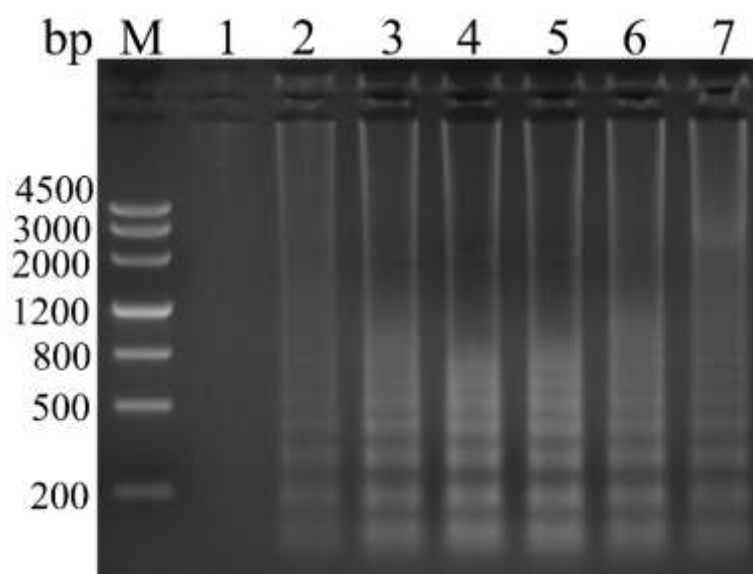


Appendix A Analysis of PA-CPA by agarose gel electrophoresis at different reaction temperatures. Lanes 1 and 2, 54°C; 3 and 4, 55°C; 5 and 6, 56°C; 7 and 8, 57°C; 9 and 10, 58°C; 11 and 12, 59°C; 13 and 14, 60°C; 15 and 16, 61°C; 17 and 18, 62°C; 19 and 20, 63 °C; 21 and 22, 64 °C; 23 and 24, 65 °C. Odd-numbered lanes contained DNA template and even numbered lanes substituted water for DNA template (negative controls). Lane M: DNA Marker 3.



Appendix B Time dependence of the PA-CPA reaction. Agarose gel electrophoresis of reaction products. Lane M: DNA Marker 3; Lane 1: Negative control/ 90 min; Lane 2: 15 min; Lane 3: 30 min; Lane 4: 45 min; Lane 5: 60 min; Lane 6: 75 min; Lane 7: 90 min.