

TruePrep Index Kit for MGI

TDM101

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	TDM101-01 (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
NTM03	CTTACTGCGC	NTM33	GCAACGATGG
NTM04	ACCTAATTGA	NTM34	TAATCGTTCA
NTM13	CGGCAATCCG	NTM35	GTTCGCTCTA
NTM14	ATCAGGATTC	NTM36	TCTCACACAT
NTM15	TCATTCCAGA	NTM37	CTGTTAGGAT
NTM16	GATGCTGGAT	NTM38	CGCAGACGCG
NTM25	TAGAGGACAA	NTM39	AAGGATCATC
NTM26	CCTAGCGAAT	NTM41	TTAGATGCAT
NTM28	GCTGAGCTGT	NTM42	GTCCAGAGCT
NTM29	AACCTAGATA	NTM43	CACGTGATAG
NTM30	TTGCCATCTC	NTM44	CCACTAGTCC
NTM32	CGCTATCGGC	NTM45	TGGACTTGGC

- ▲ 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.

