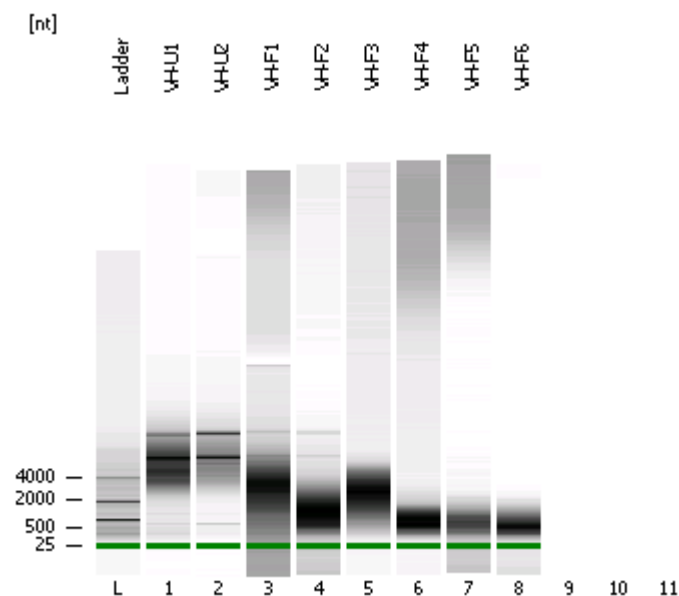


Assay Class: mRNA Pico
Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

Created: 04/29/2011 2:38:37 PM
Modified: 04/29/2011 2:59:35 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE24802282 Firmware: C.01.069
Serial#: DE24802282 Type: G2938B

Assay Information:

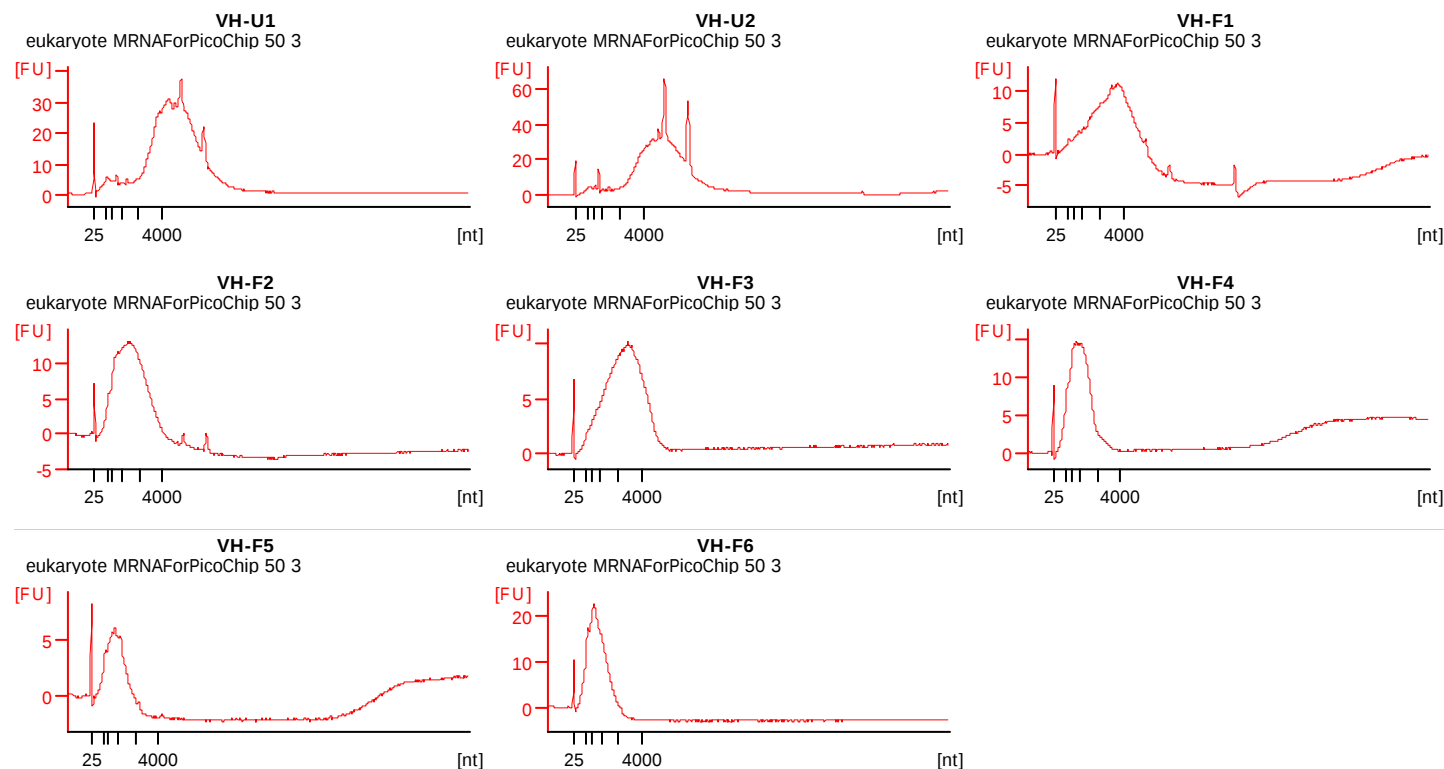
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

Assay Class: mRNA Pico
Version: 2.5
Assay Comments: mRNA Analysis pg sensitivity

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Chip Information:

Chip Lot #: nk16bk04
Reagent Kit Lot #: set b
Chip Comments: Vicky Hollenbeck Ruth Martin 738-4136
hollenbv@onid.orst.edu null Lolium (grass) leaf/stem,...



Assay Class: mRNA Pico
Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

Created: 04/29/2011 2:38:37 PM
Modified: 04/29/2011 2:59:35 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
VH-U1	eukaryote MRNAForPicoChip 50 3			
VH-U2	eukaryote MRNAForPicoChip 50 3			
VH-F1	eukaryote MRNAForPicoChip 50 3			
VH-F2	eukaryote MRNAForPicoChip 50 3			
VH-F3	eukaryote MRNAForPicoChip 50 3			
VH-F4	eukaryote MRNAForPicoChip 50 3			
VH-F5	eukaryote MRNAForPicoChip 50 3			
VH-F6	eukaryote MRNAForPicoChip 50 3			

Chip Lot #

nk16bk04

Reagent Kit Lot #

set b

Chip Comments :

Vicky Hollenbeck Ruth Martin 738-4136 hollenbv@onid.orst.edu null Lolium (grass) leaf/stem,,,,

Assay Class: mRNA Pico
Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

Created: 04/29/2011 2:38:37 PM
Modified: 04/29/2011 2:59:35 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 14

Maximum Visible Range [s] : 85

Start Analysis Time Range [s] : 15

End Analysis Time Range [s] : 84

Ladder Concentration [pg/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

Upper Marker Concentration [pg/ μ l] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 15

Integration End Time [s] : 84

Slope Threshold : 0.2

Height Threshold [FU] : 0.5

Area Threshold : 0.1

Width Threshold [s] : 0.2

Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

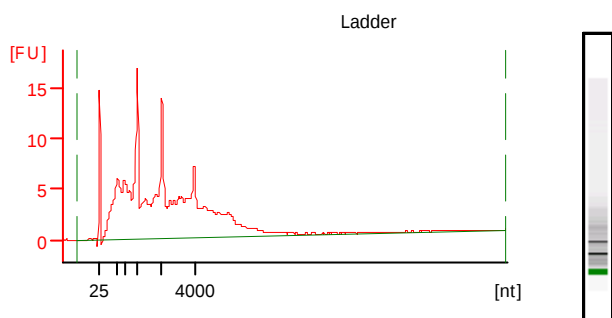
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: mRNA Pico
 Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

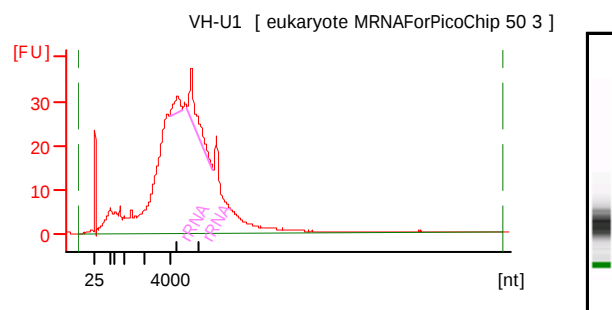
Created: 04/29/2011 2:38:37 PM
 Modified: 04/29/2011 2:59:35 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 258.5
 RNA Concentration: 1,000 pg/μl

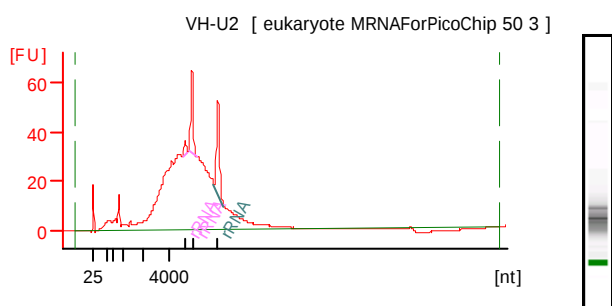


Overall Results for sample 1 : VH-U1

RNA Area: 1,029.6
 RNA Concentration: 3,983 pg/μl
 rRNA Contamination: 5.1 %

Fragment table for sample 1 : VH-U1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	3,960	4,969	12.7	1.2
rRNA	5,339	7,383	40.1	3.9

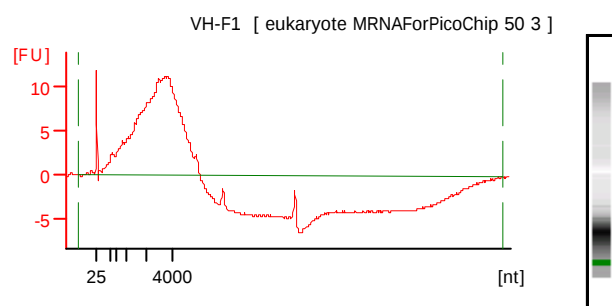


Overall Results for sample 2 : VH-U2

RNA Area: 1,080.1
 RNA Concentration: 4,179 pg/μl
 rRNA Contamination: 9.6 %

Fragment table for sample 2 : VH-U2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	5,049	5,413	5.6	0.5
rRNA	5,462	6,094	46.1	4.3
rRNA	7,479	8,232	51.5	4.8

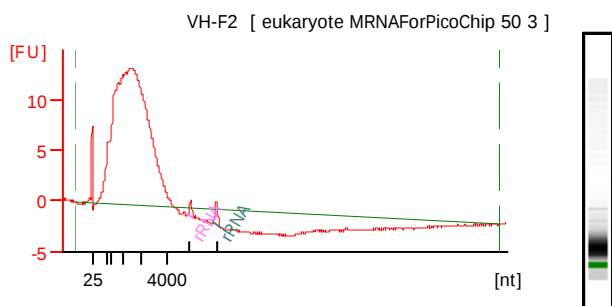


Overall Results for sample 3 : VH-F1

RNA Area: 327.5
 RNA Concentration: 1,267 pg/μl
 rRNA Contamination: 0.0 %

Assay Class: mRNA Pico
Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

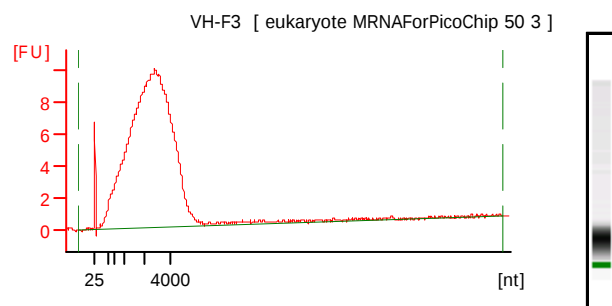
Created: 04/29/2011 2:38:37 PM
Modified: 04/29/2011 2:59:35 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : VH-F2**

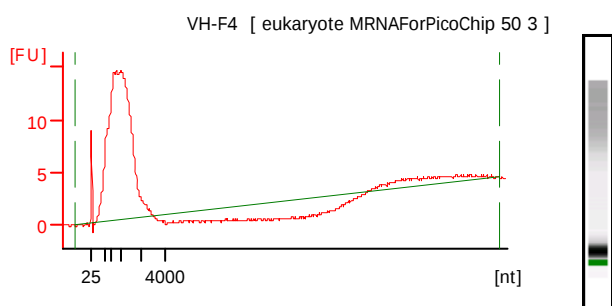
RNA Area: 363.1
RNA Concentration: 1,405 pg/μl
rRNA Contamination: 1.4 %

Fragment table for sample 4 : VH-F2

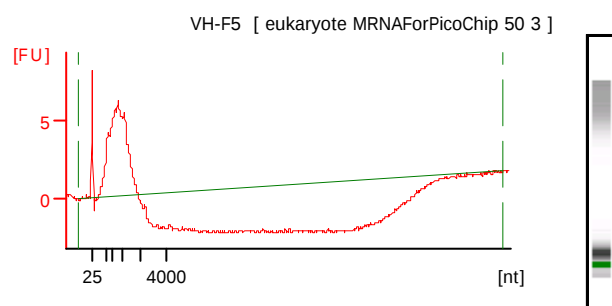
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	5,614	6,105	2.0	0.5
rRNA	7,653	8,267	3.1	0.9

**Overall Results for sample 5 : VH-F3**

RNA Area: 304.0
RNA Concentration: 1,176 pg/μl
rRNA Contamination: 0.0 %

**Overall Results for sample 6 : VH-F4**

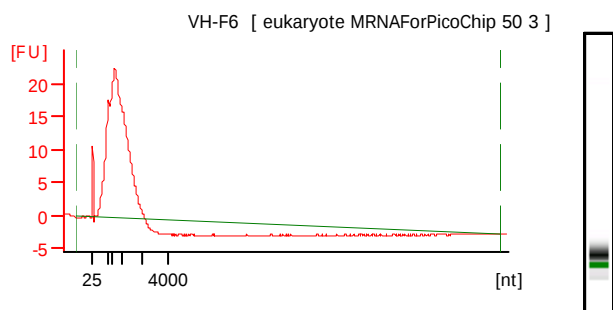
RNA Area: 285.9
RNA Concentration: 1,106 pg/μl
rRNA Contamination: 0.0 %

**Overall Results for sample 7 : VH-F5**

RNA Area: 91.7
RNA Concentration: 355 pg/μl
rRNA Contamination: 0.0 %

Assay Class: mRNA Pico
Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

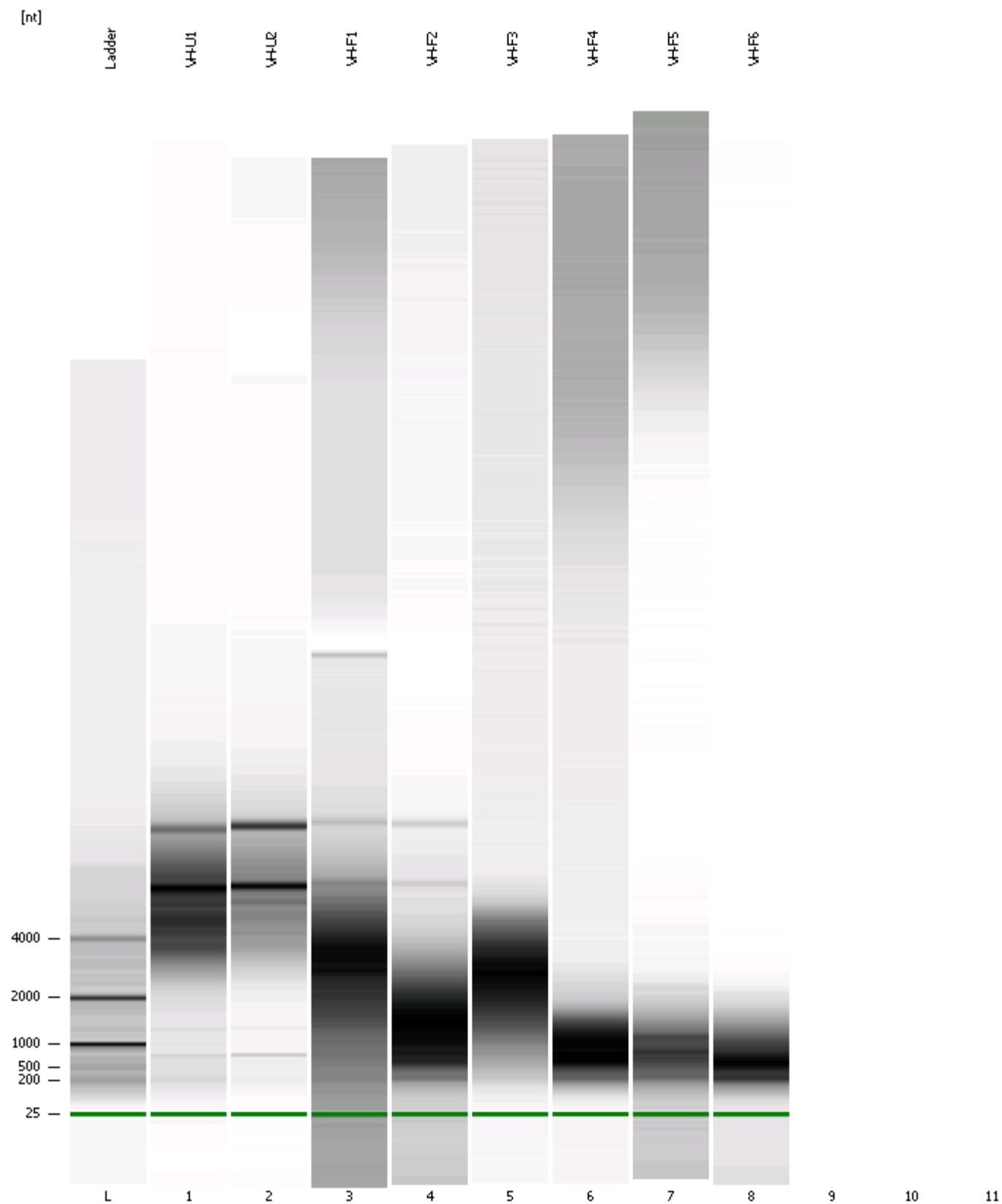
Created: 04/29/2011 2:38:37 PM
Modified: 04/29/2011 2:59:35 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : VH-F6**

RNA Area: 354.2
RNA Concentration: 1,370 pg/ μ l
rRNA Contamination: 0.0 %

Assay Class: mRNA Pico
Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

Created: 04/29/2011 2:38:37 PM
Modified: 04/29/2011 2:59:35 PM

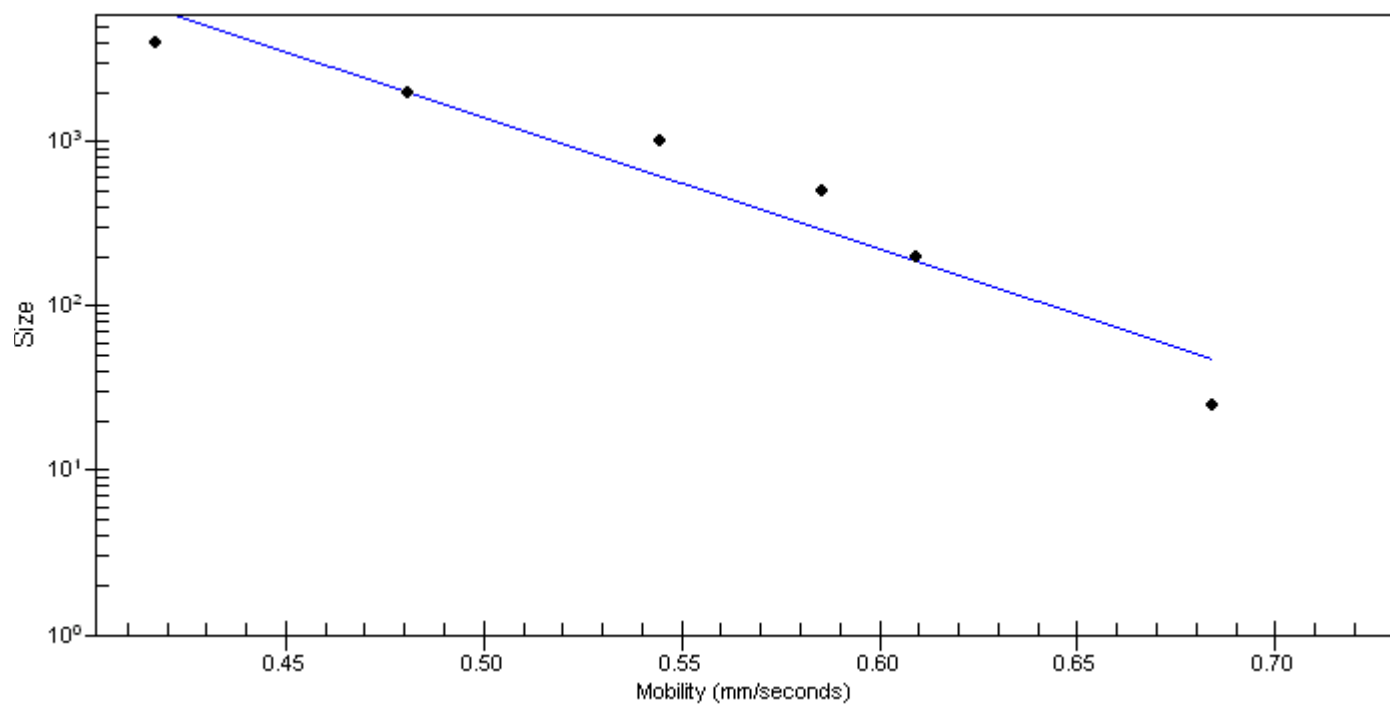
Gel Image

Assay Class: mRNA Pico
Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

Created: 04/29/2011 2:38:37 PM
Modified: 04/29/2011 2:59:35 PM

Curves

Standard Curve



Assay Class: mRNA Pico
Data Path: C:\...rt\Data\2011-04-29\P1354 Hollenbeck 2011-04-29 14-38-37.xad

Created: 04/29/2011 2:38:37 PM
Modified: 04/29/2011 2:59:35 PM

Invalid Samples

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.