



# 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：** CW2960S (240 rxns) / CW2961S (240 rxns)  
CW2962S (240 rxns) / CW2963S (240 rxns)

**保存条件：** -20℃保存, 干冰运输。

### 产品内容

Component	CW2960S 240 rxns	CW2961S 240 rxns	CW2962S 240 rxns	CW2963S 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 (Cat.No. 12321D)。
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 (Cat.No. CW2508)。
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 (Cat.No. CW2845/CW2846/CW2847)。
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（Cat.No.CW2845/CW2846/CW2847）protocol进行。

### Index N501 Primer for Illumina

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

### Index N901-N996 Primer for Illumina

	Index Primers for Illumina	Index
N901	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AACGTGAT</b> GTCTCGTGGGCTCGG-3'	ATCACGTT
N902	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AAACATCG</b> GTCTCGTGGGCTCGG-3'	CGATGTTT
N903	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ATGCCTAA</b> GTCTCGTGGGCTCGG-3'	TTAGGCAT
N904	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGTGGTCA</b> GTCTCGTGGGCTCGG-3'	TGACCACT
N905	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACCACTGT</b> GTCTCGTGGGCTCGG-3'	ACAGTGGT
N906	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACATTGGC</b> GTCTCGTGGGCTCGG-3'	GCCAATGT

	<b>Index Primers for Illumina</b>	<b>Index</b>
N907	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CAGATCTG</b> GTCTCGTGGGCTCGG-3'	CAGATCTG
N908	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CATCAAGT</b> GTCTCGTGGGCTCGG-3'	ACTTGATG
N909	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CGCTGATC</b> GTCTCGTGGGCTCGG-3'	GATCAGCG
N910	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACAAGCTA</b> GTCTCGTGGGCTCGG-3'	TAGCTTGT
N911	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CTGTAGCC</b> GTCTCGTGGGCTCGG-3'	GGCTACAG
N912	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGTACAAG</b> GTCTCGTGGGCTCGG-3'	CTTGACT
N913	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AACAACCA</b> GTCTCGTGGGCTCGG-3'	TGGTTGTT
N914	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AACCGAGA</b> GTCTCGTGGGCTCGG-3'	TCTCGGTT
N915	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AACGCTTA</b> GTCTCGTGGGCTCGG-3'	TAAGCGTT
N916	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AAGACGGA</b> GTCTCGTGGGCTCGG-3'	TCCGTCTT
N917	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AAGGTACA</b> GTCTCGTGGGCTCGG-3'	TGTACCTT
N918	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACACAGAA</b> GTCTCGTGGGCTCGG-3'	TTCTGTGT
N919	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACAGCAGA</b> GTCTCGTGGGCTCGG-3'	TCTGCTGT
N920	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACCTCCAA</b> GTCTCGTGGGCTCGG-3'	TTGGAGGT
N921	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACGCTCGA</b> GTCTCGTGGGCTCGG-3'	TCGAGCGT
N922	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACGTATCA</b> GTCTCGTGGGCTCGG-3'	TGATACGT
N923	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACTATGCA</b> GTCTCGTGGGCTCGG-3'	TGCATAGT
N924	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGAGTCAA</b> GTCTCGTGGGCTCGG-3'	TTGACTCT

	<b>Index Primers for Illumina</b>	<b>Index</b>
N925	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGATCGCA</b> GTCTCGTGGGCTCGG-3'	TGCGATCT
N926	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGCAGGAA</b> GTCTCGTGGGCTCGG-3'	TTCCTGCT
N927	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGTCACTA</b> GTCTCGTGGGCTCGG-3'	TAGTGACT
N928	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ATCCTGTA</b> GTCTCGTGGGCTCGG-3'	TACAGGAT
N929	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ATTGAGGA</b> GTCTCGTGGGCTCGG-3'	TCCTCAAT
N930	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CAACCACA</b> GTCTCGTGGGCTCGG-3'	TGTGGTTG
N931	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GACTAGTA</b> GTCTCGTGGGCTCGG-3'	TACTAGTC
N932	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CAATGGAA</b> GTCTCGTGGGCTCGG-3'	TTCCATTG
N933	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CACTTCGA</b> GTCTCGTGGGCTCGG-3'	TCGAAGTG
N934	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CAGCGTTA</b> GTCTCGTGGGCTCGG-3'	TAACGCTG
N935	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CATACCAA</b> GTCTCGTGGGCTCGG-3'	TTGGTATG
N936	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CCAGTTCA</b> GTCTCGTGGGCTCGG-3'	TGAACTGG
N937	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CCGAAGTA</b> GTCTCGTGGGCTCGG-3'	TACTTCGG
N938	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CCGTGAGA</b> GTCTCGTGGGCTCGG-3'	TCTCACGG
N939	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CCTCCTGA</b> GTCTCGTGGGCTCGG-3'	TCAGGAGG
N940	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CGAACTTA</b> GTCTCGTGGGCTCGG-3'	TAAGTTCC
N941	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CGACTGGA</b> GTCTCGTGGGCTCGG-3'	TCCAGTCG
N942	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CGCATACA</b> GTCTCGTGGGCTCGG-3'	TGTATGCG

	<b>Index Primers for Illumina</b>	<b>Index</b>
N943	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CTCAATGA</b> GTCTCGTGGGCTCGG-3'	TCATTGAG
N944	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CTGAGCCA</b> GTCTCGTGGGCTCGG-3'	TGGCTCAG
N945	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CTGGCATA</b> GTCTCGTGGGCTCGG-3'	TATGCCAG
N946	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GAATCTGA</b> GTCTCGTGGGCTCGG-3'	TCAGATTC
N947	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CAAGACTA</b> GTCTCGTGGGCTCGG-3'	TAGTCTTG
N948	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GAGCTGAA</b> GTCTCGTGGGCTCGG-3'	TTCAGCTC
N949	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GATAGACA</b> GTCTCGTGGGCTCGG-3'	TGTCTATC
N950	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GCCACATA</b> GTCTCGTGGGCTCGG-3'	TATGTGGC
N951	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GCGAGTAA</b> GTCTCGTGGGCTCGG-3'	TACTCGC
N952	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GCTAACGA</b> GTCTCGTGGGCTCGG-3'	TCGTTAGC
N953	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GCTCGGTA</b> GTCTCGTGGGCTCGG-3'	TACCGAGC
N954	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GGAGAACA</b> GTCTCGTGGGCTCGG-3'	TGTTCTCC
N955	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GGTGCGAA</b> GTCTCGTGGGCTCGG-3'	TTCGCACC
N956	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GTACGCAA</b> GTCTCGTGGGCTCGG-3'	TTGCGTAC
N957	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GTCGTAGA</b> GTCTCGTGGGCTCGG-3'	TCTACGAC
N958	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GTCTGTCA</b> GTCTCGTGGGCTCGG-3'	TGACAGAC
N959	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GTGTTCTA</b> GTCTCGTGGGCTCGG-3'	TAGAACAC
N960	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TAGGATGA</b> GTCTCGTGGGCTCGG-3'	TCATCCTA

	<b>Index Primers for Illumina</b>	<b>Index</b>
N961	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TATCAGCA</b> GTCTCGTGGGCTCGG-3'	TGCTGATA
N962	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TCCGTCTA</b> GTCTCGTGGGCTCGG-3'	TAGACGGA
N963	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TCTTCACA</b> GTCTCGTGGGCTCGG-3'	TGTGAAGA
N964	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TGAAGAGA</b> GTCTCGTGGGCTCGG-3'	TCTCTTCA
N965	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TGGAACAA</b> GTCTCGTGGGCTCGG-3'	TTGTTCCA
N966	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TGGCTTCA</b> GTCTCGTGGGCTCGG-3'	TGAAGCCA
N967	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TGGTGGTA</b> GTCTCGTGGGCTCGG-3'	TACCACCA
N968	5'-CAAGCAGAAGACGGCATAACGAGAT <b>TTCACGCA</b> GTCTCGTGGGCTCGG-3'	TGCGTGAA
N969	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AACTCACC</b> GTCTCGTGGGCTCGG-3'	GGTGAGTT
N970	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AAGAGATC</b> GTCTCGTGGGCTCGG-3'	GATCTCTT
N971	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AAGGACAC</b> GTCTCGTGGGCTCGG-3'	GTGTCCTT
N972	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AATCCGTC</b> GTCTCGTGGGCTCGG-3'	GACGGATT
N973	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AATGTTGC</b> GTCTCGTGGGCTCGG-3'	GCAACATT
N974	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACACGACC</b> GTCTCGTGGGCTCGG-3'	GGTCGTGT
N975	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ACAGATTC</b> GTCTCGTGGGCTCGG-3'	GAATCTGT
N976	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGATGTAC</b> GTCTCGTGGGCTCGG-3'	GTACATCT
N977	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGCACCTC</b> GTCTCGTGGGCTCGG-3'	GAGGTGCT
N978	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGCCATGC</b> GTCTCGTGGGCTCGG-3'	GCATGGCT

	<b>Index Primers for Illumina</b>	<b>Index</b>
N979	5'-CAAGCAGAAGACGGCATAACGAGAT <b>AGGCTAAC</b> GTCTCGTGGGCTCGG-3'	GTTAGCCT
N980	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ATAGCGAC</b> GTCTCGTGGGCTCGG-3'	GTCGCTAT
N981	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ATCATTCC</b> GTCTCGTGGGCTCGG-3'	GGAATGAT
N982	5'-CAAGCAGAAGACGGCATAACGAGAT <b>ATTGGCTC</b> GTCTCGTGGGCTCGG-3'	GAGCCAAT
N983	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CAAGGAGC</b> GTCTCGTGGGCTCGG-3'	GCTCCTTG
N984	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CACCTTAC</b> GTCTCGTGGGCTCGG-3'	GTAAGGTG
N985	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CCATCCTC</b> GTCTCGTGGGCTCGG-3'	GAGGATGG
N986	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CCGACAAC</b> GTCTCGTGGGCTCGG-3'	GTTGTCCG
N987	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CCTAATCC</b> GTCTCGTGGGCTCGG-3'	GGATTAGG
N988	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CCTCTATC</b> GTCTCGTGGGCTCGG-3'	GATAGAGG
N989	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CGACACAC</b> GTCTCGTGGGCTCGG-3'	GTGTGTCG
N990	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CGGATTGC</b> GTCTCGTGGGCTCGG-3'	GCAATCCG
N991	5'-CAAGCAGAAGACGGCATAACGAGAT <b>CTAAGGTC</b> GTCTCGTGGGCTCGG-3'	GACCTTAG
N992	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GAACAGGC</b> GTCTCGTGGGCTCGG-3'	GCCTGTTC
N993	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GACAGTGC</b> GTCTCGTGGGCTCGG-3'	GCACTGTC
N994	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GAGTTAGC</b> GTCTCGTGGGCTCGG-3'	GCTAACTC
N995	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GATGAATC</b> GTCTCGTGGGCTCGG-3'	GATTCATC
N996	5'-CAAGCAGAAGACGGCATAACGAGAT <b>GCCAAGAC</b> GTCTCGTGGGCTCGG-3'	GTCTTGGC

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