**荧光定量 PCR 检测报告**

**1. Info（实验信息）**

|  |  |
| --- | --- |
| Experiment Filename: | Demo\_Multi Color.lc96p |
| Run Started Date: | 07-Aug-2012 10:12:26 |
| Run End Date: | 07-Aug-2012 11:23:43 |
| Instrument Type: | LightCycler96 |
| Instrument Serial Number: | 000000000010011 |

**2. Run Profile（程序设置）**

**Programs**

Preincubation , 1 Cycles

|  |  |  |
| --- | --- | --- |
| Description | Aquisition | Ramp Rate |
| 95°C for 600 s | None | 4.4 |

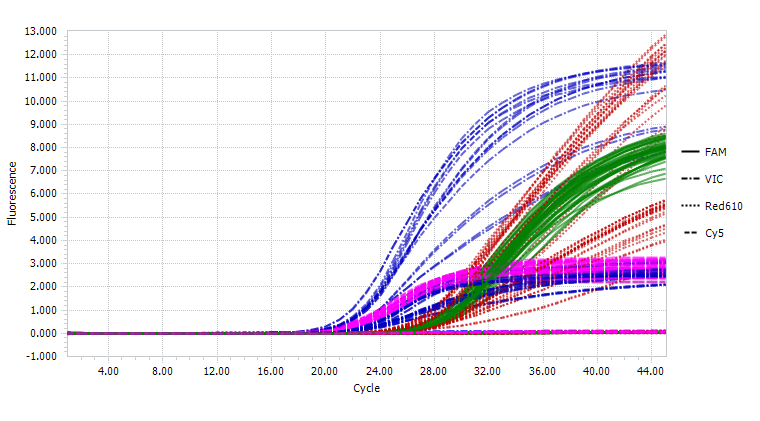
2 Step Amplification , 45 Cycles

|  |  |  |
| --- | --- | --- |
| Description | Aquisition | Ramp Rate |
| 95°C for 10 s | None | 4.4 |
| 60°C for 30 s | Single | 2.2 |

**3. Analysis（实验分析）**

**Abs Quant（定量分析）**

Ampification Curves（扩增曲线）



Result Table（实验结果）

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Position** | **Sample Name** | **Gene Name** | **Cq** | **Concentration** | **Call** | **Dye** |
| A1 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| A1 | cDNA | Fam | 24.56 |  | Positive | FAM |
| A1 | cDNA | Red610 | 23.80 |  | Positive | Red610 |
| A1 | cDNA | Vic | 20.32 |  | Positive | VIC |
| A2 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| A2 | cDNA | Fam | 24.64 |  | Positive | FAM |
| A2 | cDNA | Red610 | 23.83 |  | Positive | Red610 |
| A2 | cDNA | Vic | 20.40 |  | Positive | VIC |
| A3 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| A3 | cDNA | Fam | 24.52 |  | Positive | FAM |
| A3 | cDNA | TexasRed | 25.33 |  | Positive | Red610 |
| A3 | cDNA | Vic | 20.27 |  | Positive | VIC |
| A4 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| A4 | cDNA | Fam | 24.52 |  | Positive | FAM |
| A4 | cDNA | TexasRed | 25.36 |  | Positive | Red610 |
| A4 | cDNA | Vic | 20.25 |  | Positive | VIC |
| A5 | cDNA | Cy5 | 19.37 |  | Positive | Cy5 |
| A5 | cDNA | Fam | 24.53 |  | Positive | FAM |
| A5 | cDNA | noAmp\_Red610 |  |  | Negative | Red610 |
| A5 | cDNA | Vic | 20.10 |  | Positive | VIC |
| A6 | cDNA | Cy5 | 19.32 |  | Positive | Cy5 |
| A6 | cDNA | Fam | 24.53 |  | Positive | FAM |
| A6 | cDNA | noAmp\_Red610 |  |  | Negative | Red610 |
| A6 | cDNA | Vic | 20.12 |  | Positive | VIC |
| A7 | cDNA | Cy5 | 19.41 |  | Positive | Cy5 |
| A7 | cDNA | Fam | 24.43 |  | Positive | FAM |
| A7 | cDNA | noAmp\_TexasRed |  |  | Negative | Red610 |
| A7 | cDNA | Vic | 20.31 |  | Positive | VIC |
| A8 | cDNA | Cy5 | 19.53 |  | Positive | Cy5 |
| A8 | cDNA | Fam | 24.59 |  | Positive | FAM |
| A8 | cDNA | noAmp\_TexasRed |  |  | Negative | Red610 |
| A8 | cDNA | Vic | 20.24 |  | Positive | VIC |
| A9 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| A9 | cDNA | Fam | 25.00 |  | Positive | FAM |
| A9 | cDNA | Red610 | 23.81 |  | Positive | Red610 |
| A9 | cDNA | Hex | 20.85 |  | Positive | VIC |
| A10 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| A10 | cDNA | Fam | 24.98 |  | Positive | FAM |
| A10 | cDNA | Red610 | 23.56 |  | Positive | Red610 |
| A10 | cDNA | Hex | 20.76 |  | Positive | VIC |
| A11 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| A11 | cDNA | Fam | 24.82 |  | Positive | FAM |
| A11 | cDNA | TexasRed | 25.07 |  | Positive | Red610 |
| A11 | cDNA | Hex | 20.62 |  | Positive | VIC |
| A12 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| A12 | cDNA | Fam | 24.85 |  | Positive | FAM |
| A12 | cDNA | TexasRed | 25.03 |  | Positive | Red610 |
| A12 | cDNA | Hex | 20.60 |  | Positive | VIC |
| B1 | cDNA | Cy5 | 18.80 |  | Positive | Cy5 |
| B1 | cDNA | Fam | 24.52 |  | Positive | FAM |
| B1 | cDNA | noAmp\_Red610 |  |  | Negative | Red610 |
| B1 | cDNA | Hex | 20.45 |  | Positive | VIC |
| B2 | cDNA | Cy5 | 18.78 |  | Positive | Cy5 |
| B2 | cDNA | Fam | 24.63 |  | Positive | FAM |
| B2 | cDNA | noAmp\_Red610 |  |  | Negative | Red610 |
| B2 | cDNA | Hex | 20.53 |  | Positive | VIC |
| B3 | cDNA | Cy5 | 19.28 |  | Positive | Cy5 |
| B3 | cDNA | Fam | 25.05 |  | Positive | FAM |
| B3 | cDNA | noAmp\_TexasRed |  |  | Negative | Red610 |
| B3 | cDNA | Hex | 20.87 |  | Positive | VIC |
| B4 | cDNA | Cy5 | 19.31 |  | Positive | Cy5 |
| B4 | cDNA | Fam | 24.98 |  | Positive | FAM |
| B4 | cDNA | noAmp\_TexasRed |  |  | Negative | Red610 |
| B4 | cDNA | Hex | 20.88 |  | Positive | VIC |
| B5 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| B5 | cDNA | Fam | 24.75 |  | Positive | FAM |
| B5 | cDNA | Red610 | 24.12 |  | Positive | Red610 |
| B5 | cDNA | Yellow555 | 18.21 |  | Positive | VIC |
| B6 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| B6 | cDNA | Fam | 24.87 |  | Positive | FAM |
| B6 | cDNA | Red610 | 24.15 |  | Positive | Red610 |
| B6 | cDNA | Yellow555 | 18.23 |  | Positive | VIC |
| B7 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| B7 | cDNA | Fam | 24.81 |  | Positive | FAM |
| B7 | cDNA | TexasRed | 25.49 |  | Positive | Red610 |
| B7 | cDNA | Yellow555 | 18.07 |  | Positive | VIC |
| B8 | cDNA | noAmp\_Cy5 |  |  | Negative | Cy5 |
| B8 | cDNA | Fam | 24.58 |  | Positive | FAM |
| B8 | cDNA | TexasRed | 25.46 |  | Positive | Red610 |
| B8 | cDNA | Yellow555 | 17.99 |  | Positive | VIC |
| B9 | cDNA | Cy5 | 18.51 |  | Positive | Cy5 |
| B9 | cDNA | Fam | 23.83 |  | Positive | FAM |
| B9 | cDNA | noAmp\_Red610 |  |  | Negative | Red610 |
| B9 | cDNA | Yellow555 | 17.56 |  | Positive | VIC |
| B10 | cDNA | Cy5 | 17.19 |  | Positive | Cy5 |
| B10 | cDNA | Fam | 23.91 |  | Positive | FAM |
| B10 | cDNA | noAmp\_Red610 |  |  | Negative | Red610 |
| B10 | cDNA | Yellow555 | 17.61 |  | Positive | VIC |
| B11 | cDNA | Cy5 | 19.16 |  | Positive | Cy5 |
| B11 | cDNA | Fam | 24.86 |  | Positive | FAM |
| B11 | cDNA | noAmp\_TexasRed |  |  | Negative | Red610 |
| B11 | cDNA | Yellow555 | 18.57 |  | Positive | VIC |
| B12 | cDNA | Cy5 | 19.16 |  | Positive | Cy5 |
| B12 | cDNA | Fam | 24.81 |  | Positive | FAM |
| B12 | cDNA | noAmp\_TexasRed |  |  | Negative | Red610 |
| B12 | cDNA | Yellow555 | 18.57 |  | Positive | VIC |
| C1 | cDNA | Cy5 | 18.39 |  | Positive | Cy5 |
| C1 | cDNA | Fam | 23.91 |  | Positive | FAM |
| C1 | cDNA | Red610 | 23.02 |  | Positive | Red610 |
| C1 | cDNA | noAmp\_Hex |  |  | Negative | VIC |
| C2 | cDNA | Cy5 | 18.37 |  | Positive | Cy5 |
| C2 | cDNA | Fam | 24.04 |  | Positive | FAM |
| C2 | cDNA | Red610 | 23.03 |  | Positive | Red610 |
| C2 | cDNA | noAmp\_Hex |  |  | Negative | VIC |
| C3 | cDNA | Cy5 | 18.68 |  | Positive | Cy5 |
| C3 | cDNA | Fam | 24.20 |  | Positive | FAM |
| C3 | cDNA | TexasRed | 24.39 |  | Positive | Red610 |
| C3 | cDNA | noAmp\_Hex |  |  | Negative | VIC |
| C4 | cDNA | Cy5 | 18.60 |  | Positive | Cy5 |
| C4 | cDNA | Fam | 24.19 |  | Positive | FAM |
| C4 | cDNA | TexasRed | 24.32 |  | Positive | Red610 |
| C4 | cDNA | noAmp\_Hex |  |  | Negative | VIC |
| C5 | cDNA | Cy5 | 17.84 |  | Positive | Cy5 |
| C5 | cDNA | Fam | 23.95 |  | Positive | FAM |
| C5 | cDNA | Red610 | 22.30 |  | Positive | Red610 |
| C5 | cDNA | noAmp\_Yellow555 |  |  | Negative | VIC |
| C6 | cDNA | Cy5 | 17.95 |  | Positive | Cy5 |
| C6 | cDNA | Fam | 24.13 |  | Positive | FAM |
| C6 | cDNA | Red610 | 22.33 |  | Positive | Red610 |
| C6 | cDNA | noAmp\_Yellow555 |  |  | Negative | VIC |
| C7 | cDNA | Cy5 | 18.17 |  | Positive | Cy5 |
| C7 | cDNA | Fam | 23.91 |  | Positive | FAM |
| C7 | cDNA | TexasRed | 23.79 |  | Positive | Red610 |
| C7 | cDNA | noAmp\_Yellow555 |  |  | Negative | VIC |
| C8 | cDNA | Cy5 | 18.21 |  | Positive | Cy5 |
| C8 | cDNA | Fam | 23.80 |  | Positive | FAM |
| C8 | cDNA | TexasRed | 23.81 |  | Positive | Red610 |
| C8 | cDNA | noAmp\_Yellow555 |  |  | Negative | VIC |
| C9 | cDNA | Cy5 | 18.65 |  | Positive | Cy5 |
| C9 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| C9 | cDNA | Red610 | 22.86 |  | Positive | Red610 |
| C9 | cDNA | Vic | 19.49 |  | Positive | VIC |
| C10 | cDNA | Cy5 | 18.67 |  | Positive | Cy5 |
| C10 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| C10 | cDNA | Red610 | 22.90 |  | Positive | Red610 |
| C10 | cDNA | Vic | 19.50 |  | Positive | VIC |
| C11 | cDNA | Cy5 | 19.09 |  | Positive | Cy5 |
| C11 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| C11 | cDNA | TexasRed | 25.21 |  | Positive | Red610 |
| C11 | cDNA | Vic | 20.01 |  | Positive | VIC |
| C12 | cDNA | Cy5 | 19.03 |  | Positive | Cy5 |
| C12 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| C12 | cDNA | TexasRed | 25.19 |  | Positive | Red610 |
| C12 | cDNA | Vic | 19.98 |  | Positive | VIC |
| D1 | cDNA | Cy5 | 18.47 |  | Positive | Cy5 |
| D1 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| D1 | cDNA | Red610 | 23.13 |  | Positive | Red610 |
| D1 | cDNA | Hex | 20.37 |  | Positive | VIC |
| D2 | cDNA | Cy5 | 18.52 |  | Positive | Cy5 |
| D2 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| D2 | cDNA | Red610 | 23.16 |  | Positive | Red610 |
| D2 | cDNA | Hex | 20.46 |  | Positive | VIC |
| D3 | cDNA | Cy5 | 19.13 |  | Positive | Cy5 |
| D3 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| D3 | cDNA | TexasRed | 24.81 |  | Positive | Red610 |
| D3 | cDNA | Hex | 20.60 |  | Positive | VIC |
| D4 | cDNA | Cy5 | 19.05 |  | Positive | Cy5 |
| D4 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| D4 | cDNA | TexasRed | 24.73 |  | Positive | Red610 |
| D4 | cDNA | Hex | 20.63 |  | Positive | VIC |
| D5 | cDNA | Cy5 | 18.97 |  | Positive | Cy5 |
| D5 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| D5 | cDNA | Red610 | 23.52 |  | Positive | Red610 |
| D5 | cDNA | Yellow555 | 18.34 |  | Positive | VIC |
| D6 | cDNA | Cy5 | 18.89 |  | Positive | Cy5 |
| D6 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| D6 | cDNA | Red610 | 23.57 |  | Positive | Red610 |
| D6 | cDNA | Yellow555 | 18.32 |  | Positive | VIC |
| D7 | cDNA | Cy5 | 19.21 |  | Positive | Cy5 |
| D7 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| D7 | cDNA | TexasRed | 25.07 |  | Positive | Red610 |
| D7 | cDNA | Yellow555 | 18.62 |  | Positive | VIC |
| D8 | cDNA | Cy5 | 19.14 |  | Positive | Cy5 |
| D8 | cDNA | noAmp\_Fam |  |  | Negative | FAM |
| D8 | cDNA | TexasRed | 24.97 |  | Positive | Red610 |
| D8 | cDNA | Yellow555 | 18.63 |  | Positive | VIC |
| D9 | cDNA | Cy5 | 19.08 |  | Positive | Cy5 |
| D9 | cDNA | Fam | 24.61 |  | Positive | FAM |
| D9 | cDNA | Red610 | 21.23 |  | Positive | Red610 |
| D9 | cDNA | Vic | 20.16 |  | Positive | VIC |
| D10 | cDNA | Cy5 | 18.99 |  | Positive | Cy5 |
| D10 | cDNA | Fam | 24.57 |  | Positive | FAM |
| D10 | cDNA | Red610 | 20.93 |  | Positive | Red610 |
| D10 | cDNA | Vic | 20.21 |  | Positive | VIC |
| D11 | cDNA | Cy5 | 18.54 |  | Positive | Cy5 |
| D11 | cDNA | Fam | 24.65 |  | Positive | FAM |
| D11 | cDNA | Red610 | 22.93 |  | Positive | Red610 |
| D11 | cDNA | Hex | 20.99 |  | Positive | VIC |
| D12 | cDNA | Cy5 | 18.50 |  | Positive | Cy5 |
| D12 | cDNA | Fam | 24.74 |  | Positive | FAM |
| D12 | cDNA | Red610 | 23.09 |  | Positive | Red610 |
| D12 | cDNA | Hex | 20.87 |  | Positive | VIC |
| E1 | cDNA | Cy5 | 18.78 |  | Positive | Cy5 |
| E1 | cDNA | Fam | 24.67 |  | Positive | FAM |
| E1 | cDNA | Red610 | 23.09 |  | Positive | Red610 |
| E1 | cDNA | Yellow555 | 18.67 |  | Positive | VIC |
| E2 | cDNA | Cy5 | 18.70 |  | Positive | Cy5 |
| E2 | cDNA | Fam | 24.49 |  | Positive | FAM |
| E2 | cDNA | Red610 | 22.67 |  | Positive | Red610 |
| E2 | cDNA | Yellow555 | 18.66 |  | Positive | VIC |
| E3 | cDNA | Cy5 | 19.36 |  | Positive | Cy5 |
| E3 | cDNA | Fam | 24.83 |  | Positive | FAM |
| E3 | cDNA | TexasRed | 23.39 |  | Positive | Red610 |
| E3 | cDNA | Vic | 20.51 |  | Positive | VIC |
| E4 | cDNA | Cy5 | 19.37 |  | Positive | Cy5 |
| E4 | cDNA | Fam | 24.91 |  | Positive | FAM |
| E4 | cDNA | TexasRed | 23.38 |  | Positive | Red610 |
| E4 | cDNA | Vic | 20.51 |  | Positive | VIC |
| E5 | cDNA | Cy5 | 18.28 |  | Positive | Cy5 |
| E5 | cDNA | Fam | 24.46 |  | Positive | FAM |
| E5 | cDNA | TexasRed | 24.12 |  | Positive | Red610 |
| E5 | cDNA | Hex | 20.70 |  | Positive | VIC |
| E6 | cDNA | Cy5 | 18.27 |  | Positive | Cy5 |
| E6 | cDNA | Fam | 24.47 |  | Positive | FAM |
| E6 | cDNA | TexasRed | 24.14 |  | Positive | Red610 |
| E6 | cDNA | Hex | 20.65 |  | Positive | VIC |
| E7 | cDNA | Cy5 | 18.62 |  | Positive | Cy5 |
| E7 | cDNA | Fam | 25.35 |  | Positive | FAM |
| E7 | cDNA | TexasRed | 25.39 |  | Positive | Red610 |
| E7 | cDNA | Yellow555 | 18.94 |  | Positive | VIC |
| E8 | cDNA | Cy5 | 18.68 |  | Positive | Cy5 |
| E8 | cDNA | Fam | 25.32 |  | Positive | FAM |
| E8 | cDNA | TexasRed | 25.37 |  | Positive | Red610 |
| E8 | cDNA | Yellow555 | 19.08 |  | Positive | VIC |