

a.

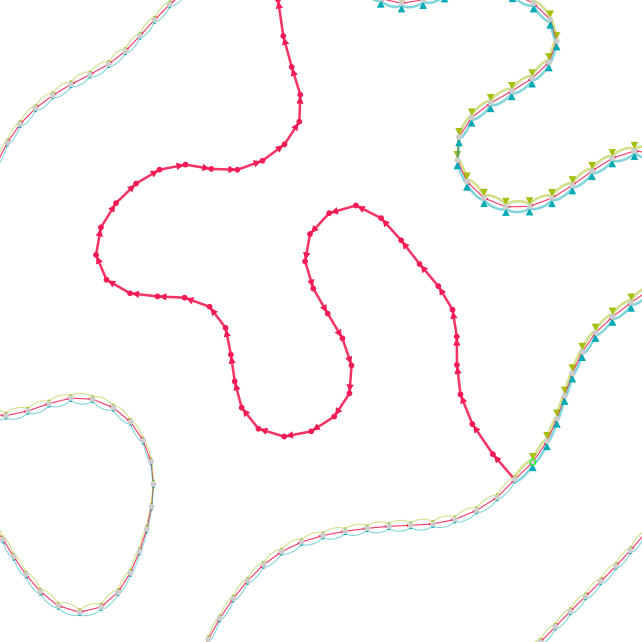


Figure 1a displays a plot of a closed curve, likely representing a trajectory or path, over time. The curve is colored red and features markers at each time step. The curve starts as a simple closed loop and evolves into a more complex shape with multiple lobes. The markers are small circles, and the curve is a solid red line.

Genomic browser view showing sequencing data for *P. falciparum*. The top track displays the reference genome with a red vertical line indicating the variant position. Below are tracks for 'No Variants Found', 'PG0443-C reads Coverage', 'PG0443-C reads', 'PG0555-CK2 reads Coverage', 'PG0555-CK2 reads', 'PG0445-C reads Coverage', 'PG0445-C reads', 'PacBio Coverage', 'PacBio', and 'Sequence'. The bottom track shows the sequence alignment with a red vertical line indicating the variant position. The variant is a C to T transition at position 1360549.