|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A** |  |  |  |  |  |  |  |  |  |  |
|  | Cycle threshold number |
| DNA | 1081\_1 | 1081\_2 | 1081\_3 | 6110\_1 | 6110\_2 | 6110\_3 | LpqT | L2 | L3 | extRD9 |
| 1 (ng) | 16.16 | 15.63 | 15.85 | 18.42 | 17.61 | 18.97 | 18.88 | 19.12 | 18.4 | 20.28 |
| 100 (pg) | 19.57 | 18.95 | 18.97 | 21.61 | 20.79 | 22.47 | 21.91 | 22.36 | 22.3 | 23.77 |
| 10 (pg) | 22.85 | 22.59 | 21.69 | 25.17 | 24.15 | 25.93 | 25.62 | 25.74 | 26.1 | 27.76 |
| 1 (pg) | 26.61 | 26.06 | 26.04 | 28.51 | 27.59 | 29.47 | 28.85 | 29.25 | 29.8 | 31.63 |
| 100 (fg) | 29.93 | 29.64 | 29.57 | 32 | 30.85 | 32.78 | 32.62 | 32.87 | 33.4 | 35.16 |
| 10 (fg) | 33.92 | 33.38 | 33.06 | 34.35 | 33.82 | 35.07 | U | U | U | 39.24 |
| 1 (fg) | U | U | 36.01 | U | 34.59 | U | U | U | U | 39.47 |
| 0.1 (fg) | U | U | U | U | U | U | U | U | U | U |

DNA from *M. bovis* field strain 13-2826. NCBI BioProject PRJNA251692, submission SRA236672.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **B** |  |  |  |  |  |  |  |  |  |  |
|  | Cycle threshold number |
|  | 1081\_1 | 1081\_2 | 1081\_3 | 6110\_1 | 6110\_2 | 6110\_3 | LpqT | L2 | L3 | extRD9 |
| Slope | -3.53 | -3.55 | -3.49 | -3.26 | -3.28 | -3.28 | -3.44 | -3.44 | -3.85 | -3.80 |
| R2 | 0.9992 | 0.9997 | 0.9964 | 0.9972 | 0.9996 | 0.9961 | 0.9988 | 0.9995 | 0.9399 | 0.9996 |
| efficiency | 0.92 | 0.91 | 0.93 | 1.03 | 1.02 | 1.02 | 0.95 | 0.95 | 0.82 | 0.83 |
| LCD (fg) | 10  | 10 | 1  | 10 | 10 | 10 | 100 | 100  | 100  | 10  |