

TruePrep Index Kit for MGI

TDM103

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	TDM103-01 (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.

Sequence Information

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
NTM72	TAGCTTGCCA	NTM84	GAGAGGTGCT
NTM73	GACAATGCTC	NTM85	TGCACGTGAA
NTM74	GCTAATCACA	NTM86	GCCTAGGCAA
NTM75	AGTCCATAGG	NTM87	CCATCATAGC
NTM76	CTATGCCCTA	NTM88	CATGGTAATT
NTM77	ATCGTGGTCT	NTM89	CACCATGTCT
NTM78	TGGCTAACAC	NTM90	ATATGTCCTGG
NTM79	CAGTGCAGAG	NTM91	AAGGAAGCGT
NTM80	TCAGGCTGGT	NTM92	TCAAGACGTC
NTM81	ATACTCACGC	NTM93	CCGCTCAGTA
NTM82	ATGCTCCGCG	NTM94	GGTGTGTACA
NTM83	TGTGAACCTG	NTM95	TTCACGTAAG

▲ 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.



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