

TruePrep Index Kit for MGI



TDM104

Version 22.1

Product Description

TruePrep Index Kit for MGI is a dedicated kit for TruePrep DNA Library Prep Kit for MGI (Vazyme #TDM501-TDM503) and TruePrep Flexible DNA Library Prep Kit for MGI (Vazyme #TDM504), which is suitable for library preparation for sequencing using the MGI high-throughput sequencing systems. It contains 24 kinds of NTMXXX, providing 24 kinds of different single-indexed adapter combinations. All the reagents provided in the kit have undergone rigorous quality control and functional testing to ensure the optimal stability and repeatability of library preparation.

Components

Components	TDM104-01 (192 rxns)
Universal Primer	960 μ l ■
NTMXXX	40 μ l ■

Storage

Store at -30 ~ -15°C and transport at \leq 0°C.

Applications

Special for TruePrep DNA Library Prep Kit for MGI (Vazyme #TDM501-TDM503) and TruePrep Flexible DNA Library Prep Kit for MGI (Vazyme #TDM504).

Notes

For research use only. Not for use in diagnostic procedures.

Library Structure and Sequences

The structure of the DNA library constructed by TruePrep Index Kit for MGI is as follows:

5' - **Universal Primer** - Insert DNA Sequence - **NTMXXX** - 3'

The index information input in the Sample Sheet to split the library before sequencing is shown in the table below:

Index ID	Index Sequence	Index ID	Index Sequence
NTM96	GGTCCACAC	NTM114	CCAGAGTCAG
NTM98	CGAATGCAAC	NTM115	AACAGGCAGT
NTM99	TTCAACGGCG	NTM117	ATGTCATCC
NTM101	ACGGTAATGG	NTM118	CTTGTCGAGG
NTM102	GATCCGACGT	NTM119	TGCTTCGGTA
NTM103	TCACGATACA	NTM120	TGGAGTATCT
NTM105	AGAATTAATG	NTM121	CCTTGATCAA
NTM106	ACCAGCGTCA	NTM122	GGAAGTGGCA
NTM109	TAACTCAACT	NTM123	AACATTCTAC
NTM111	GTGGAGTGAA	NTM124	GACGCGAGTC
NTM112	GTCTCATGGT	NTM125	CTATAACACT
NTM113	GAACAACCTA	NTM128	TTGCAGACGG

- ▲ Before sequencing, input the index information used to split the library in the Sample Sheet for the reverse complementation with **IIIIIIIIII** in the index primer.
- ▲ The information of the index with the same numerical coding (NTMXXX) is consistent with that of the index in MGI adapter. Prevent cross-talk between different indexes.

