

NGS TP Index Kit for Illumina (Index Primers Set III/IV/V/VI)**转座酶法二代测序多样本引物试剂盒 III/IV/V/VI (Illumina)**

目录号: N669983 (240 rxns)

保存条件: -20℃ 保存, 干冰运输。

产品内容

Component	N665989 240 rxns	N665993 240 rxns	N666687 240 rxns	N669983 240 rxns
Index N501 Primers for Illumina	240 µl	240 µl	240 µl	240 µl
Index N901-N924 Primers for Illumina	24×10 µl	—	—	—
Index N925-N948 Primers for Illumina	—	24×10 µl	—	—
Index N949-N972 Primers for Illumina	—	—	24×10 µl	—
Index N973-N996 Primers for Illumina	—	—	—	24×10 µl

注意: 单个引物使用量为 1 µl, 每种 N7 端引物可以进行 10 个 DNA 文库构建, 每个试剂盒可进行 240 个 DNA 文库构建。

产品简介

本试剂盒是转座酶法二代测序快速 DNA 建库试剂盒专用的配套试剂盒, 专为 Illumina 平台建库设计, 每个试剂盒包含 1 种 N5 端引物和 24 种 N7 端引物, 可用于制备 24 种不同的单端 Index 文库。试剂盒中提供的所有试剂都经过严格的质量控制和功能验证, 最大程度上保证了文库构建的稳定性和重复性。制备的文库可用于 HiSeq X-10/4000/2500 /2000 和 MiSeq 等 Illumina 平台测序。

自备仪器、试剂和耗材

1. 磁力架: 建议使用 DynaMag™-2。
2. DNA 纯化回收试剂盒: 建议使用康为磁珠法 DNA 纯化回收试剂盒。
3. DNA 建库试剂盒: 建议使用康为世纪转座酶法二代测序快速 DNA 建库试剂盒。
4. 无水乙醇。
5. 反应管: 建议使用低吸附的 PCR 管与 1.5 ml 离心管;
枪头: 建议使用高质量过滤枪头防止试剂盒、文库样本污染。

实验前准备及重要注意事项

开盖前请短暂离心, 使液体收集到管底, 以免不同引物间交叉污染。

操作步骤

康为世纪转座酶法二代测序多样本引物试剂盒使用方法请按照康为世纪转座酶法二代测序快速DNA 建库试剂盒 protocol 进行。

Index N501 Primer for Illumina

Index Primer for Illumina	
N501	5'-AATGATACGGCGACCACCGAGATCTACACTAGATCGCTCGTCGGCAGCGTC-3'

Index N901-N996 Primer for Illumina

Index Primers for Illumina		Index
N901	5'-CAAGCAGAAGACGGCATAACGAGAT AACGTGAT GTCTCGTGGGCTCGG-3'	ATCACGTT
N902	5'-CAAGCAGAAGACGGCATAACGAGAT AAACATCG GTCTCGTGGGCTCGG-3'	CGATGTTT
N903	5'-CAAGCAGAAGACGGCATAACGAGAT ATGCCTAA GTCTCGTGGGCTCGG-3'	TTAGGCAT
N904	5'-CAAGCAGAAGACGGCATAACGAGAT AGTGGTCA GTCTCGTGGGCTCGG-3'	TGACCACT
N905	5'-CAAGCAGAAGACGGCATAACGAGAT ACCACTGT GTCTCGTGGGCTCGG-3'	ACAGTGGT
N906	5'-CAAGCAGAAGACGGCATAACGAGAT ACATTGGC GTCTCGTGGGCTCGG-3'	GCCAATGT
Index Primers for Illumina		Index
N907	5'-CAAGCAGAAGACGGCATAACGAGAT CAGATCTG GTCTCGTGGGCTCGG-3'	CAGATCTG
N908	5'-CAAGCAGAAGACGGCATAACGAGAT CATCAAGT GTCTCGTGGGCTCGG-3'	ACTTGATG
N909	5'-CAAGCAGAAGACGGCATAACGAGAT CGCTGATC GTCTCGTGGGCTCGG-3'	GATCAGCG
N910	5'-CAAGCAGAAGACGGCATAACGAGAT ACAAGCTA GTCTCGTGGGCTCGG-3'	TAGCTTGT
N911	5'-CAAGCAGAAGACGGCATAACGAGAT CTGTAGCC GTCTCGTGGGCTCGG-3'	GGCTACAG
N912	5'-CAAGCAGAAGACGGCATAACGAGAT AGTACAAG GTCTCGTGGGCTCGG-3'	CTTGACT
N913	5'-CAAGCAGAAGACGGCATAACGAGAT AACAACCA GTCTCGTGGGCTCGG-3'	TGGTTGTT
N914	5'-CAAGCAGAAGACGGCATAACGAGAT AACCGAGA GTCTCGTGGGCTCGG-3'	TCTCGGTT

N915	5'-CAAGCAGAAGACGGCATAACGAGAT AACGCTTA GTCTCGTGGGCTCGG-3'	TAAGCGTT
N916	5'-CAAGCAGAAGACGGCATAACGAGAT AAGACGGA GTCTCGTGGGCTCGG-3'	TCCGTCTT
N917	5'-CAAGCAGAAGACGGCATAACGAGAT AAGGTACA GTCTCGTGGGCTCGG-3'	TGTACCTT
N918	5'-CAAGCAGAAGACGGCATAACGAGAT ACACAGAA GTCTCGTGGGCTCGG-3'	TTCTGTGT
N919	5'-CAAGCAGAAGACGGCATAACGAGAT ACAGCAGA GTCTCGTGGGCTCGG-3'	TCTGCTGT
N920	5'-CAAGCAGAAGACGGCATAACGAGAT ACCTCCAA GTCTCGTGGGCTCGG-3'	TTGGAGGT
N921	5'-CAAGCAGAAGACGGCATAACGAGAT ACGCTCGA GTCTCGTGGGCTCGG-3'	TCGAGCGT
N922	5'-CAAGCAGAAGACGGCATAACGAGAT ACGTATCA GTCTCGTGGGCTCGG-3'	TGATACGT
N923	5'-CAAGCAGAAGACGGCATAACGAGAT ACTATGCA GTCTCGTGGGCTCGG-3'	TGCATAGT
N924	5'-CAAGCAGAAGACGGCATAACGAGAT AGAGTCAA GTCTCGTGGGCTCGG-3'	TTGACTCT

	Index Primers for Illumina	Index
N925	5'-CAAGCAGAAGACGGCATAACGAGAT AGATCGCA GTCTCGTGGGCTCGG-3'	TGCGATCT
N926	5'-CAAGCAGAAGACGGCATAACGAGAT AGCAGGAA GTCTCGTGGGCTCGG-3'	TTCCTGCT
N927	5'-CAAGCAGAAGACGGCATAACGAGAT AGTCACTA GTCTCGTGGGCTCGG-3'	TAGTGA CT
N928	5'-CAAGCAGAAGACGGCATAACGAGAT ATCCTGTA GTCTCGTGGGCTCGG-3'	TACAGGAT
N929	5'-CAAGCAGAAGACGGCATAACGAGAT ATTGAGGA GTCTCGTGGGCTCGG-3'	TCCTCAAT
N930	5'-CAAGCAGAAGACGGCATAACGAGAT CAACCACA GTCTCGTGGGCTCGG-3'	TGTGGTTG
N931	5'-CAAGCAGAAGACGGCATAACGAGAT GACTAGTA GTCTCGTGGGCTCGG-3'	TACTAGTC
N932	5'-CAAGCAGAAGACGGCATAACGAGAT CAATGGAA GTCTCGTGGGCTCGG-3'	TTCCATTG

N933	5'-CAAGCAGAAGACGGCATAACGAGAT CACTTCGA GTCTCGTGGGCTCGG-3'	TCGAAGTG
N934	5'-CAAGCAGAAGACGGCATAACGAGAT CAGCGTTA GTCTCGTGGGCTCGG-3'	TAACGCTG
N935	5'-CAAGCAGAAGACGGCATAACGAGAT CATACCAA GTCTCGTGGGCTCGG-3'	TTGGTATG
N936	5'-CAAGCAGAAGACGGCATAACGAGAT CCACTTCA GTCTCGTGGGCTCGG-3'	TGAACTGG
N937	5'-CAAGCAGAAGACGGCATAACGAGAT CCGAAGTA GTCTCGTGGGCTCGG-3'	TACTTCGG
N938	5'-CAAGCAGAAGACGGCATAACGAGAT CCGTGAGA GTCTCGTGGGCTCGG-3'	TCTCACGG
N939	5'-CAAGCAGAAGACGGCATAACGAGAT CCTCCTGA GTCTCGTGGGCTCGG-3'	TCAGGAGG
N940	5'-CAAGCAGAAGACGGCATAACGAGAT CGAACTTA GTCTCGTGGGCTCGG-3'	TAAGTTCC
N941	5'-CAAGCAGAAGACGGCATAACGAGAT CGACTGGA GTCTCGTGGGCTCGG-3'	TCCAGTCG
N942	5'-CAAGCAGAAGACGGCATAACGAGAT CGCATACA GTCTCGTGGGCTCGG-3'	TGTATGCG

	Index Primers for Illumina	Index
N943	5'-CAAGCAGAAGACGGCATAACGAGAT CTCAATGA GTCTCGTGGGCTCGG-3'	TCATTGAG
N944	5'-CAAGCAGAAGACGGCATAACGAGAT CTGAGCCA GTCTCGTGGGCTCGG-3'	TGGCTCAG
N945	5'-CAAGCAGAAGACGGCATAACGAGAT CTGGCATA GTCTCGTGGGCTCGG-3'	TATGCCAG
N946	5'-CAAGCAGAAGACGGCATAACGAGAT GAATCTGA GTCTCGTGGGCTCGG-3'	TCAGATTC
N947	5'-CAAGCAGAAGACGGCATAACGAGAT CAAGACTA GTCTCGTGGGCTCGG-3'	TAGTCTTG
N948	5'-CAAGCAGAAGACGGCATAACGAGAT GAGCTGAA GTCTCGTGGGCTCGG-3'	TTCAGCTC
N949	5'-CAAGCAGAAGACGGCATAACGAGAT GATAGACA GTCTCGTGGGCTCGG-3'	TGTCTATC
N950	5'-CAAGCAGAAGACGGCATAACGAGAT GCCACATA GTCTCGTGGGCTCGG-3'	TATGTGGC

N951	5'-CAAGCAGAAGACGGCATAACGAGAT GCGAGTAA GTCTCGTGGGCTCGG-3'	TTACTCGC
N952	5'-CAAGCAGAAGACGGCATAACGAGAT GCTAACGA GTCTCGTGGGCTCGG-3'	TCGTTAGC
N953	5'-CAAGCAGAAGACGGCATAACGAGAT GCTCGGTA GTCTCGTGGGCTCGG-3'	TACCGAGC
N954	5'-CAAGCAGAAGACGGCATAACGAGAT GGAGAACA GTCTCGTGGGCTCGG-3'	TGTTCTCC
N955	5'-CAAGCAGAAGACGGCATAACGAGAT GGTGCGAA GTCTCGTGGGCTCGG-3'	TTCGCACC
N956	5'-CAAGCAGAAGACGGCATAACGAGAT GTACGCAA GTCTCGTGGGCTCGG-3'	TTGCGTAC
N957	5'-CAAGCAGAAGACGGCATAACGAGAT GTCGTAGA GTCTCGTGGGCTCGG-3'	TCTACGAC
N958	5'-CAAGCAGAAGACGGCATAACGAGAT GTCTGTCA GTCTCGTGGGCTCGG-3'	TGACAGAC
N959	5'-CAAGCAGAAGACGGCATAACGAGAT GTGTTCTA GTCTCGTGGGCTCGG-3'	TAGAACAC
N960	5'-CAAGCAGAAGACGGCATAACGAGAT TAGGATGA GTCTCGTGGGCTCGG-3'	TCATCCTA

	Index Primers for Illumina	Index
N961	5'-CAAGCAGAAGACGGCATAACGAGAT TATCAGCA GTCTCGTGGGCTCGG-3'	TGCTGATA
N962	5'-CAAGCAGAAGACGGCATAACGAGAT TCCGTCTA GTCTCGTGGGCTCGG-3'	TAGACGGA
N963	5'-CAAGCAGAAGACGGCATAACGAGAT TCTTCACA GTCTCGTGGGCTCGG-3'	TGTGAAGA
N964	5'-CAAGCAGAAGACGGCATAACGAGAT TGAAGAGA GTCTCGTGGGCTCGG-3'	TCTCTTCA
N965	5'-CAAGCAGAAGACGGCATAACGAGAT TGGAACAA GTCTCGTGGGCTCGG-3'	TTGTTCCA
N966	5'-CAAGCAGAAGACGGCATAACGAGAT TGGCTTCA GTCTCGTGGGCTCGG-3'	TGAAGCCA
N967	5'-CAAGCAGAAGACGGCATAACGAGAT TGGTGGTA GTCTCGTGGGCTCGG-3'	TACCACCA

N968	5'-CAAGCAGAAGACGGCATAACGAGAT TTCACGCA GTCTCGTGGGCTCGG-3'	TGCGTGAA
N969	5'-CAAGCAGAAGACGGCATAACGAGAT AACTCACC GTCTCGTGGGCTCGG-3'	GGTGAGTT
N970	5'-CAAGCAGAAGACGGCATAACGAGAT AAGAGATC GTCTCGTGGGCTCGG-3'	GATCTCTT
N971	5'-CAAGCAGAAGACGGCATAACGAGAT AAGGACAC GTCTCGTGGGCTCGG-3'	GTGTCCTT
N972	5'-CAAGCAGAAGACGGCATAACGAGAT AATCCGTC GTCTCGTGGGCTCGG-3'	GACGGATT
N973	5'-CAAGCAGAAGACGGCATAACGAGAT AATGTTGC GTCTCGTGGGCTCGG-3'	GCAACATT
N974	5'-CAAGCAGAAGACGGCATAACGAGAT ACACGACC GTCTCGTGGGCTCGG-3'	GGTCGTGT
N975	5'-CAAGCAGAAGACGGCATAACGAGAT ACAGATTC GTCTCGTGGGCTCGG-3'	GAATCTGT
N976	5'-CAAGCAGAAGACGGCATAACGAGAT AGATGTAC GTCTCGTGGGCTCGG-3'	GTACATCT
N977	5'-CAAGCAGAAGACGGCATAACGAGAT AGCACCTC GTCTCGTGGGCTCGG-3'	GAGGTGCT
N978	5'-CAAGCAGAAGACGGCATAACGAGAT AGCCATGC GTCTCGTGGGCTCGG-3'	GCATGGCT

	Index Primers for Illumina	Index
N979	5'-CAAGCAGAAGACGGCATAACGAGAT AGGCTAAC GTCTCGTGGGCTCGG-3'	GTTAGCCT
N980	5'-CAAGCAGAAGACGGCATAACGAGAT ATAGCGAC GTCTCGTGGGCTCGG-3'	GTCGCTAT
N981	5'-CAAGCAGAAGACGGCATAACGAGAT ATCATTCC GTCTCGTGGGCTCGG-3'	GGAATGAT
N982	5'-CAAGCAGAAGACGGCATAACGAGAT ATTGGCTC GTCTCGTGGGCTCGG-3'	GAGCCAAT
N983	5'-CAAGCAGAAGACGGCATAACGAGAT CAAGGAGC GTCTCGTGGGCTCGG-3'	GCTCCTTG
N984	5'-CAAGCAGAAGACGGCATAACGAGAT CACCTTAC GTCTCGTGGGCTCGG-3'	GTAAGGTG

N985	5'-CAAGCAGAAGACGGCATAACGAGAT CCATCCTC GTCTCGTGGGCTCGG-3'	GAGGATGG
N986	5'-CAAGCAGAAGACGGCATAACGAGAT CCGACAAC GTCTCGTGGGCTCGG-3'	GTTGTCGG
N987	5'-CAAGCAGAAGACGGCATAACGAGAT CCTAATCC GTCTCGTGGGCTCGG-3'	GGATTAGG
N988	5'-CAAGCAGAAGACGGCATAACGAGAT CCTCTATC GTCTCGTGGGCTCGG-3'	GATAGAGG
N989	5'-CAAGCAGAAGACGGCATAACGAGAT CGACACAC GTCTCGTGGGCTCGG-3'	GTGTGTCG
N990	5'-CAAGCAGAAGACGGCATAACGAGAT CGGATTGC GTCTCGTGGGCTCGG-3'	GCAATCCG
N991	5'-CAAGCAGAAGACGGCATAACGAGAT CTAAGGTC GTCTCGTGGGCTCGG-3'	GACCTTAG
N992	5'-CAAGCAGAAGACGGCATAACGAGAT GAACAGGC GTCTCGTGGGCTCGG-3'	GCCTGTTC
N993	5'-CAAGCAGAAGACGGCATAACGAGAT GACAGTGC GTCTCGTGGGCTCGG-3'	GCACTGTC
N994	5'-CAAGCAGAAGACGGCATAACGAGAT GAGTTAGC GTCTCGTGGGCTCGG-3'	GCTAACTC
N995	5'-CAAGCAGAAGACGGCATAACGAGAT GATGAATC GTCTCGTGGGCTCGG-3'	GATTCATC
N996	5'-CAAGCAGAAGACGGCATAACGAGAT GCCAAGAC GTCTCGTGGGCTCGG-3'	GTCTTGCC