



**PCR Quantification Detailed Report**  
**PCR Base Line Subtracted Curve Fit Data (FAM)**  
Contains All Available Data

**General Data**

Data File Name	Luitpold Salivary cDNA Buccal Mucosa 4-12-12.opd
Data File Path	C:\Program Files\Bio-Rad\iQ5\Users\Craig
Collected Data	<b>Collected Data</b>
Current Date	4/12/2012 4:06:33 PM
Run Date	4/12/2012 2:09:29 PM
User aborted the run	No
Active RMEs	Original
Active Well Factors	Dynamic
Background Readings Valid	Yes
RME Valid	Yes
Well Factors Valid	Yes
Plate Setup File Name	Luitpold Salivary cDNA Buccal Mucosa 4-12-12.pts
Plate Setup File Path	C:\Program Files\Bio-Rad\iQ5\Users\Craig
Protocol File Name	FIV-PPR.C36.tmo
Protocol File Path	C:\Program Files\Bio-Rad\iQ5\Users\Jesse
Computer name	HP30948312737
Created by app	iQ5.exe (v2.0.148.60623. (OS-Microsoft Windows NT 5.1.2600.0.Service Pack 2, CLR-1.1.4322.2032, Culture-en-US).)
Created by user	BioRad\admin
Creation Date	4/12/2012 2:09:29 PM
Created in Security Edition	No
Last Creation GUID	d215ac63-1035-4680-8c18-4de729d3a36e
Modified by user	BioRad\admin
Last modified date	4/12/2012 2:09:29 PM
OS Build and Service Pack	2600 (Service Pack 2)
Report differs from last save	No

**Notes:**

**Protocol:**

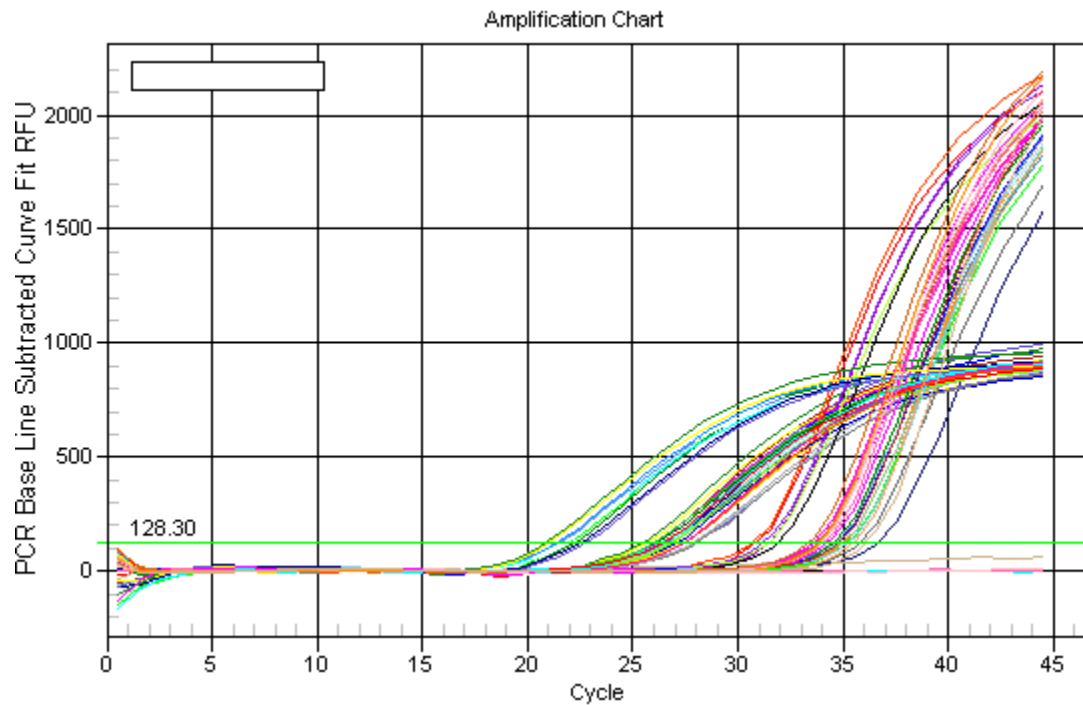
Cycle 1: (1X)		
Step 1:	55.0 °C	for 02:00.
Cycle 2: (1X)		
Step 1:	95.0 °C	for 08:30.
Cycle 3: (45X)		
Step 1:	95.0 °C	for 00:15.
Step 2:	60.0 °C	for 01:00.
Data collection and real-time analysis enabled.		

**Modified Protocol:**

Protocol unchanged

## PCR Quantification Data

### PCR Amp/Cycle Chart



## Standard Curve Data

### Standard Curve Chart

Not available

Fluor	PCR Efficiency(%)	R Squared	Slope	y-Intercept
FAM	100.0	0.000	0.000	0.000

Fluor	Units Changed?	Quantity Units	Original Units
FAM	No	copy number	copy number

Number of valid standard wells: **None**

### Standard Curve Spreadsheet Data

Fluor	Well	Type	Ident.	Rep	Ct	Log SQ	SQ	SQ Mean	SQ SD	Ct Mean	Ct SD	Set Point
FAM	A01	Unkn	4326 G	1	21.94	N/A	0.00E+00	0.00E+00	0.00E+00	22.09	0.215	N/A
FAM	A02	Unkn	4326 G	1	22.25	N/A	0.00E+00	0.00E+00	0.00E+00	22.09	0.215	N/A
FAM	A03	Unkn	4655 G	9	26.83	N/A	0.00E+00	0.00E+00	0.00E+00	26.66	0.238	N/A
FAM	A04	Unkn	4655 G	9	26.49	N/A	0.00E+00	0.00E+00	0.00E+00	26.66	0.238	N/A
FAM	A05	Unkn	4661 G	17	26.19	N/A	0.00E+00	0.00E+00	0.00E+00	26.12	0.102	N/A
FAM	A06	Unkn	4661 G	17	26.05	N/A	0.00E+00	0.00E+00	0.00E+00	26.12	0.102	N/A

FAM	A07	Unkn	4666 G	25	26.83	N/A	0.00E+00	0.00E+00	0.00E+00	26.72	0.150	N/A
FAM	A08	Unkn	4666 G	25	26.62	N/A	0.00E+00	0.00E+00	0.00E+00	26.72	0.150	N/A
FAM	A09	Unkn	4671 G	33	25.82	N/A	0.00E+00	0.00E+00	0.00E+00	25.70	0.176	N/A
FAM	A10	Unkn	4671 G	33	25.58	N/A	0.00E+00	0.00E+00	0.00E+00	25.70	0.176	N/A
FAM	A12	NTC	-	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	B01	Unkn	4326 FIV	2	30.87	N/A	0.00E+00	0.00E+00	0.00E+00	30.77	0.145	N/A
FAM	B02	Unkn	4326 FIV	2	30.67	N/A	0.00E+00	0.00E+00	0.00E+00	30.77	0.145	N/A
FAM	B03	Unkn	4655 FIV	10	33.74	N/A	0.00E+00	0.00E+00	0.00E+00	33.77	0.042	N/A
FAM	B04	Unkn	4655 FIV	10	33.80	N/A	0.00E+00	0.00E+00	0.00E+00	33.77	0.042	N/A
FAM	B05	Unkn	4661 FIV	18	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	B06	Unkn	4661 FIV	18	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	B07	Unkn	4666 FIV	26	33.80	N/A	0.00E+00	0.00E+00	0.00E+00	33.77	0.050	N/A
FAM	B08	Unkn	4666 FIV	26	33.73	N/A	0.00E+00	0.00E+00	0.00E+00	33.77	0.050	N/A
FAM	B09	Unkn	4671 FIV	34	35.00	N/A	0.00E+00	0.00E+00	0.00E+00	35.13	0.181	N/A
FAM	B10	Unkn	4671 FIV	34	35.25	N/A	0.00E+00	0.00E+00	0.00E+00	35.13	0.181	N/A
FAM	B12	NTC	-	2	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	C01	Unkn	4651 G	3	27.40	N/A	0.00E+00	0.00E+00	0.00E+00	27.45	0.069	N/A
FAM	C02	Unkn	4651 G	3	27.50	N/A	0.00E+00	0.00E+00	0.00E+00	27.45	0.069	N/A
FAM	C03	Unkn	4657 G	11	27.06	N/A	0.00E+00	0.00E+00	0.00E+00	26.94	0.179	N/A
FAM	C04	Unkn	4657 G	11	26.81	N/A	0.00E+00	0.00E+00	0.00E+00	26.94	0.179	N/A
FAM	C05	Unkn	4662 G	19	21.60	N/A	0.00E+00	0.00E+00	0.00E+00	21.53	0.101	N/A
FAM	C06	Unkn	4662 G	19	21.45	N/A	0.00E+00	0.00E+00	0.00E+00	21.53	0.101	N/A
FAM	C07	Unkn	4667 G	27	21.86	N/A	0.00E+00	0.00E+00	0.00E+00	21.86	0.001	N/A
FAM	C08	Unkn	4667 G	27	21.86	N/A	0.00E+00	0.00E+00	0.00E+00	21.86	0.001	N/A
FAM	D01	Unkn	4651 FIV	4	35.78	N/A	0.00E+00	0.00E+00	0.00E+00	36.22	0.623	N/A
FAM	D02	Unkn	4651 FIV	4	36.66	N/A	0.00E+00	0.00E+00	0.00E+00	36.22	0.623	N/A
FAM	D03	Unkn	4657 FIV	12	34.57	N/A	0.00E+00	0.00E+00	0.00E+00	34.64	0.102	N/A
FAM	D04	Unkn	4657 FIV	12	34.72	N/A	0.00E+00	0.00E+00	0.00E+00	34.64	0.102	N/A
FAM	D05	Unkn	4662 FIV	20	34.91	N/A	0.00E+00	0.00E+00	0.00E+00	34.77	0.185	N/A
FAM	D06	Unkn	4662 FIV	20	34.64	N/A	0.00E+00	0.00E+00	0.00E+00	34.77	0.185	N/A
FAM	D07	Unkn	4667 FIV	28	31.19	N/A	0.00E+00	0.00E+00	0.00E+00	31.34	0.222	N/A
FAM	D08	Unkn	4667 FIV	28	31.50	N/A	0.00E+00	0.00E+00	0.00E+00	31.34	0.222	N/A
FAM	E01	Unkn	4653 G	5	28.05	N/A	0.00E+00	0.00E+00	0.00E+00	27.99	0.083	N/A
FAM	E02	Unkn	4653 G	5	27.93	N/A	0.00E+00	0.00E+00	0.00E+00	27.99	0.083	N/A
FAM	E03	Unkn	4658 G	13	28.09	N/A	0.00E+00	0.00E+00	0.00E+00	28.03	0.096	N/A
FAM	E04	Unkn	4658 G	13	27.96	N/A	0.00E+00	0.00E+00	0.00E+00	28.03	0.096	N/A
FAM	E05	Unkn	4663 G	21	26.17	N/A	0.00E+00	0.00E+00	0.00E+00	26.11	0.098	N/A
FAM	E06	Unkn	4663 G	21	26.04	N/A	0.00E+00	0.00E+00	0.00E+00	26.11	0.098	N/A
FAM	E07	Unkn	4669 G	29	26.76	N/A	0.00E+00	0.00E+00	0.00E+00	26.85	0.126	N/A
FAM	E08	Unkn	4669 G	29	26.94	N/A	0.00E+00	0.00E+00	0.00E+00	26.85	0.126	N/A
FAM	F01	Unkn	4653 FIV	6	31.49	N/A	0.00E+00	0.00E+00	0.00E+00	31.69	0.289	N/A
FAM	F02	Unkn	4653 FIV	6	31.90	N/A	0.00E+00	0.00E+00	0.00E+00	31.69	0.289	N/A
FAM	F03	Unkn	4658 FIV	14	35.18	N/A	0.00E+00	0.00E+00	0.00E+00	34.88	0.413	N/A
FAM	F04	Unkn	4658 FIV	14	34.59	N/A	0.00E+00	0.00E+00	0.00E+00	34.88	0.413	N/A
FAM	F05	Unkn	4663 FIV	22	35.19	N/A	0.00E+00	0.00E+00	0.00E+00	34.98	0.302	N/A
FAM	F06	Unkn	4663 FIV	22	34.76	N/A	0.00E+00	0.00E+00	0.00E+00	34.98	0.302	N/A
FAM	F07	Unkn	4669 FIV	30	34.23	N/A	0.00E+00	0.00E+00	0.00E+00	34.52	0.410	N/A
FAM	F08	Unkn	4669 FIV	30	34.81	N/A	0.00E+00	0.00E+00	0.00E+00	34.52	0.410	N/A
FAM	G01	Unkn	4654 G	7	22.61	N/A	0.00E+00	0.00E+00	0.00E+00	22.72	0.161	N/A
FAM	G02	Unkn	4654 G	7	22.83	N/A	0.00E+00	0.00E+00	0.00E+00	22.72	0.161	N/A
FAM	G03	Unkn	4659 G	15	21.04	N/A	0.00E+00	0.00E+00	0.00E+00	20.96	0.123	N/A
FAM	G04	Unkn	4659 G	15	20.87	N/A	0.00E+00	0.00E+00	0.00E+00	20.96	0.123	N/A
FAM	G05	Unkn	4665 G	23	26.44	N/A	0.00E+00	0.00E+00	0.00E+00	26.49	0.068	N/A
FAM	G06	Unkn	4665 G	23	26.54	N/A	0.00E+00	0.00E+00	0.00E+00	26.49	0.068	N/A
FAM	G07	Unkn	4670 G	31	27.52	N/A	0.00E+00	0.00E+00	0.00E+00	27.47	0.071	N/A
FAM	G08	Unkn	4670 G	31	27.42	N/A	0.00E+00	0.00E+00	0.00E+00	27.47	0.071	N/A
FAM	H01	Unkn	4654 FIV	8	33.62	N/A	0.00E+00	0.00E+00	0.00E+00	33.84	0.314	N/A
FAM	H02	Unkn	4654 FIV	8	34.07	N/A	0.00E+00	0.00E+00	0.00E+00	33.84	0.314	N/A
FAM	H03	Unkn	4659 FIV	16	33.91	N/A	0.00E+00	0.00E+00	0.00E+00	33.95	0.058	N/A
FAM	H04	Unkn	4659 FIV	16	33.99	N/A	0.00E+00	0.00E+00	0.00E+00	33.95	0.058	N/A
FAM	H05	Unkn	4665 FIV	24	33.34	N/A	0.00E+00	0.00E+00	0.00E+00	33.59	0.354	N/A
FAM	H06	Unkn	4665 FIV	24	33.84	N/A	0.00E+00	0.00E+00	0.00E+00	33.59	0.354	N/A
FAM	H07	Unkn	4670 FIV	32	35.47	N/A	0.00E+00	0.00E+00	0.00E+00	35.76	0.411	N/A
FAM	H08	Unkn	4670 FIV	32	36.05	N/A	0.00E+00	0.00E+00	0.00E+00	35.76	0.411	N/A

## Run Parameters

Hot Start?

No

Temperature Control Mode:

Algorithmic

Volume:

25 ul

## Data Analysis Parameters

## *Display Controls*

<b>Fluor</b>	<b>Display Mode</b>
FAM	SinglePoint

### ***Data Selection***

<b>Fluor</b>	<b>Data Window</b>	<b>Center</b>
FAM	Size 99%	End

### ***Digital Filtering***

<b>Fluor</b>	<b>Global Filter</b>	<b>PCR Digital</b>	<b>Smoothing Filter</b>
	<b>Enabled?</b>	<b>Filter Type</b>	<b>Desired Width</b>
FAM	Off	Weighted Mean	5

### ***PCR Data Analysis Method***

<b>Fluor</b>	<b>Data Analysis Method</b>
FAM	PCR Base Line Subtracted Curve Fit

### **PCR Baseline Data Analysis Parameters**

#### ***Baseline Calculation***

<b>Fluor</b>	<b>Baseline</b>	<b>Auto Baseline</b>	<b>Global Baseline Cycles</b>	
	<b>Method</b>	<b>Cycle Calculation?</b>	<b>Start</b>	<b>End</b>
FAM	Data Window	Yes	N/A	N/A

***Overriden Baseline Cycles***      None

#### ***Threshold Calculation***

<b>Fluor</b>	<b>Use Auto</b>	<b>Auto Calculated</b>	<b>User Defined</b>
	<b>Threshold?</b>	<b>Threshold Value</b>	<b>Threshold Value</b>
FAM	Yes	128.30	128.30

#### ***Excluded Wells***

Excluded Well Count:      0

#### ***Modified Wells***

Modified Well Count:    0

**End**