

TruePrep Index Kit for MGI

TDM102

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	TDM102-01 (192 rxns)
Universal Primer	960 µl █
NTMXXX	40 µl █

Storage

Store at -30 ~ -15°C and transport at ≤ 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
NTM46	GCTTGACAGG	NTM59	GTACCTCAAT
NTM47	AAGACCTCTA	NTM60	GACTTCTAAT
NTM48	AGTTGCCATA	NTM61	TGAAGCGTTG
NTM49	ATGTACGCAG	NTM62	CGTGCAGTC
NTM50	TTAATGAGAT	NTM64	CCGATGTCGC
NTM51	TGCGCCACTT	NTM65	ACTTAGAATG
NTM52	CATTAAGGCC	NTM66	TCCAAGCCTG
NTM53	CCGCCTCAGA	NTM67	AGACGATGAT
NTM55	GCCGGTTATC	NTM68	CTCACAAAGAC
NTM56	GGAATATTGA	NTM69	CGTTCTACT
NTM57	ATTCAACGGA	NTM70	GTGGTTGTGA
NTM58	AACTGTACTG	NTM71	GAAGGCCTGC

- ▲ Before sequencing, input the index information used to split the library in the Sample Sheet for the reverse complementation with ||||||| 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.

