

CVIKA 150519

Experiment

Creation Date	5/15/2019 10:02:26 AM	Last Modified Date	5/16/2019 7:52:37 AM
Operator	LMDM	Owner	LMDM
Start Time	5/15/2019 10:06:23 AM	End Time	5/15/2019 11:06:54 AM
Run State	Completed	Software Version	LCS480 1.5.1.62
Macro		Macro Owner	
Macro Status			
Templates	MCP absolute quantification	Plate ID	07409369
Test ID		Lot ID	
Color Comp ID			
Run Notes			

Programs

Program Name	Pre-incubation						
Cycles	1	Analysis Mode	None				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
95	None	00:04:00	4.40		0	0	0

Program Name	Amplification						
Cycles	40	Analysis Mode	Quantification				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
95	None	00:00:10	4.40		0	0	0
60	Single	00:00:30	2.20		0	0	0

Program Name	Melting Curves						
Cycles	1	Analysis Mode	Melting Curves				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
95	None	00:00:05	4.40		0	0	0
65	None	00:01:00	2.20		0	0	0
97	Continuous		0.11	5	0	0	0

Program Name	Cooling						
Cycles	1	Analysis Mode	None				
Target (°C)	Acquisition Mode	Hold (hh:mm:ss)	Ramp Rate (°C/s)	Acquisitions (per °C)	Sec Target (°C)	Step size (°C)	Step Delay (cycles)
40	None	00:00:30	2.20		0	0	0

**Samples**

Sample Count		96		
Subset		All Samples		
Pos	Name	ID	Repl. Of	Sample Notes
A1	PK		A3	
A2	PK		A3	
A3	PK		A3	
A4	NK		A6	
A5	NK		A6	
A6	NK		A6	
A7	NK		A9	
A8	NK		A9	
A9	NK		A9	
A10	t0 SA812		A12	
A11	t0 SA812		A12	
A12	t0 SA812		A12	
B1	t2 SA812		B3	
B2	t2 SA812		B3	
B3	t2 SA812		B3	
B4	t5 SA812		B6	
B5	t5 SA812		B6	
B6	t5 SA812		B6	
B7	t10 SA812		B9	
B8	t10 SA812		B9	
B9	t10 SA812		B9	
B10	t20 SA812		B12	
B11	t20 SA812		B12	
B12	t20 SA812		B12	
C1	t30 Sa812		C3	
C2	t30 Sa812		C3	
C3	t30 Sa812		C3	
C4	t40 SA812		C6	
C5	t40 SA812		C6	
C6	t40 SA812		C6	
C7	t50 SA812		C9	
C8	t50 SA812		C9	
C9	t50 SA812		C9	
C10	t60 SA812		C12	
C11	t60 SA812		C12	
C12	t60 SA812		C12	
D1	t70 SA812		D3	
D2	t70 SA812		D3	
D3	t70 SA812		D3	

**Samples**

Sample Count		96		
Subset		All Samples		
Pos	Name	ID	Repl. Of	Sample Notes
D4	t80 SA812		D6	
D5	t80 SA812		D6	
D6	t80 SA812		D6	
D7	t100 SA812		D9	
D8	t100 SA812		D9	
D9	t100 SA812		D9	
D10	nic		D12	
D11	nic		D12	
D12	nic		D12	
E1	t0 SA1039		E3	
E2	t0 SA1039		E3	
E3	t0 SA1039		E3	
E4	t2 SA1039		E6	
E5	t2 SA1039		E6	
E6	t2 SA1039		E6	
E7	t5 SA1039		E9	
E8	t5 SA1039		E9	
E9	t5 SA1039		E9	
E10	t10 SA1039		E12	
E11	t10 SA1039		E12	
E12	t10 SA1039		E12	
F1	t20 SA1039		F3	
F2	t20 SA1039		F3	
F3	t20 SA1039		F3	
F4	t30 SA1039		F6	
F5	t30 SA1039		F6	
F6	t30 SA1039		F6	
F7	t40 SA1039		F9	
F8	t40 SA1039		F9	
F9	t40 SA1039		F9	
F10	t50 SA1039		F12	
F11	t50 SA1039		F12	
F12	t50 SA1039		F12	
G1	t60 SA1039		G3	
G2	t60 SA1039		G3	
G3	t60 SA1039		G3	
G4	t70 SA1039		G6	
G5	t70 SA1039		G6	
G6	t70 SA1039		G6	

**Samples**

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
G7	Sample 79			
G8	Sample 80			
G9	Sample 81			
G10	Sample 82			
G11	Sample 83			
G12	Sample 84			
H1	Sample 85			
H2	Sample 86			
H3	Sample 87			
H4	Sample 88			
H5	Sample 89			
H6	Sample 90			
H7	Sample 91			
H8	Sample 92			
H9	Sample 93			
H10	Sample 94			
H11	Sample 95			
H12	Sample 96			

**Instrument**

Name	29712	Serial Number	29712
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**Revision History**

Revision	Date	User	Reason

**Abs Quant/2nd Derivative Max for All Samples (Abs Quant/2nd Derivative Max)****Settings**

Channel	465-510		
Color Compensation	Off		
Program	Amplification	Units	
Mode	High Confidence		

Subset Name	All Samples
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**Results**

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	A1	PK	Standard	19.07	8.85E3	1.00E4	

> - Late Cp call (last five cycles) has higher uncertainty, E - Extrapolated concentration in standard curve

## Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	A2	PK	Standard	18.69	1.11E4	1.00E4	
<input checked="" type="checkbox"/>	A3	PK	Standard	18.87	1.00E4	1.00E4	
<input checked="" type="checkbox"/>	A4	NK	Negative Control				
<input checked="" type="checkbox"/>	A5	NK	Negative Control	35.00	5.42E-1		>
<input checked="" type="checkbox"/>	A6	NK	Negative Control	32.27	3.18E0		
<input checked="" type="checkbox"/>	A7	NK	Negative Control				
<input checked="" type="checkbox"/>	A8	NK	Negative Control				
<input checked="" type="checkbox"/>	A9	NK	Negative Control				
<input checked="" type="checkbox"/>	A10	t0 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	A11	t0 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	A12	t0 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B1	t2 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B2	t2 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B3	t2 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B4	t5 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B5	t5 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B6	t5 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B7	t10 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B8	t10 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B9	t10 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B10	t20 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B11	t20 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	B12	t20 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	C1	t30 Sa812	Unknown	32.58	2.61E0		
<input checked="" type="checkbox"/>	C2	t30 Sa812	Unknown	31.59	4.87E0		
<input checked="" type="checkbox"/>	C3	t30 Sa812	Unknown	31.49	5.21E0		
<input checked="" type="checkbox"/>	C4	t40 SA812	Unknown	32.74	2.37E0		
<input checked="" type="checkbox"/>	C5	t40 SA812	Unknown	33.46	1.49E0		
<input checked="" type="checkbox"/>	C6	t40 SA812	Unknown	33.45	1.50E0		
<input checked="" type="checkbox"/>	C7	t50 SA812	Unknown	33.68	1.29E0		
<input checked="" type="checkbox"/>	C8	t50 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	C9	t50 SA812	Unknown	34.23	9.01E-1		E
<input checked="" type="checkbox"/>	C10	t60 SA812	Unknown	28.57	3.06E1		
<input checked="" type="checkbox"/>	C11	t60 SA812	Unknown	28.86	2.58E1		
<input checked="" type="checkbox"/>	C12	t60 SA812	Unknown	28.70	2.84E1		
<input checked="" type="checkbox"/>	D1	t70 SA812	Unknown	28.95	2.44E1		
<input checked="" type="checkbox"/>	D2	t70 SA812	Unknown	29.17	2.15E1		

> - Late Cp call (last five cycles) has higher uncertainty, E - Extrapolated concentration in standard curve

## Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	D3	t70 SA812	Unknown	29.06	2.29E1		
<input checked="" type="checkbox"/>	D4	t80 SA812	Unknown	31.02	6.95E0		
<input checked="" type="checkbox"/>	D5	t80 SA812	Unknown	32.76	2.32E0		
<input checked="" type="checkbox"/>	D6	t80 SA812	Unknown	33.19	1.77E0		
<input checked="" type="checkbox"/>	D7	t100 SA812	Unknown	33.88	1.13E0		
<input checked="" type="checkbox"/>	D8	t100 SA812	Unknown	34.22	9.09E-1		E
<input checked="" type="checkbox"/>	D9	t100 SA812	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	D10	nic	Unknown	35.00	5.42E-1		>, E
<input checked="" type="checkbox"/>	D11	nic	Unknown	26.62	9.81E1		
<input checked="" type="checkbox"/>	D12	nic	Unknown	22.77	9.71E2		
<input checked="" type="checkbox"/>	E1	t0 SA1039	Unknown	23.47	6.42E2		
<input checked="" type="checkbox"/>	E2	t0 SA1039	Unknown	22.92	8.90E2		
<input checked="" type="checkbox"/>	E3	t0 SA1039	Unknown	23.31	7.08E2		
<input checked="" type="checkbox"/>	E4	t2 SA1039	Unknown	23.68	5.66E2		
<input checked="" type="checkbox"/>	E5	t2 SA1039	Unknown	22.95	8.75E2		
<input checked="" type="checkbox"/>	E6	t2 SA1039	Unknown	22.91	8.95E2		
<input checked="" type="checkbox"/>	E7	t5 SA1039	Unknown	23.12	7.92E2		
<input checked="" type="checkbox"/>	E8	t5 SA1039	Unknown	23.29	7.16E2		
<input checked="" type="checkbox"/>	E9	t5 SA1039	Unknown	23.59	5.97E2		
<input checked="" type="checkbox"/>	E10	t10 SA1039	Unknown	25.43	1.99E2		
<input checked="" type="checkbox"/>	E11	t10 SA1039	Unknown	24.65	3.16E2		
<input checked="" type="checkbox"/>	E12	t10 SA1039	Unknown	24.61	3.25E2		
<input checked="" type="checkbox"/>	F1	t20 SA1039	Unknown	24.32	3.87E2		
<input checked="" type="checkbox"/>	F2	t20 SA1039	Unknown	23.46	6.47E2		
<input checked="" type="checkbox"/>	F3	t20 SA1039	Unknown	24.23	4.09E2		
<input checked="" type="checkbox"/>	F4	t30 SA1039	Unknown	22.45	1.18E3		
<input checked="" type="checkbox"/>	F5	t30 SA1039	Unknown	22.01	1.53E3		
<input checked="" type="checkbox"/>	F6	t30 SA1039	Unknown	21.92	1.62E3		
<input checked="" type="checkbox"/>	F7	t40 SA1039	Unknown	22.48	1.16E3		
<input checked="" type="checkbox"/>	F8	t40 SA1039	Unknown	22.49	1.15E3		
<input checked="" type="checkbox"/>	F9	t40 SA1039	Unknown	22.51	1.14E3		
<input checked="" type="checkbox"/>	F10	t50 SA1039	Unknown	19.34	7.54E3		
<input checked="" type="checkbox"/>	F11	t50 SA1039	Unknown	19.59	6.48E3		
<input checked="" type="checkbox"/>	F12	t50 SA1039	Unknown	20.01	5.04E3		
<input checked="" type="checkbox"/>	G1	t60 SA1039	Unknown	18.99	9.27E3		
<input checked="" type="checkbox"/>	G2	t60 SA1039	Unknown	18.43	1.30E4		
<input checked="" type="checkbox"/>	G3	t60 SA1039	Unknown	18.85	1.01E4		

> - Late Cp call (last five cycles) has higher uncertainty, E - Extrapolated concentration in standard curve

## Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	G4	t70 SA1039	Unknown	18.02	1.65E4		
<input checked="" type="checkbox"/>	G5	t70 SA1039	Unknown	18.22	1.47E4		
<input checked="" type="checkbox"/>	G6	t70 SA1039	Unknown	19.57	6.57E3		
<input checked="" type="checkbox"/>	G7	Sample 79	Unknown	16.66	3.74E4		
<input checked="" type="checkbox"/>	G8	Sample 80	Unknown				
<input checked="" type="checkbox"/>	G9	Sample 81	Unknown				
<input checked="" type="checkbox"/>	G10	Sample 82	Unknown	15.46	7.64E4		
<input checked="" type="checkbox"/>	G11	Sample 83	Unknown				
<input checked="" type="checkbox"/>	G12	Sample 84	Unknown				
<input checked="" type="checkbox"/>	H1	Sample 85	Unknown				
<input checked="" type="checkbox"/>	H2	Sample 86	Unknown	10.95	1.12E6		E
<input checked="" type="checkbox"/>	H3	Sample 87	Unknown	20.90	2.97E3		
<input checked="" type="checkbox"/>	H4	Sample 88	Unknown				
<input checked="" type="checkbox"/>	H5	Sample 89	Unknown				
<input checked="" type="checkbox"/>	H6	Sample 90	Unknown				
<input checked="" type="checkbox"/>	H7	Sample 91	Unknown				
<input checked="" type="checkbox"/>	H8	Sample 92	Unknown	31.59	4.88E0		
<input checked="" type="checkbox"/>	H9	Sample 93	Unknown				
<input checked="" type="checkbox"/>	H10	Sample 94	Unknown				
<input checked="" type="checkbox"/>	H11	Sample 95	Unknown				
<input checked="" type="checkbox"/>	H12	Sample 96	Unknown	31.67	4.64E0		

> - Late Cp call (last five cycles) has higher uncertainty, E - Extrapolated concentration in standard curve

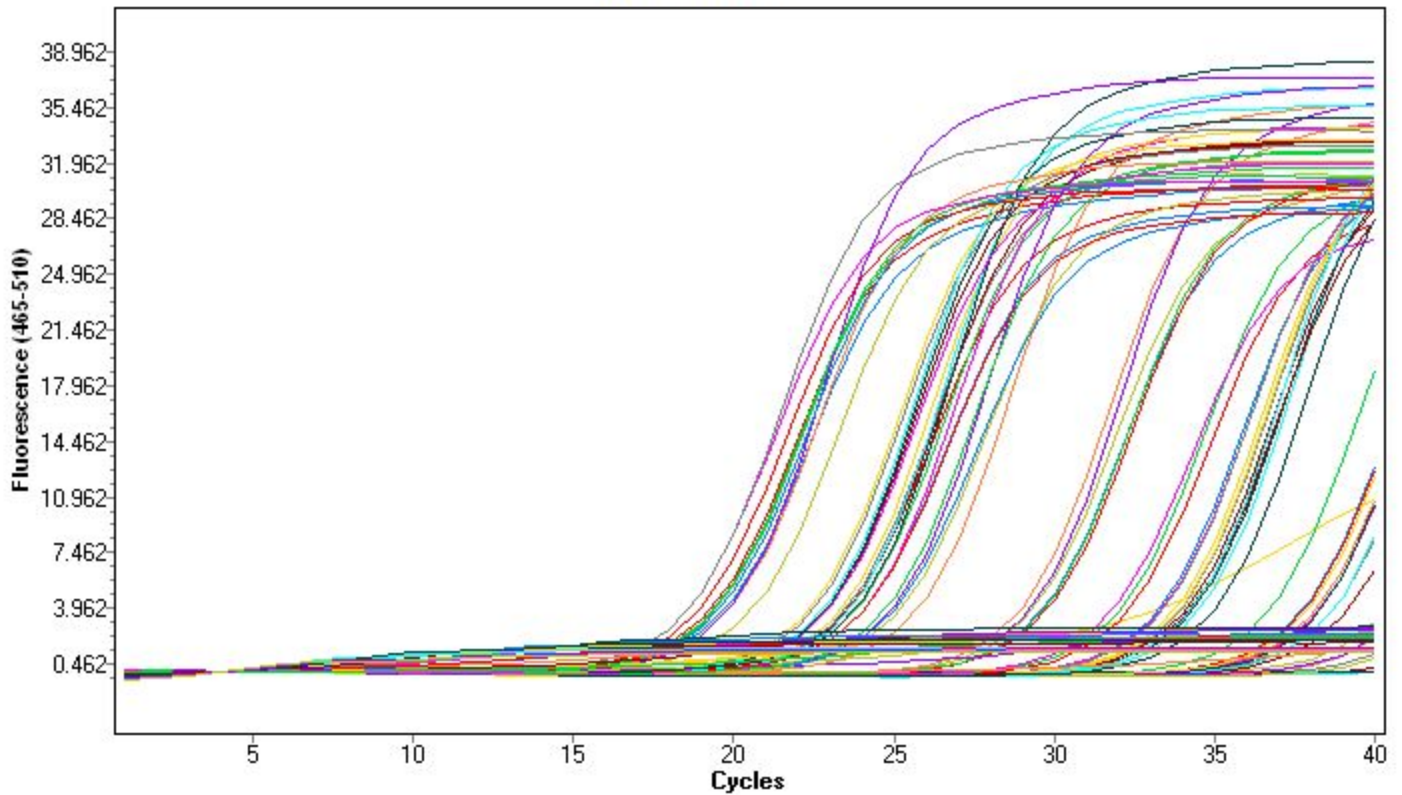
## Statistics

Samples	Mean Cp	Std Cp	Mean conc	Std conc
A1, A2, A3	18.88	0.19	9.99E3	1.13E3
A4, A5, A6	33.63	1.93	1.86E0	1.87E0
A7, A8, A9				
A10, A11, A12	35.00		5.42E-1	
B1, B2, B3	35.00		5.42E-1	
B4, B5, B6	35.00		5.42E-1	
B7, B8, B9	35.00		5.42E-1	
B10, B11, B12	35.00		5.42E-1	
C1, C2, C3	31.89	0.60	4.23E0	1.41E0
C4, C5, C6	33.21	0.41	1.78E0	5.05E-1
C7, C8, C9	34.30	0.66	9.10E-1	3.72E-1
C10, C11, C12	28.71	0.14	2.83E1	2.39E0
D1, D2, D3	29.06	0.11	2.29E1	1.49E0

**Statistics**

Samples	Mean Cp	Std Cp	Mean conc	Std conc
D4, D5, D6	32.32	1.15	3.68E0	2.84E0
D7, D8, D9	34.37	0.57	8.60E-1	2.97E-1
D10, D11, D12	28.13	6.25	3.57E2	5.34E2
E1, E2, E3	23.23	0.28	7.46E2	1.29E2
E4, E5, E6	23.18	0.43	7.79E2	1.84E2
E7, E8, E9	23.33	0.24	7.01E2	9.84E1
E10, E11, E12	24.90	0.46	2.80E2	7.03E1
F1, F2, F3	24.00	0.47	4.81E2	1.44E2
F4, F5, F6	22.13	0.28	1.44E3	2.33E2
F7, F8, F9	22.49	0.02	1.15E3	1.13E1
F10, F11, F12	19.65	0.34	6.36E3	1.26E3
G1, G2, G3	18.76	0.29	1.08E4	1.95E3
G4, G5, G6	18.61	0.84	1.26E4	5.30E3

Amplification Curves

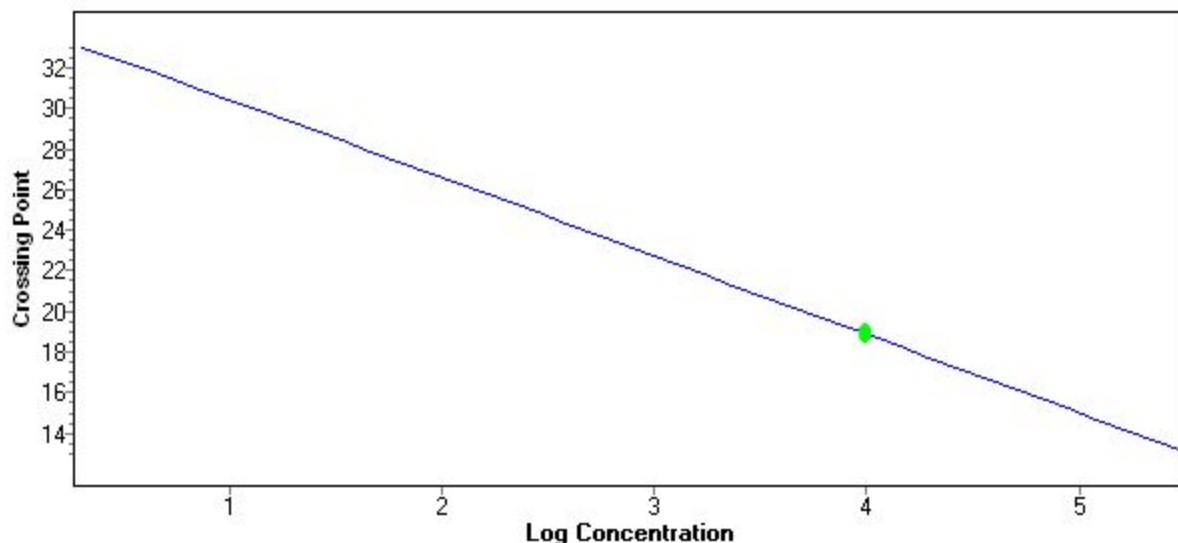




Standard Curve (kalibracni primka MCP)

— Std. curve ◆ Samples

Error: 0.0267  
 Efficiency: 1.816  
 Slope: -3.860  
 YIntercept: 33.09  
 Link: 11.10



**Analysis Notes**

**Melt Curve Genotyping for All Samples (Melt Curve Genotyping)**

Channel	465-510	Color Compensation	Off
Program Name	Melting Curves		
Stds Settings	Auto-Group		
Sensitivity	Normal	Temp Range	67-86
Score	0.7	Res	0.1

Subset Name	All Samples
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**Results**

Inc	Pos.	Sample Name	Sample Type	Group	Score	Resolution	Status
<input checked="" type="checkbox"/>	A1	PK	Unknown	1	0.99	0.93	
<input checked="" type="checkbox"/>	A2	PK	Unknown	1	0.99	0.93	
<input checked="" type="checkbox"/>	A3	PK	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	A4	NK	Unknown	3	1.00	0.57	
<input checked="" type="checkbox"/>	A5	NK	Unknown	4	1.00	0.50	
<input checked="" type="checkbox"/>	A6	NK	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	A7	NK	Unknown	3	0.92	0.27	
<input checked="" type="checkbox"/>	A8	NK	Unknown	3	0.71	0.17	
<input checked="" type="checkbox"/>	A9	NK	Unknown	5	1.00	0.99	
<input checked="" type="checkbox"/>	A10	t0 SA812	Unknown	2	0.98	0.52	
<input checked="" type="checkbox"/>	A11	t0 SA812	Unknown	2	0.99	0.48	
<input checked="" type="checkbox"/>	A12	t0 SA812	Unknown	2	0.94	0.26	
<input checked="" type="checkbox"/>	B1	t2 SA812	Unknown	2	0.93	0.63	
<input checked="" type="checkbox"/>	B2	t2 SA812	Unknown	2	0.93	0.63	

**Results**

Inc	Pos.	Sample Name	Sample Type	Group	Score	Resolution	Status
<input checked="" type="checkbox"/>	B3	t2 SA812	Unknown	2	0.71	0.43	
<input checked="" type="checkbox"/>	B4	t5 SA812	Unknown	2	0.98	0.58	
<input checked="" type="checkbox"/>	B5	t5 SA812	Unknown	2	1.00	0.50	
<input checked="" type="checkbox"/>	B6	t5 SA812	Unknown	2	0.97	0.60	
<input checked="" type="checkbox"/>	B7	t10 SA812	Unknown	2	0.98	0.39	
<input checked="" type="checkbox"/>	B8	t10 SA812	Unknown	2	0.99	0.52	
<input checked="" type="checkbox"/>	B9	t10 SA812	Unknown	2	0.98	0.57	
<input checked="" type="checkbox"/>	B10	t20 SA812	Unknown	4	0.88	0.12	
<input checked="" type="checkbox"/>	B11	t20 SA812	Unknown	Unknown	0.86	0.07	
<input checked="" type="checkbox"/>	B12	t20 SA812	Unknown	4	0.92	0.35	
<input checked="" type="checkbox"/>	C1	t30 Sa812	Unknown	1	0.93	0.80	
<input checked="" type="checkbox"/>	C2	t30 Sa812	Unknown	1	0.95	0.84	
<input checked="" type="checkbox"/>	C3	t30 Sa812	Unknown	1	0.98	0.90	
<input checked="" type="checkbox"/>	C4	t40 SA812	Unknown	1	0.92	0.79	
<input checked="" type="checkbox"/>	C5	t40 SA812	Unknown	1	0.85	0.66	
<input checked="" type="checkbox"/>	C6	t40 SA812	Unknown	1	0.83	0.64	
<input checked="" type="checkbox"/>	C7	t50 SA812	Unknown	1	0.82	0.61	
<input checked="" type="checkbox"/>	C8	t50 SA812	Unknown	1	0.80	0.60	
<input checked="" type="checkbox"/>	C9	t50 SA812	Unknown	1	0.83	0.63	
<input checked="" type="checkbox"/>	C10	t60 SA812	Unknown	1	0.97	0.92	
<input checked="" type="checkbox"/>	C11	t60 SA812	Unknown	1	0.97	0.94	
<input checked="" type="checkbox"/>	C12	t60 SA812	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	D1	t70 SA812	Unknown	1	0.99	0.92	
<input checked="" type="checkbox"/>	D2	t70 SA812	Unknown	1	0.99	0.92	
<input checked="" type="checkbox"/>	D3	t70 SA812	Unknown	1	0.99	0.92	
<input checked="" type="checkbox"/>	D4	t80 SA812	Unknown	1	0.98	0.90	
<input checked="" type="checkbox"/>	D5	t80 SA812	Unknown	1	0.89	0.74	
<input checked="" type="checkbox"/>	D6	t80 SA812	Unknown	1	0.88	0.71	
<input checked="" type="checkbox"/>	D7	t100 SA812	Unknown	1	0.84	0.67	
<input checked="" type="checkbox"/>	D8	t100 SA812	Unknown	1	0.79	0.58	
<input checked="" type="checkbox"/>	D9	t100 SA812	Unknown	Unknown	0.69	0.39	
<input checked="" type="checkbox"/>	D10	nic	Unknown	6	1.00	0.57	
<input checked="" type="checkbox"/>	D11	nic	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	D12	nic	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	E1	t0 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	E2	t0 SA1039	Unknown	1	0.97	0.93	
<input checked="" type="checkbox"/>	E3	t0 SA1039	Unknown	1	1.00	0.93	
<input checked="" type="checkbox"/>	E4	t2 SA1039	Unknown	1	0.99	0.92	

## Results

Inc	Pos.	Sample Name	Sample Type	Group	Score	Resolution	Status
<input checked="" type="checkbox"/>	E5	t2 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	E6	t2 SA1039	Unknown	1	0.97	0.93	
<input checked="" type="checkbox"/>	E7	t5 SA1039	Unknown	1	0.99	0.93	
<input checked="" type="checkbox"/>	E8	t5 SA1039	Unknown	1	0.94	0.91	
<input checked="" type="checkbox"/>	E9	t5 SA1039	Unknown	1	0.99	0.93	
<input checked="" type="checkbox"/>	E10	t10 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	E11	t10 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	E12	t10 SA1039	Unknown	1	0.89	0.87	
<input checked="" type="checkbox"/>	F1	t20 SA1039	Unknown	1	0.99	0.92	
<input checked="" type="checkbox"/>	F2	t20 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	F3	t20 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	F4	t30 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	F5	t30 SA1039	Unknown	1	0.99	0.93	
<input checked="" type="checkbox"/>	F6	t30 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	F7	t40 SA1039	Unknown	1	0.99	0.93	
<input checked="" type="checkbox"/>	F8	t40 SA1039	Unknown	1	0.95	0.92	
<input checked="" type="checkbox"/>	F9	t40 SA1039	Unknown	1	0.98	0.93	
<input checked="" type="checkbox"/>	F10	t50 SA1039	Unknown	1	0.98	0.92	
<input checked="" type="checkbox"/>	F11	t50 SA1039	Unknown	1	0.98	0.94	
<input checked="" type="checkbox"/>	F12	t50 SA1039	Unknown	1	0.90	0.88	
<input checked="" type="checkbox"/>	G1	t60 SA1039	Unknown	1	0.99	0.92	
<input checked="" type="checkbox"/>	G2	t60 SA1039	Unknown	1	0.99	0.94	
<input checked="" type="checkbox"/>	G3	t60 SA1039	Unknown	1	0.95	0.92	
<input checked="" type="checkbox"/>	G4	t70 SA1039	Unknown	1	0.99	0.92	
<input checked="" type="checkbox"/>	G5	t70 SA1039	Unknown	1	0.99	0.93	
<input checked="" type="checkbox"/>	G6	t70 SA1039	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G7	Sample 79	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G8	Sample 80	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G9	Sample 81	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G10	Sample 82	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G11	Sample 83	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G12	Sample 84	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H1	Sample 85	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H2	Sample 86	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H3	Sample 87	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H4	Sample 88	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H5	Sample 89	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H6	Sample 90	Unknown	Negative	1.00	1.00	

**Results**

Inc	Pos.	Sample Name	Sample Type	Group	Score	Resolution	Status
<input checked="" type="checkbox"/>	H7	Sample 91	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H8	Sample 92	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H9	Sample 93	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H10	Sample 94	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H11	Sample 95	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H12	Sample 96	Unknown	Negative	1.00	1.00	

**Group 1**

Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	A1	PK	Unknown	0.99	0.93	
<input checked="" type="checkbox"/>	A2	PK	Unknown	0.99	0.93	
<input checked="" type="checkbox"/>	A3	PK	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	C1	t30 Sa812	Unknown	0.93	0.80	
<input checked="" type="checkbox"/>	C2	t30 Sa812	Unknown	0.95	0.84	
<input checked="" type="checkbox"/>	C3	t30 Sa812	Unknown	0.98	0.90	
<input checked="" type="checkbox"/>	C4	t40 SA812	Unknown	0.92	0.79	
<input checked="" type="checkbox"/>	C5	t40 SA812	Unknown	0.85	0.66	
<input checked="" type="checkbox"/>	C6	t40 SA812	Unknown	0.83	0.64	
<input checked="" type="checkbox"/>	C7	t50 SA812	Unknown	0.82	0.61	
<input checked="" type="checkbox"/>	C8	t50 SA812	Unknown	0.80	0.60	
<input checked="" type="checkbox"/>	C9	t50 SA812	Unknown	0.83	0.63	
<input checked="" type="checkbox"/>	C10	t60 SA812	Unknown	0.97	0.92	
<input checked="" type="checkbox"/>	C11	t60 SA812	Unknown	0.97	0.94	
<input checked="" type="checkbox"/>	C12	t60 SA812	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	D1	t70 SA812	Unknown	0.99	0.92	
<input checked="" type="checkbox"/>	D2	t70 SA812	Unknown	0.99	0.92	
<input checked="" type="checkbox"/>	D3	t70 SA812	Unknown	0.99	0.92	
<input checked="" type="checkbox"/>	D4	t80 SA812	Unknown	0.98	0.90	
<input checked="" type="checkbox"/>	D5	t80 SA812	Unknown	0.89	0.74	
<input checked="" type="checkbox"/>	D6	t80 SA812	Unknown	0.88	0.71	
<input checked="" type="checkbox"/>	D7	t100 SA812	Unknown	0.84	0.67	
<input checked="" type="checkbox"/>	D8	t100 SA812	Unknown	0.79	0.58	
<input checked="" type="checkbox"/>	E1	t0 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	E2	t0 SA1039	Unknown	0.97	0.93	
<input checked="" type="checkbox"/>	E3	t0 SA1039	Unknown	1.00	0.93	
<input checked="" type="checkbox"/>	E4	t2 SA1039	Unknown	0.99	0.92	
<input checked="" type="checkbox"/>	E5	t2 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	E6	t2 SA1039	Unknown	0.97	0.93	

**Group 1**

Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	E7	t5 SA1039	Unknown	0.99	0.93	
<input checked="" type="checkbox"/>	E8	t5 SA1039	Unknown	0.94	0.91	
<input checked="" type="checkbox"/>	E9	t5 SA1039	Unknown	0.99	0.93	
<input checked="" type="checkbox"/>	E10	t10 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	E11	t10 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	E12	t10 SA1039	Unknown	0.89	0.87	
<input checked="" type="checkbox"/>	F1	t20 SA1039	Unknown	0.99	0.92	
<input checked="" type="checkbox"/>	F2	t20 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	F3	t20 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	F4	t30 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	F5	t30 SA1039	Unknown	0.99	0.93	
<input checked="" type="checkbox"/>	F6	t30 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	F7	t40 SA1039	Unknown	0.99	0.93	
<input checked="" type="checkbox"/>	F8	t40 SA1039	Unknown	0.95	0.92	
<input checked="" type="checkbox"/>	F9	t40 SA1039	Unknown	0.98	0.93	
<input checked="" type="checkbox"/>	F10	t50 SA1039	Unknown	0.98	0.92	
<input checked="" type="checkbox"/>	F11	t50 SA1039	Unknown	0.98	0.94	
<input checked="" type="checkbox"/>	F12	t50 SA1039	Unknown	0.90	0.88	
<input checked="" type="checkbox"/>	G1	t60 SA1039	Unknown	0.99	0.92	
<input checked="" type="checkbox"/>	G2	t60 SA1039	Unknown	0.99	0.94	
<input checked="" type="checkbox"/>	G3	t60 SA1039	Unknown	0.95	0.92	
<input checked="" type="checkbox"/>	G4	t70 SA1039	Unknown	0.99	0.92	
<input checked="" type="checkbox"/>	G5	t70 SA1039	Unknown	0.99	0.93	

**Group 2**

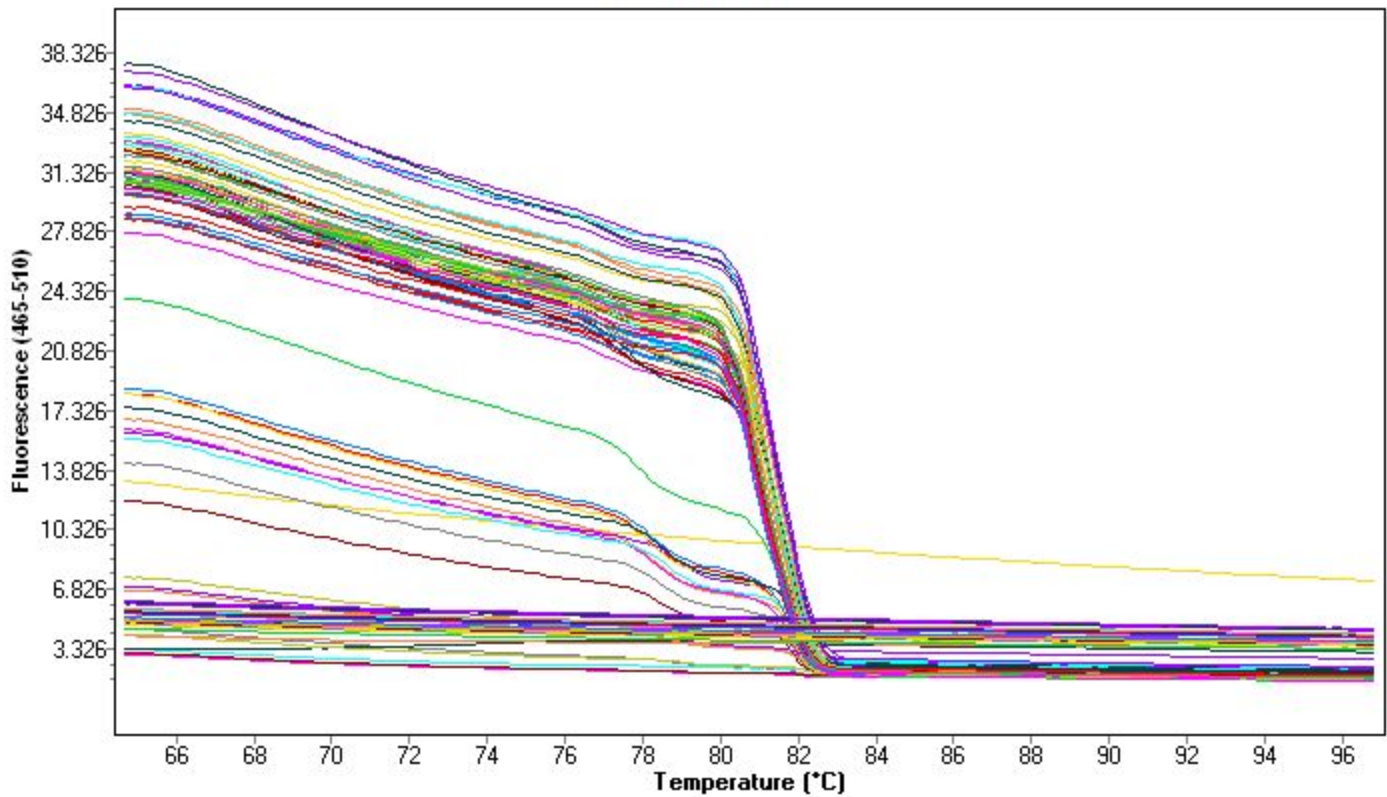
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	A10	t0 SA812	Unknown	0.98	0.52	
<input checked="" type="checkbox"/>	A11	t0 SA812	Unknown	0.99	0.48	
<input checked="" type="checkbox"/>	A12	t0 SA812	Unknown	0.94	0.26	
<input checked="" type="checkbox"/>	B1	t2 SA812	Unknown	0.93	0.63	
<input checked="" type="checkbox"/>	B2	t2 SA812	Unknown	0.93	0.63	
<input checked="" type="checkbox"/>	B3	t2 SA812	Unknown	0.71	0.43	
<input checked="" type="checkbox"/>	B4	t5 SA812	Unknown	0.98	0.58	
<input checked="" type="checkbox"/>	B5	t5 SA812	Unknown	1.00	0.50	
<input checked="" type="checkbox"/>	B6	t5 SA812	Unknown	0.97	0.60	
<input checked="" type="checkbox"/>	B7	t10 SA812	Unknown	0.98	0.39	
<input checked="" type="checkbox"/>	B8	t10 SA812	Unknown	0.99	0.52	
<input checked="" type="checkbox"/>	B9	t10 SA812	Unknown	0.98	0.57	

Group 2						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
Group 3						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	A4	NK	Unknown	1.00	0.57	
<input checked="" type="checkbox"/>	A7	NK	Unknown	0.92	0.27	
<input checked="" type="checkbox"/>	A8	NK	Unknown	0.71	0.17	
Group 4						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	A5	NK	Unknown	1.00	0.50	
<input checked="" type="checkbox"/>	B10	t20 SA812	Unknown	0.88	0.12	
<input checked="" type="checkbox"/>	B12	t20 SA812	Unknown	0.92	0.35	
Group 5						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	A9	NK	Unknown	1.00	0.99	
Group 6						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	D10	nic	Unknown	1.00	0.57	
Group Negative						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	A6	NK	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	D11	nic	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	D12	nic	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G6	t70 SA1039	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G7	Sample 79	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G8	Sample 80	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G9	Sample 81	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G10	Sample 82	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G11	Sample 83	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G12	Sample 84	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H1	Sample 85	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H2	Sample 86	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H3	Sample 87	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H4	Sample 88	Unknown	1.00	1.00	

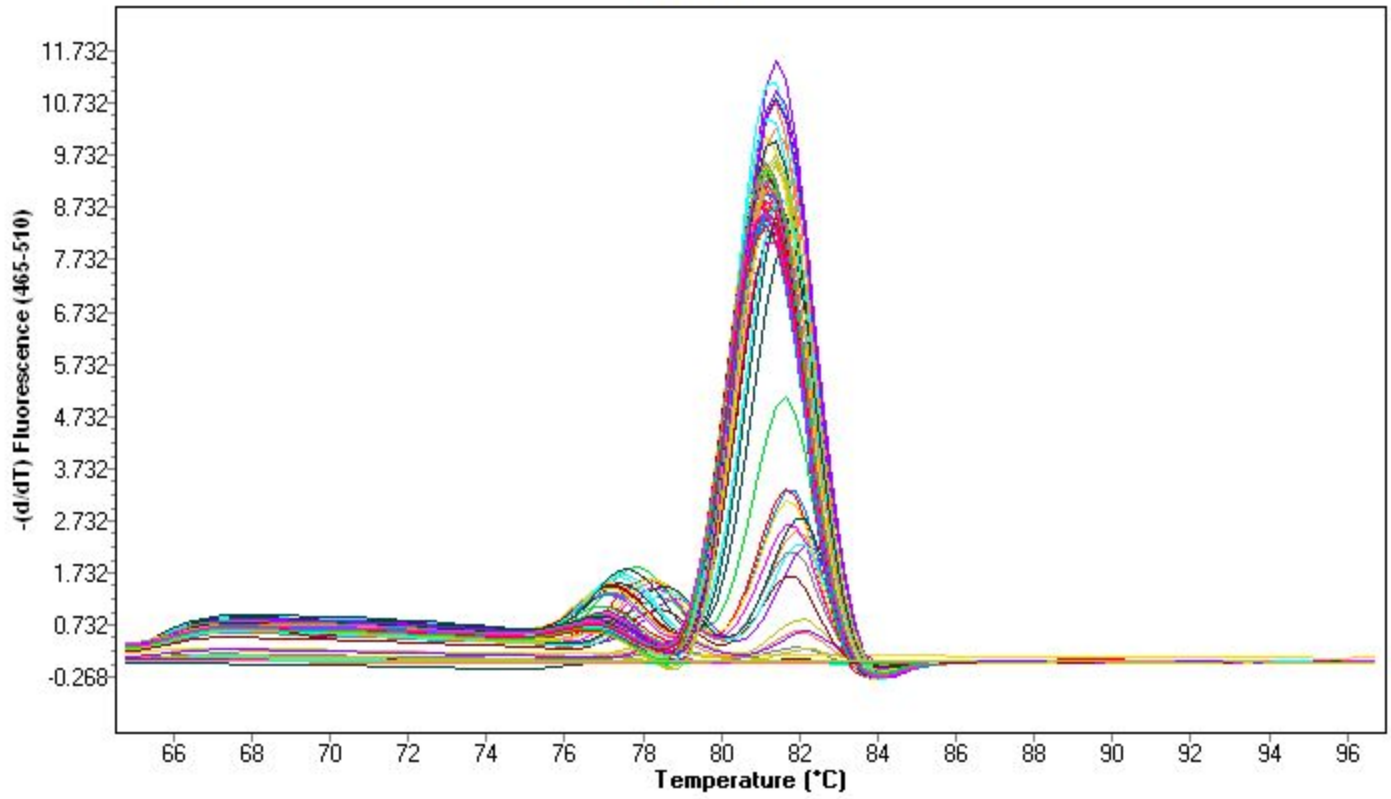
Group Negative						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	H5	Sample 89	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H6	Sample 90	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H7	Sample 91	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H8	Sample 92	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H9	Sample 93	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H10	Sample 94	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H11	Sample 95	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H12	Sample 96	Unknown	1.00	1.00	

Group Unknown						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	B11	t20 SA812	Unknown	0.86	0.07	
<input checked="" type="checkbox"/>	D9	t100 SA812	Unknown	0.69	0.39	

Melting Curves



Melting Peaks



Analysis Notes