|  |  |  |  |
| --- | --- | --- | --- |
| **Step** | **Temperature (˚C)** | **Duration (minutes)** | **Cycles** |
| Initial Denaturation (dsDNA targets only) | 95 | 10 | 1 |
| Denaturation | 95 | 0.5 | 40 |
| Annealing | \* | 1 |
| Extension | 72 | 2 |
| Final Annealing | 4 | 5 | 1 |
| Final Denaturation | 95 | 5 | 1 |
| Hold | 4 | Infinite | 1 |