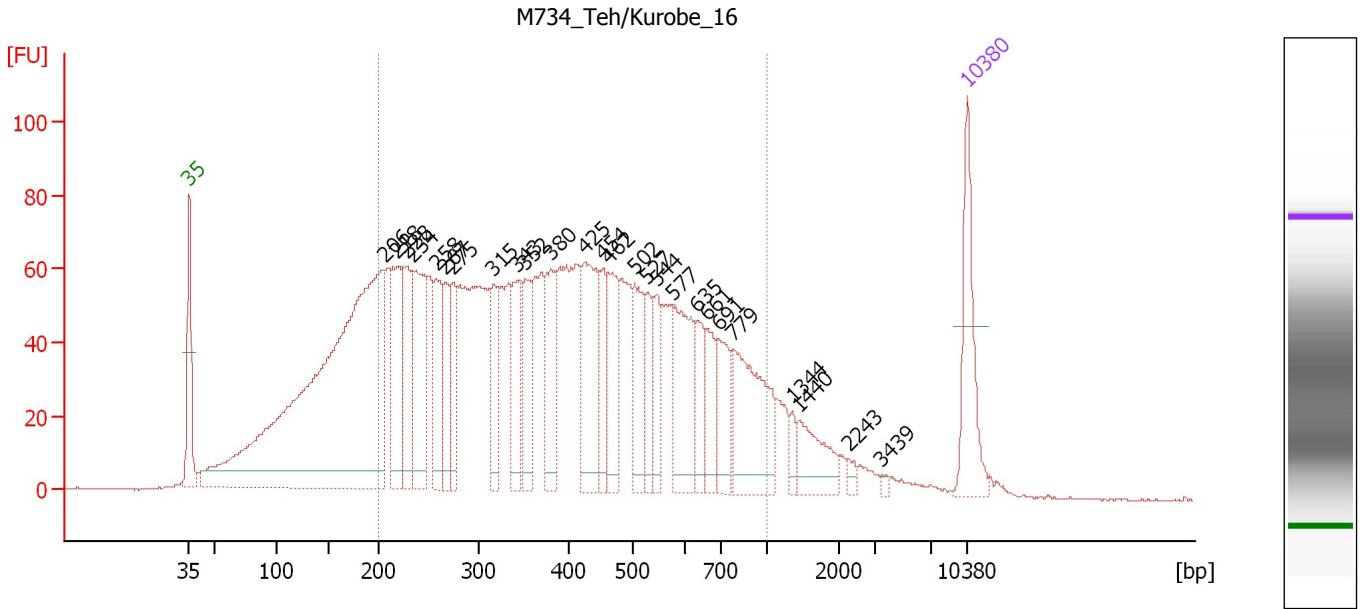
Region table for sample 4 : M734 Teh/Kurobe 15

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	439	6,110.47	5,779.9	26,127.9	73	40.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : M734 Teh/Kurobe 16

Number of peaks found: 26 Corr. Area 1: 2,560.6
 Noise: 0.2

Peak table for sample 5 : M734 Teh/Kurobe 16

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	206	958.35	7,057.0		60.56
3	218	127.55	884.7		61.71
4	228	100.58	668.4		62.58
5	234	147.70	955.0		63.15
6	258	93.08	547.4		65.26
7	267	69.99	397.8		66.08
8	275	63.57	350.9		66.80
9	315	65.92	316.7		70.35
10	343	75.99	335.9		72.55
11	352	70.86	305.3		73.27
12	380	89.46	356.9		75.53
13	425	137.29	489.8		78.60
14	454	48.92	163.4		80.28
15	462	80.74	264.9		80.76
16	502	79.63	240.4		83.06
17	527	40.58	116.8		84.21
18	544	44.77	124.7		85.03
19	577	107.09	281.3		86.56
20	635	48.10	114.8		88.77
21	661	43.41	99.5		89.63
22	691	62.24	136.6		90.59
23	779	136.44	265.5		91.99
24	1,344	12.30	13.9		97.26
25	1,440	48.68	51.2		97.89

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 5 : M734 Teh/Kurobe 16

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,243	6.68	4.5		102.30
27	3,439	2.88	1.3		105.32
28	10,380	75.00	10.9	Upper Marker	113.00

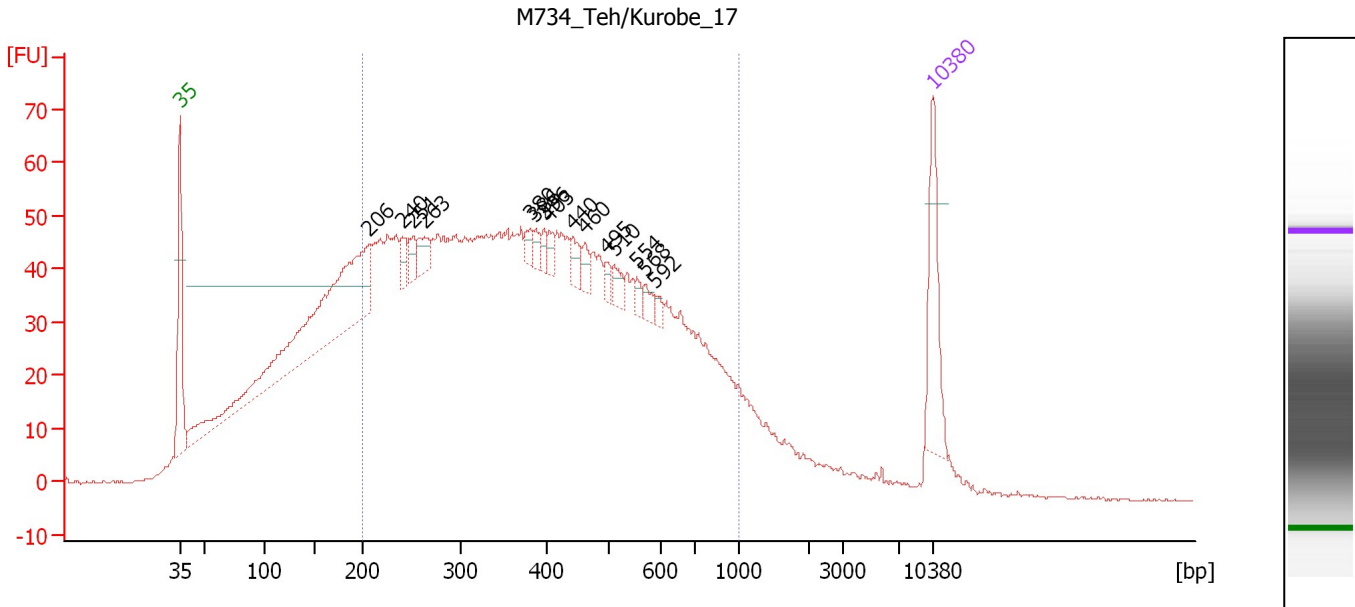
Region table for sample 5 : M734 Teh/Kurobe 16

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	428	2,814.97	2,560.6	12,415.3	72	41.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 6 : M734 Teh/Kurobe 17

Number of peaks found: 15 Corr. Area 1: 1,981.5
 Noise: 0.2

Peak table for sample 6 : M734 Teh/Kurobe 17

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	206	383.84	2,826.2		60.56
3	240	20.58	129.8		63.69
4	251	19.71	118.9		64.68
5	263	25.17	145.2		65.72
6	380	12.96	51.7		75.54
7	386	10.80	42.4		76.04
8	396	11.40	43.6		76.83
9	403	12.04	45.3		77.33
10	440	19.74	68.0		79.46
11	460	15.21	50.1		80.65
12	495	10.65	32.6		82.69
13	510	16.44	48.9		83.43
14	554	8.89	24.3		85.52
15	568	10.97	29.2		86.16
16	592	7.64	19.6		87.25
17	10,380	75.00	10.9	Upper Marker	113.00

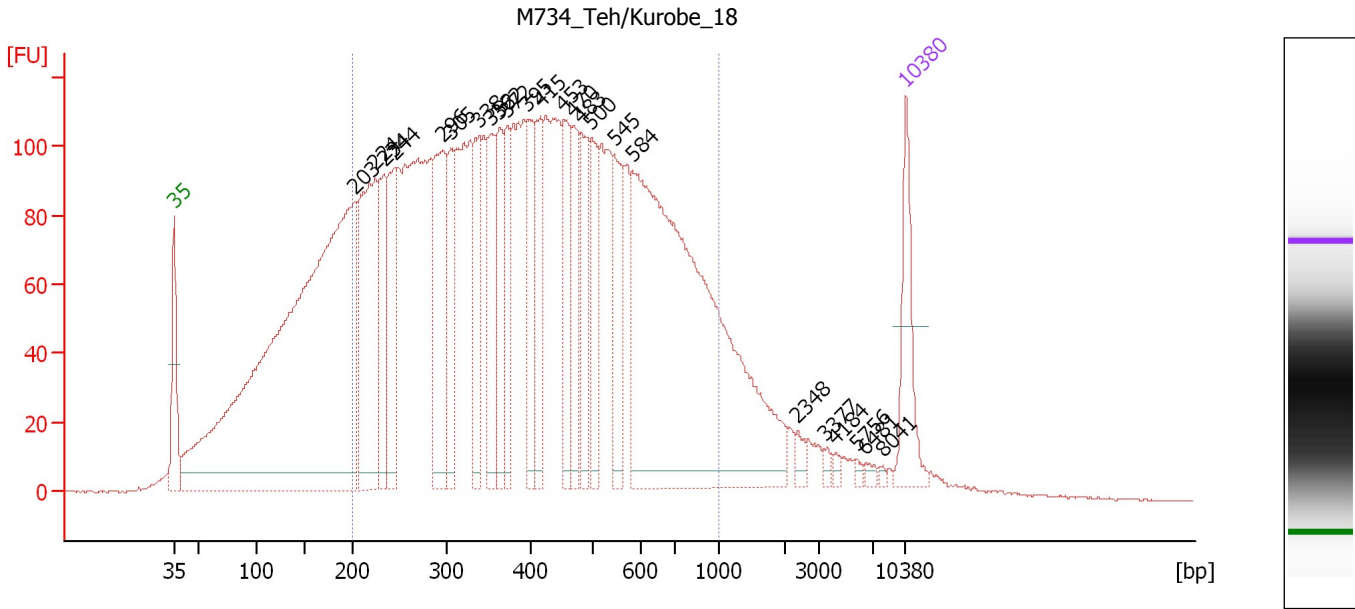
Region table for sample 6 : M734 Teh/Kurobe 17

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	419	3,763.84	1,981.5	16,754.2	68	40.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : M734 Teh/Kurobe 18

Number of peaks found: 24 Corr. Area 1: 4,363.0
 Noise: 0.3

Peak table for sample 7 : M734 Teh/Kurobe 18

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	203	1,505.03	11,241.7		60.30
3	224	329.20	2,224.5		62.23
4	234	140.17	908.4		63.10
5	244	165.23	1,024.0		64.07
6	296	210.01	1,074.1		68.77
7	305	104.00	517.3		69.48
8	338	114.52	513.1		72.18
9	352	119.44	514.0		73.31
10	362	103.41	432.5		74.12
11	372	94.67	385.9		74.89
12	395	98.78	378.7		76.78
13	415	117.45	428.5		78.05
14	453	119.82	400.7		80.24
15	470	90.53	292.0		81.21
16	483	112.82	354.0		81.98
17	500	103.27	313.2		82.95
18	545	112.66	313.0		85.09
19	584	866.01	2,248.2		86.88
20	2,348	11.21	7.2		102.64
21	3,377	6.14	2.8		105.24
22	4,184	6.01	2.2		106.27
23	5,756	4.19	1.1		108.26
24	6,481	5.34	1.2		109.17
25	8,041	3.04	0.6		110.81

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

Created: 11/5/2018 9:33:23 AM
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Electropherogram Summary Continued ...**... Peak table for sample 7 : M734 Teh/Kurobe 18**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00

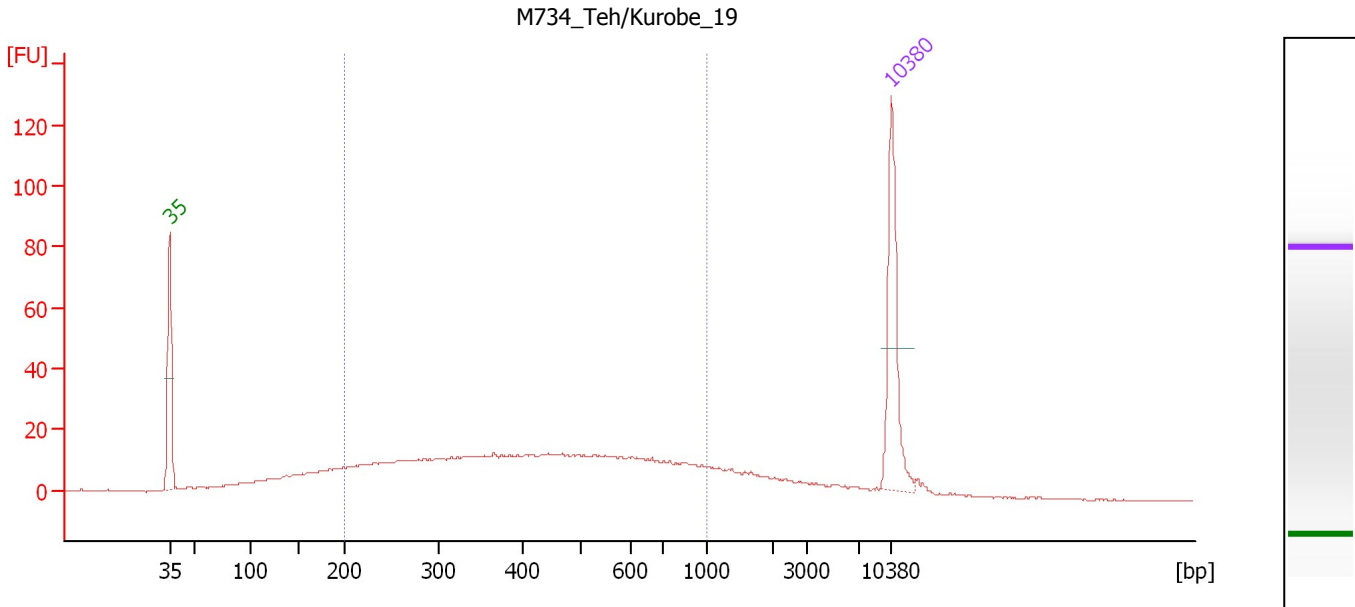
Region table for sample 7 : M734 Teh/Kurobe 18

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	436	4,567.64	4,363.0	19,662.2	72	40.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 8 : M734 Teh/Kurobe 19

Number of peaks found: 0 Corr. Area 1: 531.6
 Noise: 0.2

Peak table for sample 8 : M734 Teh/Kurobe 19

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

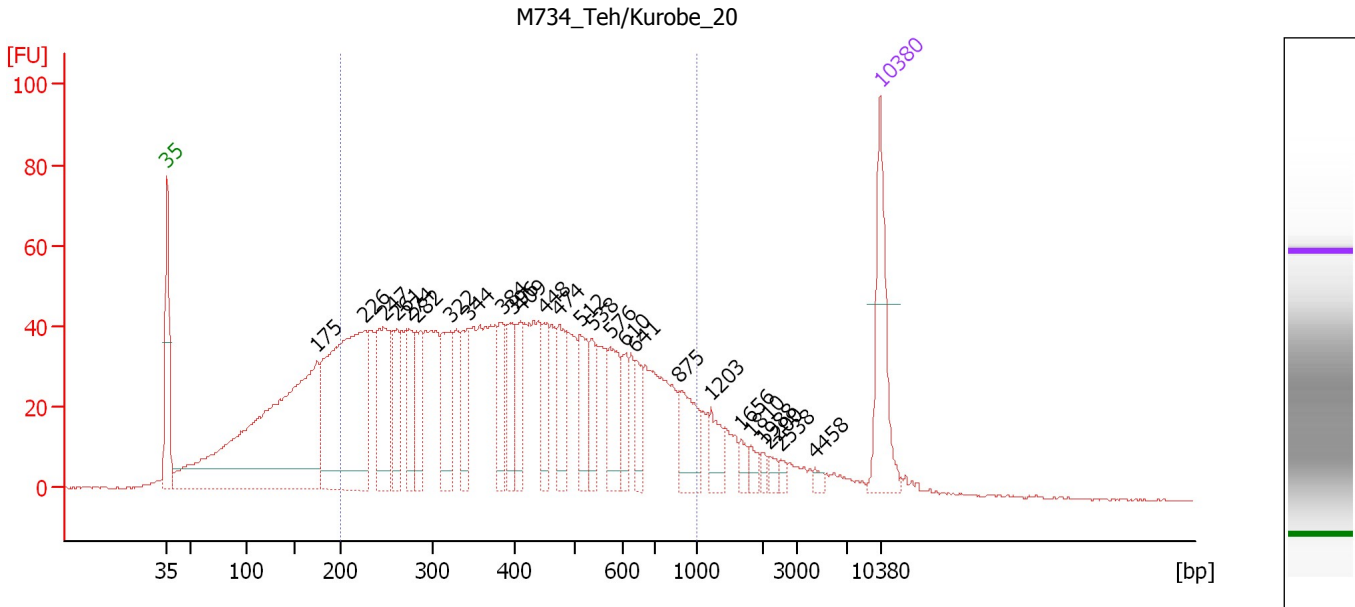
Region table for sample 8 : M734 Teh/Kurobe 19

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	457	515.85	531.6	2,143.3	69	40.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : M734 Teh/Kurobe 20

Number of peaks found: 26 Corr. Area 1: 1,729.3
 Noise: 0.2

Peak table for sample 9 : M734 Teh/Kurobe 20

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	175	568.39	4,932.3		57.71
3	226	367.02	2,457.2		62.42
4	247	114.16	701.7		64.26
5	261	56.82	329.9		65.57
6	274	59.18	327.0		66.77
7	282	61.18	328.3		67.50
8	322	83.46	393.1		70.85
9	344	56.93	250.9		72.63
10	384	47.80	188.6		75.88
11	396	46.53	178.1		76.82
12	409	46.02	170.3		77.71
13	448	44.35	149.9		79.96
14	474	50.99	162.9		81.48
15	512	54.00	159.9		83.52
16	538	33.72	95.0		84.73
17	576	53.43	140.6		86.51
18	610	28.12	69.8		87.97
19	641	26.69	63.1		88.97
20	875	50.55	87.5		93.31
21	1,203	25.64	32.3		96.35
22	1,656	9.24	8.5		99.28
23	1,810	8.69	7.3		100.28
24	1,988	5.21	4.0		101.43
25	2,200	6.74	4.6		102.16

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 9 : M734 Teh/Kurobe 20

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,538	4.50	2.7		103.26
27	4,458	4.73	1.6		106.61
28	10,380	75.00	10.9	Upper Marker	113.00

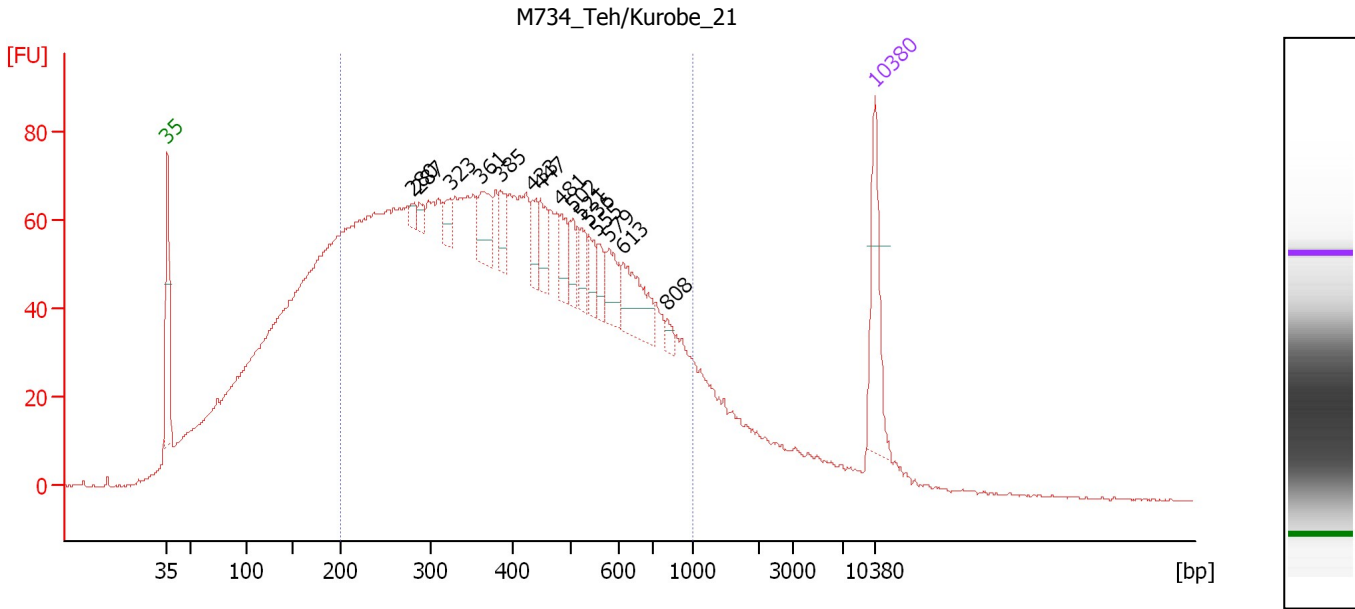
Region table for sample 9 : M734 Teh/Kurobe 20

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	431	2,019.31	1,729.3	8,827.1	70	41.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : M734 Teh/Kurobe 21

Number of peaks found: 15 Corr. Area 1: 2,704.0
 Noise: 0.2

Peak table for sample 10 : M734 Teh/Kurobe 21

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	280	10.80	58.4		67.30
3	287	12.42	65.5		67.93
4	323	21.02	98.7		70.94
5	361	49.38	207.5		73.99
6	385	30.46	119.9		75.94
7	433	29.28	102.4		79.11
8	447	35.05	118.8		79.90
9	481	32.94	103.8		81.85
10	502	26.81	80.9		83.06
11	521	28.32	82.3		83.96
12	536	25.97	73.4		84.64
13	555	18.91	51.6		85.54
14	579	35.99	94.3		86.64
15	613	64.71	159.9		88.07
16	808	9.13	17.1		92.39
17	10,380	75.00	10.9	Upper Marker	113.00

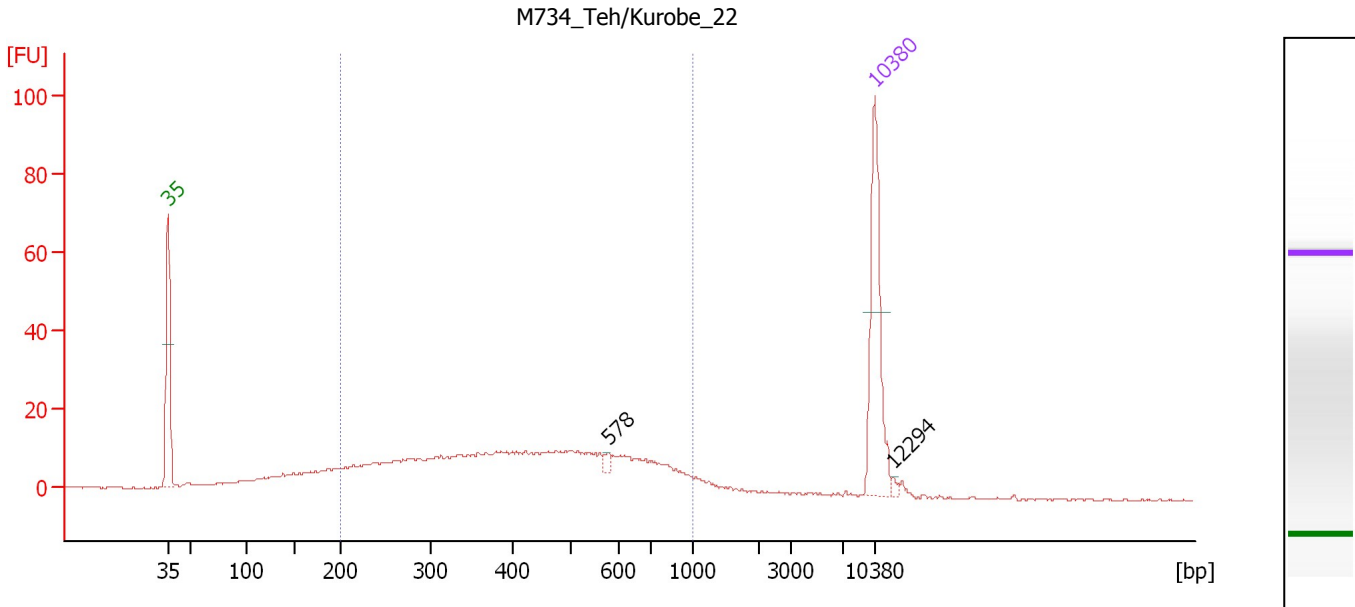
Region table for sample 10 : M734 Teh/Kurobe 21

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	425	4,362.98	2,704.0	19,178.2	69	40.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 11 : M734 Teh/Kurobe 22

Number of peaks found: 2 Corr. Area 1: 387.4
 Noise: 0.2

Peak table for sample 11 : M734 Teh/Kurobe 22

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	578	4.30	11.3		86.60
3	10,380	75.00	10.9	Upper Marker	113.00
4	12,294	0.00	0.0		114.79

Region table for sample 11 : M734 Teh/Kurobe 22

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	451	435.85	387.4	1,797.5	79	38.6

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-11-05\2018-11-05_001.xad

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