|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| State | Number of cycles | | Time (min: sec) | | Temperature (°C) | |
| MIX 1-MIX2 | MIX3 | MIX 1-MIX2 | MIX3 | MIX 1 | MIX2-MIX3 |
| Denaturation | 1 | 1 | 10:00 | 2:00 | 95 | 94 |
| Denaturation | 30 | 35 | 0:30 | 0:30 | 94 | 92 |
| Annealing | 1:30 | 0:30 | 60 | 51 |
| Extension | 1:00 | 1:00 | 72 | 72 |
| Extension | 1 | 1 | 30:00 | 20:00 | 60 | 72 |