|  |  |  |  |
| --- | --- | --- | --- |
| **Step** | **MS2** | | |
| **Duration** | **Temperature (˚C)** | **Cycles** |
| Reverse Transcription | 15 minutes | 40 | 1 |
| Initial Denaturation | 10 minutes | 95 |
| Denaturing | 15 seconds | 95 | 45 |
| Annealing | 30 seconds | 60 |
| Extension | 45 seconds | 72 |
| Melting Curve Initial | 45 seconds | 68 | 1 |
| Melting Curve End | 5 seconds | 95 |
| Melt Curve Duration | 5 minutes | |
| Final Hold | infinite | 4 |