**Supplement Table 1.** Intra-repeatability and inter-reproducibility of the quadruplex real-time PCR assay. The repeatability and reproducibility were shown in mean ± standard deviation (SD) from three replicates.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Target** | **Standard sample(lg (copies/μL))** | **Intra reproductivity** | **Standard deviation(SD)** | **Coefficients of variation(%)** | **Inter reproductivity** | **SD** | **Coefficients of variation(%)** |
| **FAM-CVI988** | 7  | 18.057  | 0.012  | 0.064  | 18.073  | 0.023  | 0.129  |
|  | 5  | 24.773  | 0.159  | 0.644  | 25.314  | 0.473  | 1.869  |
|  | 3  | 29.807  | 0.215  | 0.723  | 29.374  | 0.374  | 1.275  |
| **Red610-RB1B** | 7  | 17.570  | 0.044  | 0.248  | 17.484  | 0.101  | 0.576  |
|  | 5  | 24.273  | 0.110  | 0.454  | 24.228  | 0.060  | 0.247  |
|  | 3  | 29.420  | 0.044  | 0.148  | 29.388  | 0.071  | 0.241  |
| **Cy5-HVT** | 7  | 15.577  | 0.038  | 0.243  | 15.499  | 0.068  | 0.439  |
|  | 5  | 21.903  | 0.540  | 2.465  | 21.856  | 0.044  | 0.201  |
|  | 3  | 28.127  | 0.680  | 2.416  | 28.142  | 0.081  | 0.288  |
| **Vic-ovo** | 7  | 17.600  | 0.085  | 0.482  | 17.598  | 0.020  | 0.114  |
|  | 5  | 23.790  | 0.226  | 0.951  | 23.753  | 0.032  | 0.135  |
|  | 3  | 30.670  | 0.014  | 0.046  | 30.607  | 0.055  | 0.181  |