COMPOSITIONS AND METHODS FOR TARGETED NUCLEIC ACID SEQUENCE ENRICHMENT AND HIGH EFFICIENCY LIBRARY GENERATION

ABSTRACT

The present invention provides methods, compositions and kits for targeted nucleic acid sequence enrichment in a nucleic acid sample and for high efficiency nucleic acid library generation for next generation sequencing (NGS). Specifically, the methods, compositions and kits provided herein are useful for the production and capture of amplification-ready, target-specific and strand-specific regions of interest from nucleic acid samples containing complex DNA.

FIG. 1