**Supplementary table 1 S1:** Optimization of temperature and incubation time. (Negative control/1pg gDNA *T. canis* /1pg gDNA *T. cati*).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Time (min) | | | | | | | |
|  | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 |
| Temperature (ºC) | 52 | -/-/- | -/-/- | +/+/+ | +/+/+ | +/+/+ | +/+/+ | +/+/+ | +/+/+ |
| 54 | -/-/- | -/-/- | +/+/+ | +/+/+ | +/+/+ | +/+/+ | +/+/+ | +/+/+ |
| 56 | -/-/- | -/-/- | -/-/- | +/+/+ | +/+/+ | +/+/+ | +/+/+ | +/+/+ |
| 58 | -/-/- | -/-/- | -/-/- | -/+/+ | +/+/+ | +/+/+ | +/+/+ | +/+/+ |
| 60 | -/-/- | -/-/- | -/-/- | -/+/- | +/+/+ | +/+/+ | +/+/+ | +/+/+ |
| 62 | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | +/+/+ | +/+/+ | +/+/+ |
| 64 | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | +/+/+ | +/+/+ |
| 66 | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | +/+/+ |
| 68 | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- | -/-/- |