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

Catalog number: N665978 (384 rxns)

Storage condition: -20℃ storage, dry ice transportation.

Products content

Component	384 rxns
Index N502-N522 Primers for Ill umina	16 x 24 μl
Index N701-N729 Primers for Ill umina	24×16 μl

Products Introduction

This kit is a companion to the transposase-based rapid DNA library construction kit, designed for Illumina platform library construction. It contains 16 N5 primers and 24 N7 primers, which can be used to prepare 384 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 libraries can be used for sequencing on Illumina platforms such as HiSeq X-10/4000/2500/2000 and MiSeq.

Provide your own instruments, reagents and consumables

1. Magnetic frame: DynaMag^{TM-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 with 1.5 ml centrifuge tubes;

Tip: It is recommended to use a high quality filter tip to prevent contamination of 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.

procedure

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 N502-N522 Primers for Illumina

	Index Primers for Illumina	Index
N502	5'-AATGATACGGCGACCACCGAGATCTA CACCTCTCTCTATTCGTCGGCAGCGTC-3'	CTCTCTAT
N503	5'-AATGATACGGCGACCACCGAGATCTA CACTATCCTCTTCGTCGGCAGCGTC-3'	TATCCTCT
N505	5'-AATGATACGGCGACCACCGAGATCTA CACGTAAGGAGTCGTCGGCAGCGTC-3'	GTAAGGAG
N506	5'-AATGATACGGCGACCACCGAGATCTA CACACTGCATATCGTCGGCAGCGTC-3'	ACTGCATA
N507	5'-AATGATACGGCGACCACCGAGATCTA CACAAGGAGTATCGTCGGCAGCGTC-3'	AAGGAGTA
N508	5'-AATGATACGGCGACCACCGAGATCTA CACCTAAGCCTTCGTCGGCAGCGTC-3'	CTAAGCCT
N510	5'-AATGATACGGCGACCACCGAGATCTA CACCGTCTAATTCGTCGGCAGCGTC-4'	CGTCTAAT
N511	5'-AATGATACGGCGACCACCGAGATCTA cactctctctccgtcgtcgcgcagcgtc-5'	TCTCTCCG

	Index Primers for Illum ina	Index
N513	5'-AATGATACGGCGACCACCGAGATCTA cactcgactagtcgtcgggcagcgtc-6'	TCGACTAG
N515	5'-AATGATACGGCGACCACCGAGATCTA CACTTCTAGCTTCGTCGGCAGCGTC-7'	TTCTAGCT
N516	5'-AATGATACGGCGACCACCGAGATCTA CACCCTAGAGTTCGTCGGCAGCGTC-8'	CCTAGAGT
N517	5'-AATGATACGGCGACCACCGAGATCTA cacgcgtaagatcgtcgcggcagcgtc-3'	GCGTAAGA
N518	5'-AATGATACGGCGACCACCGAGATCTA CACCTATTAAGTCGTCGGCAGCGTC-4'	CTATTAAG
N520	5'-AATGATACGGCGACCACCGAGATCTA CACAAGGCTATTCGTCGGCAGCGTC-5'	AAGGCTAT
N521	5'-AATGATACGGCGACCACCGAGATCTA cacgagccttatcgtcgtcggcgtc-6'	GAGCCTTA
N522	5'-AATGATACGGCGACCACCGAGATCTA CACTTATGCGATCGTCGGCAGCGTC-7'	TTATGCGA

Index N701-N729 Primers for Illumina

	Index Primers for Illum ina	Index
N701	5'-CAAGCAGAAGACGGCATACGAGAT TCGCCTTAGTCTCGTGGGCTCGG-3'	TAAGGCGA
N702	5'-CAAGCAGAAGACGGCATACGAGAT CTAGTACGGTCTCGTGGGCTCGG-3'	CGTACTAG
N703	5'-CAAGCAGAAGACGGCATACGAGAT TTCTGCCTGTCTCGTGGGCTCGG-3'	AGGCAGAA
N704	5'-CAAGCAGAAGACGGCATACGAGAT GCTCAGGAGTCTCGTGGGCTCGG-3'	TCCTGAGC
N705	5'-CAAGCAGAAGACGGCATACGAGAT AGGAGTCCGTCTCGTGGGCTCGG-3'	GGACTCCT
N706	5'-CAAGCAGAAGACGGCATACGAGAT CATGCCTAGTCTCGTGGGCTCGG-3'	TAGGCATG
N707	5'-CAAGCAGAAGACGGCATACGAGAT GTAGAGAGAGGTCTCGTGGGCTCGG-3'	CTCTCTAC
N710	5'-CAAGCAGAAGACGGCATACGAGAT CAGCCTCGGTCTCGTGGGCTCGG-3'	CGAGGCTG
	Index Primers for Illumina	Index
N711	5'-CAAGCAGAAGACGGCATACGAGAT TGCCTCTTGTCTCGTGGGCTCGG-3'	AAGAGGCA
N712	5'-CAAGCAGAAGACGGCATACGAGAT tcctctacgtctcgtgggctcgg-3'	GTAGAGGA
N714	5'-CAAGCAGAAGACGGCATACGAGAT TCATGAGCGTCTCGTGGGCTCGG-3'	GCTCATGA
N715	5'-CAAGCAGAAGACGGCATACGAGAT cctgagatgtctcgtgggctcgg-3'	ATCTCAGG
N716	5'-CAAGCAGAAGACGGCATACGAGAT TAGCGAGTGTCTCGTGGGCTCGG-3'	ACTCGCTA
N718	5'-CAAGCAGAAGACGGCATACGAGAT GTAGCTCCGTCTCGTGGGCTCGG-3'	GGAGCTAC
N719	5'-CAAGCAGAAGACGGCATACGAGAT TACTACGCGTCTCGTGGGCTCGG-3'	GCGTAGTA
N720	5CAAGCAGAAGACGGCATACGAGAT AGGCTCCGGTCTCGTGGGCTCGG-3'	CGGAGCCT

N721	5'-CAAGCAGAAGACGGCATACGAGAT	TACGCTGC
N722	5'-CAAGCAGAAGACGGCATACGAGAT CTGCGCATGTCTCGTGGGCTCGG-3'	ATGCGCAG
N723	5'-CAAGCAGAAGACGGCATACGAGAT GAGCGCTAGTCTCGTGGGCTCGG-3'	TAGCGCTC
N724	5'-CAAGCAGAAGACGGCATACGAGAT CGCTCAGTGTCTCGTGGGCTCGG-3'	ACTGAGCG
N726	5'-CAAGCAGAAGACGGCATACGAGAT GTCTTAGGGTCTCGTGGGCTCGG-3'	CCTAAGAC
N727	5'-CAAGCAGAAGACGGCATACGAGAT ACTGATCGGTCTCGTGGGCTCGG-3'	CGATCAGT
N728	5'-CAAGCAGAAGACGGCATACGAGAT TAGCTGCAGTCTCGTGGGCTCGG-3'	TGCAGCTA
N729	5'-CAAGCAGAAGACGGCATACGAGAT GACGTCGAGTCTCGTGGGCTCGG-3'	TCGACGTC