a

![Image of a gel electrophoresis analysis with molecular weights and time points labeled: M, 0, 2, 4, 6, 8, 10, 12, 14, and a blank (-). The gel shows bands at 94.0, 67.0, 43.0, 20.1, and 14.4 kDa. Arrows indicate P40, P24, P21, and P16 at specific time points.]

b

![Bar graph showing degradation of alkanes (%). X-axis represents time in days (0, 2, 4, 6, 8, 10, 12, 14), and the Y-axis represents degradation (%). Bars indicate degradation levels at different time points: 0, 2, 4, 6, 8, 10, 12, and 14 days.]