**荧光定量 PCR 检测报告**

**1. Info（实验信息）**

|  |  |
| --- | --- |
| Experiment Filename: | Demo\_Rel Quant Mono Color.lc96p |
| Run Started Date: | 20-Apr-2012 11:19:58 |
| Run End Date: | 20-Apr-2012 12:28:59 |
| Instrument Type: | LightCycler96 |
| Instrument Serial Number: | 000000000000510 |

**2. Run Profile（程序设置）**

**Programs**

Preincubation , 1 Cycles

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

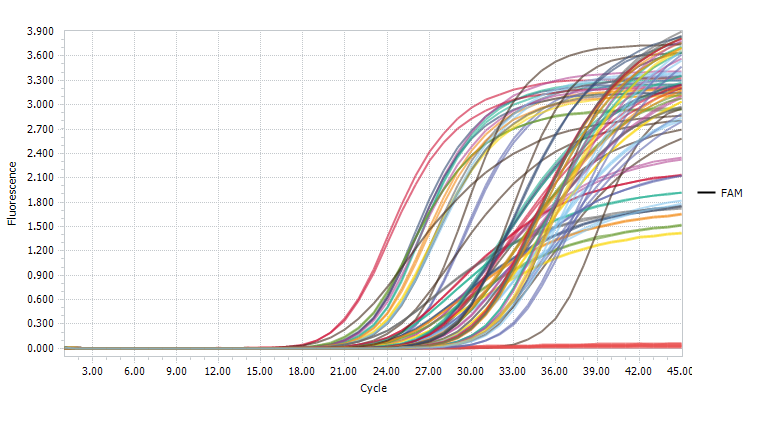
2 Step Amplification , 45 Cycles

|  |  |  |
| --- | --- | --- |
| 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 | S 1 | Target1 | 28.82 | 8.285E-1 | Positive | FAM |
| A2 | S 2 | Target1 | 27.51 | 2.095E+0 | Positive | FAM |
| A3 | S 3 | Target1 | 27.62 | 1.938E+0 | Positive | FAM |
| A4 | S 1 | Target1 | 28.75 | 8.706E-1 | Positive | FAM |
| A5 | S 2 | Target1 | 27.46 | 2.171E+0 | Positive | FAM |
| A6 | S 3 | Target1 | 28.46 | 1.069E+0 | Positive | FAM |
| A7 | S 1 | Target1 | 30.07 | 3.418E-1 | Positive | FAM |
| A8 | S 2 | Target1 | 27.24 | 2.537E+0 | Positive | FAM |
| A9 | S 3 | Target1 | 28.27 | 1.223E+0 | Positive | FAM |
| A10 | Cal | Target1 | 26.10 | 5.688E+0 | Positive | FAM |
| A11 | NTC | Target1 |  |  | Negative | FAM |
| A12 | STD 1 | Target1 | 23.12 | 4.695E+1 | Positive | FAM |
| B1 | S 1 | Target1 | 29.22 | 6.241E-1 | Positive | FAM |
| B2 | S 2 | Target1 | 27.52 | 2.080E+0 | Positive | FAM |
| B3 | S 3 | Target1 | 27.43 | 2.217E+0 | Positive | FAM |
| B4 | S 1 | Target1 | 28.58 | 9.820E-1 | Positive | FAM |
| B5 | S 2 | Target1 | 27.43 | 2.217E+0 | Positive | FAM |
| B6 | S 3 | Target1 | 28.80 | 8.403E-1 | Positive | FAM |
| B7 | S 1 | Target1 | 30.12 | 3.299E-1 | Positive | FAM |
| B8 | S 2 | Target1 | 27.38 | 2.297E+0 | Positive | FAM |
| B9 | S 3 | Target1 | 28.30 | 1.197E+0 | Positive | FAM |
| B10 | Cal | Target1 | 25.91 | 6.507E+0 | Positive | FAM |
| B11 | NRC | Target1 |  |  | Negative | FAM |
| B12 | STD 2 | Target1 | 26.33 | 4.833E+0 | Positive | FAM |
| C1 | S 1 | Target2 | 26.98 |  | Positive | FAM |
| C2 | S 2 | Target2 | 26.76 |  | Positive | FAM |
| C3 | S 3 | Target2 | 25.79 |  | Positive | FAM |
| C4 | S 1 | Target2 | 26.73 |  | Positive | FAM |
| C5 | S 2 | Target2 | 25.94 |  | Positive | FAM |
| C6 | S 3 | Target2 | 26.07 |  | Positive | FAM |
| C7 | S 1 | Target2 | 28.12 |  | Positive | FAM |
| C8 | S 2 | Target2 | 24.96 |  | Positive | FAM |
| C9 | S 3 | Target2 | 24.67 |  | Positive | FAM |
| C10 | Cal | Target2 | 24.92 |  | Positive | FAM |
| C11 | NTC | Target2 |  |  | Negative | FAM |
| C12 | STD 3 | Target1 | 29.17 | 6.466E-1 | Positive | FAM |
| D1 | S 1 | Target2 | 27.01 |  | Positive | FAM |
| D2 | S 2 | Target2 | 26.66 |  | Positive | FAM |
| D3 | S 3 | Target2 | 25.60 |  | Positive | FAM |
| D4 | S 1 | Target2 | 26.81 |  | Positive | FAM |
| D5 | S 2 | Target2 | 25.88 |  | Positive | FAM |
| D6 | S 3 | Target2 | 26.02 |  | Positive | FAM |
| D7 | S 1 | Target2 | 28.26 |  | Positive | FAM |
| D8 | S 2 | Target2 | 24.97 |  | Positive | FAM |
| D9 | S 3 | Target2 | 24.73 |  | Positive | FAM |
| D10 | Cal | Target2 | 25.04 |  | Positive | FAM |
| D11 | NRC | Target2 |  |  | Negative | FAM |
| D12 | STD 4 | Target1 | 33.01 | 4.260E-2 | Positive | FAM |
| E1 | S 1 | Reference1 | 25.13 | 5.007E-1 | Positive | FAM |
| E2 | S 2 | Reference1 | 21.00 | 8.713E+0 | Positive | FAM |
| E3 | S 3 | Reference1 | 23.07 | 2.081E+0 | Positive | FAM |
| E4 | S 1 | Reference1 | 23.90 | 1.172E+0 | Positive | FAM |
| E5 | S 2 | Reference1 | 23.27 | 1.813E+0 | Positive | FAM |
| E6 | S 3 | Reference1 | 23.87 | 1.197E+0 | Positive | FAM |
| E7 | S 1 | Reference1 | 25.04 | 5.329E-1 | Positive | FAM |
| E8 | S 2 | Reference1 | 22.20 | 3.799E+0 | Positive | FAM |
| E9 | S 3 | Reference1 | 22.41 | 3.286E+0 | Positive | FAM |
| E10 | Cal | Reference1 | 22.85 | 2.424E+0 | Positive | FAM |
| E11 | NTC | Reference1 |  |  | Negative | FAM |
| E12 | STD 1 | Reference1 | 18.39 | 5.299E+1 | Positive | FAM |
| F1 | S 1 | Reference1 | 25.13 | 5.007E-1 | Positive | FAM |
| F2 | S 2 | Reference1 | 20.97 | 8.896E+0 | Positive | FAM |
| F3 | S 3 | Reference1 | 23.01 | 2.170E+0 | Positive | FAM |
| F4 | S 1 | Reference1 | 23.87 | 1.197E+0 | Positive | FAM |
| F5 | S 2 | Reference1 | 23.21 | 1.889E+0 | Positive | FAM |
| F6 | S 3 | Reference1 | 23.87 | 1.197E+0 | Positive | FAM |
| F7 | S 1 | Reference1 | 25.00 | 5.478E-1 | Positive | FAM |
| F8 | S 2 | Reference1 | 22.28 | 3.595E+0 | Positive | FAM |
| F9 | S 3 | Reference1 | 22.41 | 3.286E+0 | Positive | FAM |
| F10 | Cal | Reference1 | 22.91 | 2.325E+0 | Positive | FAM |
| F11 | NRC | Reference1 |  |  | Negative | FAM |
| F12 | STD 2 | Reference1 | 21.99 | 4.393E+0 | Positive | FAM |
| G1 | S 1 | Reference2 | 21.18 |  | Positive | FAM |
| G2 | S 2 | Reference2 | 21.33 |  | Positive | FAM |
| G3 | S 3 | Reference2 | 20.74 |  | Positive | FAM |
| G4 | S 1 | Reference2 | 21.08 |  | Positive | FAM |
| G5 | S 2 | Reference2 | 19.67 |  | Positive | FAM |
| G6 | S 3 | Reference2 | 20.10 |  | Positive | FAM |
| G7 | S 1 | Reference2 | 23.45 |  | Positive | FAM |
| G8 | S 2 | Reference2 | 18.17 |  | Positive | FAM |
| G9 | S 3 | Reference2 | 20.57 |  | Positive | FAM |
| G10 | Cal | Reference2 | 20.11 |  | Positive | FAM |
| G11 | NTC | Reference2 |  |  | Negative | FAM |
| G12 | STD 3 | Reference1 | 25.01 | 5.440E-1 | Positive | FAM |
| H1 | S 1 | Reference2 | 21.17 |  | Positive | FAM |
| H2 | S 2 | Reference2 | 21.13 |  | Positive | FAM |
| H3 | S 3 | Reference2 | 20.69 |  | Positive | FAM |
| H4 | S 1 | Reference2 | 20.95 |  | Positive | FAM |
| H5 | S 2 | Reference2 | 19.54 |  | Positive | FAM |
| H6 | S 3 | Reference2 | 20.04 |  | Positive | FAM |
| H7 | S 1 | Reference2 | 23.34 |  | Positive | FAM |
| H8 | S 2 | Reference2 | 18.10 |  | Positive | FAM |
| H9 | S 3 | Reference2 | 20.43 |  | Positive | FAM |
| H10 | Cal | Reference2 | 20.08 |  | Positive | FAM |
| H11 | NRC | Reference2 |  |  | Negative | FAM |
| H12 | STD 4 | Reference1 | 28.48 | 4.935E-2 | Positive | FAM |