

NGS TP Index Kit for Illumina (Index Primers Set I) Transposase Method for Second Generation Sequencing Multi-sample Primer Kit I (Illumina)

Catalog number: N665968 (96 rxns)

Storage condition: -20°C storage, dry ice transportation.

Products content

| | |
|--------------------------------------|---------|
| Component | 96 rxns |
| Index N501-N508 Primers for Illumina | 8×12 µl |
| Index N701-N712 Primers for Illumina | 12×8 µl |

Products Introduction

This kit is a companion kit for the transposase-based second-generation sequencing Rapid DNA Library Construction Kit, designed for Illumina platform library construction, which contains 8 primers at the N5 end and 12 primers at the N7 end, which can be used to prepare 96 different bipartite Index libraries. All reagents provided in the kit have been subjected to stringent quality control and functional validation to maximize the stability and reproducibility of library construction. The prepared libraries can be sequenced on Illumina platforms such as HiSeq X-10/4000/2500/2000 and MiSeq.

Provide your own instruments, reagents and consumables

1. Magnetic frame: DynaMag™-2 is recommended.
2. DNA purification and recovery kit: It is recommended to use Kangwei DNA purification and recovery kit by magnetic bead method.
3. DNA building kit: It is recommended to use the Kangwei Century transposase method second-generation sequencing rapid DNA building kit.
4. Anhydrous ethanol.
5. Reaction tubes: It is recommended to use low adsorption PCR tubes and 1.5 ml centrifuge tubes; tips: It is recommended to use high-quality filtration tips to prevent contamination of reagent kits and library samples.

Pre-experiment Preparation and Important Notes

Please centrifuge briefly before opening the cap so that the liquid collects at the bottom of the tube to avoid cross-contamination between different primers.

For the use of the CombiVision Second Generation Sequencing Multisample Primer Kit, please follow the CombiVision Second Generation Sequencing Rapid DNA Library Kit protocol.

Index N501-N508 Primers for Illumina

| | Index Primers for Illumina | Index |
|------|--|--------------|
| N501 | 5'-AATGATACGGCGACCACCGAGATCTA CACTAGATCGCTCGTCGGCAGCGTC-3' | TAGATCGC |
| N502 | 5'-AATGATACGGCGACCACCGAGATCTA CACCTCTCTCTATTTCGTCGGCAGCGTC-3' | CTCTCTAT |
| N503 | 5'-AATGATACGGCGACCACCGAGATCTA CACTATCCTCTTCGTCGGCAGCGTC-3' | TATCCTCT |
| N504 | 5'-AATGATACGGCGACCACCGAGATCTA CACAGAGTAGATCGTCGGCAGCGTC-3' | AGAGTAGA |
| N505 | 5'-AATGATACGGCGACCACCGAGATCTA CACGTAAGGAGTCGTCGGCAGCGTC-3' | GTAAGGAG |
| N506 | 5'-AATGATACGGCGACCACCGAGATCTA CACACTGCATATCGTCGGCAGCGTC-3' | ACTGCATA |
| N507 | 5'-AATGATACGGCGACCACCGAGATCTA CACAAGGAGTATCGTCGGCAGCGTC-3' | AAGGAGTA |
| N508 | 5'-AATGATACGGCGACCACCGAGATCTA CACCTAAGCCTTCGTCGGCAGCGTC-3' | CTAAGCCT |

Index N701-N712 Primers for Illumina

| | Index Primers for Illumina | Index |
|------|--|----------|
| N701 | 5'-CAAGCAGAAGACGGCATAACGAGAT TCGCCTTAGTCTCGTGGGCTCGG-3' | TAAGGCCA |
| N702 | 5'-CAAGCAGAAGACGGCATAACGAGAT CTAGTACGGTCTCGTGGGCTCGG-3' | CGTACTAG |
| N703 | 5'-CAAGCAGAAGACGGCATAACGAGAT ftctacctatctcataaactcaa-3' | AGGCAGAA |
| N704 | 5'-CAAGCAGAAGACGGCATAACGAGAT GCTCAGGAGTCTCGTGGGCTCGG-3' | TCCTGAGC |
| N705 | 5'-CAAGCAGAAGACGGCATAACGAGAT AGGAGTCCGTCTCGTGGGCTCGG-3' | GGACTCCT |
| N706 | 5'-CAAGCAGAAGACGGCATAACGAGAT CATGCCTAGTCTCGTGGGCTCGG-3' | TAGGCATG |
| N707 | 5'-CAAGCAGAAGACGGCATAACGAGAT GTAGAGAGAGGTCTCGTGGGCTCGG-3' | CTCTCTAC |
| N708 | 5'-CAAGCAGAAGACGGCATAACGAGAT cctctctggtctctatgagctcag-3' | CAGAGAGG |
| N709 | 5'-CAAGCAGAAGACGGCATAACGAGAT AGCGTAGCGTCTCGTGGGCTCGG-3' | GCTACGCT |
| N710 | 5'-CAAGCAGAAGACGGCATAACGAGAT CAGCCTCGGTCTCGTGGGCTCGG-3' | CGAGGCTG |
| N711 | 5'-CAAGCAGAAGACGGCATAACGAGAT tgcctcttgtctctggtgctcgg-3' | AAGAGGCA |
| N712 | 5'-CAAGCAGAAGACGGCATAACGAGAT tcctctacgtctctggtgctcgg-3' | GTAGAGGA |