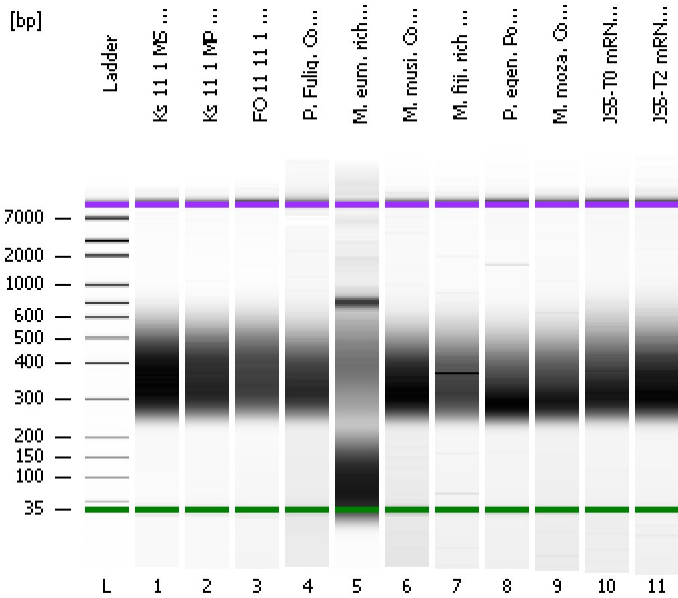


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
Modified: 12/12/2013 10:42:52 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

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

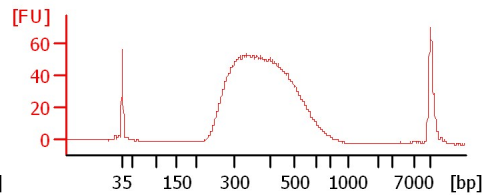
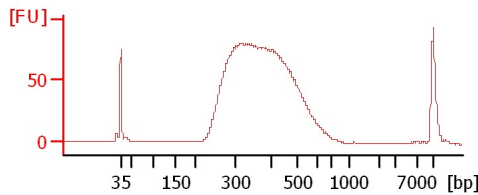
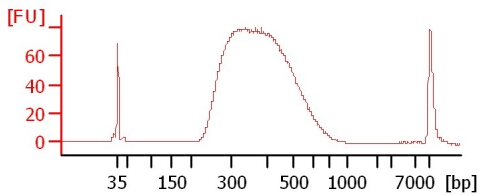
Chip Information:

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

Ks 11 1 MS mRNA Lib 1:3

Ks 11 1 MP mRNA Lib 1:3

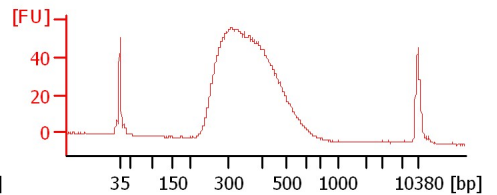
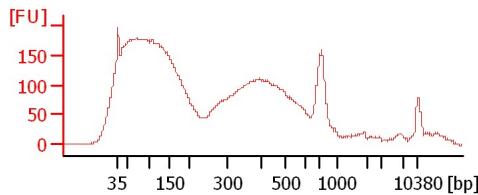
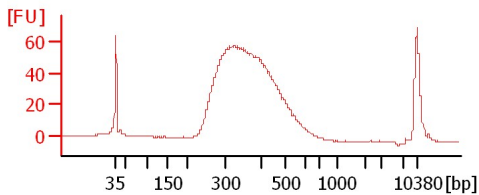
FO 11 11 1 mRNA Lib 1:5



P. Fulg. Combine mRNA Lib 1:4

M. eum. rich mRNA Lib 1:2

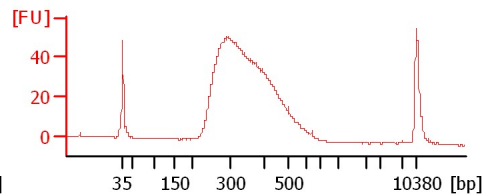
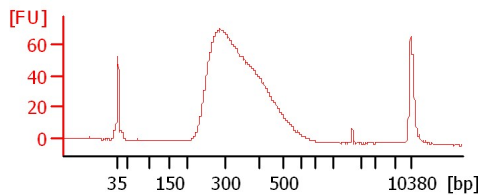
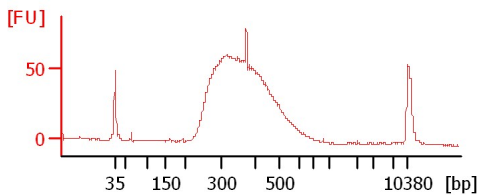
M. mus. Combine mRNA Lib 1:2



M. fiji. rich mRNA Lib 1:3

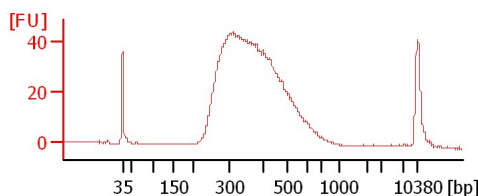
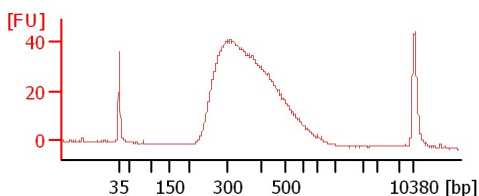
P. egen. Poor mRNA Lib 1:2

M. moza. Combine mRNA Lib 1:3



J55-T0 mRNA Lib 1:9

J55-T2 mRNA Lib 1:6



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
Modified: 12/12/2013 10:42:52 AM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Ks 11 1 MS mRNA Lib 1:3		<input type="checkbox"/>	✓			
Ks 11 1 MP mRNA Lib 1:3		<input type="checkbox"/>	✓			
FO 11 11 1 mRNA Lib 1:5		<input type="checkbox"/>	✓			
P. Fulig. Combine mRNA Lib 1:4		<input type="checkbox"/>	✓			
M. eum. rich mRNA Lib 1:2		<input type="checkbox"/>	✓			
M. musi. Combine mRNA Lib 1:2		<input type="checkbox"/>	✓			
M. fiji. rich mRNA Lib 1:3		<input type="checkbox"/>	✓			
P. egen. Poor mRNA Lib 1:2		<input type="checkbox"/>	✓			
M. moza. Combine mRNA Lib 1:3		<input type="checkbox"/>	✓			
JS5-T0 mRNA Lib 1:9		<input type="checkbox"/>	✓			
JS5-T2 mRNA Lib 1:6		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
Modified: 12/12/2013 10:42:52 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/μl] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/μl] : 125  
Upper Marker Concentration [pg/μl] : 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

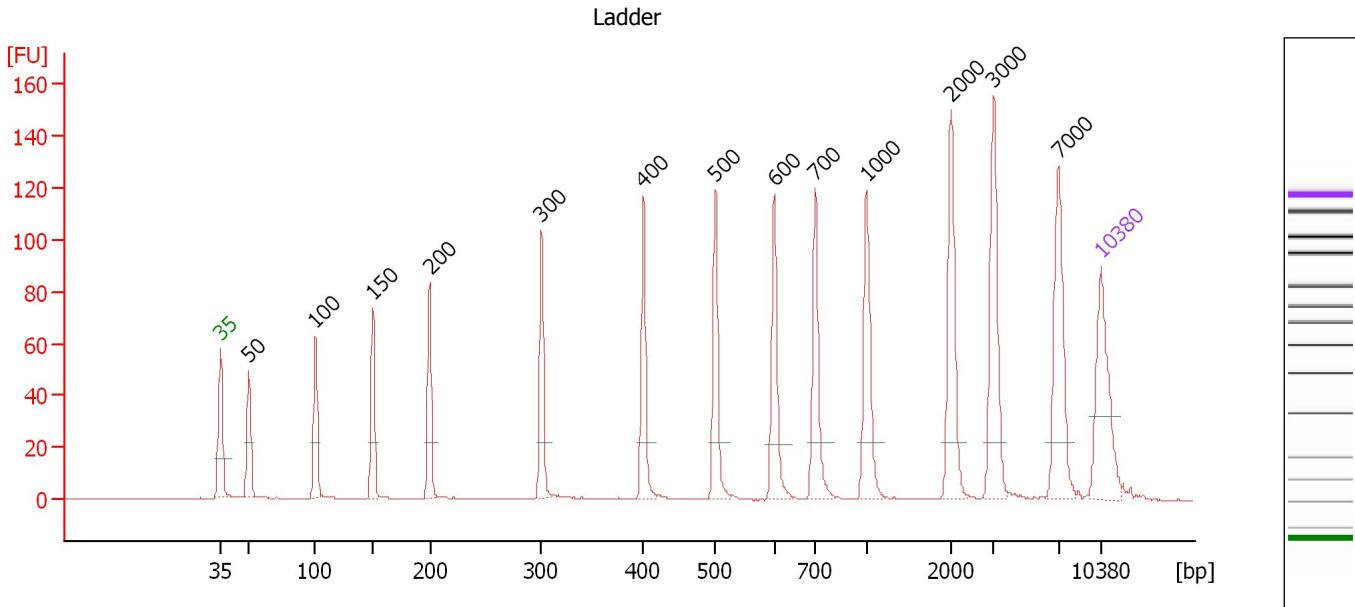
**Ladder**

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:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

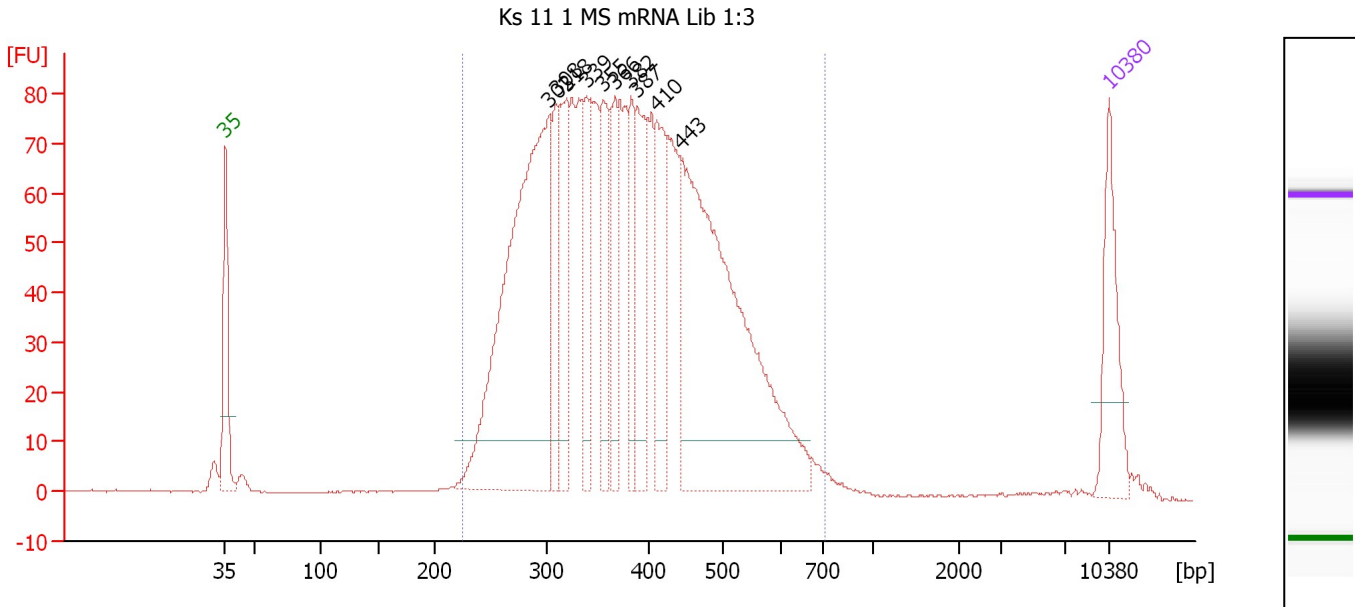
**Peak table for Ladder**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.25	50	150.00	4,545.5	Ladder Peak
3	50.55	100	150.00	2,272.7	Ladder Peak
4	55.13	150	150.00	1,515.2	Ladder Peak
5	59.62	200	150.00	1,136.4	Ladder Peak
6	68.52	300	150.00	757.6	Ladder Peak
7	76.62	400	150.00	568.2	Ladder Peak
8	82.35	500	150.00	454.5	Ladder Peak
9	87.01	600	150.00	378.8	Ladder Peak
10	90.27	700	150.00	324.7	Ladder Peak
11	94.34	1,000	150.00	227.3	Ladder Peak
12	101.09	2,000	150.00	113.6	Ladder Peak
13	104.48	3,000	150.00	75.8	Ladder Peak
14	109.61	7,000	150.00	32.5	Ladder Peak
15	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 1 : Ks 11 1 MS mRNA Lib 1:3**

Height Threshold [FU] : 10

**Overall Results for sample 1 : Ks 11 1 MS mRNA Lib 1:3**

Number of peaks found: 10                      Corr. Area 1: 2,076.3  
 Noise: 0.1

**Peak table for sample 1 : Ks 11 1 MS mRNA Lib 1:3**

Pea k	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	68.68	302	627.53	3,148.5	
3	69.19	308	101.35	498.2	
4	69.99	318	127.46	607.0	
5	71.64	339	96.74	433.0	
6	72.95	355	97.86	418.1	
7	73.88	366	77.65	321.3	
8	75.15	382	74.47	295.5	
9	75.57	387	133.01	520.7	
10	77.18	410	123.08	455.2	
11	79.08	443	588.31	2,012.6	
12	113.00	10,380	75.00	10.9	Upper Marker

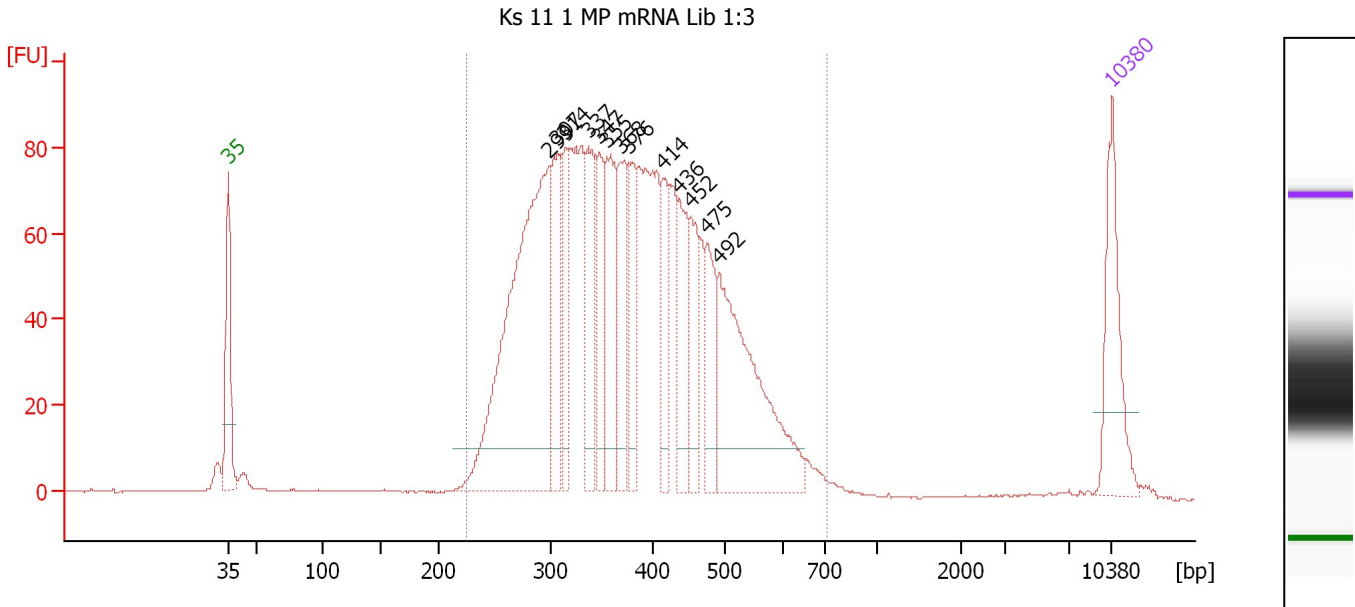
**Region table for sample 1 : Ks 11 1 MS mRNA Lib 1:3**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Co lor
225	714	387	11,457.3	2,700.53	2,076.3	97	24.1	■

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 2 : Ks 11 1 MP mRNA Lib 1:3**

Height Threshold [FU] : 10

**Overall Results for sample 2 : Ks 11 1 MP mRNA Lib 1:3**

Number of peaks found: 13                      Corr. Area 1: 2,049.0  
 Noise: 0.2

**Peak table for sample 2 : Ks 11 1 MP mRNA Lib 1:3**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	68.46	299	500.47	2,533.8	
3	69.09	307	116.45	574.7	
4	69.64	314	76.17	367.8	
5	71.54	337	104.70	470.4	
6	72.34	347	74.21	323.9	
7	73.02	355	118.08	503.3	
8	74.03	368	94.13	387.6	
9	74.71	376	82.37	331.6	
10	77.45	414	68.95	252.0	
11	78.68	436	80.80	280.9	
12	79.60	452	68.20	228.6	
13	80.91	475	71.11	226.8	
14	81.88	492	246.83	760.2	
15	113.00	10,380	75.00	10.9	Upper Marker

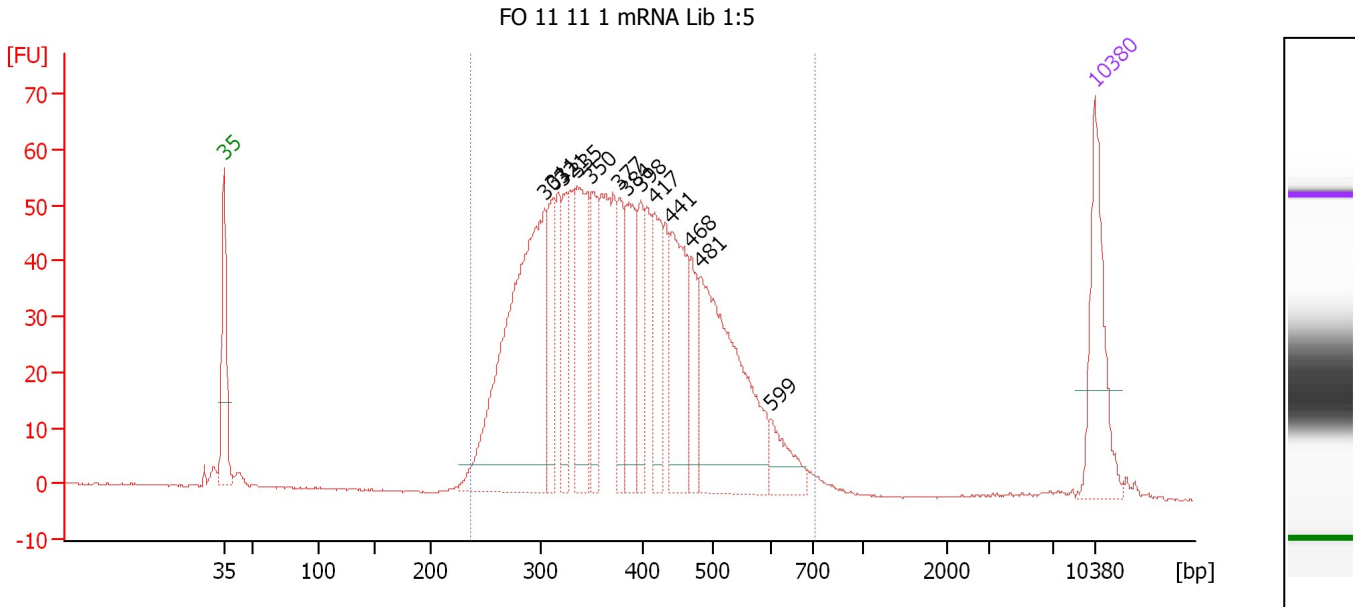
**Region table for sample 2 : Ks 11 1 MP mRNA Lib 1:3**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
226	709	385	9,677.9	2,275.38	2,049.0	96	23.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : FO 11 11 1 mRNA Lib 1:5**

Number of peaks found: 13                      Corr. Area 1: 1,355.9  
 Noise: 0.2

**Peak table for sample 3 : FO 11 11 1 mRNA Lib 1:5**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	68.74	303	407.11	2,038.4	
3	69.42	311	77.32	376.6	
4	70.24	321	67.74	319.6	
5	71.39	335	132.41	598.1	
6	72.55	350	67.87	294.0	
7	74.78	377	58.05	233.1	
8	75.34	384	88.46	348.9	
9	76.50	398	50.60	192.4	
10	77.61	417	73.49	266.8	
11	78.99	441	117.66	404.0	
12	80.53	468	49.11	158.9	
13	81.26	481	244.17	769.1	
14	86.96	599	35.60	90.0	
15	113.00	10,380	75.00	10.9	Upper Marker

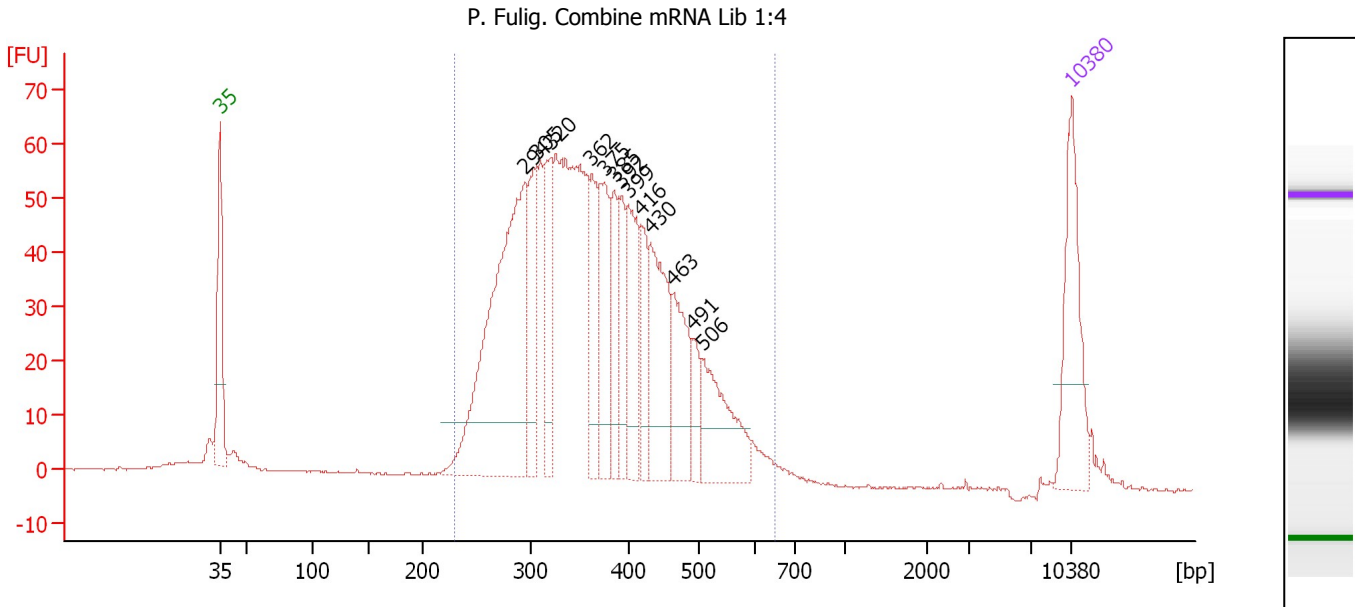
**Region table for sample 3 : FO 11 11 1 mRNA Lib 1:5**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
236	723	392	7,708.5	1,848.05	1,355.9	98	23.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 4 : P. Fulig. Combine mRNA Lib 1:4**

Height Threshold [FU] : 10

**Overall Results for sample 4 : P. Fulig. Combine mRNA Lib 1:4**

Number of peaks found: 13                      Corr. Area 1: 1,329.3  
 Noise: 0.2

**Peak table for sample 4 : P. Fulig. Combine mRNA Lib 1:4**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	68.01	294	370.89	1,909.8	
3	68.93	305	92.59	459.9	
4	70.12	320	88.32	418.6	
5	73.53	362	70.84	296.6	
6	74.58	375	87.16	352.3	
7	75.37	385	52.90	208.4	
8	75.98	392	47.43	183.3	
9	76.51	399	88.87	337.8	
10	77.56	416	50.04	182.1	
11	78.35	430	114.77	404.2	
12	80.23	463	75.68	247.6	
13	81.81	491	30.74	94.9	
14	82.64	506	88.80	265.7	
15	113.00	10,380	75.00	10.9	Upper Marker

**Region table for sample 4 : P. Fulig. Combine mRNA Lib 1:4**

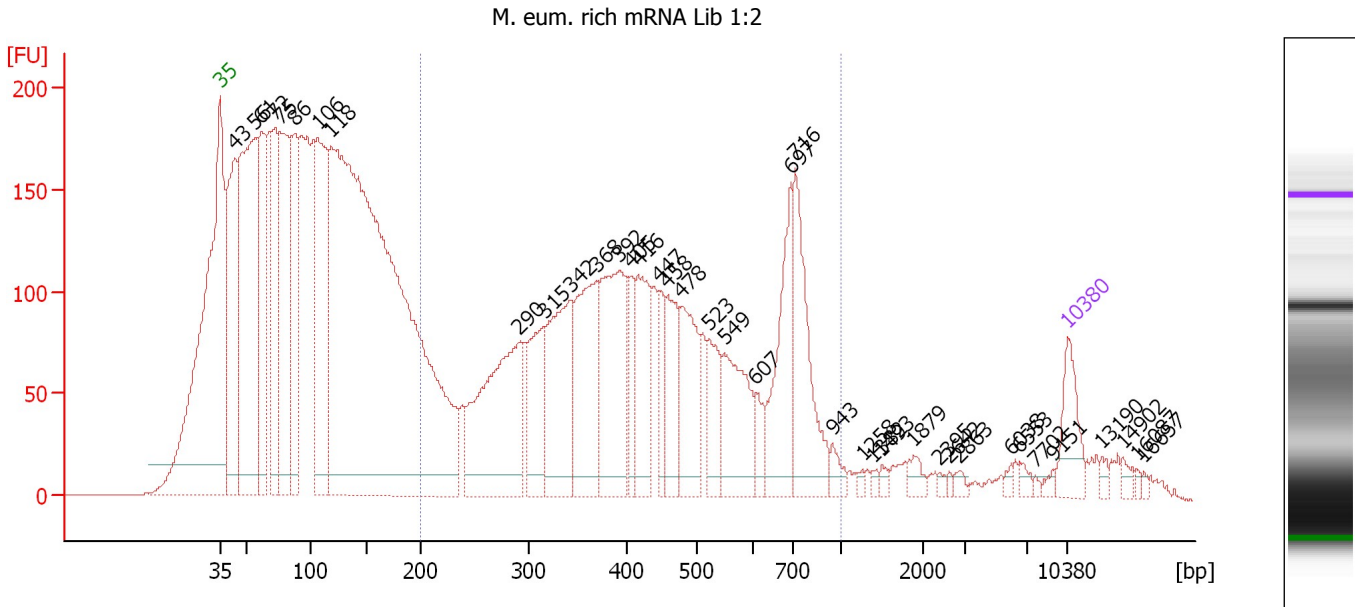
From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
230	647	371	7,279.5	1,672.32	1,329.3	94	22.0	Blue



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 5 : M. eum. rich mRNA Lib 1:2**

Height Threshold [FU] : 10

**Overall Results for sample 5 : M. eum. rich mRNA Lib 1:2**

Number of peaks found: 39                      Corr. Area 1: 3,678.9  
 Noise: 0.2

**Peak table for sample 5 : M. eum. rich mRNA Lib 1:2**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	44.19	43	566.21	19,978.9	
3	45.91	56	970.34	26,146.3	
4	46.39	61	419.36	10,450.1	
5	47.54	72	361.82	7,655.7	
6	47.93	75	558.66	11,233.9	
7	49.08	86	346.59	6,095.3	
8	51.11	106	576.40	8,231.0	
9	52.21	118	3,444.21	44,176.9	
10	67.67	290	517.12	2,698.0	
11	69.74	315	205.83	990.0	
12	71.94	342	331.49	1,467.6	
13	74.06	368	310.82	1,278.6	
14	76.00	392	354.47	1,369.2	
15	76.92	405	90.98	340.2	
16	77.54	416	190.35	693.3	
17	79.30	447	76.00	257.7	
18	79.96	458	144.23	476.8	
19	81.11	478	190.55	603.6	
20	83.40	523	108.25	313.9	
21	84.63	549	203.14	560.7	
22	87.23	607	41.66	104.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad


Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : M. eum. rich mRNA Lib 1:2**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
23	90.18	697	228.72	497.1	
24	90.49	716	257.29	544.6	
25	93.57	943	26.16	42.0	
26	96.08	1,258	7.68	9.3	
27	96.92	1,382	7.32	8.0	
28	97.67	1,493	9.91	10.1	
29	100.27	1,879	21.25	17.1	
30	102.43	2,395	6.02	3.8	
31	103.26	2,642	4.83	2.8	
32	104.01	2,863	9.91	5.2	
33	108.37	6,038	7.44	1.9	
34	109.04	6,553	12.53	2.9	
35	110.31	7,702	4.19	0.8	
36	111.77	9,151	7.70	1.3	
37	113.00	10,380	75.00	10.9	Upper Marker
38	115.82	13,190	0.00	0.0	
39	117.54	14,902	0.00	0.0	
40	118.73	16,087	0.00	0.0	
41	119.30	16,657	0.00	0.0	

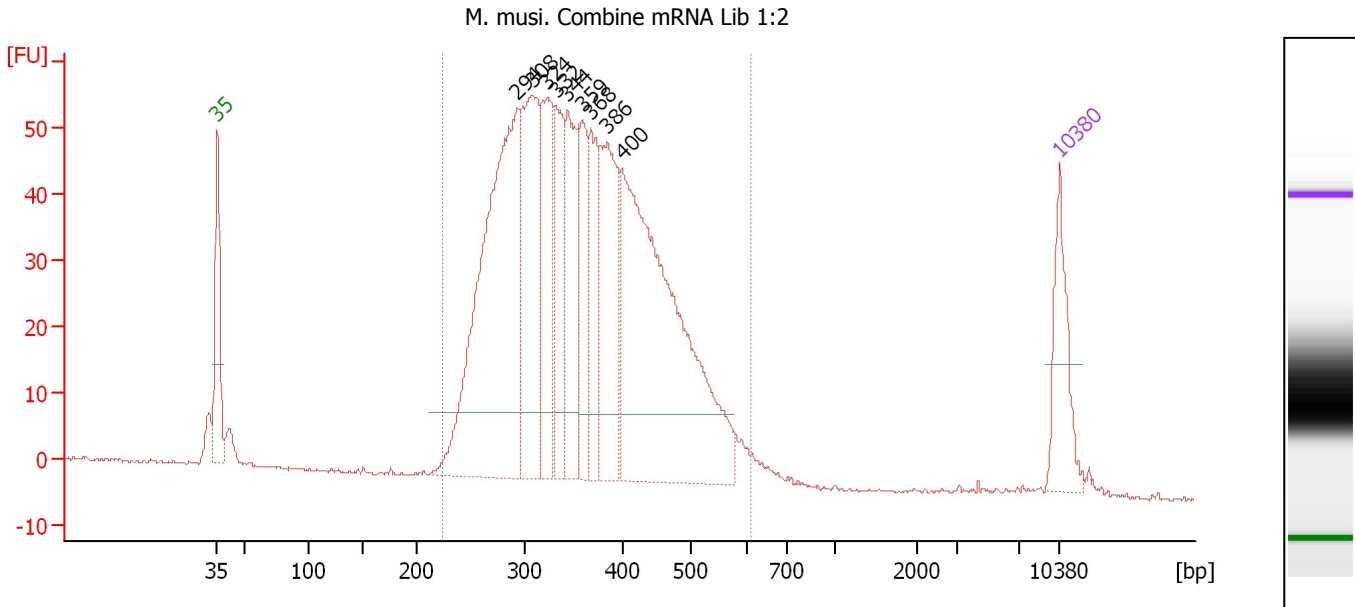
**Region table for sample 5 : M. eum. rich mRNA Lib 1:2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	447	16,250.7	3,950.48	3,678.9	40	37.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 6 : M. musci. Combine mRNA Lib 1:2**

Height Threshold [FU] : 10

**Overall Results for sample 6 : M. musci. Combine mRNA Lib 1:2**

Number of peaks found: 9                      Corr. Area 1: 1,273.2  
 Noise: 0.2

**Peak table for sample 6 : M. musci. Combine mRNA Lib 1:2**

Pea k	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	67.96	294	654.20	3,375.5	
3	69.20	308	292.59	1,437.7	
4	70.44	324	175.42	821.1	
5	71.15	332	152.77	696.3	
6	72.13	344	171.45	754.1	
7	73.32	359	124.31	524.3	
8	74.03	368	124.14	511.1	
9	75.45	386	205.89	809.2	
10	76.65	400	642.12	2,429.5	
11	113.00	10,380	75.00	10.9	Upper Marker

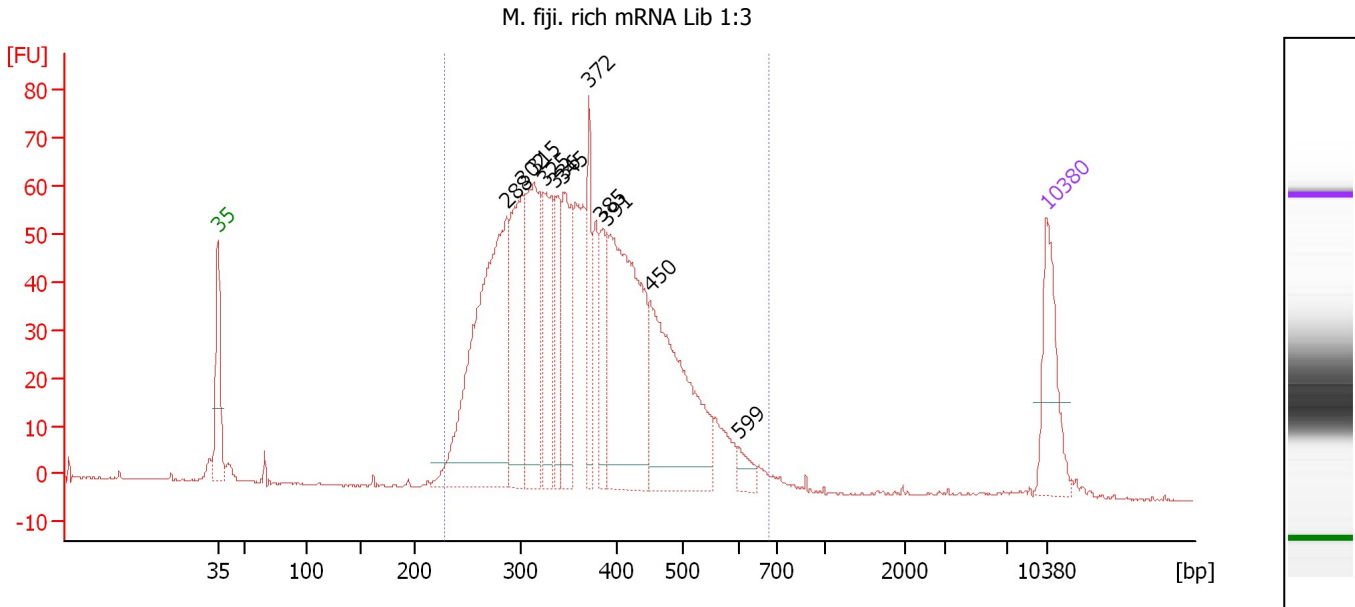
**Region table for sample 6 : M. musci. Combine mRNA Lib 1:2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
223	613	364	11,385.7	2,568.00	1,273.2	97	21.6	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : M. fiji. rich mRNA Lib 1:3**

Number of peaks found: 11      Corr. Area 1: 1,420.6  
 Noise: 0.2

**Peak table for sample 7 : M. fiji. rich mRNA Lib 1:3**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	67.41	288	477.00	2,513.5	
3	68.72	302	193.82	971.0	
4	69.71	315	184.26	887.2	
5	70.52	325	104.76	488.9	
6	71.47	336	82.08	369.8	
7	72.19	345	128.78	565.1	
8	74.35	372	86.66	353.0	
9	75.39	385	64.97	255.9	
10	75.93	391	338.03	1,308.4	
11	79.49	450	274.14	922.9	
12	86.96	599	17.75	44.9	
13	113.00	10,380	75.00	10.9	Upper Marker

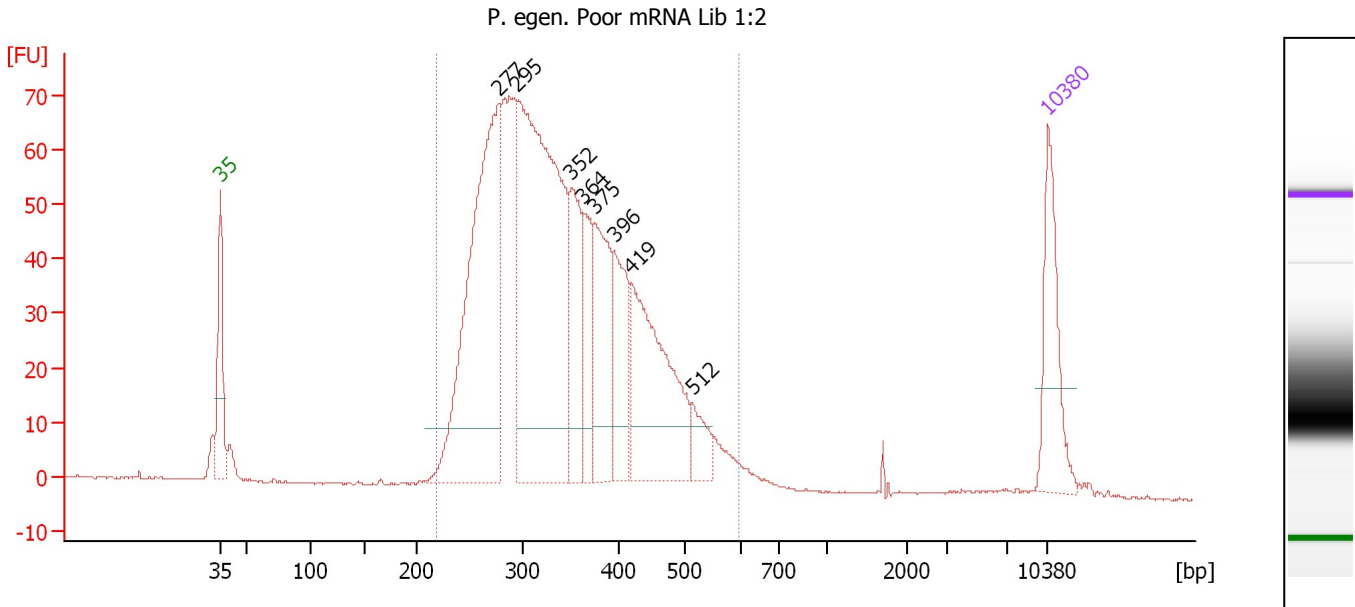
**Region table for sample 7 : M. fiji. rich mRNA Lib 1:3**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
228	675	370	10,017.4	2,282.98	1,420.6	97	23.1	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

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**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 8 : P. egen. Poor mRNA Lib 1:2**

Height Threshold [FU] : 10

**Overall Results for sample 8 : P. egen. Poor mRNA Lib 1:2**

Number of peaks found: 8                      Corr. Area 1: 1,414.4  
 Noise: 0.1

**Peak table for sample 8 : P. egen. Poor mRNA Lib 1:2**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	66.51	277	487.42	2,662.1	
3	68.09	295	612.90	3,146.1	
4	72.70	352	115.90	499.5	
5	73.69	364	79.73	332.1	
6	74.64	375	136.73	551.7	
7	76.31	396	105.13	402.1	
8	77.71	419	223.45	808.1	
9	82.90	512	33.75	99.9	
10	113.00	10,380	75.00	10.9	Upper Marker

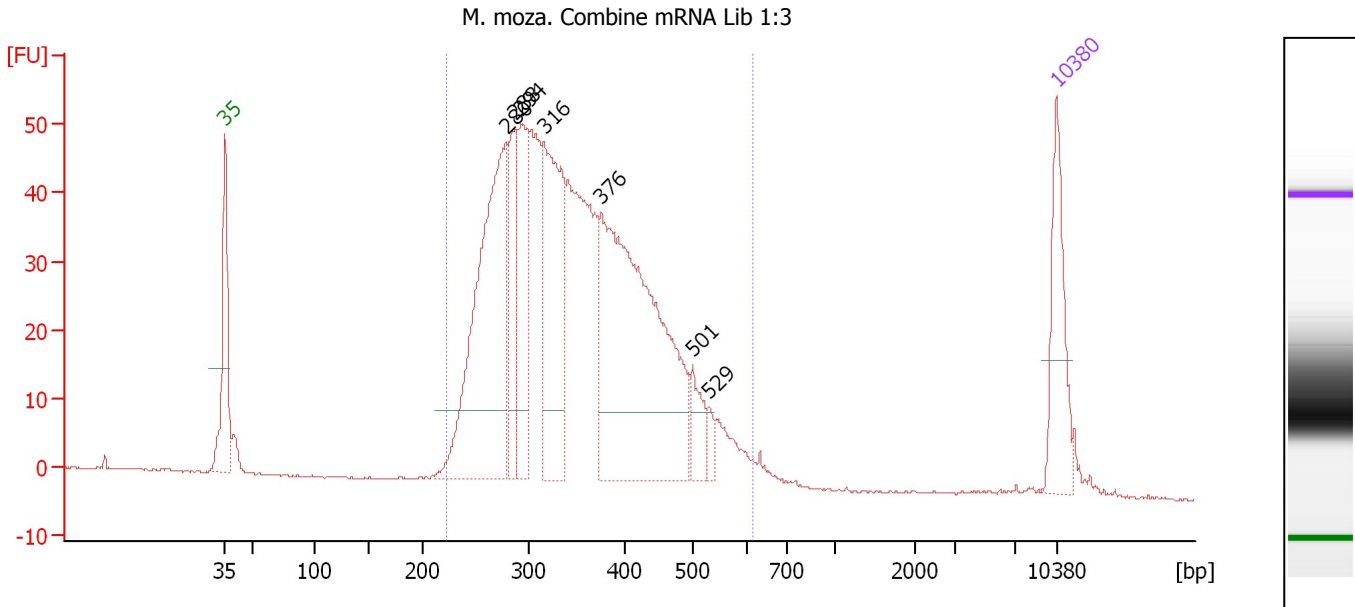
**Region table for sample 8 : P. egen. Poor mRNA Lib 1:2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
219	597	347	9,550.3	2,051.06	1,414.4	96	22.1	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
 Modified: 12/12/2013 10:42:52 AM

**Electropherogram Summary Continued ...**



**Setpoint Deviations for sample 9 : M. moza. Combine mRNA Lib 1:3**

Height Threshold [FU] : 10

**Overall Results for sample 9 : M. moza. Combine mRNA Lib 1:3**

Number of peaks found: 7                      Corr. Area 1: 1,066.7  
 Noise: 0.2

**Peak table for sample 9 : M. moza. Combine mRNA Lib 1:3**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	66.71	280	426.71	2,312.3	
3	67.43	288	100.71	530.5	
4	67.96	294	141.48	729.8	
5	69.85	316	253.35	1,213.3	
6	74.70	376	514.90	2,073.4	
7	82.38	501	40.09	121.3	
8	83.68	529	12.73	36.5	
9	113.00	10,380	75.00	10.9	Upper Marker

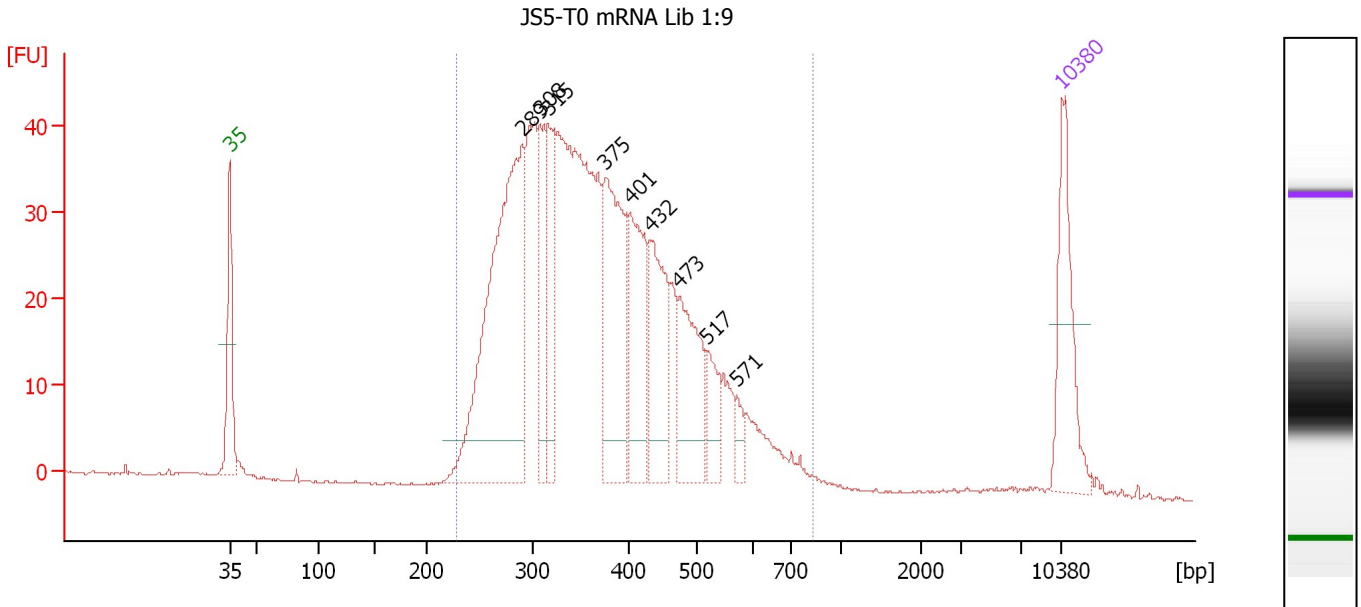
**Region table for sample 9 : M. moza. Combine mRNA Lib 1:3**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
222	616	355	9,107.7	1,994.80	1,066.7	97	22.5	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : JS5-T0 mRNA Lib 1:9**

Number of peaks found: 9                      Corr. Area 1: 934.0  
 Noise: 0.1

**Peak table for sample 10 : JS5-T0 mRNA Lib 1:9**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	67.57	289	426.33	2,232.6	
3	69.14	308	93.58	460.9	
4	69.77	315	80.07	384.6	
5	74.61	375	176.82	714.0	
6	76.68	401	118.30	447.0	
7	78.47	432	112.55	394.5	
8	80.80	473	106.52	341.2	
9	83.13	517	38.72	113.5	
10	85.65	571	13.92	37.0	
11	113.00	10,380	75.00	10.9	Upper Marker

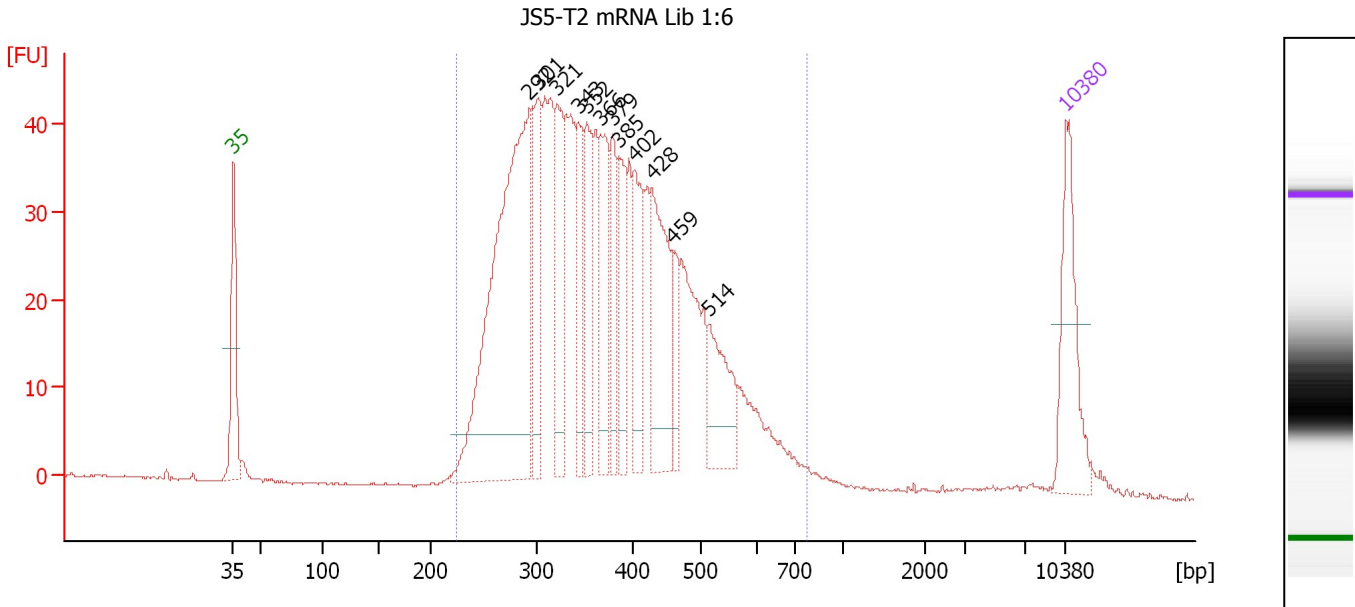
**Region table for sample 10 : JS5-T0 mRNA Lib 1:9**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
227	837	379	8,450.9	1,941.74	934.0	97	26.0	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : JS5-T2 mRNA Lib 1:6**

Number of peaks found: 12                      Corr. Area 1: 1,011.1  
 Noise: 0.1

**Peak table for sample 11 : JS5-T2 mRNA Lib 1:6**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	67.84	292	498.59	2,584.0	
3	68.61	301	107.40	540.6	
4	70.22	321	106.13	501.0	
5	71.97	343	69.48	307.3	
6	72.73	352	82.70	356.0	
7	73.85	366	92.40	382.7	
8	74.93	379	64.49	257.7	
9	75.42	385	64.93	255.4	
10	76.72	402	78.23	295.0	
11	78.20	428	130.58	462.7	
12	80.00	459	35.76	118.1	
13	83.00	514	78.44	231.2	
14	113.00	10,380	75.00	10.9	Upper Marker

**Region table for sample 11 : JS5-T2 mRNA Lib 1:6**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
224	770	378	9,358.3	2,152.66	1,011.1	99	25.0	Blue



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-11\2013-12-11\_005.xad

Created: 12/11/2013 3:51:43 PM  
Modified: 12/12/2013 10:42:52 AM

**Gel Image**

