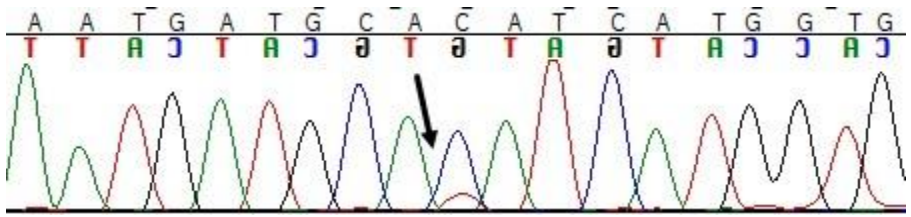
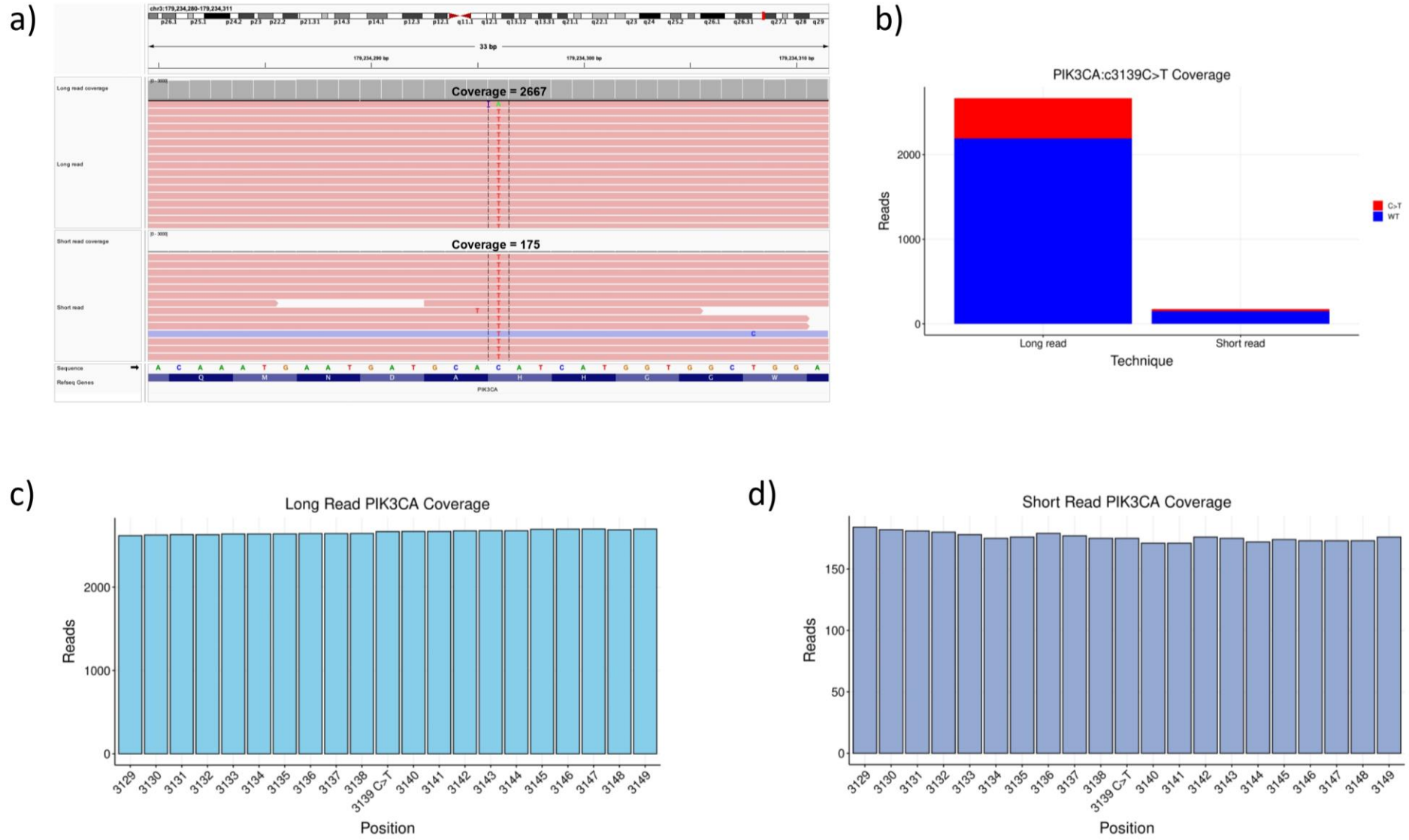


Supplemental Figure 1: Clinical Sanger Sequencing of *PIK3CA* variant. Trace show confirmation of NM_006218.4:c.3139C>T variant in DNA from cultured skin cells.



Supplemental Figure 2: *PIK3CA* coverage in single cell data. a) Integrative Genomics Viewer (IGV) snapshot of long (top) and short (bottom) -read coverage across *PIK3CA* region of interest; c.3139C>T coverage is highlighted. b) Stacked bar plot displaying proportion of c.3139C>T and wild-type allele reads for long-read and short-read sequencing. c) Long-read sequencing coverage around *PIK3CA*:c3139C>T locus. d) Short-read sequencing coverage around *PIK3CA*:c3139C>T locus.