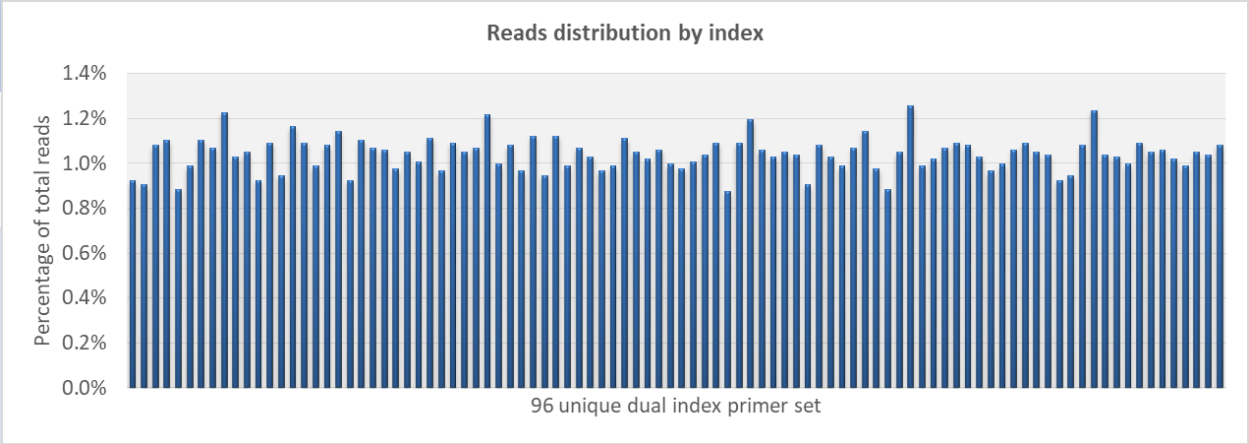


Unique Dual Indexes

The Reliable Multiplexing for NGS Library Preparation

The **Multiplexing Unique Dual Index Primers** were developed based on our **4-Base Difference Index System**. The system allows us to generate indexes that have at least 4 bases different from each other in the 8-base index length.

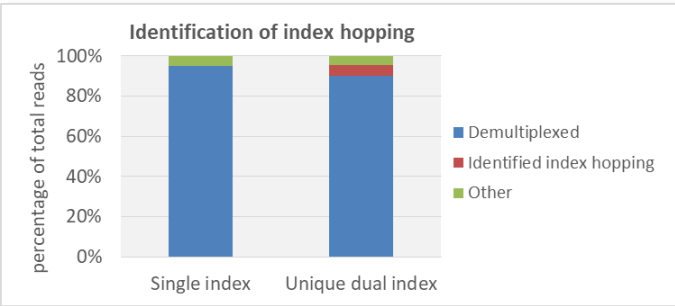
- **Improves sample-identification specificity with 4-Base Difference Index System**
 - Each index has at least 4 bases different from other indexes
 - 4-base difference increases specificity compared to other vendors' 3-base difference.
- **Increases multiplexing capacity**
 - 96 pre-mixed unique pairs of i5 and i7 index
- **Minimizes sequencing errors such as:**
 - Index hopping
 - Index cross-contamination
 - Mis-assignment of reads
 - Amplification errors
 - De-multiplexing errors
- **Cost saving**
 - Affordable price with high performance



Even distribution of 96 samples using BioDynami unique dual index primers

BioDynami
\$296
(96 reactions)

Other Vendors
\$566~\$3260
(96 reactions)



Identification of index hopping by unique dual index

Product Name	Cat.#
Multiplexing Unique Dual Index Primer Set (96 unique dual indexes for pooling of 96 samples. 96 reactions)	30075S
Multiplexing Unique Dual Index Primer Set (96 unique dual indexes for pooling of 96 samples. 384 reactions)	30075L

More at: biodynami.com/product/multiplexing-unique-dual-index-primers/



Web: biodynami.com
Tel: (256) 872-0805
Email: support@biodynami.com

Fast
Simple
Affordable
High-Quality



Pooling of 3072 Samples for NGS

Up to 3072 Samples for NGS Library Preparation

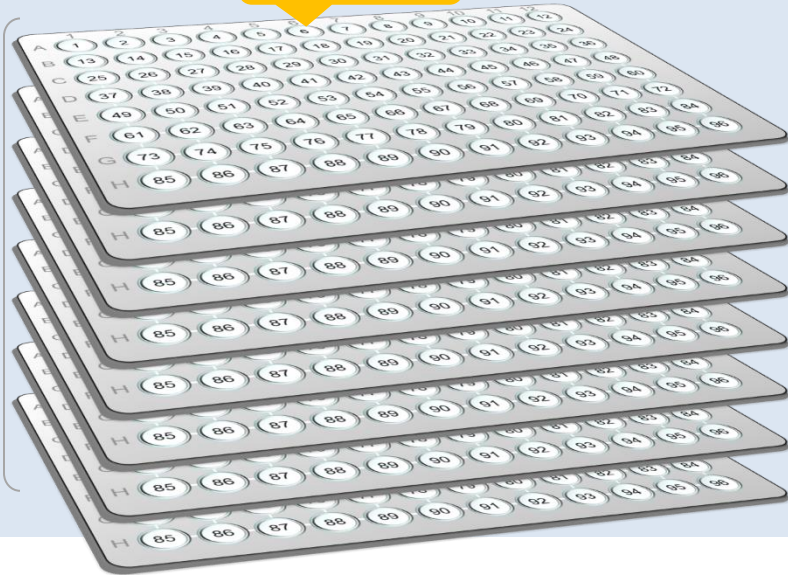
The Pooling of up to 3072 samples by combination of UDI with the third index: Plate Index.

BioDynami:
**The only
index system**
for pooling up to
3072 samples

- Increased pooling capacity by the combination of UDI with Plate Index.
 - Samples on each plate have an unique plate index.
 - Samples from multiple plates can be pooled.
 - Samples from multiple plates can be decoded by i5 index, i7 index, and the plate index.
- More sample pooling is possible upon request

Plate Indexes: up to 32 indexes

96 Unique Dual Indexes



Sample pooling

- 384 samples: 96 UDI with 4 Plate Index
- 768 samples: 96 UDI with 8 Plate Index
- 1536 samples: 96 UDI with 16 Plate Index
- 3072 samples: 96 UDI with 32 Plate Index

Product Name	Cat.#
Multiplexing Unique Dual Index Primer & Adaptor Set (96 unique dual indexes for pooling of 384 samples. 384 reactions)*	30078S
Multiplexing Unique Dual Index Primer & Adaptor Set (96 unique dual indexes for pooling of 768 samples. 768 reactions)*	30078M
Multiplexing Unique Dual Index Primer & Adaptor Set (96 unique dual indexes for pooling of 1536 samples. 1536 reactions)*	30078L
Multiplexing Unique Dual Index Primer & Adaptor Set (96 unique dual indexes for pooling of 3072 samples. 3072 reactions)*	30078X

* For order and inquiry, please send your request to sales@biodynami.com



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