

cobas® 4800 User Defined Workflow (UDF)



20241222xj plate1

Experiment

Creation Date	12/22/2024 4:13:15 PM	Last Modified Date	12/22/2024 5:24:59 PM
Operator	System Admin	Owner	System Admin
Start Time	12/22/2024 4:21:50 PM	End Time	12/22/2024 5:20:24 PM
Run State	Completed	Software Version	LCS480 1.5.1.62 SP3 - UDF 2.1.0.26
Macro		Macro Owner	
Macro Status			
Templates	gongying	Plate ID	
Test ID		Lot ID	
Color Comp ID			
Run Notes			

Programs

Program Name	Program		
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	00:00:30	4.40		0	0	0

Program Name	Program		
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	00:00:15	4.40		0	0	0
60	Single	00:00:30	2.20		0	0	0

Program Name	Program		
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	00:01:00	4.40		0	0	0
60	None	00:00:30	2.20		0	0	0
90	Continuous		0.11	5	0	0	0

Program Name	Program		
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)
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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	GAPDH 1						
A2	GAPDH 1						
A3	GAPDH 1						
A4	GAPDH 2						
A5	GAPDH 2						
A6	GAPDH 2						
A7	GAPDH 3						
A8	GAPDH 3						
A9	GAPDH 3						
A10	GAPDH 4						
A11	GAPDH 4						
A12	GAPDH 4						
B1	FCER1A 1						
B2	FCER1A 1						
B3	FCER1A 1						
B4	FCER1A 2						
B5	FCER1A 2						
B6	FCER1A 2						
B7	FCER1A 3						
B8	FCER1A 3						
B9	FCER1A 3						
B10	FCER1A 4						
B11	FCER1A 4						
B12	FCER1A 4						
C1	GAPDH 5						
C2	GAPDH 5						
C3	GAPDH 5						
C4	GAPDH 7						
C5	GAPDH 7						
C6	GAPDH 7						
C7	GAPDH 11						
C8	GAPDH 11						
C9	GAPDH 11						
C10	GAPDH 14						
C11	GAPDH 14						
C12	GAPDH 14						

Samples

Sample Count		96		
Subset		All Samples		
Pos	Name	ID	Repl. Of	Sample Notes
D1	FCER1A 5			
D2	FCER1A 5			
D3	FCER1A 5			
D4	FCER1A 7			
D5	FCER1A 7			
D6	FCER1A 7			
D7	FCER1A 11			
D8	FCER1A 11			
D9	FCER1A 11			
D10	FCER1A 14			
D11	FCER1A 14			
D12	FCER1A 14			
E1	GAPDH 15			
E2	GAPDH 15			
E3	GAPDH 15			
E4	GAPDH 18			
E5	GAPDH 18			
E6	GAPDH 18			
E7	GAPDH 19			
E8	GAPDH 19			
E9	GAPDH 19			
E10	GAPDH 20			
E11	GAPDH 20			
E12	GAPDH 20			
F1	FCER1A 15			
F2	FCER1A 15			
F3	FCER1A 15			
F4	FCER1A 18			
F5	FCER1A 18			
F6	FCER1A 18			
F7	FCER1A 19			
F8	FCER1A 19			
F9	FCER1A 19			
F10	FCER1A 20			
F11	FCER1A 20			
F12	FCER1A 20			
G1	GAPDH 24			
G2	GAPDH 24			
G3	GAPDH 24			

Samples

Sample Count	96			
Subset	All Samples			
Pos	Name	ID	Repl. Of	Sample Notes
G4	GAPDH 26			
G5	GAPDH 26			
G6	GAPDH 26			
G7				
G8				
G9				
G10				
G11				
G12				
H1	FCER1A 24			
H2	FCER1A 24			
H3	FCER1A 24			
H4	FCER1A 26			
H5	FCER1A 26			
H6	FCER1A 26			
H7				
H8				
H9				
H10				
H11				
H12				

Instrument

Name	Z480	Serial Number	56319
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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	Program	Units	
Mode	High Confidence		

Subset Name	All Samples
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Results

> -1.0e	CP	pos	N(lasmt	5ive cycles) has higher uncertainty	Type	CP	Concentration	Standard	Status
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Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	A1	GAPDH 1	Unknown	26.99			
<input checked="" type="checkbox"/>	A2	GAPDH 1	Unknown	27.00			
<input checked="" type="checkbox"/>	A3	GAPDH 1	Unknown	26.92			
<input checked="" type="checkbox"/>	A4	GAPDH 2	Unknown	30.88			
<input checked="" type="checkbox"/>	A5	GAPDH 2	Unknown	28.54			
<input checked="" type="checkbox"/>	A6	GAPDH 2	Unknown	31.58			
<input checked="" type="checkbox"/>	A7	GAPDH 3	Unknown	21.53			
<input checked="" type="checkbox"/>	A8	GAPDH 3	Unknown	21.33			
<input checked="" type="checkbox"/>	A9	GAPDH 3	Unknown	21.59			
<input checked="" type="checkbox"/>	A10	GAPDH 4	Unknown	31.85			
<input checked="" type="checkbox"/>	A11	GAPDH 4	Unknown	32.06			
<input checked="" type="checkbox"/>	A12	GAPDH 4	Unknown	24.61			
<input checked="" type="checkbox"/>	B1	FCER1A 1	Unknown	33.73			
<input checked="" type="checkbox"/>	B2	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B3	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B4	FCER1A 2	Unknown				
<input checked="" type="checkbox"/>	B5	FCER1A 2	Unknown	31.89			
<input checked="" type="checkbox"/>	B6	FCER1A 2	Unknown	33.00			
<input checked="" type="checkbox"/>	B7	FCER1A 3	Unknown	28.30			
<input checked="" type="checkbox"/>	B8	FCER1A 3	Unknown	28.24			
<input checked="" type="checkbox"/>	B9	FCER1A 3	Unknown	28.11			
<input checked="" type="checkbox"/>	B10	FCER1A 4	Unknown	32.36			
<input checked="" type="checkbox"/>	B11	FCER1A 4	Unknown	31.51			
<input checked="" type="checkbox"/>	B12	FCER1A 4	Unknown	31.62			
<input checked="" type="checkbox"/>	C1	GAPDH 5	Unknown	26.27			
<input checked="" type="checkbox"/>	C2	GAPDH 5	Unknown	25.29			
<input checked="" type="checkbox"/>	C3	GAPDH 5	Unknown	26.26			
<input checked="" type="checkbox"/>	C4	GAPDH 7	Unknown	23.09			
<input checked="" type="checkbox"/>	C5	GAPDH 7	Unknown	23.88			
<input checked="" type="checkbox"/>	C6	GAPDH 7	Unknown	23.99			
<input checked="" type="checkbox"/>	C7	GAPDH 11	Unknown	31.24			
<input checked="" type="checkbox"/>	C8	GAPDH 11	Unknown	31.46			
<input checked="" type="checkbox"/>	C9	GAPDH 11	Unknown	31.24			
<input checked="" type="checkbox"/>	C10	GAPDH 14	Unknown	23.89			
<input checked="" type="checkbox"/>	C11	GAPDH 14	Unknown	23.51			
<input checked="" type="checkbox"/>	C12	GAPDH 14	Unknown	24.00			
<input checked="" type="checkbox"/>	D1	FCER1A 5	Unknown	32.99			

> - Late Cp call (last five cycles) has higher uncertainty

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	D2	FCER1A 5	Unknown	31.88			
<input checked="" type="checkbox"/>	D3	FCER1A 5	Unknown	32.41			
<input checked="" type="checkbox"/>	D4	FCER1A 7	Unknown	31.12			
<input checked="" type="checkbox"/>	D5	FCER1A 7	Unknown	31.92			
<input checked="" type="checkbox"/>	D6	FCER1A 7	Unknown	31.28			
<input checked="" type="checkbox"/>	D7	FCER1A 11	Unknown	31.55			
<input checked="" type="checkbox"/>	D8	FCER1A 11	Unknown	35.00			>
<input checked="" type="checkbox"/>	D9	FCER1A 11	Unknown	33.80			
<input checked="" type="checkbox"/>	D10	FCER1A 14	Unknown	32.30			
<input checked="" type="checkbox"/>	D11	FCER1A 14	Unknown	31.67			
<input checked="" type="checkbox"/>	D12	FCER1A 14	Unknown	31.21			
<input checked="" type="checkbox"/>	E1	GAPDH 15	Unknown	22.94			
<input checked="" type="checkbox"/>	E2	GAPDH 15	Unknown	22.68			
<input checked="" type="checkbox"/>	E3	GAPDH 15	Unknown	22.51			
<input checked="" type="checkbox"/>	E4	GAPDH 18	Unknown	23.62			
<input checked="" type="checkbox"/>	E5	GAPDH 18	Unknown	23.66			
<input checked="" type="checkbox"/>	E6	GAPDH 18	Unknown	23.62			
<input checked="" type="checkbox"/>	E7	GAPDH 19	Unknown	22.90			
<input checked="" type="checkbox"/>	E8	GAPDH 19	Unknown	23.00			
<input checked="" type="checkbox"/>	E9	GAPDH 19	Unknown	24.31			
<input checked="" type="checkbox"/>	E10	GAPDH 20	Unknown	22.95			
<input checked="" type="checkbox"/>	E11	GAPDH 20	Unknown	22.85			
<input checked="" type="checkbox"/>	E12	GAPDH 20	Unknown	22.86			
<input checked="" type="checkbox"/>	F1	FCER1A 15	Unknown	32.29			
<input checked="" type="checkbox"/>	F2	FCER1A 15	Unknown	31.06			
<input checked="" type="checkbox"/>	F3	FCER1A 15	Unknown	31.63			
<input checked="" type="checkbox"/>	F4	FCER1A 18	Unknown	29.90			
<input checked="" type="checkbox"/>	F5	FCER1A 18	Unknown	30.62			
<input checked="" type="checkbox"/>	F6	FCER1A 18	Unknown	31.15			
<input checked="" type="checkbox"/>	F7	FCER1A 19	Unknown	29.75			
<input checked="" type="checkbox"/>	F8	FCER1A 19	Unknown	29.98			
<input checked="" type="checkbox"/>	F9	FCER1A 19	Unknown	30.63			
<input checked="" type="checkbox"/>	F10	FCER1A 20	Unknown	30.12			
<input checked="" type="checkbox"/>	F11	FCER1A 20	Unknown	31.40			
<input checked="" type="checkbox"/>	F12	FCER1A 20	Unknown	30.90			
<input checked="" type="checkbox"/>	G1	GAPDH 24	Unknown	21.98			
<input checked="" type="checkbox"/>	G2	GAPDH 24	Unknown	21.79			

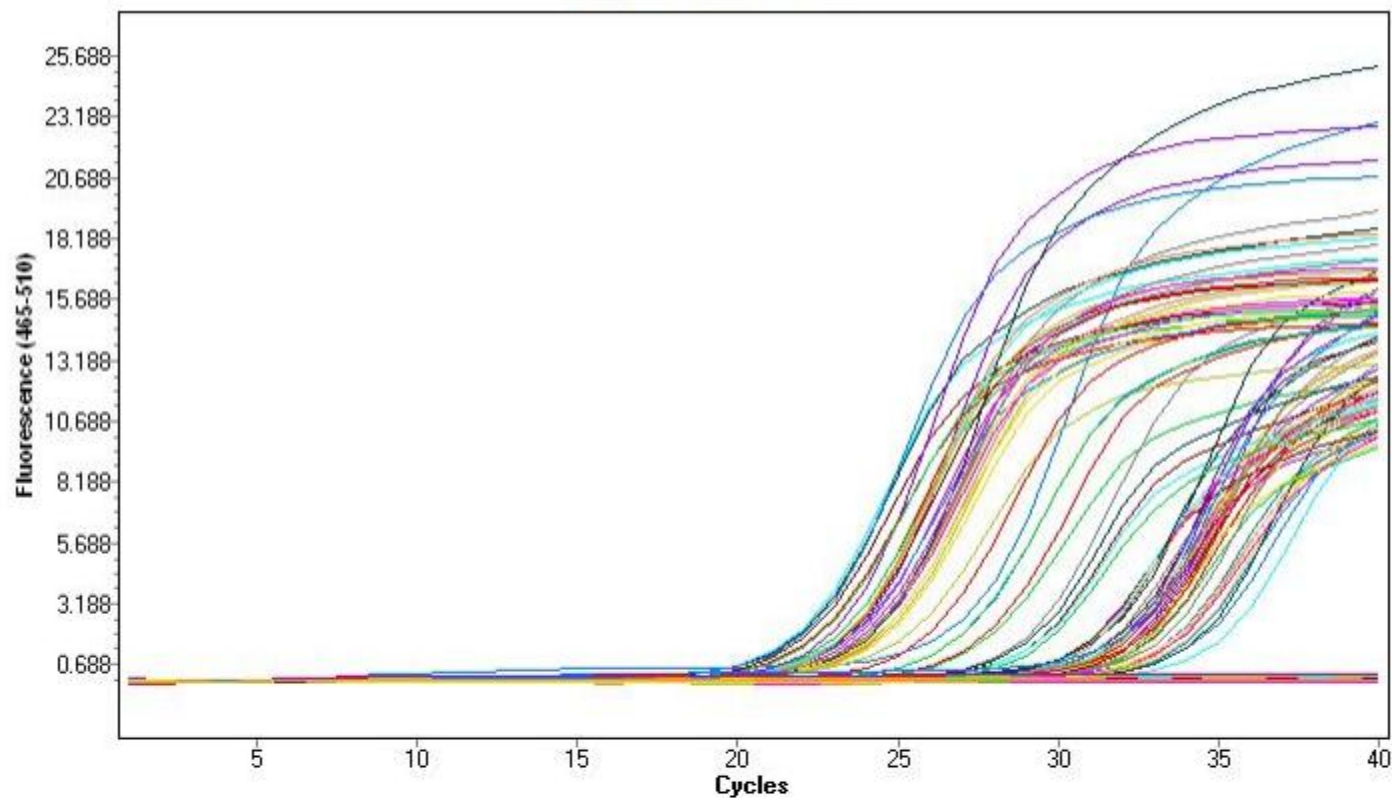
> - Late Cp call (last five cycles) has higher uncertainty

Results

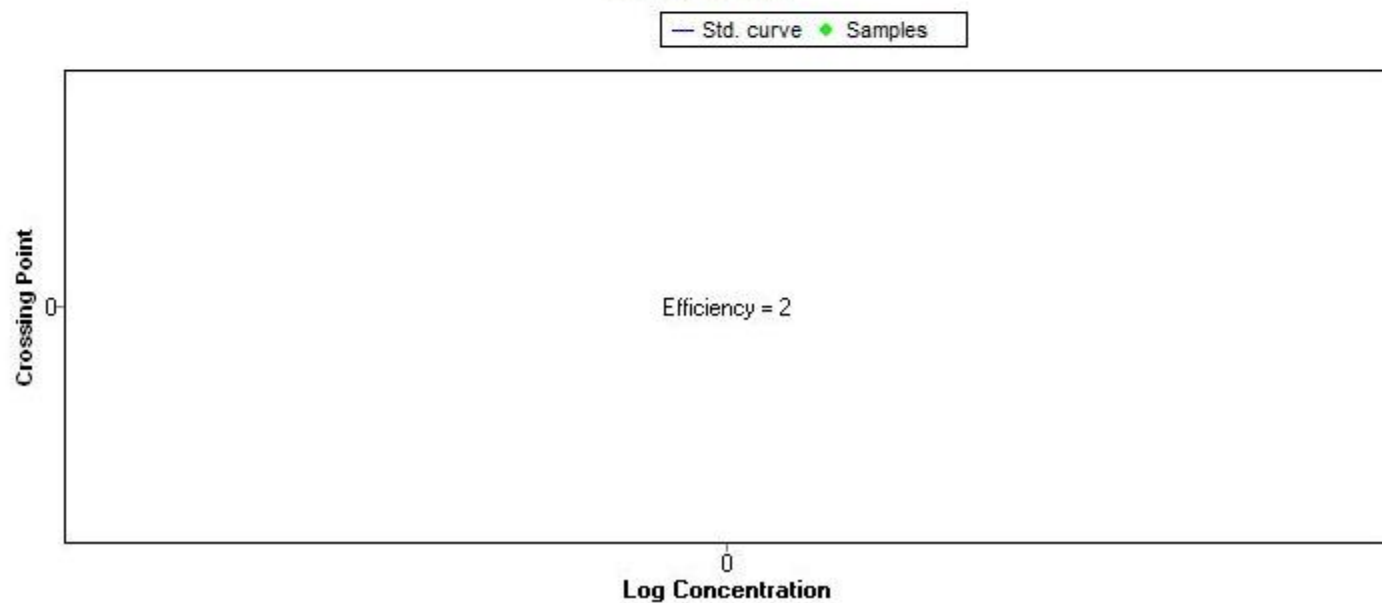
Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	G3	GAPDH 24	Unknown	21.94			
<input checked="" type="checkbox"/>	G4	GAPDH 26	Unknown	23.57			
<input checked="" type="checkbox"/>	G5	GAPDH 26	Unknown	23.78			
<input checked="" type="checkbox"/>	G6	GAPDH 26	Unknown	23.78			
<input checked="" type="checkbox"/>	G7		Unknown				
<input checked="" type="checkbox"/>	G8		Unknown				
<input checked="" type="checkbox"/>	G9		Unknown				
<input checked="" type="checkbox"/>	G10		Unknown				
<input checked="" type="checkbox"/>	G11		Unknown				
<input checked="" type="checkbox"/>	G12		Unknown				
<input checked="" type="checkbox"/>	H1	FCER1A 24	Unknown	31.74			
<input checked="" type="checkbox"/>	H2	FCER1A 24	Unknown	31.81			
<input checked="" type="checkbox"/>	H3	FCER1A 24	Unknown	28.46			
<input checked="" type="checkbox"/>	H4	FCER1A 26	Unknown	32.63			
<input checked="" type="checkbox"/>	H5	FCER1A 26	Unknown	32.42			
<input checked="" type="checkbox"/>	H6	FCER1A 26	Unknown	32.34			
<input checked="" type="checkbox"/>	H7		Unknown				
<input checked="" type="checkbox"/>	H8		Unknown				
<input checked="" type="checkbox"/>	H9		Unknown				
<input checked="" type="checkbox"/>	H10		Unknown				
<input checked="" type="checkbox"/>	H11		Unknown				
<input checked="" type="checkbox"/>	H12		Unknown				

> - Late Cp call (last five cycles) has higher uncertainty

Amplification Curves



Standard Curve



Analysis Notes

Abs Quant/2nd Derivative Max for All Samples (1) (Abs Quant/2nd Derivative Max)

Settings

Channel	465-510		
Color Compensation	Off		
Program	Program	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	GAPDH 1	Unknown				
<input checked="" type="checkbox"/>	A2	GAPDH 1	Unknown				
<input checked="" type="checkbox"/>	A3	GAPDH 1	Unknown				
<input checked="" type="checkbox"/>	A4	GAPDH 2	Unknown				
<input checked="" type="checkbox"/>	A5	GAPDH 2	Unknown				
<input checked="" type="checkbox"/>	A6	GAPDH 2	Unknown				
<input checked="" type="checkbox"/>	A7	GAPDH 3	Unknown				
<input checked="" type="checkbox"/>	A8	GAPDH 3	Unknown				
<input checked="" type="checkbox"/>	A9	GAPDH 3	Unknown				
<input checked="" type="checkbox"/>	A10	GAPDH 4	Unknown				
<input checked="" type="checkbox"/>	A11	GAPDH 4	Unknown				
<input checked="" type="checkbox"/>	A12	GAPDH 4	Unknown				
<input checked="" type="checkbox"/>	B1	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B2	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B3	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B4	FCER1A 2	Unknown				
<input checked="" type="checkbox"/>	B5	FCER1A 2	Unknown				
<input checked="" type="checkbox"/>	B6	FCER1A 2	Unknown				
<input checked="" type="checkbox"/>	B7	FCER1A 3	Unknown				
<input checked="" type="checkbox"/>	B8	FCER1A 3	Unknown				
<input checked="" type="checkbox"/>	B9	FCER1A 3	Unknown				
<input checked="" type="checkbox"/>	B10	FCER1A 4	Unknown				
<input checked="" type="checkbox"/>	B11	FCER1A 4	Unknown				
<input checked="" type="checkbox"/>	B12	FCER1A 4	Unknown				
<input checked="" type="checkbox"/>	C1	GAPDH 5	Unknown				
<input checked="" type="checkbox"/>	C2	GAPDH 5	Unknown				
<input checked="" type="checkbox"/>	C3	GAPDH 5	Unknown				
<input checked="" type="checkbox"/>	C4	GAPDH 7	Unknown				
<input checked="" type="checkbox"/>	C5	GAPDH 7	Unknown				
<input checked="" type="checkbox"/>	C6	GAPDH 7	Unknown				

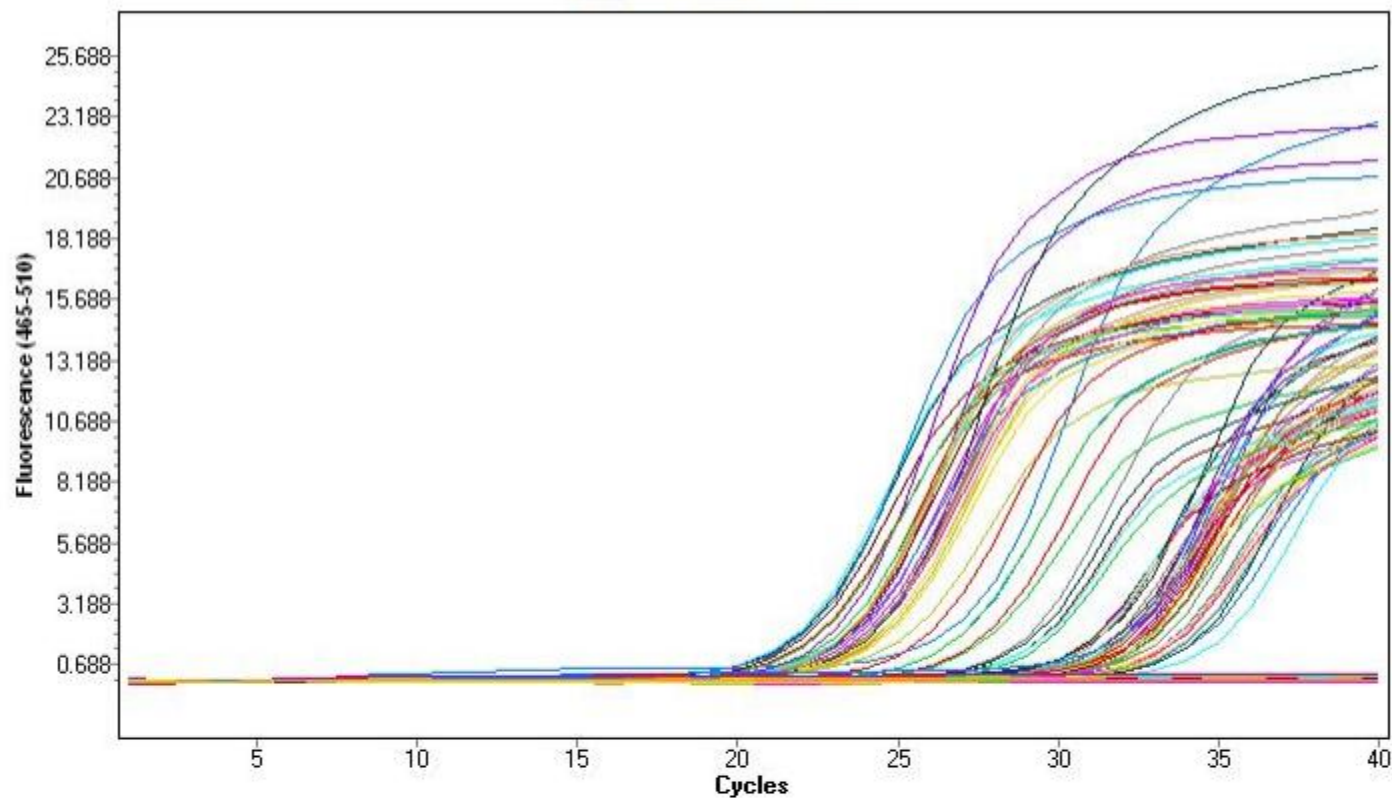
Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	C7	GAPDH 11	Unknown				
<input checked="" type="checkbox"/>	C8	GAPDH 11	Unknown				
<input checked="" type="checkbox"/>	C9	GAPDH 11	Unknown				
<input checked="" type="checkbox"/>	C10	GAPDH 14	Unknown				
<input checked="" type="checkbox"/>	C11	GAPDH 14	Unknown				
<input checked="" type="checkbox"/>	C12	GAPDH 14	Unknown				
<input checked="" type="checkbox"/>	D1	FCER1A 5	Unknown				
<input checked="" type="checkbox"/>	D2	FCER1A 5	Unknown				
<input checked="" type="checkbox"/>	D3	FCER1A 5	Unknown				
<input checked="" type="checkbox"/>	D4	FCER1A 7	Unknown				
<input checked="" type="checkbox"/>	D5	FCER1A 7	Unknown				
<input checked="" type="checkbox"/>	D6	FCER1A 7	Unknown				
<input checked="" type="checkbox"/>	D7	FCER1A 11	Unknown				
<input checked="" type="checkbox"/>	D8	FCER1A 11	Unknown				
<input checked="" type="checkbox"/>	D9	FCER1A 11	Unknown				
<input checked="" type="checkbox"/>	D10	FCER1A 14	Unknown				
<input checked="" type="checkbox"/>	D11	FCER1A 14	Unknown				
<input checked="" type="checkbox"/>	D12	FCER1A 14	Unknown				
<input checked="" type="checkbox"/>	E1	GAPDH 15	Unknown				
<input checked="" type="checkbox"/>	E2	GAPDH 15	Unknown				
<input checked="" type="checkbox"/>	E3	GAPDH 15	Unknown				
<input checked="" type="checkbox"/>	E4	GAPDH 18	Unknown				
<input checked="" type="checkbox"/>	E5	GAPDH 18	Unknown				
<input checked="" type="checkbox"/>	E6	GAPDH 18	Unknown				
<input checked="" type="checkbox"/>	E7	GAPDH 19	Unknown				
<input checked="" type="checkbox"/>	E8	GAPDH 19	Unknown				
<input checked="" type="checkbox"/>	E9	GAPDH 19	Unknown				
<input checked="" type="checkbox"/>	E10	GAPDH 20	Unknown				
<input checked="" type="checkbox"/>	E11	GAPDH 20	Unknown				
<input checked="" type="checkbox"/>	E12	GAPDH 20	Unknown				
<input checked="" type="checkbox"/>	F1	FCER1A 15	Unknown				
<input checked="" type="checkbox"/>	F2	FCER1A 15	Unknown				
<input checked="" type="checkbox"/>	F3	FCER1A 15	Unknown				
<input checked="" type="checkbox"/>	F4	FCER1A 18	Unknown				
<input checked="" type="checkbox"/>	F5	FCER1A 18	Unknown				
<input checked="" type="checkbox"/>	F6	FCER1A 18	Unknown				
<input checked="" type="checkbox"/>	F7	FCER1A 19	Unknown				

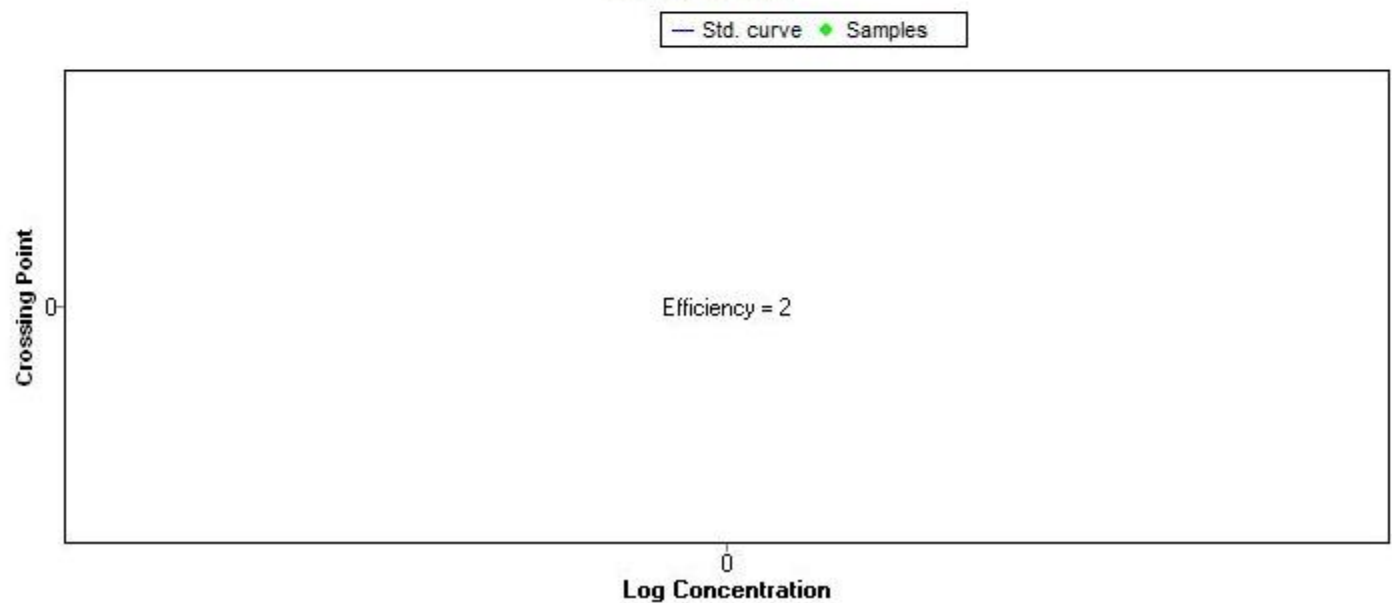
Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	F8	FCER1A 19	Unknown				
<input checked="" type="checkbox"/>	F9	FCER1A 19	Unknown				
<input checked="" type="checkbox"/>	F10	FCER1A 20	Unknown				
<input checked="" type="checkbox"/>	F11	FCER1A 20	Unknown				
<input checked="" type="checkbox"/>	F12	FCER1A 20	Unknown				
<input checked="" type="checkbox"/>	G1	GAPDH 24	Unknown				
<input checked="" type="checkbox"/>	G2	GAPDH 24	Unknown				
<input checked="" type="checkbox"/>	G3	GAPDH 24	Unknown				
<input checked="" type="checkbox"/>	G4	GAPDH 26	Unknown				
<input checked="" type="checkbox"/>	G5	GAPDH 26	Unknown				
<input checked="" type="checkbox"/>	G6	GAPDH 26	Unknown				
<input checked="" type="checkbox"/>	G7		Unknown				
<input checked="" type="checkbox"/>	G8		Unknown				
<input checked="" type="checkbox"/>	G9		Unknown				
<input checked="" type="checkbox"/>	G10		Unknown				
<input checked="" type="checkbox"/>	G11		Unknown				
<input checked="" type="checkbox"/>	G12		Unknown				
<input checked="" type="checkbox"/>	H1	FCER1A 24	Unknown				
<input checked="" type="checkbox"/>	H2	FCER1A 24	Unknown				
<input checked="" type="checkbox"/>	H3	FCER1A 24	Unknown				
<input checked="" type="checkbox"/>	H4	FCER1A 26	Unknown				
<input checked="" type="checkbox"/>	H5	FCER1A 26	Unknown				
<input checked="" type="checkbox"/>	H6	FCER1A 26	Unknown				
<input checked="" type="checkbox"/>	H7		Unknown				
<input checked="" type="checkbox"/>	H8		Unknown				
<input checked="" type="checkbox"/>	H9		Unknown				
<input checked="" type="checkbox"/>	H10		Unknown				
<input checked="" type="checkbox"/>	H11		Unknown				
<input checked="" type="checkbox"/>	H12		Unknown				

Amplification Curves



Standard Curve



Analysis Notes

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

Settings

Channel	465-510		
Color Compensation	Off		
Program	Program	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	GAPDH 1	Unknown	26.99			
<input checked="" type="checkbox"/>	A2	GAPDH 1	Unknown	27.00			
<input checked="" type="checkbox"/>	A3	GAPDH 1	Unknown	26.92			
<input checked="" type="checkbox"/>	A4	GAPDH 2	Unknown	30.88			
<input checked="" type="checkbox"/>	A5	GAPDH 2	Unknown	28.54			
<input checked="" type="checkbox"/>	A6	GAPDH 2	Unknown	31.58			
<input checked="" type="checkbox"/>	A7	GAPDH 3	Unknown	21.53			
<input checked="" type="checkbox"/>	A8	GAPDH 3	Unknown	21.33			
<input checked="" type="checkbox"/>	A9	GAPDH 3	Unknown	21.59			
<input checked="" type="checkbox"/>	A10	GAPDH 4	Unknown	31.85			
<input checked="" type="checkbox"/>	A11	GAPDH 4	Unknown	32.06			
<input checked="" type="checkbox"/>	A12	GAPDH 4	Unknown	24.61			
<input checked="" type="checkbox"/>	B1	FCER1A 1	Unknown	33.73			
<input checked="" type="checkbox"/>	B2	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B3	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B4	FCER1A 2	Unknown				
<input checked="" type="checkbox"/>	B5	FCER1A 2	Unknown	31.89			
<input checked="" type="checkbox"/>	B6	FCER1A 2	Unknown	33.00			
<input checked="" type="checkbox"/>	B7	FCER1A 3	Unknown	28.30			
<input checked="" type="checkbox"/>	B8	FCER1A 3	Unknown	28.24			
<input checked="" type="checkbox"/>	B9	FCER1A 3	Unknown	28.11			
<input checked="" type="checkbox"/>	B10	FCER1A 4	Unknown	32.36			
<input checked="" type="checkbox"/>	B11	FCER1A 4	Unknown	31.51			
<input checked="" type="checkbox"/>	B12	FCER1A 4	Unknown	31.62			
<input checked="" type="checkbox"/>	C1	GAPDH 5	Unknown	26.27			
<input checked="" type="checkbox"/>	C2	GAPDH 5	Unknown	25.29			
<input checked="" type="checkbox"/>	C3	GAPDH 5	Unknown	26.26			
<input checked="" type="checkbox"/>	C4	GAPDH 7	Unknown	23.09			
<input checked="" type="checkbox"/>	C5	GAPDH 7	Unknown	23.88			
<input checked="" type="checkbox"/>	C6	GAPDH 7	Unknown	23.99			

> - Late Cp call (last five cycles) has higher uncertainty

Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	C7	GAPDH 11	Unknown	31.24			
<input checked="" type="checkbox"/>	C8	GAPDH 11	Unknown	31.46			
<input checked="" type="checkbox"/>	C9	GAPDH 11	Unknown	31.24			
<input checked="" type="checkbox"/>	C10	GAPDH 14	Unknown	23.89			
<input checked="" type="checkbox"/>	C11	GAPDH 14	Unknown	23.51			
<input checked="" type="checkbox"/>	C12	GAPDH 14	Unknown	24.00			
<input checked="" type="checkbox"/>	D1	FCER1A 5	Unknown	32.99			
<input checked="" type="checkbox"/>	D2	FCER1A 5	Unknown	31.88			
<input checked="" type="checkbox"/>	D3	FCER1A 5	Unknown	32.41			
<input checked="" type="checkbox"/>	D4	FCER1A 7	Unknown	31.12			
<input checked="" type="checkbox"/>	D5	FCER1A 7	Unknown	31.92			
<input checked="" type="checkbox"/>	D6	FCER1A 7	Unknown	31.28			
<input checked="" type="checkbox"/>	D7	FCER1A 11	Unknown	31.55			
<input checked="" type="checkbox"/>	D8	FCER1A 11	Unknown	35.00			>
<input checked="" type="checkbox"/>	D9	FCER1A 11	Unknown	33.80			
<input checked="" type="checkbox"/>	D10	FCER1A 14	Unknown	32.30			
<input checked="" type="checkbox"/>	D11	FCER1A 14	Unknown	31.67			
<input checked="" type="checkbox"/>	D12	FCER1A 14	Unknown	31.21			
<input checked="" type="checkbox"/>	E1	GAPDH 15	Unknown	22.94			
<input checked="" type="checkbox"/>	E2	GAPDH 15	Unknown	22.68			
<input checked="" type="checkbox"/>	E3	GAPDH 15	Unknown	22.51			
<input checked="" type="checkbox"/>	E4	GAPDH 18	Unknown	23.62			
<input checked="" type="checkbox"/>	E5	GAPDH 18	Unknown	23.66			
<input checked="" type="checkbox"/>	E6	GAPDH 18	Unknown	23.62			
<input checked="" type="checkbox"/>	E7	GAPDH 19	Unknown	22.90			
<input checked="" type="checkbox"/>	E8	GAPDH 19	Unknown	23.00			
<input checked="" type="checkbox"/>	E9	GAPDH 19	Unknown	24.31			
<input checked="" type="checkbox"/>	E10	GAPDH 20	Unknown	22.95			
<input checked="" type="checkbox"/>	E11	GAPDH 20	Unknown	22.85			
<input checked="" type="checkbox"/>	E12	GAPDH 20	Unknown	22.86			
<input checked="" type="checkbox"/>	F1	FCER1A 15	Unknown	32.29			
<input checked="" type="checkbox"/>	F2	FCER1A 15	Unknown	31.06			
<input checked="" type="checkbox"/>	F3	FCER1A 15	Unknown	31.63			
<input checked="" type="checkbox"/>	F4	FCER1A 18	Unknown	29.90			
<input checked="" type="checkbox"/>	F5	FCER1A 18	Unknown	30.62			
<input checked="" type="checkbox"/>	F6	FCER1A 18	Unknown	31.15			
<input checked="" type="checkbox"/>	F7	FCER1A 19	Unknown	29.75			

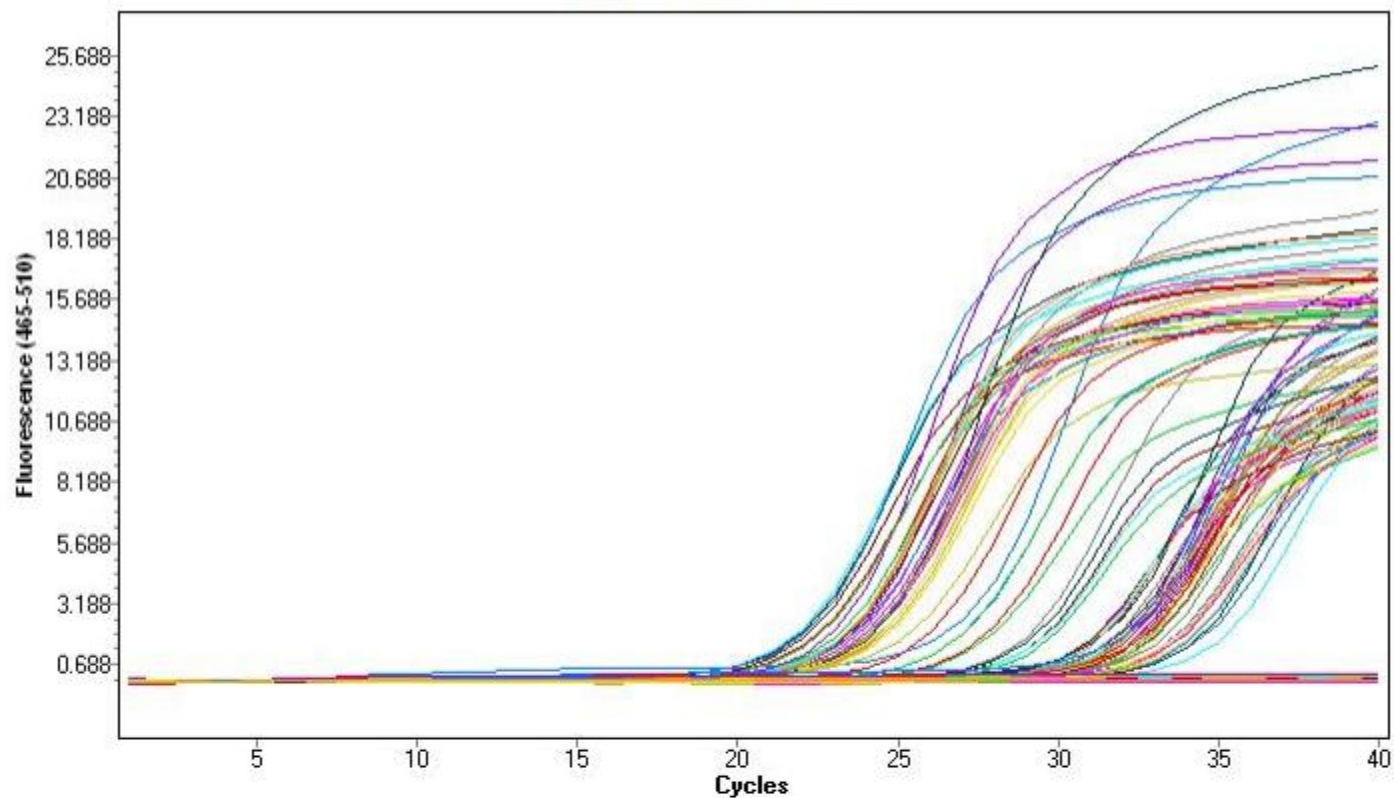
> - Late Cp call (last five cycles) has higher uncertainty

Results

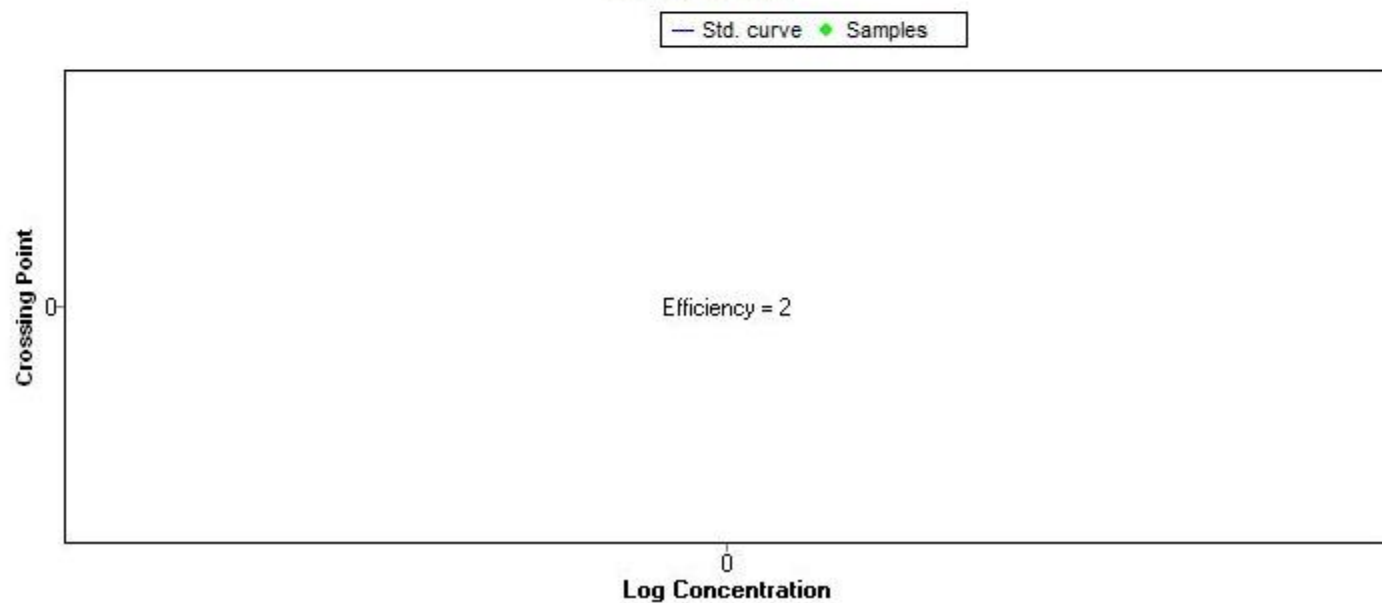
Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	F8	FCER1A 19	Unknown	29.98			
<input checked="" type="checkbox"/>	F9	FCER1A 19	Unknown	30.63			
<input checked="" type="checkbox"/>	F10	FCER1A 20	Unknown	30.12			
<input checked="" type="checkbox"/>	F11	FCER1A 20	Unknown	31.40			
<input checked="" type="checkbox"/>	F12	FCER1A 20	Unknown	30.90			
<input checked="" type="checkbox"/>	G1	GAPDH 24	Unknown	21.98			
<input checked="" type="checkbox"/>	G2	GAPDH 24	Unknown	21.79			
<input checked="" type="checkbox"/>	G3	GAPDH 24	Unknown	21.94			
<input checked="" type="checkbox"/>	G4	GAPDH 26	Unknown	23.57			
<input checked="" type="checkbox"/>	G5	GAPDH 26	Unknown	23.78			
<input checked="" type="checkbox"/>	G6	GAPDH 26	Unknown	23.78			
<input checked="" type="checkbox"/>	G7		Unknown				
<input checked="" type="checkbox"/>	G8		Unknown				
<input checked="" type="checkbox"/>	G9		Unknown				
<input checked="" type="checkbox"/>	G10		Unknown				
<input checked="" type="checkbox"/>	G11		Unknown				
<input checked="" type="checkbox"/>	G12		Unknown				
<input checked="" type="checkbox"/>	H1	FCER1A 24	Unknown	31.74			
<input checked="" type="checkbox"/>	H2	FCER1A 24	Unknown	31.81			
<input checked="" type="checkbox"/>	H3	FCER1A 24	Unknown	28.46			
<input checked="" type="checkbox"/>	H4	FCER1A 26	Unknown	32.63			
<input checked="" type="checkbox"/>	H5	FCER1A 26	Unknown	32.42			
<input checked="" type="checkbox"/>	H6	FCER1A 26	Unknown	32.34			
<input checked="" type="checkbox"/>	H7		Unknown				
<input checked="" type="checkbox"/>	H8		Unknown				
<input checked="" type="checkbox"/>	H9		Unknown				
<input checked="" type="checkbox"/>	H10		Unknown				
<input checked="" type="checkbox"/>	H11		Unknown				
<input checked="" type="checkbox"/>	H12		Unknown				

> - Late Cp call (last five cycles) has higher uncertainty

Amplification Curves



Standard Curve



Analysis Notes

Abs Quant/Fit Points for All Samples (Abs Quant/Fit Points)

Settings

Channel	465-510					
Color Compensation	Off					
Standard Curve	Set Efficiency (2.00)					
Program	Program				Units	
First Cycle	1	Last Cycle	40	Background	2-6	
Noiseband Method	Auto	Noiseband	0.5193	STD Dev Multiplier	12.0000	
# of Fit Points	2	Threshold Method	Auto	Threshold	0.5193	

Subset Name	All Samples
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Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	A1	GAPDH 1	Unknown	9.86			
<input checked="" type="checkbox"/>	A2	GAPDH 1	Unknown	25.08			
<input checked="" type="checkbox"/>	A3	GAPDH 1	Unknown	24.98			
<input checked="" type="checkbox"/>	A4	GAPDH 2	Unknown	29.63			
<input checked="" type="checkbox"/>	A5	GAPDH 2	Unknown	26.46			
<input checked="" type="checkbox"/>	A6	GAPDH 2	Unknown	29.61			
<input checked="" type="checkbox"/>	A7	GAPDH 3	Unknown	19.44			
<input checked="" type="checkbox"/>	A8	GAPDH 3	Unknown	18.81			
<input checked="" type="checkbox"/>	A9	GAPDH 3	Unknown	18.79			
<input checked="" type="checkbox"/>	A10	GAPDH 4	Unknown	30.00			
<input checked="" type="checkbox"/>	A11	GAPDH 4	Unknown	29.96			
<input checked="" type="checkbox"/>	A12	GAPDH 4	Unknown	19.05			
<input checked="" type="checkbox"/>	B1	FCER1A 1	Unknown	31.68			
<input checked="" type="checkbox"/>	B2	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B3	FCER1A 1	Unknown				
<input checked="" type="checkbox"/>	B4	FCER1A 2	Unknown				
<input checked="" type="checkbox"/>	B5	FCER1A 2	Unknown	30.31			
<input checked="" type="checkbox"/>	B6	FCER1A 2	Unknown	31.50			
<input checked="" type="checkbox"/>	B7	FCER1A 3	Unknown	26.83			
<input checked="" type="checkbox"/>	B8	FCER1A 3	Unknown	26.94			
<input checked="" type="checkbox"/>	B9	FCER1A 3	Unknown	26.54			
<input checked="" type="checkbox"/>	B10	FCER1A 4	Unknown	31.36			
<input checked="" type="checkbox"/>	B11	FCER1A 4	Unknown	30.21			
<input checked="" type="checkbox"/>	B12	FCER1A 4	Unknown	30.41			
<input checked="" type="checkbox"/>	C1	GAPDH 5	Unknown	24.39			
<input checked="" type="checkbox"/>	C2	GAPDH 5	Unknown	23.27			
<input checked="" type="checkbox"/>	C3	GAPDH 5	Unknown	24.24			

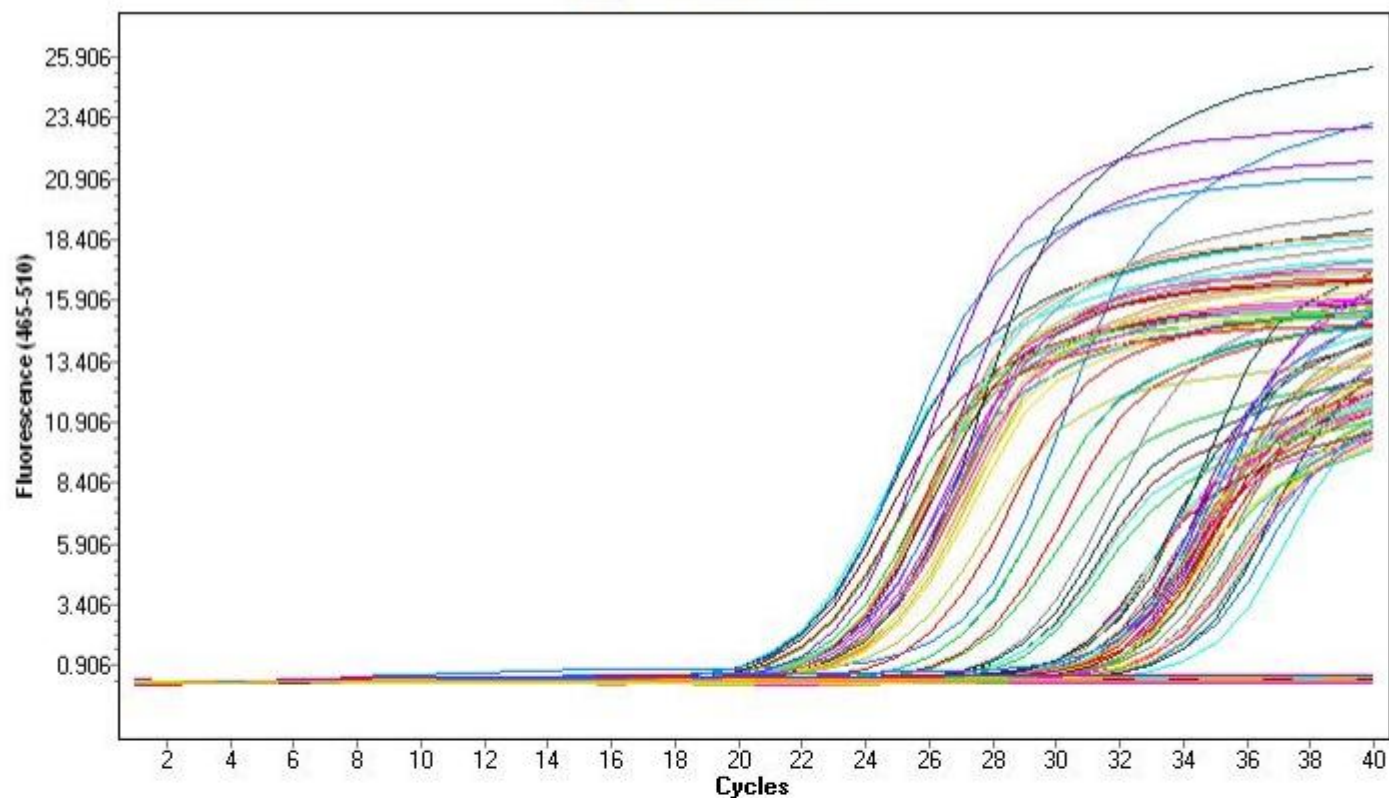
Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	C4	GAPDH 7	Unknown	21.00			
<input checked="" type="checkbox"/>	C5	GAPDH 7	Unknown	20.65			
<input checked="" type="checkbox"/>	C6	GAPDH 7	Unknown	21.58			
<input checked="" type="checkbox"/>	C7	GAPDH 11	Unknown	28.87			
<input checked="" type="checkbox"/>	C8	GAPDH 11	Unknown	29.28			
<input checked="" type="checkbox"/>	C9	GAPDH 11	Unknown	27.40			
<input checked="" type="checkbox"/>	C10	GAPDH 14	Unknown	21.58			
<input checked="" type="checkbox"/>	C11	GAPDH 14	Unknown	20.69			
<input checked="" type="checkbox"/>	C12	GAPDH 14	Unknown	21.76			
<input checked="" type="checkbox"/>	D1	FCER1A 5	Unknown	31.65			
<input checked="" type="checkbox"/>	D2	FCER1A 5	Unknown	30.57			
<input checked="" type="checkbox"/>	D3	FCER1A 5	Unknown	31.27			
<input checked="" type="checkbox"/>	D4	FCER1A 7	Unknown	29.38			
<input checked="" type="checkbox"/>	D5	FCER1A 7	Unknown	29.48			
<input checked="" type="checkbox"/>	D6	FCER1A 7	Unknown	29.28			
<input checked="" type="checkbox"/>	D7	FCER1A 11	Unknown	29.95			
<input checked="" type="checkbox"/>	D8	FCER1A 11	Unknown	32.44			
<input checked="" type="checkbox"/>	D9	FCER1A 11	Unknown	31.83			
<input checked="" type="checkbox"/>	D10	FCER1A 14	Unknown	30.52			
<input checked="" type="checkbox"/>	D11	FCER1A 14	Unknown	29.64			
<input checked="" type="checkbox"/>	D12	FCER1A 14	Unknown	29.58			
<input checked="" type="checkbox"/>	E1	GAPDH 15	Unknown	20.53			
<input checked="" type="checkbox"/>	E2	GAPDH 15	Unknown	20.09			
<input checked="" type="checkbox"/>	E3	GAPDH 15	Unknown	20.32			
<input checked="" type="checkbox"/>	E4	GAPDH 18	Unknown	21.37			
<input checked="" type="checkbox"/>	E5	GAPDH 18	Unknown	20.84			
<input checked="" type="checkbox"/>	E6	GAPDH 18	Unknown	21.16			
<input checked="" type="checkbox"/>	E7	GAPDH 19	Unknown	20.63			
<input checked="" type="checkbox"/>	E8	GAPDH 19	Unknown	20.41			
<input checked="" type="checkbox"/>	E9	GAPDH 19	Unknown	21.43			
<input checked="" type="checkbox"/>	E10	GAPDH 20	Unknown	20.68			
<input checked="" type="checkbox"/>	E11	GAPDH 20	Unknown	20.40			
<input checked="" type="checkbox"/>	E12	GAPDH 20	Unknown	20.56			
<input checked="" type="checkbox"/>	F1	FCER1A 15	Unknown	31.13			
<input checked="" type="checkbox"/>	F2	FCER1A 15	Unknown	29.76			
<input checked="" type="checkbox"/>	F3	FCER1A 15	Unknown	30.48			
<input checked="" type="checkbox"/>	F4	FCER1A 18	Unknown	28.50			

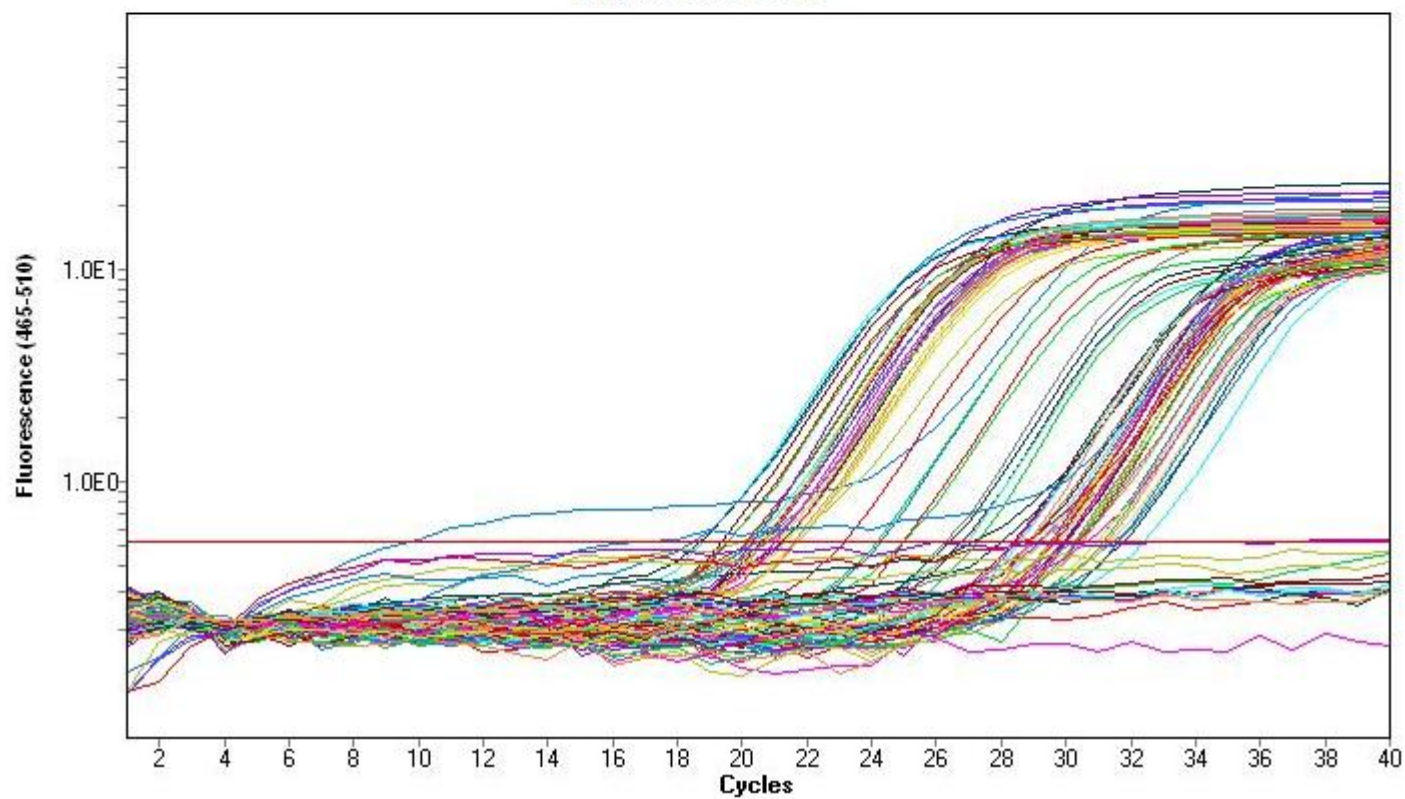
Results

Inc	Pos	Name	Type	CP	Concentration	Standard	Status
<input checked="" type="checkbox"/>	F5	FCER1A 18	Unknown	28.89			
<input checked="" type="checkbox"/>	F6	FCER1A 18	Unknown	29.81			
<input checked="" type="checkbox"/>	F7	FCER1A 19	Unknown	28.49			
<input checked="" type="checkbox"/>	F8	FCER1A 19	Unknown	28.61			
<input checked="" type="checkbox"/>	F9	FCER1A 19	Unknown	27.97			
<input checked="" type="checkbox"/>	F10	FCER1A 20	Unknown	28.84			
<input checked="" type="checkbox"/>	F11	FCER1A 20	Unknown	29.55			
<input checked="" type="checkbox"/>	F12	FCER1A 20	Unknown	29.63			
<input checked="" type="checkbox"/>	G1	GAPDH 24	Unknown	18.70			
<input checked="" type="checkbox"/>	G2	GAPDH 24	Unknown	19.58			
<input checked="" type="checkbox"/>	G3	GAPDH 24	Unknown	19.57			
<input checked="" type="checkbox"/>	G4	GAPDH 26	Unknown	20.99			
<input checked="" type="checkbox"/>	G5	GAPDH 26	Unknown	20.84			
<input checked="" type="checkbox"/>	G6	GAPDH 26	Unknown	21.33			
<input checked="" type="checkbox"/>	G7		Unknown				
<input checked="" type="checkbox"/>	G8		Unknown				
<input checked="" type="checkbox"/>	G9		Unknown				
<input checked="" type="checkbox"/>	G10		Unknown				
<input checked="" type="checkbox"/>	G11		Unknown				
<input checked="" type="checkbox"/>	G12		Unknown				
<input checked="" type="checkbox"/>	H1	FCER1A 24	Unknown	16.54			
<input checked="" type="checkbox"/>	H2	FCER1A 24	Unknown	28.81			
<input checked="" type="checkbox"/>	H3	FCER1A 24	Unknown	27.34			
<input checked="" type="checkbox"/>	H4	FCER1A 26	Unknown	30.78			
<input checked="" type="checkbox"/>	H5	FCER1A 26	Unknown	30.54			
<input checked="" type="checkbox"/>	H6	FCER1A 26	Unknown	31.00			
<input checked="" type="checkbox"/>	H7		Unknown				
<input checked="" type="checkbox"/>	H8		Unknown				
<input checked="" type="checkbox"/>	H9		Unknown				
<input checked="" type="checkbox"/>	H10		Unknown				
<input checked="" type="checkbox"/>	H11		Unknown	36.28			
<input checked="" type="checkbox"/>	H12		Unknown				

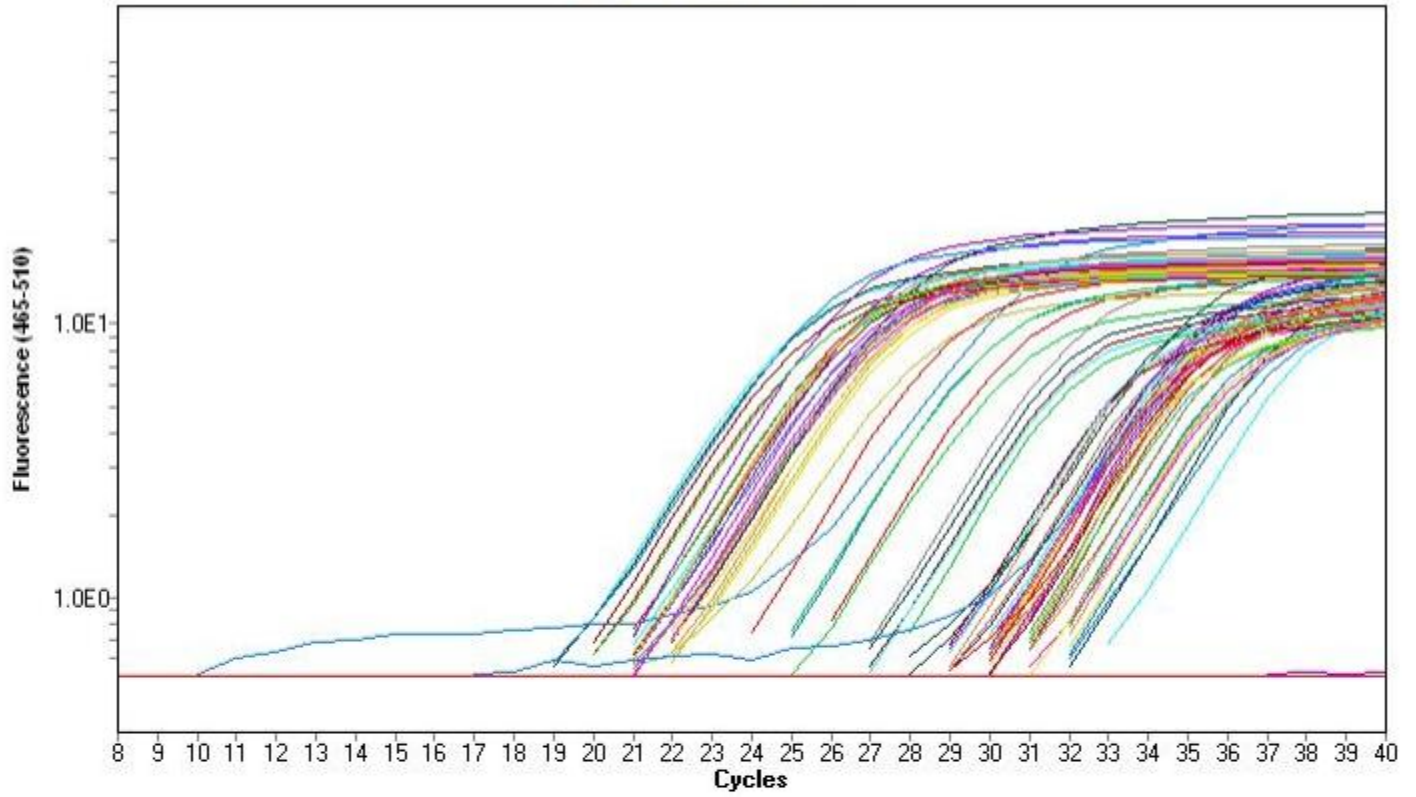
Amplification Curves



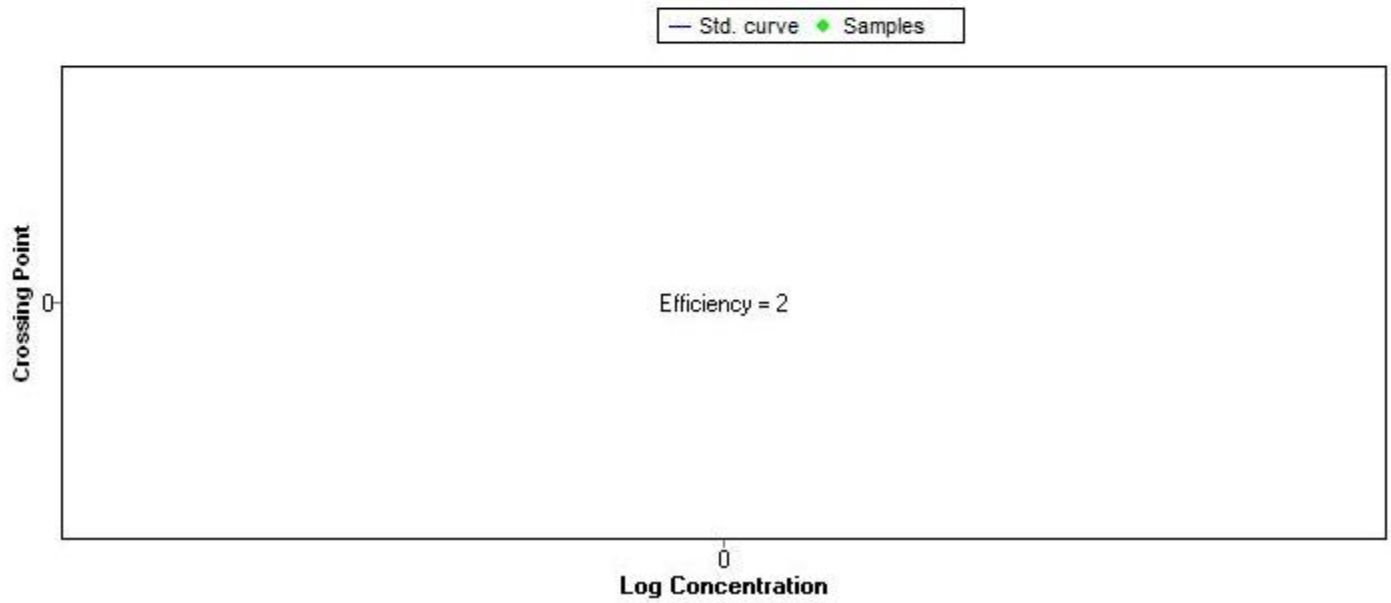
Amplification Curves



Amplification Curves

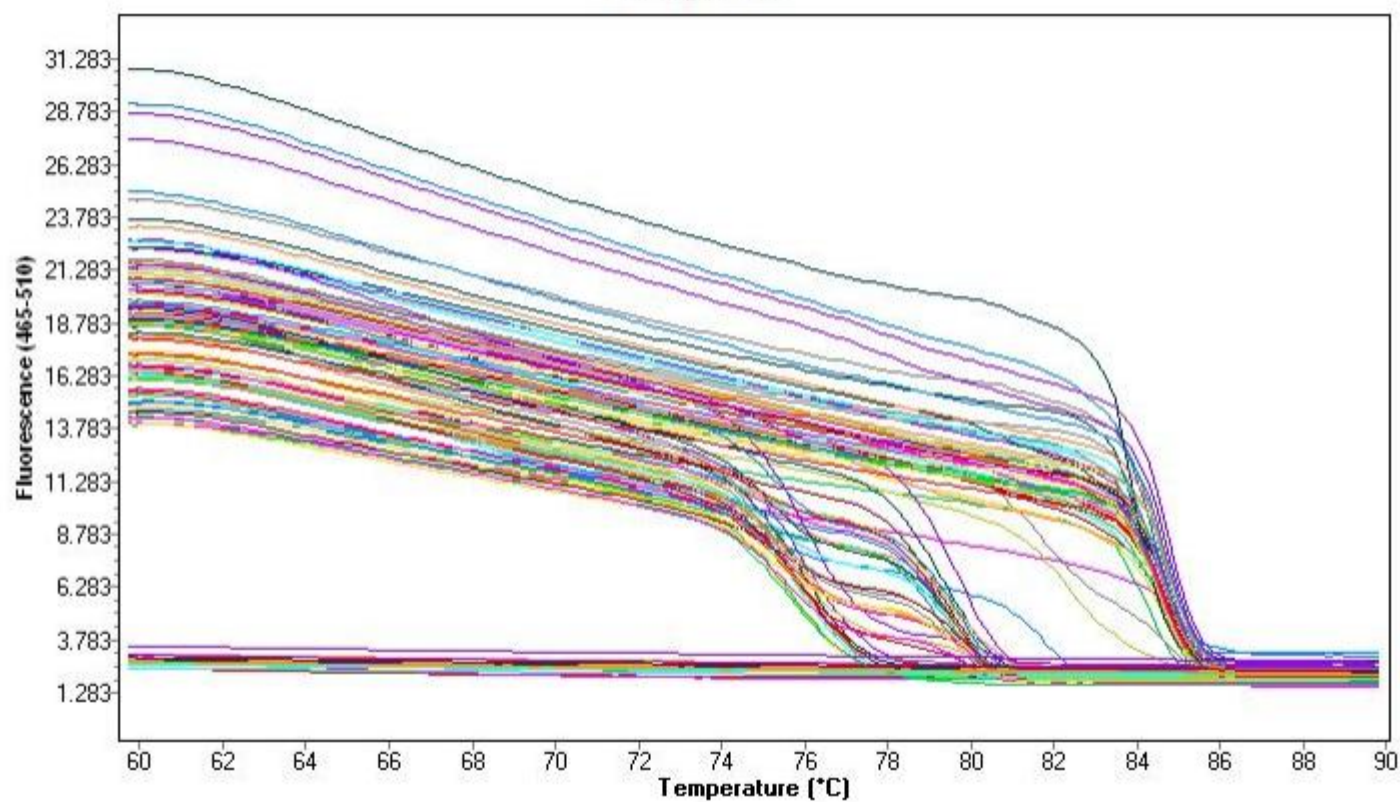


Standard Curve

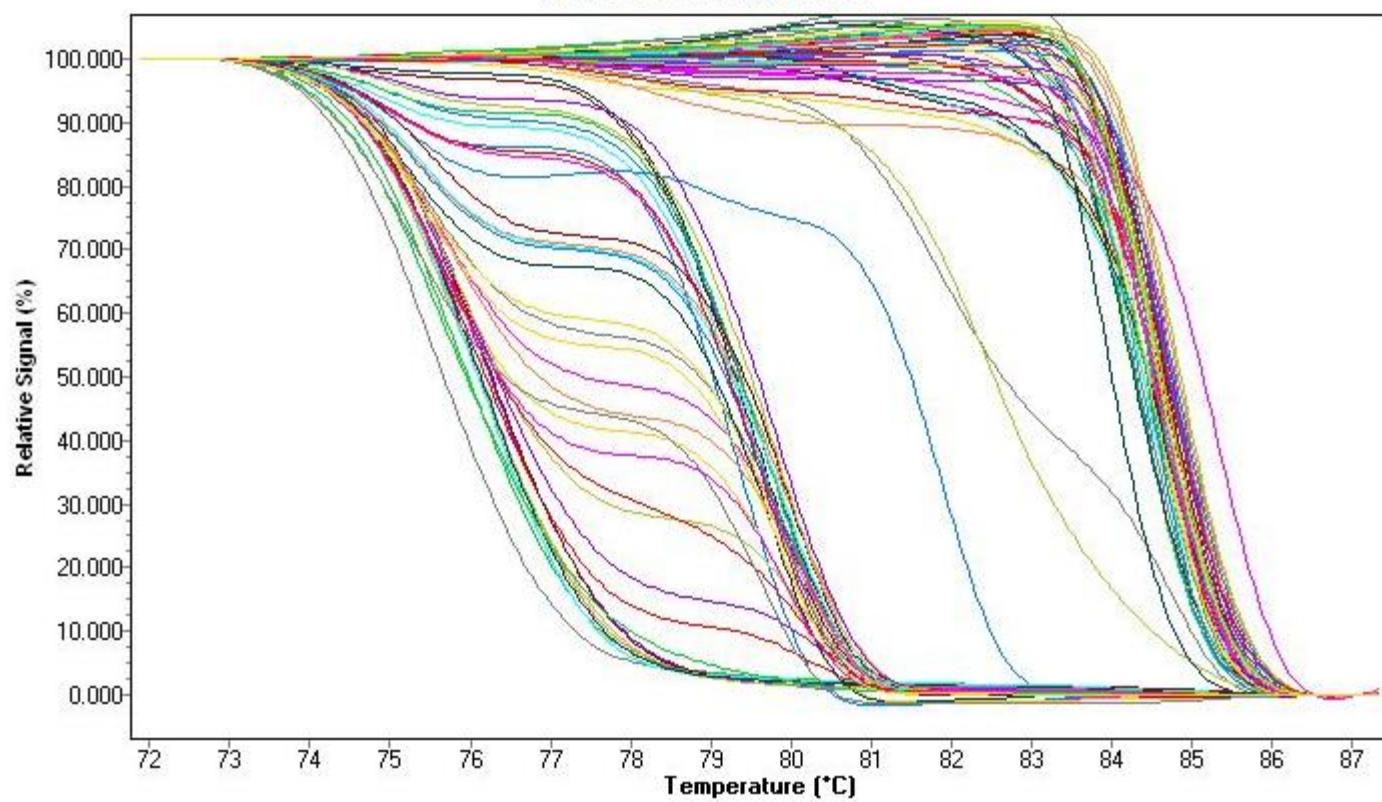


Analysis Notes

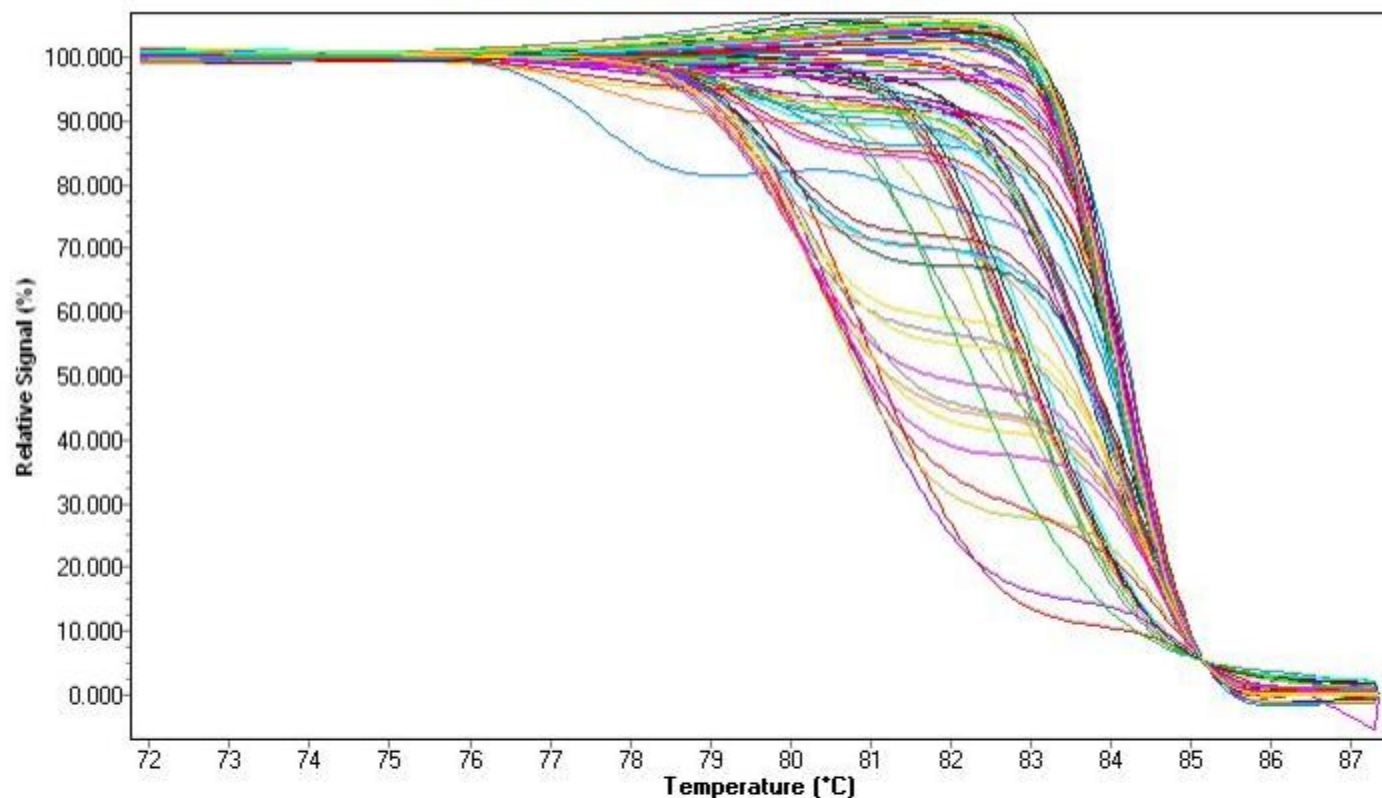
Melting Curves



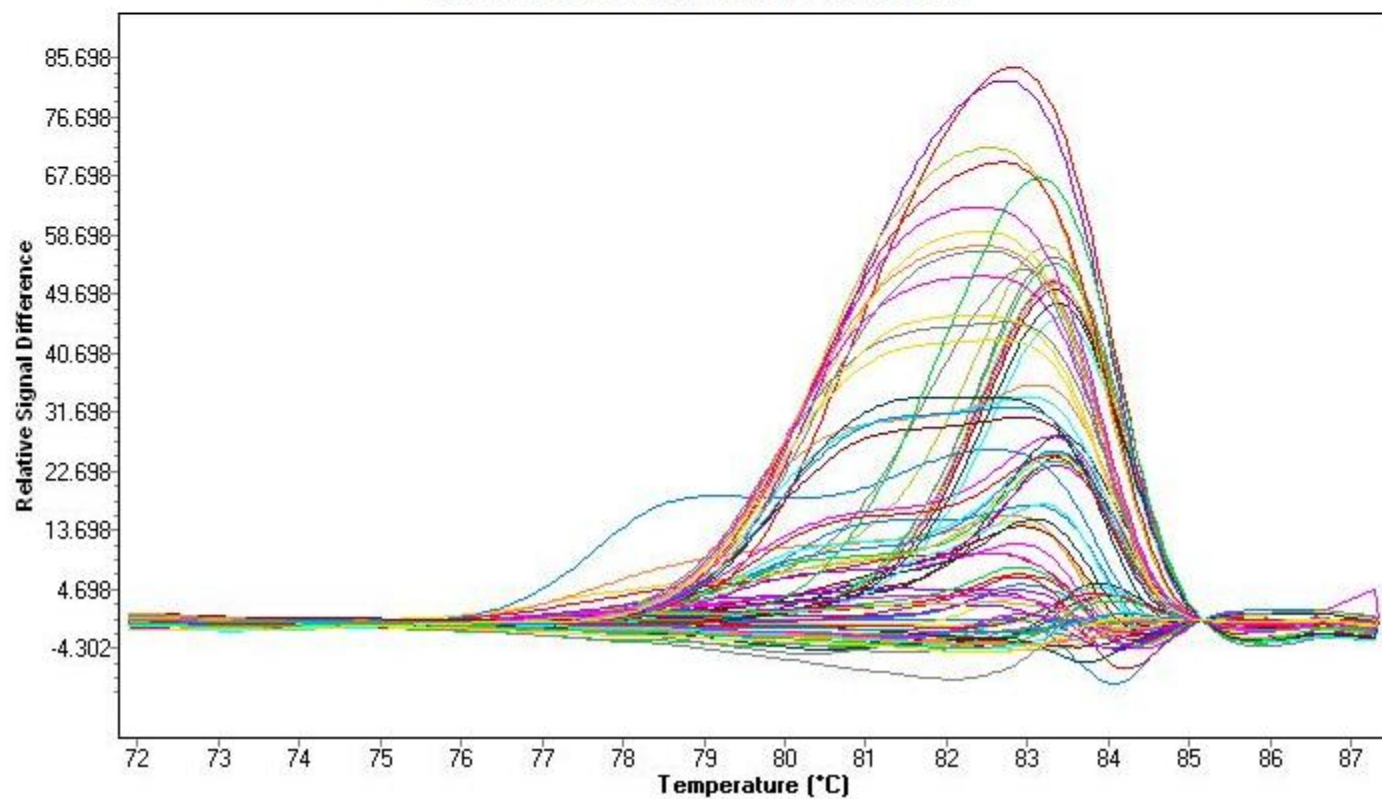
Normalized Melting Curves



Normalized and Shifted Melting Curves

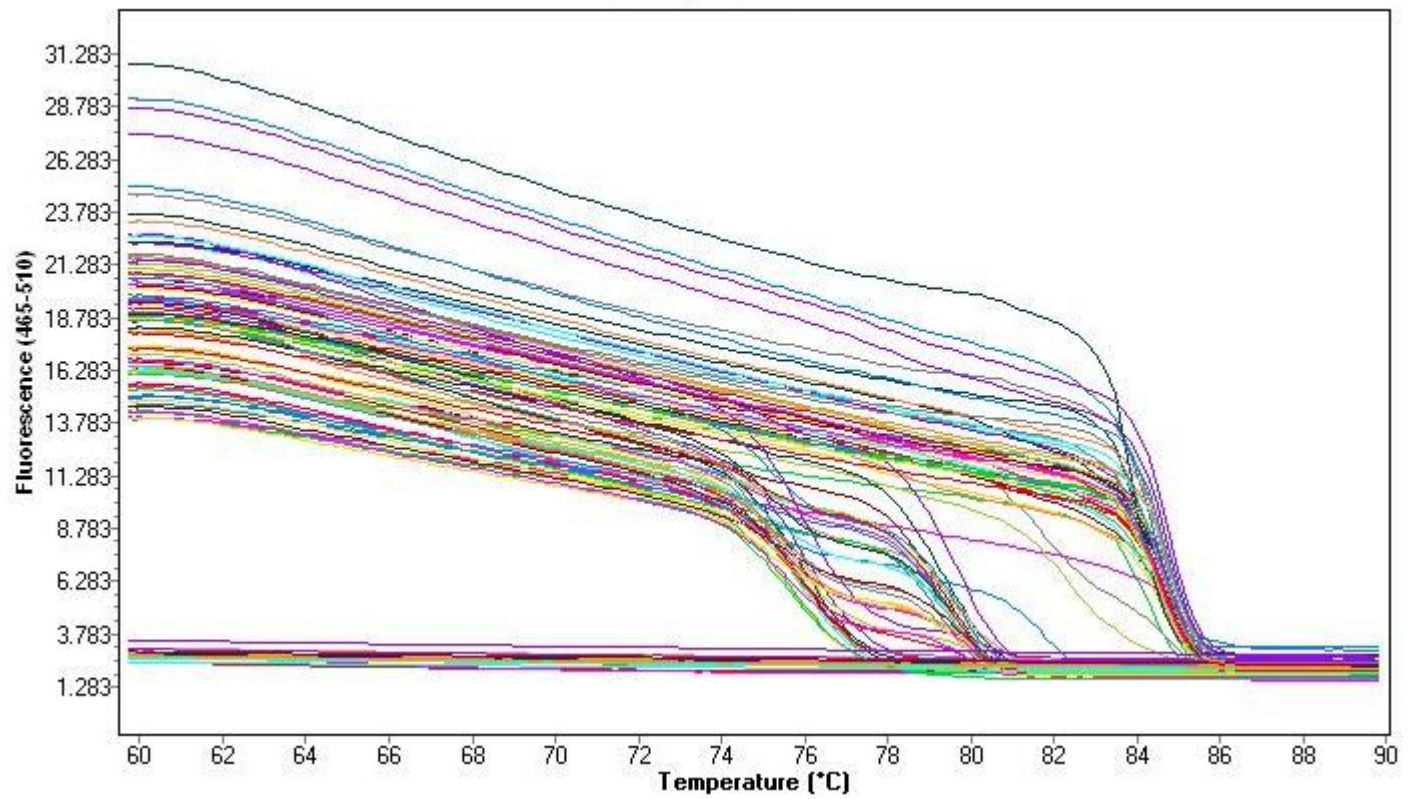


Normalized and Temp-Shifted Difference Plot

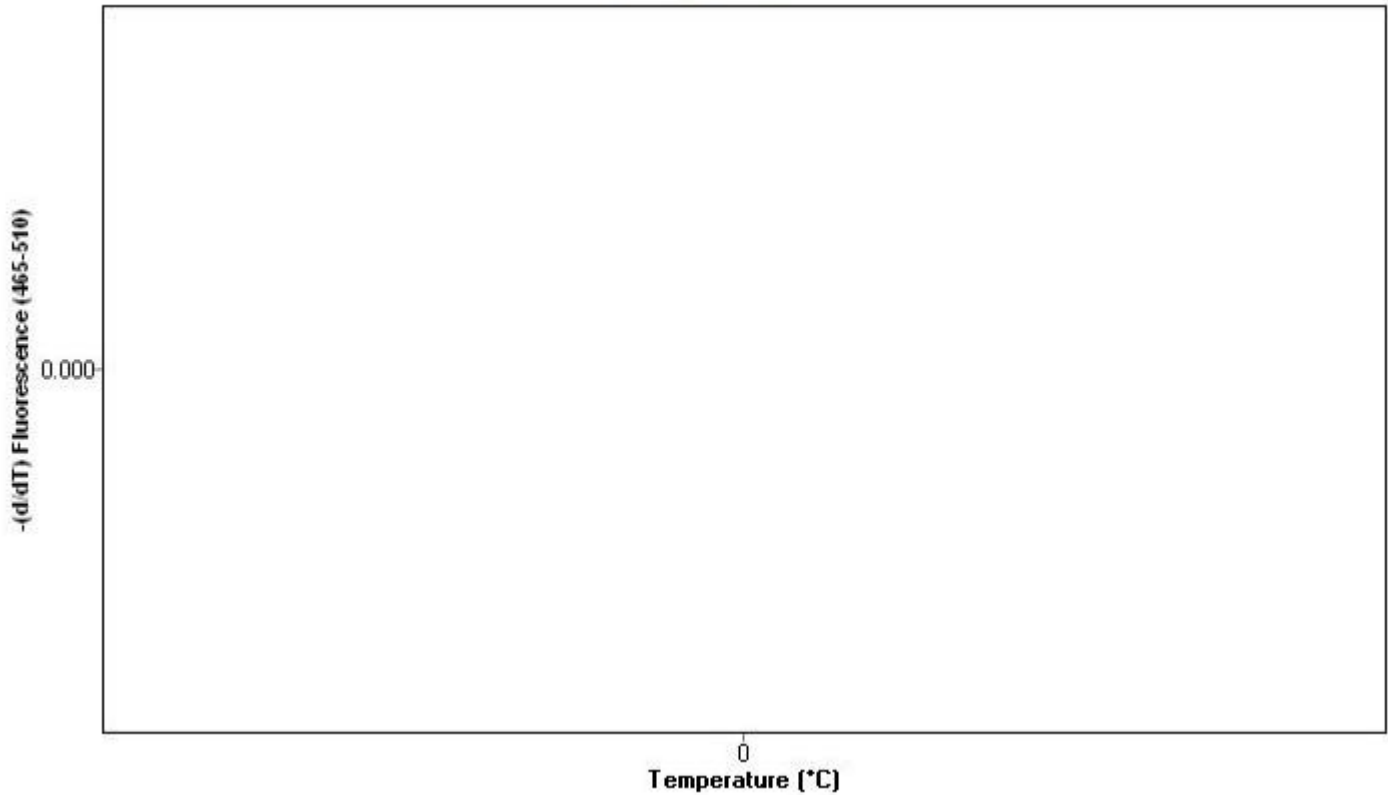


Analysis Notes

Melting Curves



Melting Peaks



Analysis Notes

Melt Curve Genotyping for All Samples (1) (Melt Curve Genotyping)

Channel	465-510	Color Compensation	Off
Program Name	Program		
Stds Settings	Auto-Group		
Sensitivity	Normal	Temp Range	62-85
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	GAPDH 1	Unknown	1	0.99	0.58	
<input checked="" type="checkbox"/>	A2	GAPDH 1	Unknown	1	0.98	0.48	
<input checked="" type="checkbox"/>	A3	GAPDH 1	Unknown	1	0.97	0.64	
<input checked="" type="checkbox"/>	A4	GAPDH 2	Unknown	1	0.94	0.34	
<input checked="" type="checkbox"/>	A5	GAPDH 2	Unknown	1	0.71	0.15	
<input checked="" type="checkbox"/>	A6	GAPDH 2	Unknown	1	0.93	0.31	
<input checked="" type="checkbox"/>	A7	GAPDH 3	Unknown	1	0.98	0.64	
<input checked="" type="checkbox"/>	A8	GAPDH 3	Unknown	1	0.99	0.65	
<input checked="" type="checkbox"/>	A9	GAPDH 3	Unknown	1	0.92	0.70	
<input checked="" type="checkbox"/>	A10	GAPDH 4	Unknown	1	0.88	0.15	

Results

Inc	Pos.	Sample Name	Sample Type	Group	Score	Resolution	Status
<input checked="" type="checkbox"/>	A11	GAPDH 4	Unknown	1	0.99	0.52	
<input checked="" type="checkbox"/>	A12	GAPDH 4	Unknown	1	0.85	0.31	
<input checked="" type="checkbox"/>	B1	FCER1A 1	Unknown	4	0.96	0.41	
<input checked="" type="checkbox"/>	B2	FCER1A 1	Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	B3	FCER1A 1	Unknown	5	1.00	0.99	
<input checked="" type="checkbox"/>	B4	FCER1A 2	Unknown	5	0.74	0.74	
<input checked="" type="checkbox"/>	B5	FCER1A 2	Unknown	2	0.99	0.36	
<input checked="" type="checkbox"/>	B6	FCER1A 2	Unknown	2	0.99	0.36	
<input checked="" type="checkbox"/>	B7	FCER1A 3	Unknown	4	0.95	0.55	
<input checked="" type="checkbox"/>	B8	FCER1A 3	Unknown	4	0.98	0.43	
<input checked="" type="checkbox"/>	B9	FCER1A 3	Unknown	4	0.93	0.53	
<input checked="" type="checkbox"/>	B10	FCER1A 4	Unknown	2	0.98	0.36	
<input checked="" type="checkbox"/>	B11	FCER1A 4	Unknown	2	0.99	0.36	
<input checked="" type="checkbox"/>	B12	FCER1A 4	Unknown	2	0.99	0.49	
<input checked="" type="checkbox"/>	C1	GAPDH 5	Unknown	1	0.99	0.60	
<input checked="" type="checkbox"/>	C2	GAPDH 5	Unknown	1	0.95	0.31	
<input checked="" type="checkbox"/>	C3	GAPDH 5	Unknown	1	0.98	0.60	
<input checked="" type="checkbox"/>	C4	GAPDH 7	Unknown	1	0.96	0.36	
<input checked="" type="checkbox"/>	C5	GAPDH 7	Unknown	1	0.94	0.67	
<input checked="" type="checkbox"/>	C6	GAPDH 7	Unknown	1	0.99	0.56	
<input checked="" type="checkbox"/>	C7	GAPDH 11	Unknown	1	0.93	0.35	
<input checked="" type="checkbox"/>	C8	GAPDH 11	Unknown	1	0.93	0.40	
<input checked="" type="checkbox"/>	C9	GAPDH 11	Unknown	1	0.95	0.44	
<input checked="" type="checkbox"/>	C10	GAPDH 14	Unknown	1	0.99	0.64	
<input checked="" type="checkbox"/>	C11	GAPDH 14	Unknown	1	0.98	0.44	
<input checked="" type="checkbox"/>	C12	GAPDH 14	Unknown	1	0.98	0.62	
<input checked="" type="checkbox"/>	D1	FCER1A 5	Unknown	6	1.00	0.31	
<input checked="" type="checkbox"/>	D2	FCER1A 5	Unknown	2	0.98	0.39	
<input checked="" type="checkbox"/>	D3	FCER1A 5	Unknown	2	0.99	0.50	
<input checked="" type="checkbox"/>	D4	FCER1A 7	Unknown	4	0.94	0.32	
<input checked="" type="checkbox"/>	D5	FCER1A 7	Unknown	2	1.00	0.48	
<input checked="" type="checkbox"/>	D6	FCER1A 7	Unknown	3	0.91	0.23	
<input checked="" type="checkbox"/>	D7	FCER1A 11	Unknown	2	0.99	0.46	
<input checked="" type="checkbox"/>	D8	FCER1A 11	Unknown	2	0.98	0.49	
<input checked="" type="checkbox"/>	D9	FCER1A 11	Unknown	2	0.99	0.50	
<input checked="" type="checkbox"/>	D10	FCER1A 14	Unknown	Unknown	0.89	0.08	
<input checked="" type="checkbox"/>	D11	FCER1A 14	Unknown	2	0.95	0.31	
<input checked="" type="checkbox"/>	D12	FCER1A 14	Unknown	2	0.87	0.11	

Results

Inc	Pos.	Sample Name	Sample Type	Group	Score	Resolution	Status
<input checked="" type="checkbox"/>	E1	GAPDH 15	Unknown	1	0.99	0.62	
<input checked="" type="checkbox"/>	E2	GAPDH 15	Unknown	1	0.98	0.48	
<input checked="" type="checkbox"/>	E3	GAPDH 15	Unknown	1	0.99	0.51	
<input checked="" type="checkbox"/>	E4	GAPDH 18	Unknown	1	0.99	0.61	
<input checked="" type="checkbox"/>	E5	GAPDH 18	Unknown	1	0.95	0.69	
<input checked="" type="checkbox"/>	E6	GAPDH 18	Unknown	1	0.99	0.60	
<input checked="" type="checkbox"/>	E7	GAPDH 19	Unknown	1	0.99	0.59	
<input checked="" type="checkbox"/>	E8	GAPDH 19	Unknown	1	0.98	0.62	
<input checked="" type="checkbox"/>	E9	GAPDH 19	Unknown	1	0.90	0.71	
<input checked="" type="checkbox"/>	E10	GAPDH 20	Unknown	1	0.99	0.62	
<input checked="" type="checkbox"/>	E11	GAPDH 20	Unknown	1	0.99	0.52	
<input checked="" type="checkbox"/>	E12	GAPDH 20	Unknown	1	1.00	0.55	
<input checked="" type="checkbox"/>	F1	FCER1A 15	Unknown	4	0.99	0.50	
<input checked="" type="checkbox"/>	F2	FCER1A 15	Unknown	Unknown	0.84	0.04	
<input checked="" type="checkbox"/>	F3	FCER1A 15	Unknown	4	1.00	0.51	
<input checked="" type="checkbox"/>	F4	FCER1A 18	Unknown	3	0.97	0.38	
<input checked="" type="checkbox"/>	F5	FCER1A 18	Unknown	3	0.99	0.30	
<input checked="" type="checkbox"/>	F6	FCER1A 18	Unknown	3	0.98	0.27	
<input checked="" type="checkbox"/>	F7	FCER1A 19	Unknown	Unknown	0.91	0.09	
<input checked="" type="checkbox"/>	F8	FCER1A 19	Unknown	3	0.88	0.11	
<input checked="" type="checkbox"/>	F9	FCER1A 19	Unknown	3	0.95	0.16	
<input checked="" type="checkbox"/>	F10	FCER1A 20	Unknown	3	0.94	0.31	
<input checked="" type="checkbox"/>	F11	FCER1A 20	Unknown	4	0.99	0.53	
<input checked="" type="checkbox"/>	F12	FCER1A 20	Unknown	4	0.99	0.50	
<input checked="" type="checkbox"/>	G1	GAPDH 24	Unknown	1	0.98	0.65	
<input checked="" type="checkbox"/>	G2	GAPDH 24	Unknown	1	0.99	0.60	
<input checked="" type="checkbox"/>	G3	GAPDH 24	Unknown	1	0.97	0.66	
<input checked="" type="checkbox"/>	G4	GAPDH 26	Unknown	1	0.99	0.49	
<input checked="" type="checkbox"/>	G5	GAPDH 26	Unknown	1	0.89	0.72	
<input checked="" type="checkbox"/>	G6	GAPDH 26	Unknown	1	0.99	0.62	
<input checked="" type="checkbox"/>	G7		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G8		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G9		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G10		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G11		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	G12		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H1	FCER1A 24	Unknown	3	0.88	0.12	
<input checked="" type="checkbox"/>	H2	FCER1A 24	Unknown	4	0.96	0.37	

Results

Inc	Pos.	Sample Name	Sample Type	Group	Score	Resolution	Status
<input checked="" type="checkbox"/>	H3	FCER1A 24	Unknown	2	0.98	0.45	
<input checked="" type="checkbox"/>	H4	FCER1A 26	Unknown	3	0.87	0.13	
<input checked="" type="checkbox"/>	H5	FCER1A 26	Unknown	3	0.95	0.32	
<input checked="" type="checkbox"/>	H6	FCER1A 26	Unknown	3	1.00	0.31	
<input checked="" type="checkbox"/>	H7		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H8		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H9		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H10		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H11		Unknown	Negative	1.00	1.00	
<input checked="" type="checkbox"/>	H12		Unknown	Negative	1.00	1.00	

Group 1

Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	A1	GAPDH 1	Unknown	0.99	0.58	
<input checked="" type="checkbox"/>	A2	GAPDH 1	Unknown	0.98	0.48	
<input checked="" type="checkbox"/>	A3	GAPDH 1	Unknown	0.97	0.64	
<input checked="" type="checkbox"/>	A4	GAPDH 2	Unknown	0.94	0.34	
<input checked="" type="checkbox"/>	A5	GAPDH 2	Unknown	0.71	0.15	
<input checked="" type="checkbox"/>	A6	GAPDH 2	Unknown	0.93	0.31	
<input checked="" type="checkbox"/>	A7	GAPDH 3	Unknown	0.98	0.64	
<input checked="" type="checkbox"/>	A8	GAPDH 3	Unknown	0.99	0.65	
<input checked="" type="checkbox"/>	A9	GAPDH 3	Unknown	0.92	0.70	
<input checked="" type="checkbox"/>	A10	GAPDH 4	Unknown	0.88	0.15	
<input checked="" type="checkbox"/>	A11	GAPDH 4	Unknown	0.99	0.52	
<input checked="" type="checkbox"/>	A12	GAPDH 4	Unknown	0.85	0.31	
<input checked="" type="checkbox"/>	C1	GAPDH 5	Unknown	0.99	0.60	
<input checked="" type="checkbox"/>	C2	GAPDH 5	Unknown	0.95	0.31	
<input checked="" type="checkbox"/>	C3	GAPDH 5	Unknown	0.98	0.60	
<input checked="" type="checkbox"/>	C4	GAPDH 7	Unknown	0.96	0.36	
<input checked="" type="checkbox"/>	C5	GAPDH 7	Unknown	0.94	0.67	
<input checked="" type="checkbox"/>	C6	GAPDH 7	Unknown	0.99	0.56	
<input checked="" type="checkbox"/>	C7	GAPDH 11	Unknown	0.93	0.35	
<input checked="" type="checkbox"/>	C8	GAPDH 11	Unknown	0.93	0.40	
<input checked="" type="checkbox"/>	C9	GAPDH 11	Unknown	0.95	0.44	
<input checked="" type="checkbox"/>	C10	GAPDH 14	Unknown	0.99	0.64	
<input checked="" type="checkbox"/>	C11	GAPDH 14	Unknown	0.98	0.44	
<input checked="" type="checkbox"/>	C12	GAPDH 14	Unknown	0.98	0.62	
<input checked="" type="checkbox"/>	E1	GAPDH 15	Unknown	0.99	0.62	

Group 1						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	E2	GAPDH 15	Unknown	0.98	0.48	
<input checked="" type="checkbox"/>	E3	GAPDH 15	Unknown	0.99	0.51	
<input checked="" type="checkbox"/>	E4	GAPDH 18	Unknown	0.99	0.61	
<input checked="" type="checkbox"/>	E5	GAPDH 18	Unknown	0.95	0.69	
<input checked="" type="checkbox"/>	E6	GAPDH 18	Unknown	0.99	0.60	
<input checked="" type="checkbox"/>	E7	GAPDH 19	Unknown	0.99	0.59	
<input checked="" type="checkbox"/>	E8	GAPDH 19	Unknown	0.98	0.62	
<input checked="" type="checkbox"/>	E9	GAPDH 19	Unknown	0.90	0.71	
<input checked="" type="checkbox"/>	E10	GAPDH 20	Unknown	0.99	0.62	
<input checked="" type="checkbox"/>	E11	GAPDH 20	Unknown	0.99	0.52	
<input checked="" type="checkbox"/>	E12	GAPDH 20	Unknown	1.00	0.55	
<input checked="" type="checkbox"/>	G1	GAPDH 24	Unknown	0.98	0.65	
<input checked="" type="checkbox"/>	G2	GAPDH 24	Unknown	0.99	0.60	
<input checked="" type="checkbox"/>	G3	GAPDH 24	Unknown	0.97	0.66	
<input checked="" type="checkbox"/>	G4	GAPDH 26	Unknown	0.99	0.49	
<input checked="" type="checkbox"/>	G5	GAPDH 26	Unknown	0.89	0.72	
<input checked="" type="checkbox"/>	G6	GAPDH 26	Unknown	0.99	0.62	

Group 2						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	B5	FCER1A 2	Unknown	0.99	0.36	
<input checked="" type="checkbox"/>	B6	FCER1A 2	Unknown	0.99	0.36	
<input checked="" type="checkbox"/>	B10	FCER1A 4	Unknown	0.98	0.36	
<input checked="" type="checkbox"/>	B11	FCER1A 4	Unknown	0.99	0.36	
<input checked="" type="checkbox"/>	B12	FCER1A 4	Unknown	0.99	0.49	
<input checked="" type="checkbox"/>	D2	FCER1A 5	Unknown	0.98	0.39	
<input checked="" type="checkbox"/>	D3	FCER1A 5	Unknown	0.99	0.50	
<input checked="" type="checkbox"/>	D5	FCER1A 7	Unknown	1.00	0.48	
<input checked="" type="checkbox"/>	D7	FCER1A 11	Unknown	0.99	0.46	
<input checked="" type="checkbox"/>	D8	FCER1A 11	Unknown	0.98	0.49	
<input checked="" type="checkbox"/>	D9	FCER1A 11	Unknown	0.99	0.50	
<input checked="" type="checkbox"/>	D11	FCER1A 14	Unknown	0.95	0.31	
<input checked="" type="checkbox"/>	D12	FCER1A 14	Unknown	0.87	0.11	
<input checked="" type="checkbox"/>	H3	FCER1A 24	Unknown	0.98	0.45	

Group 3						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	D6	FCER1A 7	Unknown	0.91	0.23	

Group		3				
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	F4	FCER1A 18	Unknown	0.97	0.38	
<input checked="" type="checkbox"/>	F5	FCER1A 18	Unknown	0.99	0.30	
<input checked="" type="checkbox"/>	F6	FCER1A 18	Unknown	0.98	0.27	
<input checked="" type="checkbox"/>	F8	FCER1A 19	Unknown	0.88	0.11	
<input checked="" type="checkbox"/>	F9	FCER1A 19	Unknown	0.95	0.16	
<input checked="" type="checkbox"/>	F10	FCER1A 20	Unknown	0.94	0.31	
<input checked="" type="checkbox"/>	H1	FCER1A 24	Unknown	0.88	0.12	
<input checked="" type="checkbox"/>	H4	FCER1A 26	Unknown	0.87	0.13	
<input checked="" type="checkbox"/>	H5	FCER1A 26	Unknown	0.95	0.32	
<input checked="" type="checkbox"/>	H6	FCER1A 26	Unknown	1.00	0.31	

Group		4				
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	B1	FCER1A 1	Unknown	0.96	0.41	
<input checked="" type="checkbox"/>	B7	FCER1A 3	Unknown	0.95	0.55	
<input checked="" type="checkbox"/>	B8	FCER1A 3	Unknown	0.98	0.43	
<input checked="" type="checkbox"/>	B9	FCER1A 3	Unknown	0.93	0.53	
<input checked="" type="checkbox"/>	D4	FCER1A 7	Unknown	0.94	0.32	
<input checked="" type="checkbox"/>	F1	FCER1A 15	Unknown	0.99	0.50	
<input checked="" type="checkbox"/>	F3	FCER1A 15	Unknown	1.00	0.51	
<input checked="" type="checkbox"/>	F11	FCER1A 20	Unknown	0.99	0.53	
<input checked="" type="checkbox"/>	F12	FCER1A 20	Unknown	0.99	0.50	
<input checked="" type="checkbox"/>	H2	FCER1A 24	Unknown	0.96	0.37	

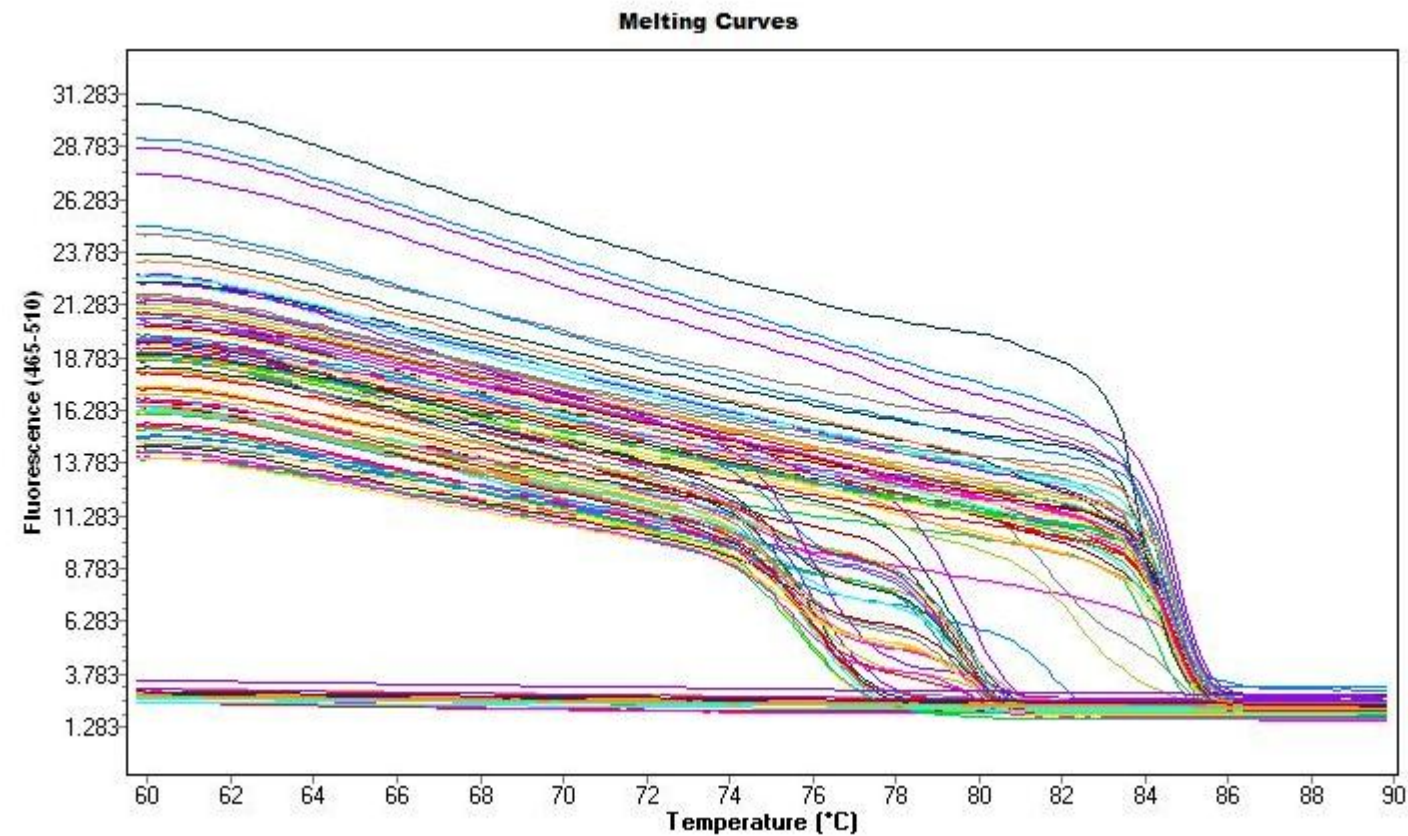
Group		5				
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	B3	FCER1A 1	Unknown	1.00	0.99	
<input checked="" type="checkbox"/>	B4	FCER1A 2	Unknown	0.74	0.74	

Group		6				
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	D1	FCER1A 5	Unknown	1.00	0.31	

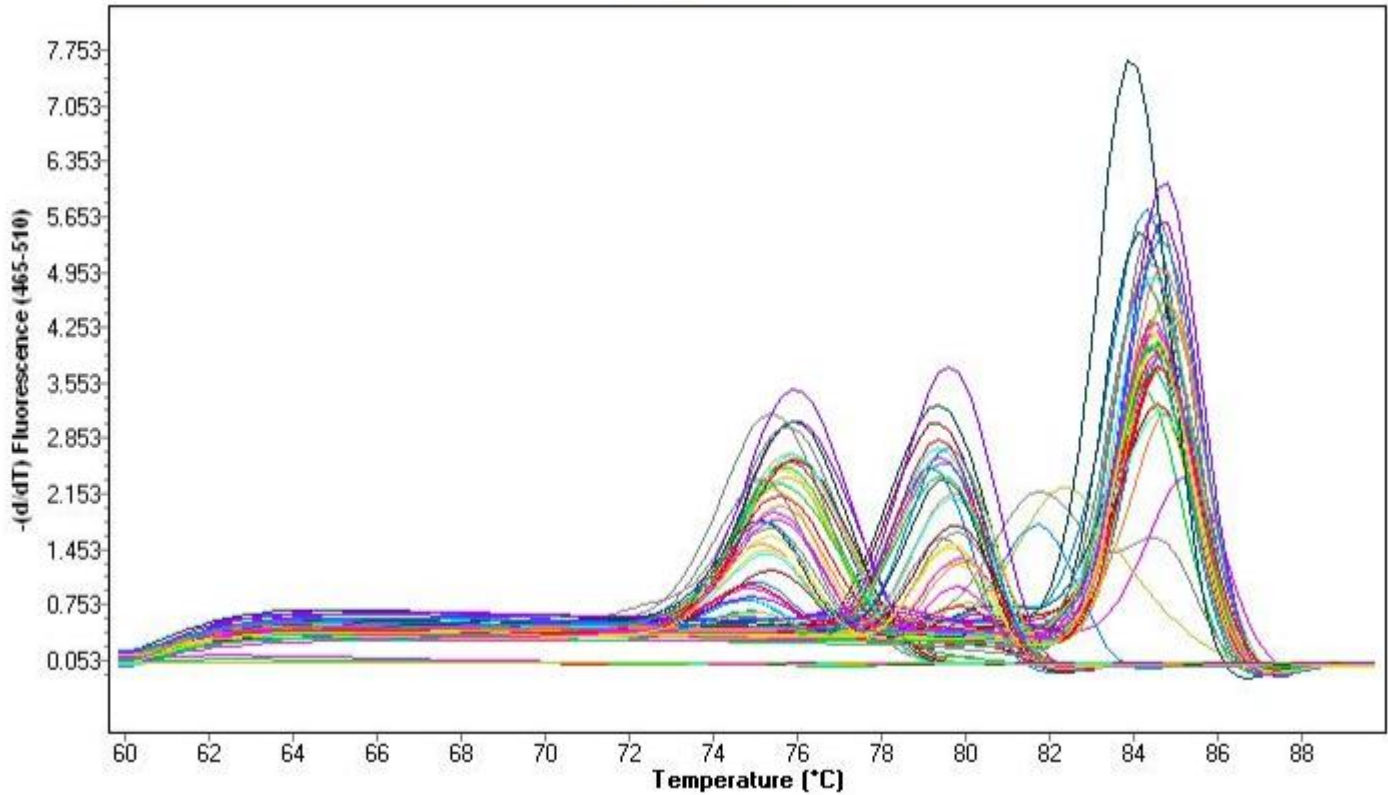
Group		Negative				
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	B2	FCER1A 1	Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G7		Unknown	1.00	1.00	

Group Negative						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	G8		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G9		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G10		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G11		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	G12		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H7		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H8		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H9		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H10		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H11		Unknown	1.00	1.00	
<input checked="" type="checkbox"/>	H12		Unknown	1.00	1.00	

Group Unknown						
Inc	Pos	Sample Name	Sample Type	Score	Resolution	Status
<input checked="" type="checkbox"/>	D10	FCER1A 14	Unknown	0.89	0.08	
<input checked="" type="checkbox"/>	F2	FCER1A 15	Unknown	0.84	0.04	
<input checked="" type="checkbox"/>	F7	FCER1A 19	Unknown	0.91	0.09	



Melting Peaks



Analysis Notes

Tm Calling for All Samples (Tm Calling)

Settings

Channel	465-510	Color Compensation	Off
Program	Program		
Show Shoulders	False	Chemistry	HybProbe
		Max Peaks	2
Subset Name	All Samples		

Results

Inc	Pos	Sample Name	Peak 1				Peak 2				Status
			Tm	Area	Width	Height	Tm	Area	Width	Height	
<input checked="" type="checkbox"/>	A1	GAPDH 1	84.36	13.00	2.21	5.89					
<input checked="" type="checkbox"/>	A2	GAPDH 1	84.61	8.97	2.26	3.97					
<input checked="" type="checkbox"/>	A3	GAPDH 1	84.26	8.48	2.34	3.62					
<input checked="" type="checkbox"/>	A4	GAPDH 2	85.30	6.15	2.41	2.56					
<input checked="" type="checkbox"/>	A5	GAPDH 2	83.06	11.43	5.44	2.10					
<input checked="" type="checkbox"/>	A6	GAPDH 2	84.58	8.01	2.32	3.45					
<input checked="" type="checkbox"/>	A7	GAPDH 3	84.57	10.14	2.23	4.54					
<input checked="" type="checkbox"/>	A8	GAPDH 3	84.39	11.36	2.27	5.00					
<input checked="" type="checkbox"/>	A9	GAPDH 3	84.27	12.98	2.30	5.65					

Results

Inc	Pos	Sample Name	Peak 1				Peak 2				Status
			Tm	Area	Width	Height	Tm	Area	Width	Height	
<input checked="" type="checkbox"/>	A10	GAPDH 4	78.27	1.03	2.53	0.41	84.84	7.90	2.34	3.37	
<input checked="" type="checkbox"/>	A11	GAPDH 4	84.68	10.23	2.19	4.66					
<input checked="" type="checkbox"/>	A12	GAPDH 4	82.65	8.00	3.63	2.20					
<input checked="" type="checkbox"/>	B1	FCER1A 1	74.61	1.26	2.25	0.56	79.20	6.23	2.39	2.61	
<input checked="" type="checkbox"/>	B2	FCER1A 1									
<input checked="" type="checkbox"/>	B3	FCER1A 1	66.28	0.41	8.02	0.05					
<input checked="" type="checkbox"/>	B4	FCER1A 2									
<input checked="" type="checkbox"/>	B5	FCER1A 2	75.89	9.71	3.19	3.04					
<input checked="" type="checkbox"/>	B6	FCER1A 2	75.81	7.78	3.12	2.49					
<input checked="" type="checkbox"/>	B7	FCER1A 3	79.35	8.56	2.69	3.18					
<input checked="" type="checkbox"/>	B8	FCER1A 3	74.61	1.06	2.03	0.52	79.40	7.56	2.65	2.86	
<input checked="" type="checkbox"/>	B9	FCER1A 3	79.39	9.45	2.77	3.41					
<input checked="" type="checkbox"/>	B10	FCER1A 4	76.10	7.97	3.01	2.65					
<input checked="" type="checkbox"/>	B11	FCER1A 4	76.17	10.02	3.20	3.13					
<input checked="" type="checkbox"/>	B12	FCER1A 4	76.01	8.75	3.24	2.70					
<input checked="" type="checkbox"/>	C1	GAPDH 5	84.81	9.17	2.19	4.18					
<input checked="" type="checkbox"/>	C2	GAPDH 5	84.72	8.58	2.18	3.93					
<input checked="" type="checkbox"/>	C3	GAPDH 5	84.62	9.53	2.26	4.22					
<input checked="" type="checkbox"/>	C4	GAPDH 7	84.66	8.80	2.14	4.10					
<input checked="" type="checkbox"/>	C5	GAPDH 7	84.54	13.61	2.29	5.95					
<input checked="" type="checkbox"/>	C6	GAPDH 7	84.60	9.01	2.09	4.31					
<input checked="" type="checkbox"/>	C7	GAPDH 11	84.58	8.79	2.49	3.52					
<input checked="" type="checkbox"/>	C8	GAPDH 11	84.66	10.21	3.10	3.29					
<input checked="" type="checkbox"/>	C9	GAPDH 11	84.57	11.36	2.67	4.25					
<input checked="" type="checkbox"/>	C10	GAPDH 14	84.80	10.53	2.23	4.73					
<input checked="" type="checkbox"/>	C11	GAPDH 14	84.78	11.80	2.02	5.83					
<input checked="" type="checkbox"/>	C12	GAPDH 14	84.85	10.43	2.18	4.78					
<input checked="" type="checkbox"/>	D1	FCER1A 5	75.06	1.71	2.21	0.77	81.70	5.12	2.83	1.81	
<input checked="" type="checkbox"/>	D2	FCER1A 5	75.99	8.46	3.33	2.54					
<input checked="" type="checkbox"/>	D3	FCER1A 5	75.85	8.16	3.20	2.55					
<input checked="" type="checkbox"/>	D4	FCER1A 7	74.80	1.40	2.08	0.68	79.43	7.10	2.61	2.72	
<input checked="" type="checkbox"/>	D5	FCER1A 7	75.54	10.20	3.17	3.21					
<input checked="" type="checkbox"/>	D6	FCER1A 7	75.50	5.84	2.59	2.25	79.83	3.46	2.37	1.46	
<input checked="" type="checkbox"/>	D7	FCER1A 11	76.14	8.45	3.22	2.62					
<input checked="" type="checkbox"/>	D8	FCER1A 11	76.05	8.11	2.97	2.73					
<input checked="" type="checkbox"/>	D9	FCER1A 11	76.06	9.50	3.03	3.14					

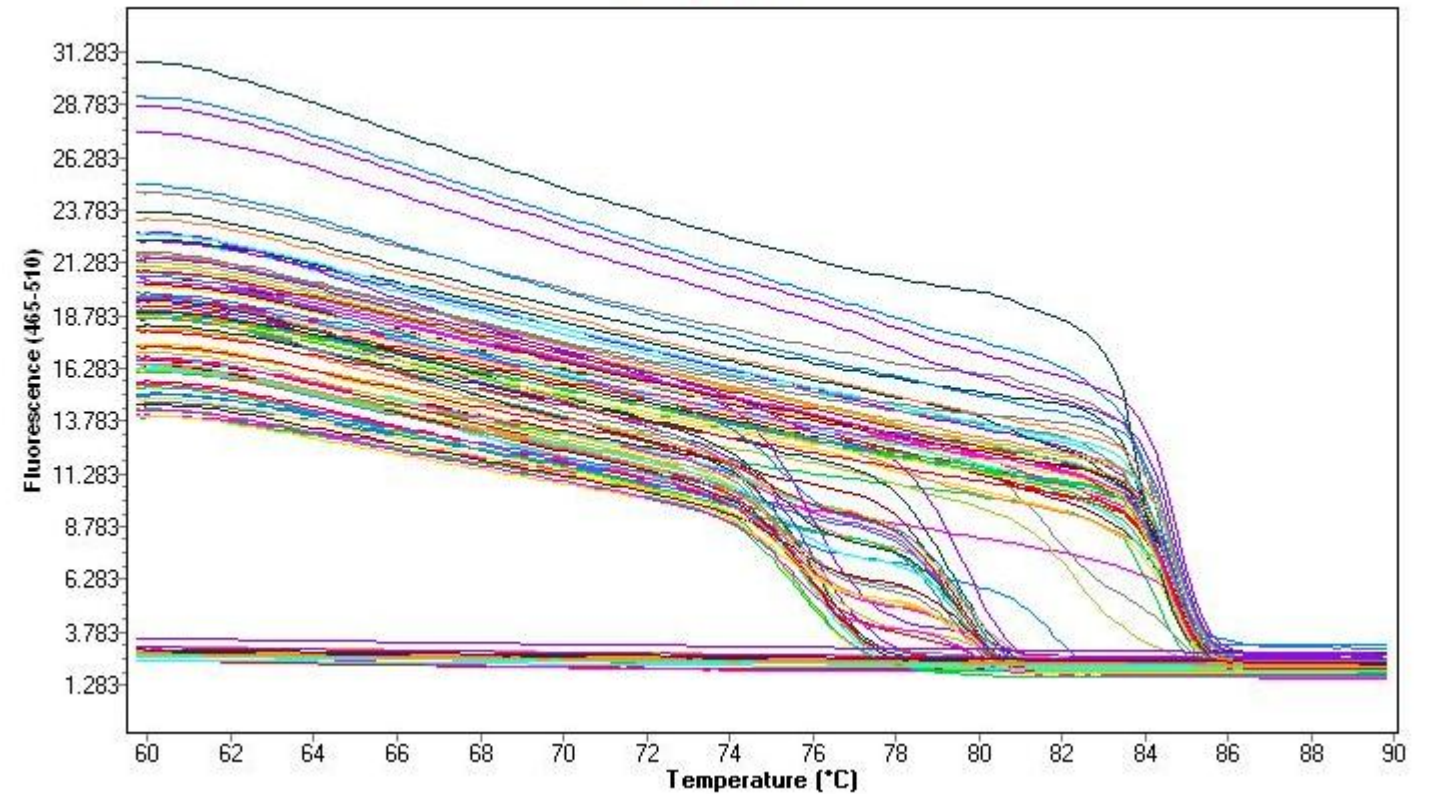
Results

Inc	Pos	Sample Name	Peak 1				Peak 2				Status
			Tm	Area	Width	Height	Tm	Area	Width	Height	
<input checked="" type="checkbox"/>	D10	FCER1A 14	75.19	2.52	1.99	1.27	79.84	5.98	2.68	2.23	
<input checked="" type="checkbox"/>	D11	FCER1A 14	75.99	11.84	3.49	3.39					
<input checked="" type="checkbox"/>	D12	FCER1A 14	75.83	6.96	2.90	2.40	80.17	1.96	2.26	0.87	
<input checked="" type="checkbox"/>	E1	GAPDH 15	84.45	8.67	2.08	4.16					
<input checked="" type="checkbox"/>	E2	GAPDH 15	84.57	9.39	2.26	4.16					
<input checked="" type="checkbox"/>	E3	GAPDH 15	84.50	8.81	2.26	3.89					
<input checked="" type="checkbox"/>	E4	GAPDH 18	84.56	10.07	2.28	4.41					
<input checked="" type="checkbox"/>	E5	GAPDH 18	84.30	11.72	2.35	4.99					
<input checked="" type="checkbox"/>	E6	GAPDH 18	84.49	9.51	2.17	4.38					
<input checked="" type="checkbox"/>	E7	GAPDH 19	84.66	10.08	2.18	4.62					
<input checked="" type="checkbox"/>	E8	GAPDH 19	84.55	11.31	2.27	4.99					
<input checked="" type="checkbox"/>	E9	GAPDH 19	83.98	17.44	2.21	7.90					
<input checked="" type="checkbox"/>	E10	GAPDH 20	84.76	11.44	2.18	5.25					
<input checked="" type="checkbox"/>	E11	GAPDH 20	84.81	12.68	2.01	6.32					
<input checked="" type="checkbox"/>	E12	GAPDH 20	84.69	9.60	2.08	4.61					
<input checked="" type="checkbox"/>	F1	FCER1A 15	74.66	0.89	2.26	0.39	79.49	7.13	2.69	2.65	
<input checked="" type="checkbox"/>	F2	FCER1A 15	75.73	6.26	2.90	2.16	79.93	2.14	2.66	0.80	
<input checked="" type="checkbox"/>	F3	FCER1A 15	74.53	0.71	2.01	0.35	79.36	6.58	2.65	2.48	
<input checked="" type="checkbox"/>	F4	FCER1A 18	75.55	4.84	2.59	1.87	79.96	3.85	2.46	1.56	
<input checked="" type="checkbox"/>	F5	FCER1A 18	75.41	3.77	2.35	1.61	79.86	4.50	2.52	1.79	
<input checked="" type="checkbox"/>	F6	FCER1A 18	75.28	3.09	2.38	1.30	79.75	3.88	2.53	1.53	
<input checked="" type="checkbox"/>	F7	FCER1A 19	75.34	2.32	2.44	0.95	79.82	4.64	2.53	1.83	
<input checked="" type="checkbox"/>	F8	FCER1A 19	75.25	2.59	2.20	1.18	79.77	5.62	2.56	2.20	
<input checked="" type="checkbox"/>	F9	FCER1A 19	75.10	3.57	2.30	1.55	79.55	5.95	2.45	2.43	
<input checked="" type="checkbox"/>	F10	FCER1A 20	75.67	5.23	2.55	2.05	80.04	3.60	2.43	1.48	
<input checked="" type="checkbox"/>	F11	FCER1A 20	79.64	10.37	2.65	3.91					
<input checked="" type="checkbox"/>	F12	FCER1A 20	74.82	0.59	1.73	0.34	79.60	7.60	2.68	2.83	
<input checked="" type="checkbox"/>	G1	GAPDH 24	84.74	12.37	2.22	5.57					
<input checked="" type="checkbox"/>	G2	GAPDH 24	84.74	8.01	2.10	3.81					
<input checked="" type="checkbox"/>	G3	GAPDH 24	84.58	9.63	2.27	4.24					
<input checked="" type="checkbox"/>	G4	GAPDH 26	84.58	9.26	2.06	4.51					
<input checked="" type="checkbox"/>	G5	GAPDH 26	84.45	12.08	2.27	5.33					
<input checked="" type="checkbox"/>	G6	GAPDH 26	84.57	9.25	2.22	4.17					
<input checked="" type="checkbox"/>	G7										
<input checked="" type="checkbox"/>	G8										
<input checked="" type="checkbox"/>	G9										

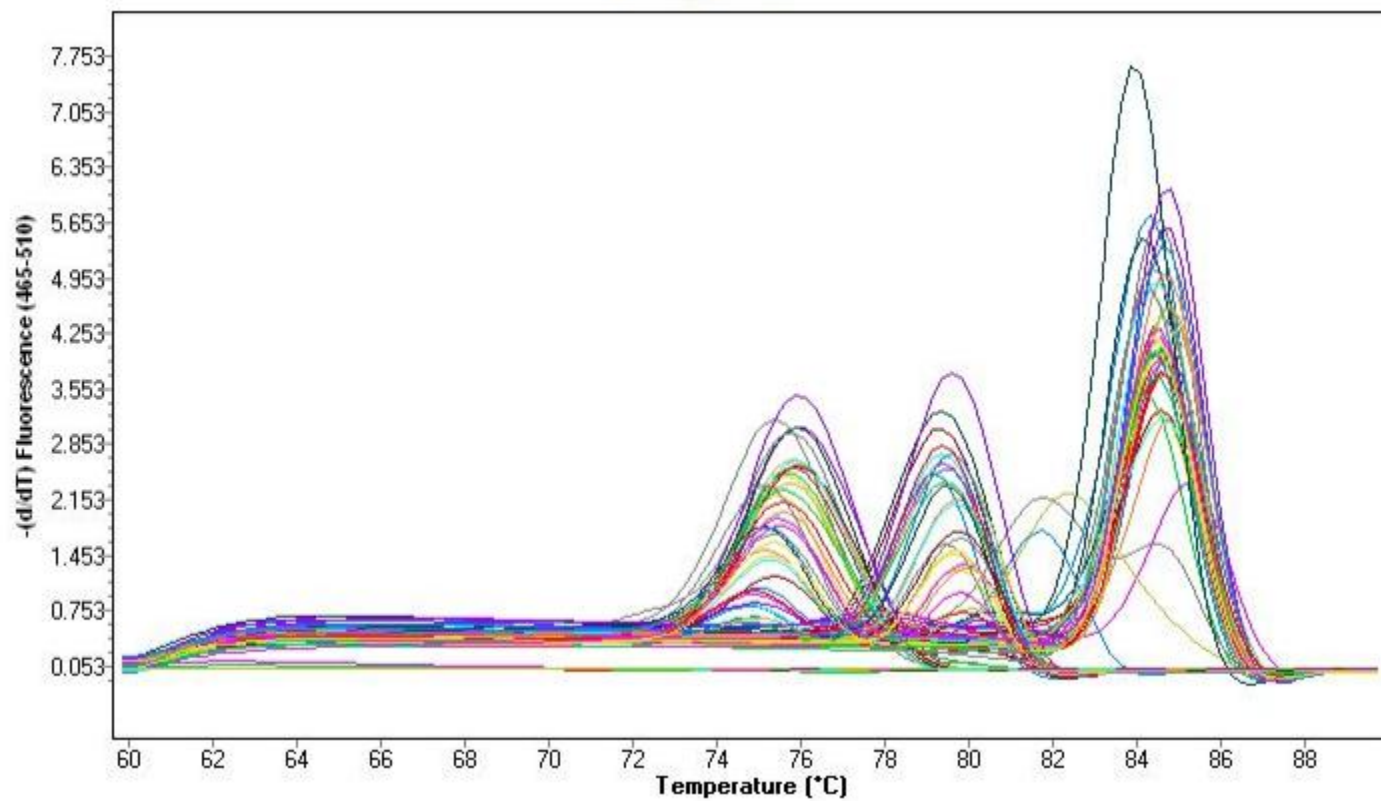
Results

Inc	Pos	Sample Name	Peak 1				Peak 2				Status
			Tm	Area	Width	Height	Tm	Area	Width	Height	
<input checked="" type="checkbox"/>	G10										
<input checked="" type="checkbox"/>	G11										
<input checked="" type="checkbox"/>	G12										
<input checked="" type="checkbox"/>	H1	FCER1A 24	75.18	3.30	2.18	1.51	79.64	6.98	2.44	2.86	
<input checked="" type="checkbox"/>	H2	FCER1A 24	74.79	1.42	2.02	0.70	79.41	7.53	2.55	2.95	
<input checked="" type="checkbox"/>	H3	FCER1A 24	75.84	7.85	3.42	2.29					
<input checked="" type="checkbox"/>	H4	FCER1A 26	75.55	5.21	2.67	1.95	79.89	2.36	2.25	1.10	
<input checked="" type="checkbox"/>	H5	FCER1A 26	75.23	6.06	2.52	2.40	79.51	4.36	2.40	1.82	
<input checked="" type="checkbox"/>	H6	FCER1A 26	75.36	3.57	2.29	1.56	79.74	4.05	2.44	1.66	
<input checked="" type="checkbox"/>	H7										
<input checked="" type="checkbox"/>	H8										
<input checked="" type="checkbox"/>	H9										
<input checked="" type="checkbox"/>	H10										
<input checked="" type="checkbox"/>	H11										
<input checked="" type="checkbox"/>	H12										

Melting Curves



Melting Peaks



Analysis Notes