

Printed: 10/29/2024 11:19:21 AM

Assay Class:

High Sensitivity DNA Assay C:\...t\Comparison\ComparisonFile3_High Sensitivity DNA Assay.xac Created: 10/29/2024 11:17:54 AM Modified: 10/29/2024 11:17:54 AM Comparison

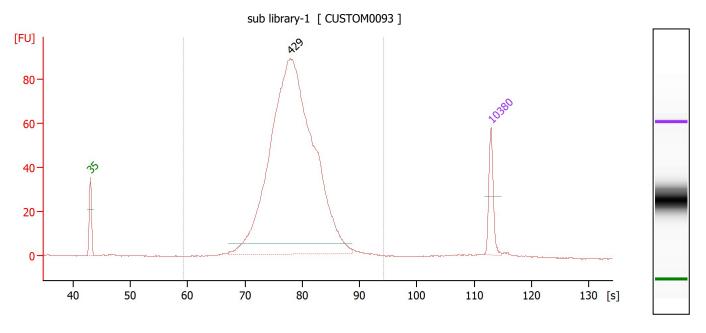
Electrophoresis File Run Summary (Comparison Summary)

Sample Name	Sample Comment	File
sub library-1	CUSTOM0093	C:\2100 expert\data\2024-10-29\Bioanalyzer1_High Sensitivity DNA
sub library-2		C:\2100 expert\data\2024-10-29\Bioanalyzer1_High Sensitivity DNA
sub library-3		C:\2100 expert\data\2024-10-29\Bioanalyzer1_High Sensitivity DNA
sub library-4		C:\2100 expert\data\2024-10-29\Bioanalyzer1_High Sensitivity DNA
sub library-5		C:\2100 expert\data\2024-10-29\Bioanalyzer1_High Sensitivity DNA
sub library-6		C:\2100 expert\data\2024-10-29\Bioanalyzer1_High Sensitivity DNA
sub library-7		C:\2100 expert\data\2024-10-29\Bioanalyzer1_High Sensitivity DNA
sub library-8		C:\2100 expert\data\2024-10-29\Bioanalyzer1_High Sensitivity DNA

Comparison Comments:

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Electropherogram Summary



Overall Results for sample 1: sub library-1

Number of peaks found: 998.7 1 Corr. Area 1:

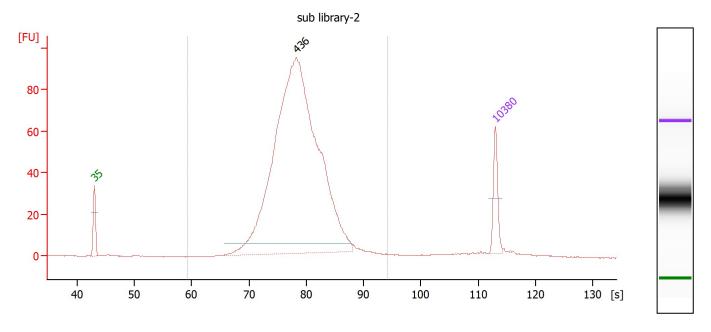
Noise: 0.1

Peak table for sample 1:		for sample 1:	sub library-1			
	Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
	1	4	35	125.00	5,411.3	Lower Marker
	2		429	2,260.41	7,976.4	
	3		10,380	75.00	10.9	Upper Marker

sub library-1 Region table for sample 1: To [s] Corr. Area % of **Average Size** Size distribution in From Conc.

Molarity Co CV [%] [pg/µl] [s] Total [bp] [pmol/l] lor 59.29 94.17 998.7 97 446 16.8 2,371.63 8,315.0

Electropherogram Summary Continued ...



Overall Results for sample 2: <u>sub library-2</u>

Number of peaks found: 1 Corr. Area 1: 1,068.3

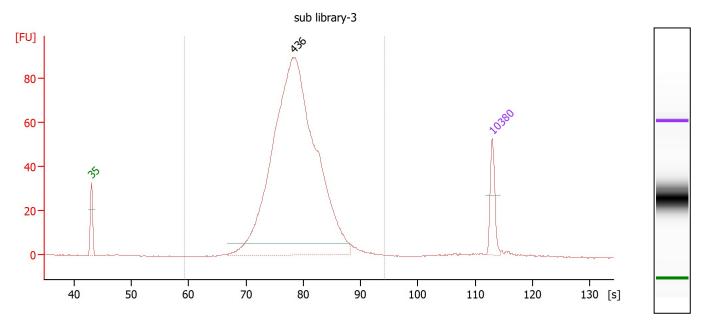
Peak table for sample 2:		for sample 2:	sub library-2			
	Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
	1	4	35	125.00	5,411.3	Lower Marker
	2		436	2,282.36	7,928.5	
	3		10,380	75.00	10.9	Upper Marker

Region	table for sample 2:	sub library-2
_	T 5 3 6 4 6/ 6	

From	To [s] Corr. Are	ea % of	Average Size	Size distribution in	Conc.	Molarity	Co
[s]		Total	[bp]	CV [%]	[pg/µl]	[pmol/l]	lor
59.29	94.17 1,068.3	95	448	17.5	2,428.80	8,491.6	

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Electropherogram Summary Continued ...



Overall Results for sample 3: sub library-3

Number of peaks found: 969.6 1 Corr. Area 1:

Noise: 0.2

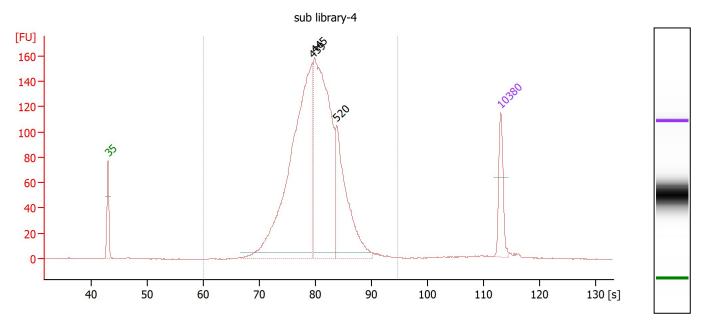
Peak table for sample 3:		for sample 3:	sub library-3			
	Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
	1	4	35	125.00	5,411.3	Lower Marker
	2		436	2,304.18	8,003.7	
	3		10,380	75.00	10.9	Upper Marker

Regior	n table for samp	ole 3:	sub library-3				
From	To [s] Corr. A	rea % of	Average Size	Size distribution in	Conc.	Molarity	
[s]		Total	[bp]	CV [%]	[pg/µl]	[pmol/l]	
59.29	94.17 969.6	97	450	16.7	2,385.35	8,272.9	

Co lor

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Electropherogram Summary Continued ...



Overall Results for sample 4: sub library-4

Number of peaks found: 3 1,903.0 Corr. Area 1:

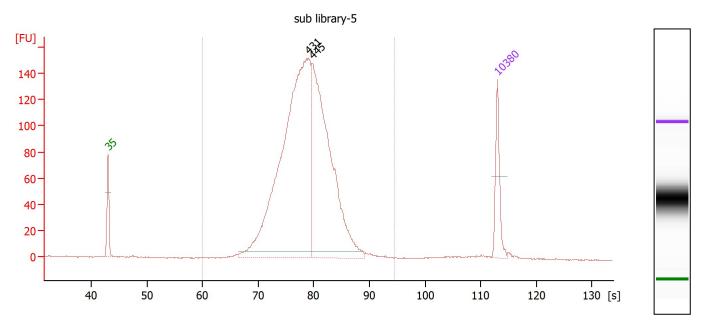
Noise: 0.2

Peak table for sample 4:		for sample 4:	<u>sub library-4</u>		
Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	•	35	125.00	5,411.3	Lower Marker
2		439	985.11	3,402.9	
3		445	765.22	2,603.6	
4		520	333.20	971.5	
5		10,380	75.00	10.9	Upper Marker

Region table for sample 4: sub library-4 From To [s] Corr. Area % of Average Size Size distribution in Conc.

Molarity Со [s] **Total** [bp] CV [%] [pg/µl] [pmol/l] lor 60.01 98 453 16.0 2,144.21 7,396.0 94.54 1,903.0

Electropherogram Summary Continued ...



Overall Results for sample 5: <u>sub library-5</u>

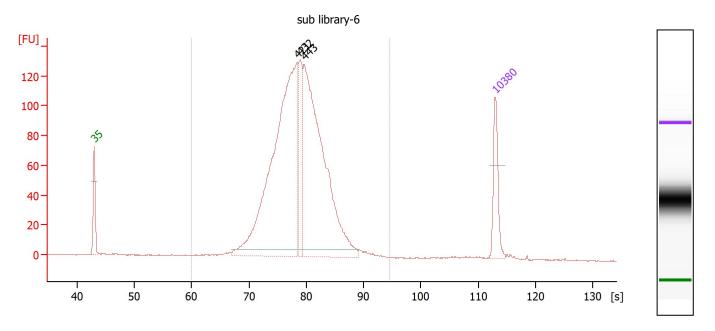
Number of peaks found: 2 Corr. Area 1: 1,950.0

Peak t	table for sample 5		e for sample 5 : <u>sub library-5</u>		
Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	4	35	125.00	5,411.3	Lower Marker
2		431	1,197.67	4,208.0	
3		445	768.07	2,616.7	
4		10,380	75.00	10.9	Upper Marker

Region table for sample 5:			sub library-5				
From [s]	To [s] Corr. Are	ea % of Total	Average Size	Size distribution in CV [%]	Conc. [pg/µl]	Molarity [pmol/l]	Co lor
60.01	94.54 1,950.0	98	430	16.1	2,043.00	7.427.3	

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Electropherogram Summary Continued ...



Overall Results for sample 6: sub library-6

Number of peaks found: 3 1,696.8 Corr. Area 1:

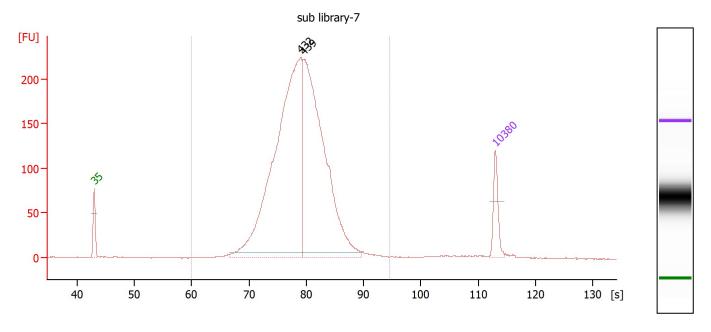
Noise: 0.3

Peak	Peak table for sample 6:		<u>sub library-6</u>		
Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	4	35	125.00	5,411.3	Lower Marker
2		421	917.53	3,300.2	
3		432	138.31	485.6	
4		443	761.59	2,606.4	
5		10,380	75.00	10.9	Upper Marker

Region table for sample 6: sub library-6 From To [s] Corr. Area % of Average Size Size distribution in Conc. **Total**

Molarity Co [s] [bp] CV [%] [pg/µl] [pmol/l] lor 60.01 432 17.3 1,949.60 7,094.6 94.54 1,696.8 96

Electropherogram Summary Continued ...



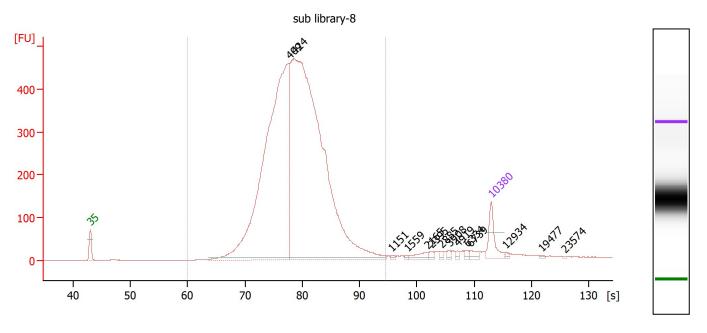
Overall Results for sample 7: <u>sub library-7</u>

Number of peaks found: 2 Corr. Area 1: 2,827.5

Peak table for sample 7: <u>sub libr</u>	<u> ary-7</u>	
Peak Size [bp] Conc. [pg/	μl] Molarity [pmol/l]	Observations
1 4 35 125.00	5,411.3	Lower Marker
2 432 1,596.89	5,601.7	
3 439 1,276.85	4,407.3	
4 10,380 75.00	10.9	Upper Marker

Region table for sample 7:			sub library-7				
From					Conc.	Molarity	Co
[s]		Total	[bp]	CV [%]	[pg/µl]	[pmol/l]	lor
60.01	94.54 2.827.5	98	436	16.6	2,986,66	10,730.2	

Electropherogram Summary Continued ...



Overall Results for sample 8 : <u>sub library-8</u>

Number of peaks found: 14 Corr. Area 1: 6,708.4

Peak table for sample 8:			sub library-8						
Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/I]	Observations				
1	◀	35	125.00	5,411.3	Lower Marker				
2		409	2,247.26	8,334.9					
3		424	2,998.06	10,716.8					
4		1,151	5.00	6.6					
5		1,559	3.72	3.6					
6		2,165	23.09	16.2					
7		2,395	9.86	6.2					
8		2,885	6.57	3.4					
9		3,908	7.46	2.9					
10		4,919	7.32	2.3					
11		6,334	9.58	2.3					
12		6,739	16.56	3.7					
13		10,380	75.00	10.9	Upper Marker				
14		12,934	0.00	0.0					
15		19,477	0.00	0.0					
16		23,574	0.00	0.0					
Region table for sample 8 : sub library-8									

Region	tab	le	fc	r	sample 8	8 :		<u>sub lib</u>	<u>rary-8</u>
	_	_	_	_	_		_	_	

From	To [s] Corr. Are	a % of	Average Size	Size distribution in	Conc.	Molarity	Co	
[s]		Total	[bp]	CV [%]	[pg/µl]	[pmol/l]	lor	
60.01	94.54 6,708.4	95	438	18.6	5,224.29	18,816.8		

Assay Class: Comparison Gel Image	High Sensitivity C:\t\Comparis		Created: 10/29/2024 11:17:54 AM odified: 10/29/2024 11:17:54 AM					
[bp]	sub library - 1	sub library -2	sub library -3	sub library -4	sub library -5	sub library -6	sub library -7	sub library-8

