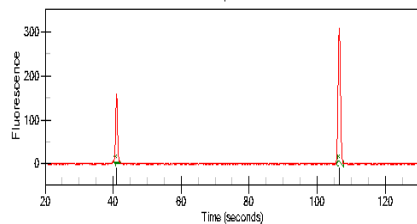
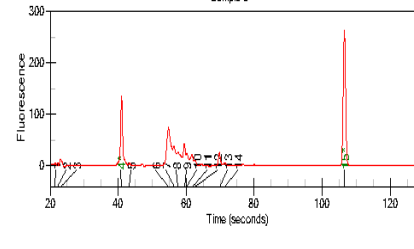
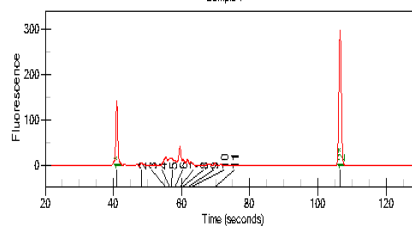
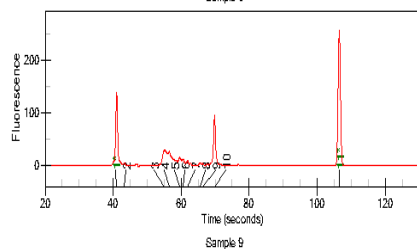
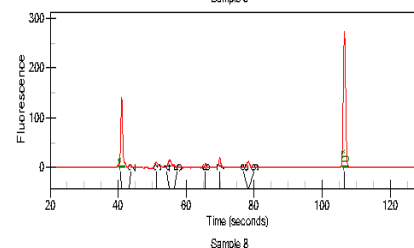
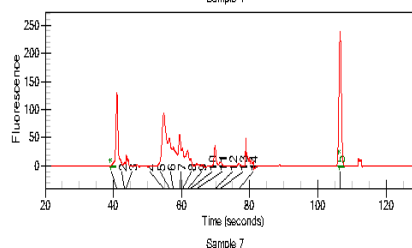
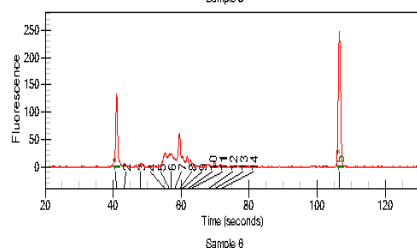
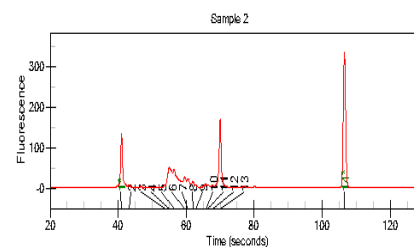
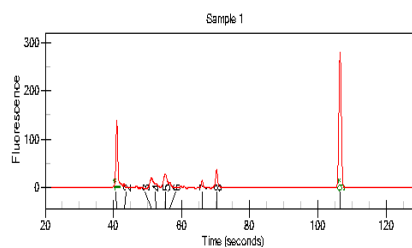
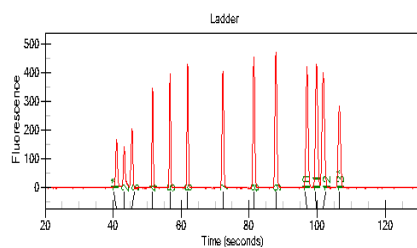
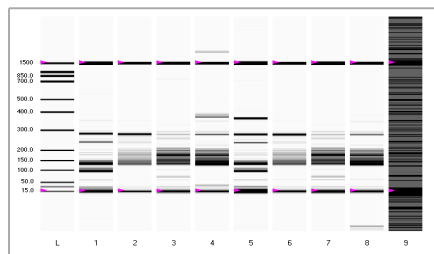


Run Overview Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

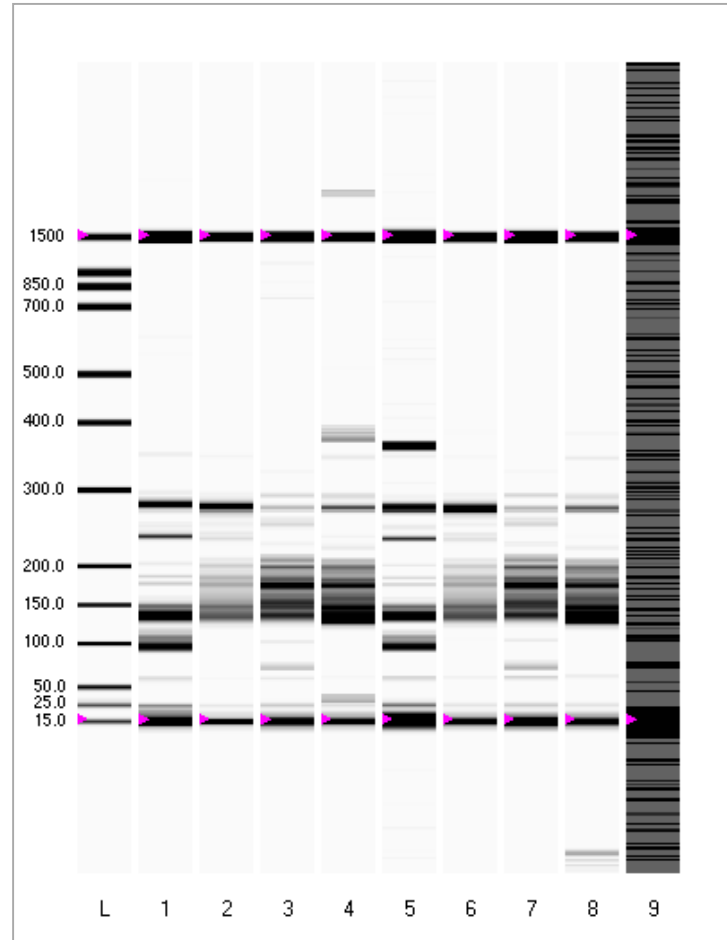


Virtual Gel Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A



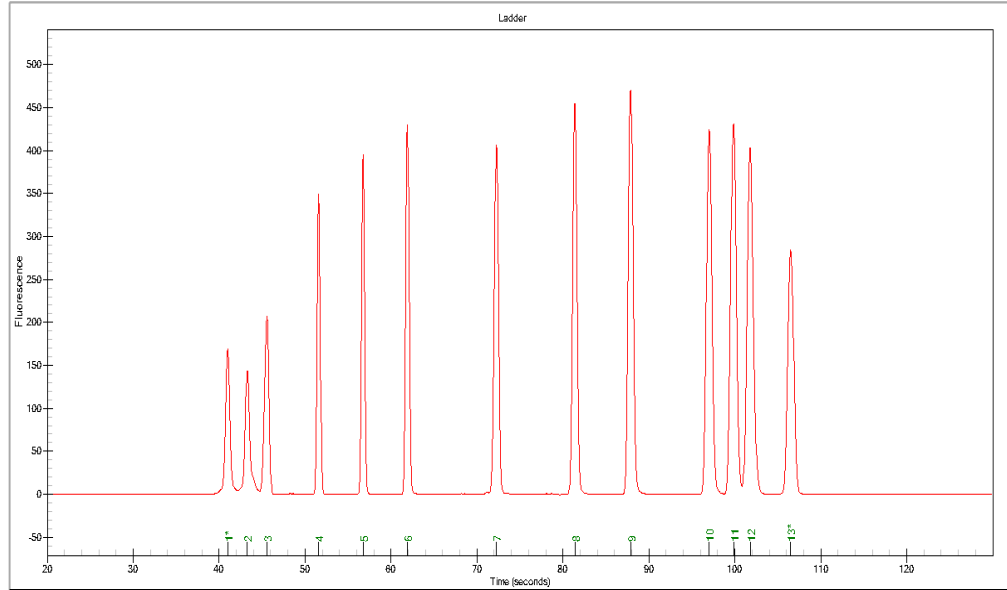
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# Ladder



L

Well# Ladder

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	262.64					Ladder Peak Lower Marker	
	2	43.25	25	221.39					Ladder Peak	
	3	45.60	50	281.96					Ladder Peak	
	4	51.60	100	285.22					Ladder Peak	
	5	56.75	150	301.46					Ladder Peak	
	6	61.90	200	320.83					Ladder Peak	
	7	72.25	300	323.48					Ladder Peak	
	8	81.40	400	342.14					Ladder Peak	
	9	87.90	500	357.42					Ladder Peak	
	10	97.00	700	329.90					Ladder Peak	
	11	99.85	850	338.56					Ladder Peak	

Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# Ladder										
Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
L	12	101.80	1,000	337.96					Ladder Peak	
	13	106.50	1,500	219.73					Ladder Peak Upper Marker	

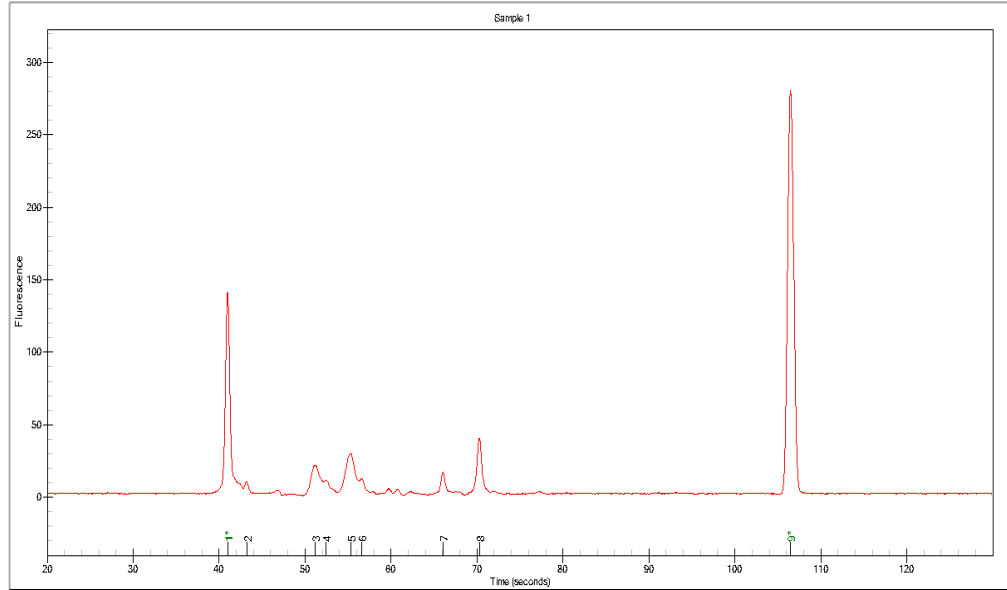
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 1 Sample 1



1

Well# 1 Sample 1

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/μl)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	223.69					Lower Marker	
	2	43.21	25	9.76	0.0449	0.18	10.90	6.60		
	3	51.18	97	44.24	0.2035	0.63	9.85	23.22		
	4	52.43	108	14.97	0.0688	0.21	2.95	7.78		
	5	55.29	136	63.65	0.2928	0.87	9.67	32.07		
	6	56.55	148	12.06	0.0555	0.16	1.66	6.00		
	7	66.03	240	13.28	0.0611	0.17	1.05	6.17		
	8	70.29	281	39.21	0.1804	0.49	2.65	18.16		
	9	106.50	1,500	217.41					Upper Marker	

Sample Peaks Found: 7
Total Concentration: 2.7 ng/μl
TotalMolarity: 38.7 nmol/l

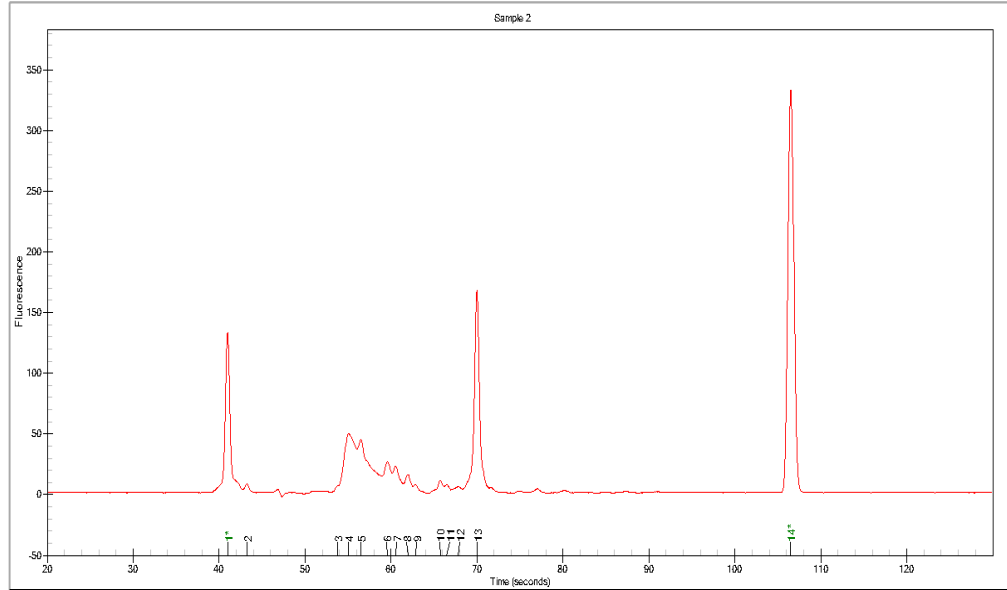
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 2 Sample 2



2

Well# 2 Sample 2

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	224.71					Lower Marker	
	2	43.21	25	8.73	0.0345	0.14	8.38	2.20		
	3	53.83	122	3.99	0.0158	0.05	0.59	0.76		
	4	55.03	133	126.97	0.5018	1.49	16.93	23.91		
	5	56.49	147	123.01	0.4861	1.42	14.61	22.81		
	6	59.59	178	39.19	0.1548	0.44	3.72	7.00		
	7	60.54	187	29.41	0.1162	0.32	2.62	5.19		
	8	62.00	201	16.81	0.0664	0.18	1.37	2.92		
	9	62.85	209	5.77	0.0228	0.06	0.45	1.00		
	10	65.76	237	8.60	0.0340	0.09	0.59	1.49		
	11	66.46	244	5.28	0.0209	0.06	0.35	0.91		

Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 2 Sample 2										
Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/μl)	Molarity (nmole/l)	% Total	Observation	Comments
	12	67.81	257	6.48	0.0256	0.07	0.41	1.12		
	13	70.02	278	177.61	0.7019	1.91	10.40	30.67		
	14	106.50	1,500	253.06					Upper Marker	

Sample Peaks Found: 12
Total Concentration: 6.2 ng/μl
TotalMolarity: 60.4 nmol/l

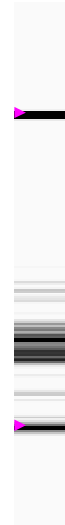
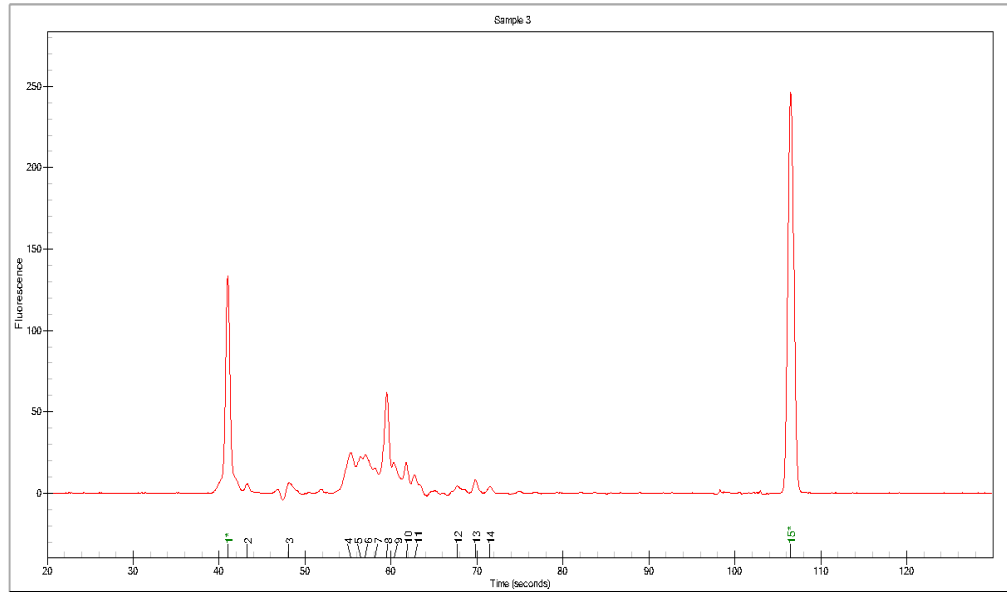
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 3 Sample 3



3

Well# 3 Sample 3

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	224.97					Lower Marker	
	2	43.23	25	7.56	0.0407	0.16	9.83	3.36		
	3	48.10	71	11.11	0.0598	0.19	3.97	3.85		
	4	55.35	136	54.57	0.2937	0.87	9.66	18.05		
	5	56.46	147	26.52	0.1428	0.42	4.30	8.67		
	6	57.02	153	40.03	0.2155	0.63	6.22	13.00		
	7	58.14	163	17.55	0.0945	0.27	2.51	5.62		
	8	59.50	177	78.14	0.4206	1.19	10.16	24.62		
	9	60.32	185	24.86	0.1338	0.37	3.07	7.76		
	10	61.79	199	18.96	0.1020	0.28	2.13	5.81		
	11	62.75	208	15.14	0.0815	0.22	1.62	4.63		

Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 3 Sample 3										
Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	12	67.72	256	4.60	0.0248	0.07	0.40	1.40		
	13	69.80	276	7.17	0.0386	0.11	0.58	2.18		
	14	71.52	293	3.47	0.0187	0.05	0.26	1.05		
	15	106.50	1,500	185.80					Upper Marker	

Sample Peaks Found: 13
Total Concentration: 4.8 ng/ul
TotalMolarity: 54.7 nmol/l

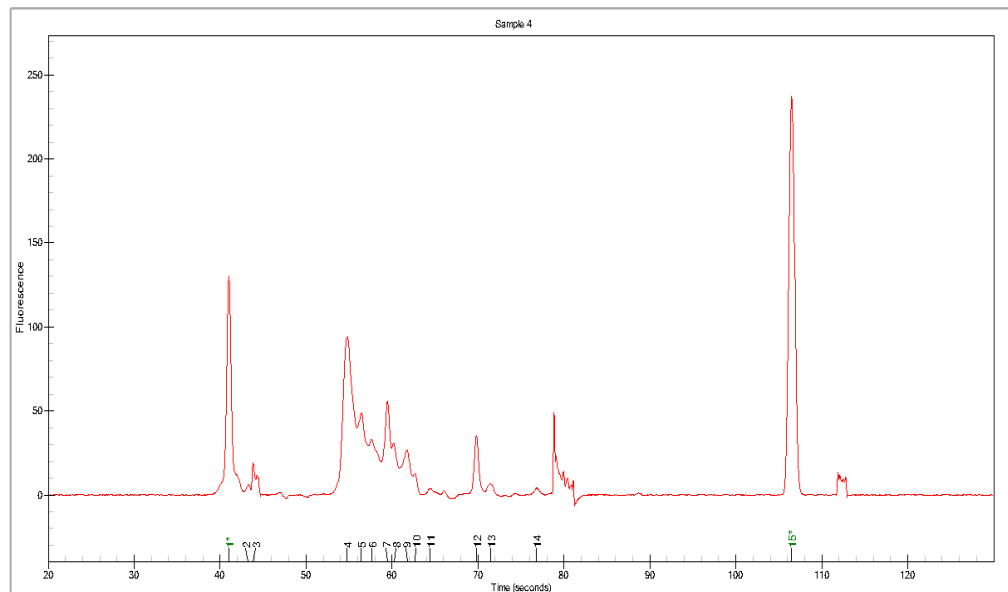
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 4 Sample 4



4

Well# 4 Sample 4

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	226.63					Lower Marker	
	2	43.26	25	7.10	0.0394	0.16	9.42	1.56		
	3	43.83	31	16.00	0.0888	0.33	16.07	3.30		
	4	54.78	131	226.57	1.2576	3.74	43.35	37.36		
	5	56.42	147	87.72	0.4869	1.42	14.70	14.22		
	6	57.61	158	67.89	0.3768	1.09	10.40	10.85		
	7	59.46	176	70.47	0.3912	1.10	9.48	11.01		
	8	60.23	184	33.29	0.1848	0.52	4.26	5.15		
	9	61.77	199	47.73	0.2649	0.73	5.54	7.25		
	10	62.64	207	11.66	0.0647	0.18	1.30	1.77		
	11	64.44	225	4.82	0.0268	0.07	0.49	0.73		

Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 4 Sample 4										
Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/μl)	Molarity (nmole/l)	% Total	Observation	Comments
	12	69.79	276	33.03	0.1833	0.50	2.74	4.98		
	13	71.44	292	7.99	0.0443	0.12	0.63	1.20		
	14	76.83	350	4.26	0.0236	0.06	0.27	0.62		
	15	106.50	1,500	180.17					Upper Marker	

Sample Peaks Found: 13
Total Concentration: 10.0 ng/μl
TotalMolarity: 118.6 nmol/l

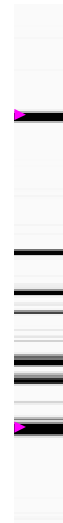
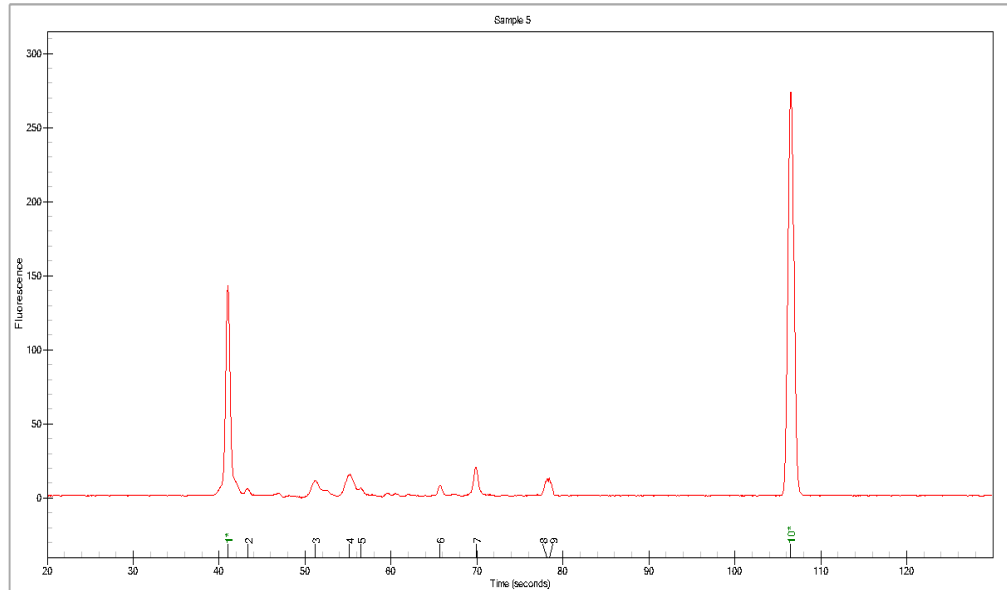
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 5 Sample 5



5

Well# 5 Sample 5

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/μl)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	230.02					Lower Marker	
	2	43.30	26	5.85	0.0283	0.11	6.63	8.04		
	3	51.19	97	20.24	0.0980	0.30	4.74	21.76		
	4	55.16	135	28.95	0.1401	0.42	4.68	29.92		
	5	56.46	147	5.60	0.0271	0.08	0.82	5.71		
	6	65.71	237	5.88	0.0285	0.08	0.50	5.60		
	7	69.88	277	18.30	0.0886	0.24	1.32	17.37		
	8	78.14	364	6.49	0.0314	0.08	0.34	5.93		
	9	78.40	367	6.22	0.0301	0.08	0.32	5.67		
	10	106.50	1,500	206.58					Upper Marker	

Sample Peaks Found: 8
Total Concentration: 1.4 ng/μl
TotalMolarity: 19.4 nmol/l

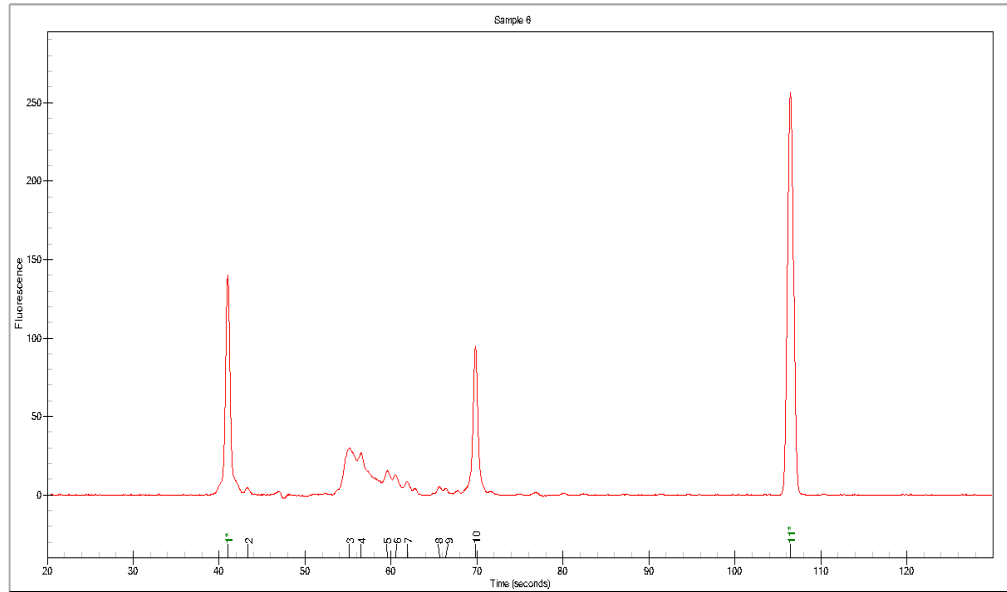
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 6 Sample 6



Well# 6 Sample 6

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	230.54					Lower Marker	
	2	43.31	26	6.09	0.0312	0.12	7.27	2.68		
	3	55.14	134	76.10	0.3903	1.16	13.05	25.23		
	4	56.51	148	74.06	0.3799	1.11	11.39	24.21		
	5	59.56	177	23.48	0.1204	0.34	2.90	7.40		
	6	60.50	186	16.49	0.0846	0.24	1.91	5.14		
	7	61.87	200	10.37	0.0532	0.15	1.11	3.18		
	8	65.65	236	4.61	0.0236	0.06	0.41	1.41		
	9	66.39	243	3.44	0.0177	0.05	0.30	1.05		
	10	69.81	276	97.60	0.5006	1.36	7.47	29.71		
	11	106.50	1,500	194.96					Upper Marker	

Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Sample Peaks Found: 9
Total Concentration: 4.6 ng/μl
TotalMolarity: 45.8 nmol/l

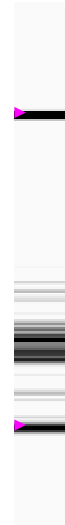
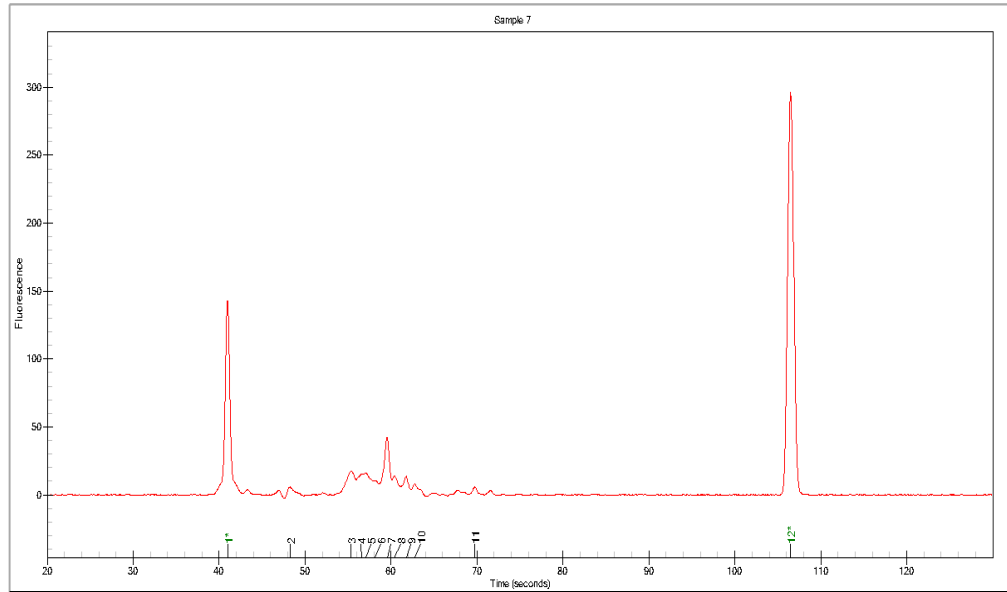
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 7 Sample 7



7

Well# 7 Sample 7

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	232.30					Lower Marker	
	2	48.24	72	9.82	0.0431	0.13	2.82	5.29		
	3	55.36	137	36.79	0.1617	0.48	5.31	18.91		
	4	56.54	148	15.05	0.0662	0.19	1.98	7.64		
	5	57.03	153	26.73	0.1175	0.34	3.39	13.49		
	6	58.15	164	11.10	0.0488	0.14	1.29	5.52		
	7	59.55	177	53.59	0.2355	0.66	5.68	26.23		
	8	60.40	185	16.48	0.0724	0.20	1.65	7.98		
	9	61.80	199	15.75	0.0692	0.19	1.45	7.50		
	10	62.76	208	10.71	0.0471	0.13	0.94	5.10		
	11	69.73	276	4.91	0.0216	0.06	0.32	2.32		

Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 7 Sample 7

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	12	106.50	1,500	227.54					Upper Marker	

Sample Peaks Found: 10
Total Concentration: 2.5 ng/ul
TotalMolarity: 24.8 nmol/l

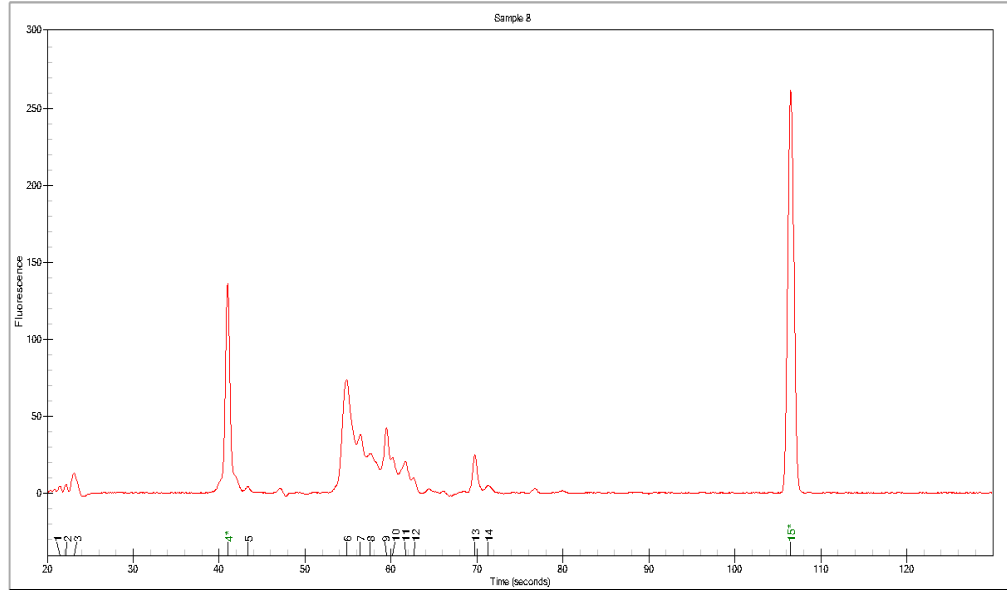
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 8 Sample 8



8

Well# 8 Sample 8

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	1	21.49	0	10.97						
	2	22.20	0	13.85						
	3	23.13	0	42.98						
	4	41.00	15	234.89					Lower Marker	
	5	43.34	26	8.94	0.0445	0.17	10.19	2.57		
	6	54.84	131	180.33	0.8976	2.67	30.78	39.33		
	7	56.42	147	61.88	0.3080	0.90	9.30	13.27		
	8	57.57	158	60.09	0.2991	0.86	8.28	12.71		
	9	59.47	176	53.28	0.2652	0.75	6.42	11.01		
	10	60.18	183	23.95	0.1192	0.33	2.75	4.91		
	11	61.71	198	36.81	0.1833	0.50	3.85	7.41		

Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 8 Sample 8										
Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/ul)	Molarity (nmole/l)	% Total	Observation	Comments
	12	62.63	207	10.39	0.0517	0.14	1.04	2.08		
	13	69.77	276	25.95	0.1292	0.35	1.93	5.18		
	14	71.30	291	7.58	0.0377	0.10	0.53	1.51		
	15	106.50	1,500	200.89					Upper Marker	

Sample Peaks Found: 10
Total Concentration: 6.8 ng/ul
TotalMolarity: 75.1 nmol/l

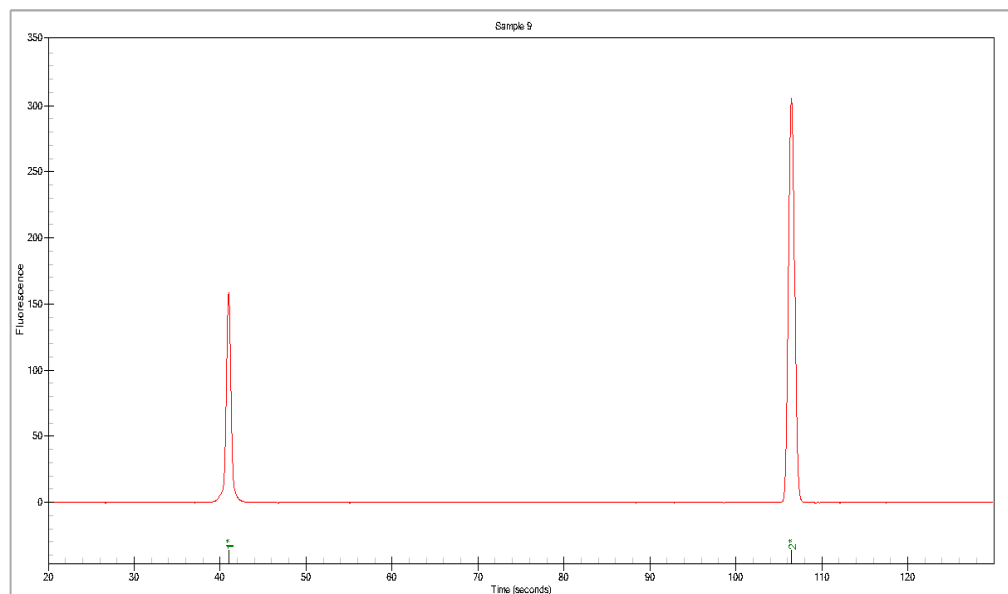
Egram, Gel Lane and Result Table Report

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Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Well# 9 Sample 9



9

Well# 9 Sample 9

Peak State	Peak Number	Mig. Time (secs)	Size (bp)	Corrected Area	Area Ratio	Concentration (ng/μl)	Molarity (nmole/l)	% Total	Observation	Comments
	1	41.00	15	248.32					Lower Marker	
	2	106.50	1,500	235.00					Upper Marker	

Sample Peaks Found: 0

Total Concentration: 0.0 ng/μl

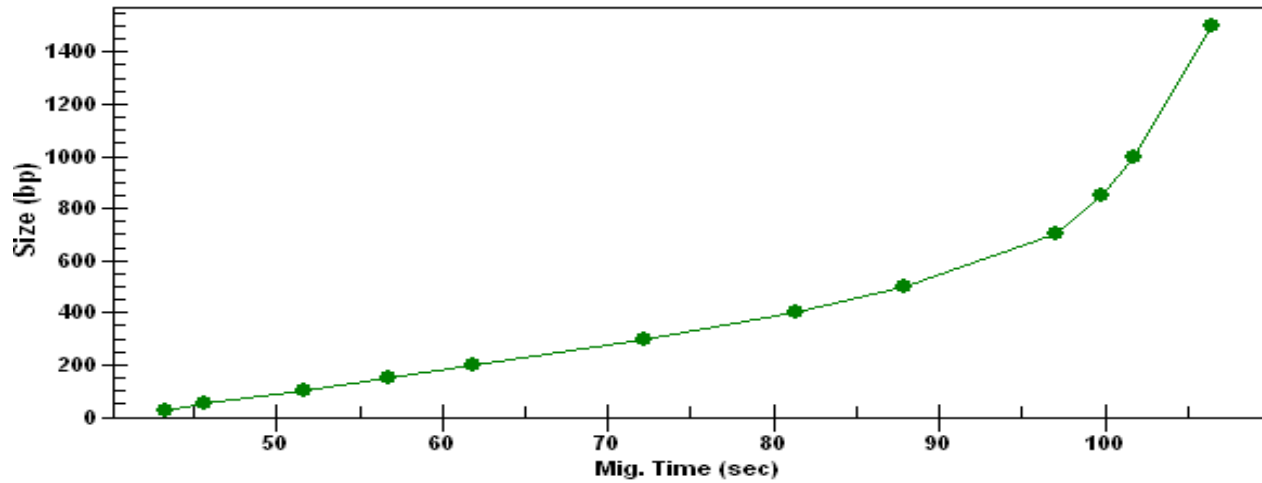
TotalMolarity: 0.0 nmol/l

Standard Curve Report

Project: Shahideh
Assay: DNA 1K
Run: second library
Run Version: N/A

Acq. Analyst: DefaultUser
Acq. Time: 3/15/2013 10:42:46 AM
Signature: N/A

Sizing Std. Curve
Point-to-Point Fit



Mig. Time (sec)	Size (bp)
43.25	25
45.60	50
51.60	100
56.75	150
61.90	200
72.25	300
81.40	400
87.90	500
97.00	700
99.85	850
101.80	1,000
106.50	1,500