Mycoplasma contamination was detected by PCR using a mycoplasma detection kit （Takara, CY232, Tokyo, Japan） according to the manufacturer's instructions. The results showed that ARPE-19 cells were free of mycoplasma contamination. The following are the test results.

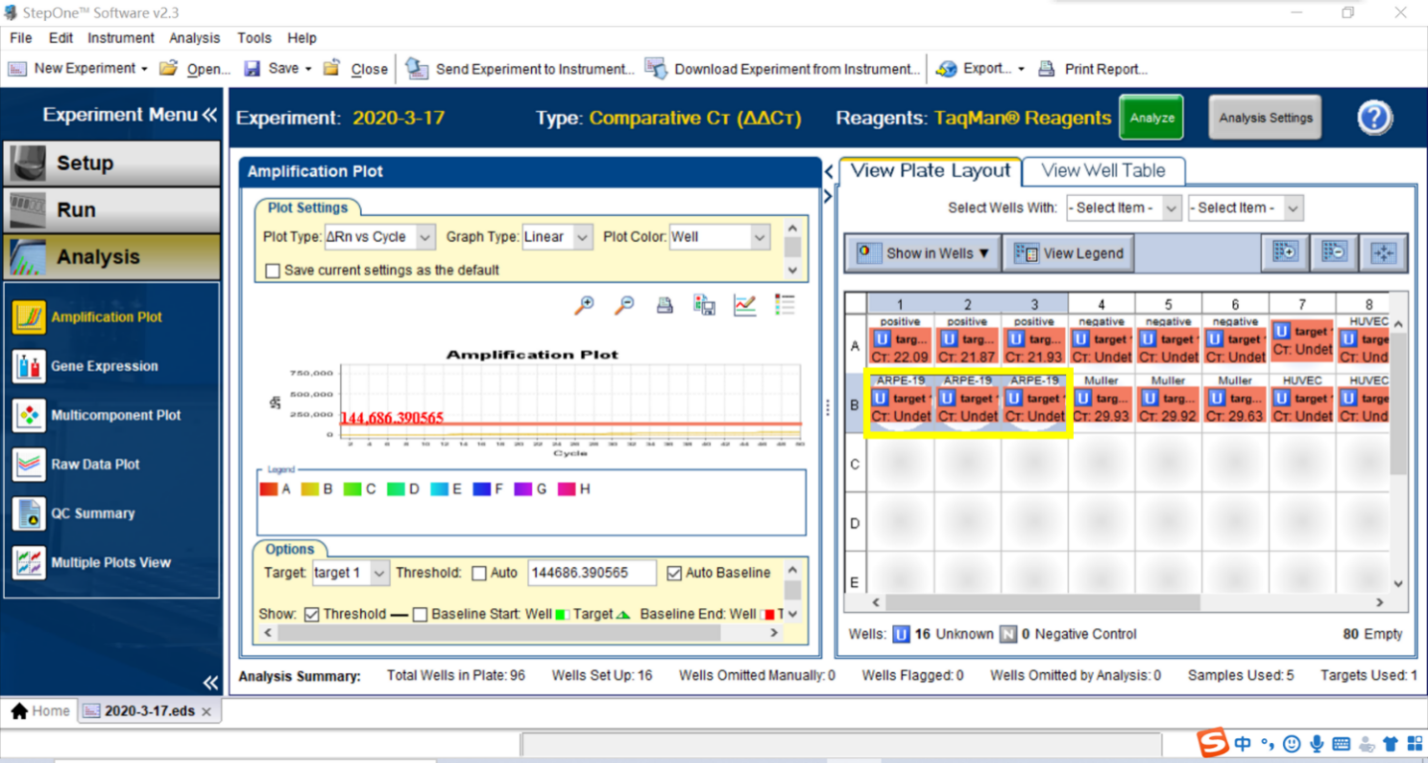


Figure 1. Amplification plot for ARPE-19 with FAM dye. The selected APRE-19 sample is shown in the yellow box.

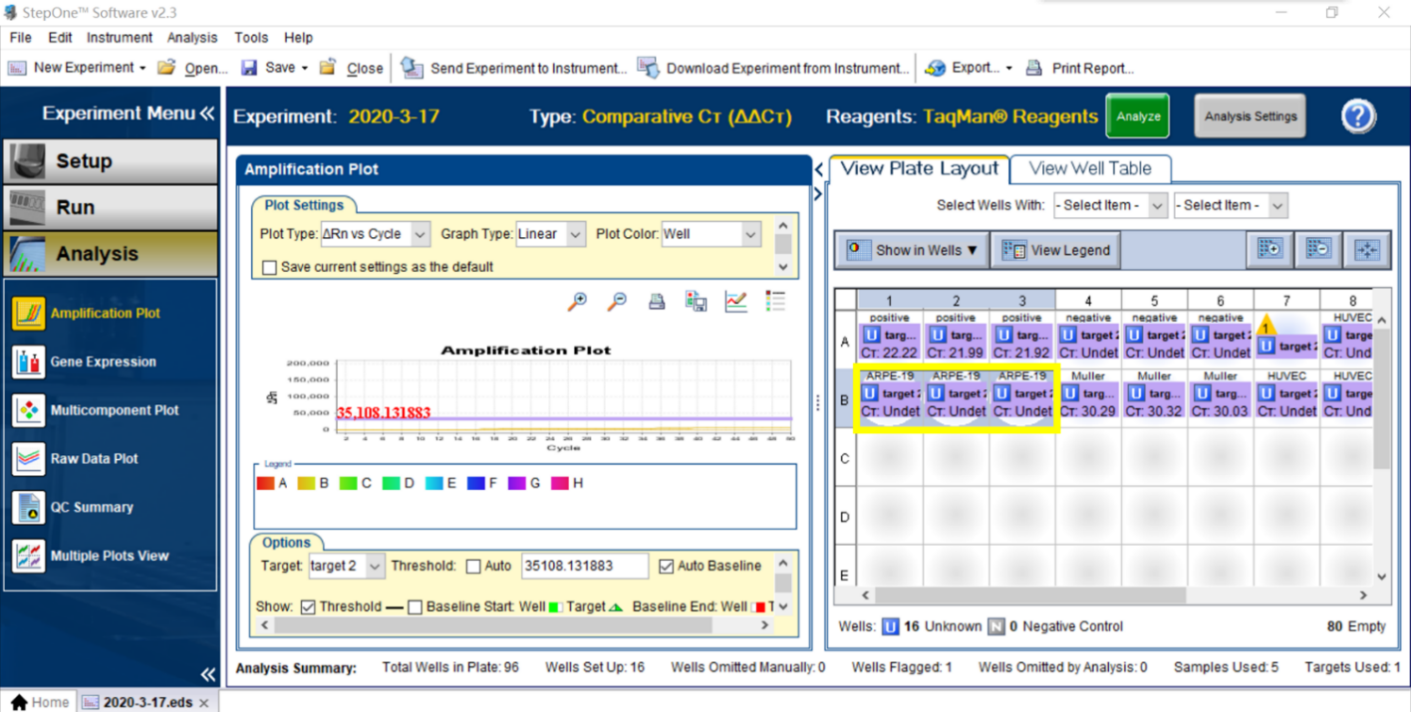


Figure 2. Amplification plot for ARPE-19 with ROX dye. The selected APRE-19 sample is shown in the yellow box.

|  |  |  |
| --- | --- | --- |
| Table 1 Test for mycoplasma contamination | | |
| **Sample** | **FAM** **dye** | **ROX** **dye** |
| Positive control | Amplification | Amplification |
| Negative control | No amplification | No amplification |
| ARPE-19 | No amplification | No amplification |