

# Bisulfite Conversion Just Got a Major Speed Upgrade

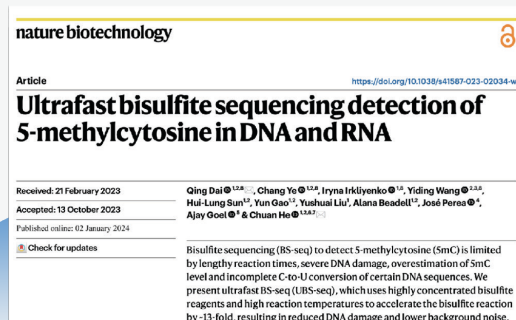
- ✓ 10X faster conversion than industry leader
- ✓ 35-minute total workflow
- ✓ Improved data accuracy
- ✓ Bead or column-based
- ✓ Cost competitive

## SuperMethyl™ Fast Bisulfite Conversion

The fastest C-to-U conversion method on the market

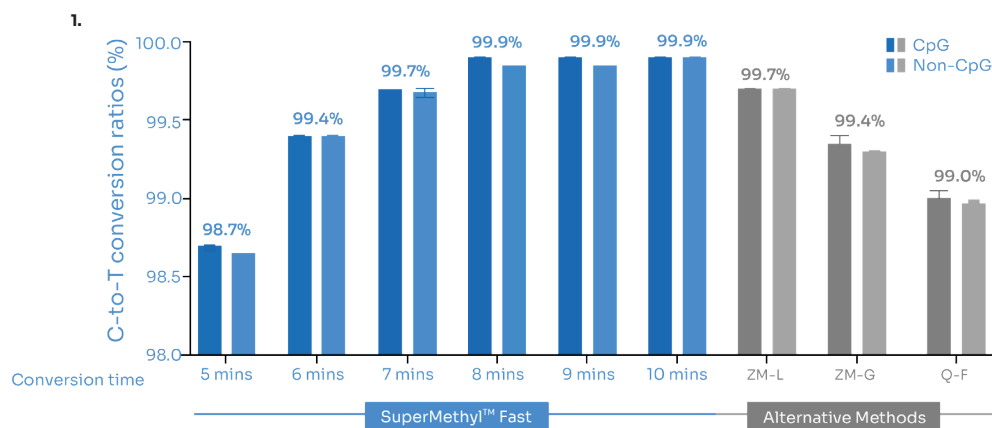
### How it works

1. **SuperMethyl Fast** kits incorporate an optimized Ultrafast Bisulfite technology for efficient reaction conditions.
2. Optimal conditions maximize C-to-U conversion while minimizing degradation.
3. Proprietary ready-to-use reagents eliminate the need for mixing.



Featured in Nature Biotechnology

## Complete C-to-T Conversion In Minutes



1) 10 ng mouse embryonic stem cell gDNA + 1% unmethylated lambda DNA and 1% methylated pUC19 DNA spike-in controls. C-to-T conversion rates calculated post-sequencing.

Request a free sample kit



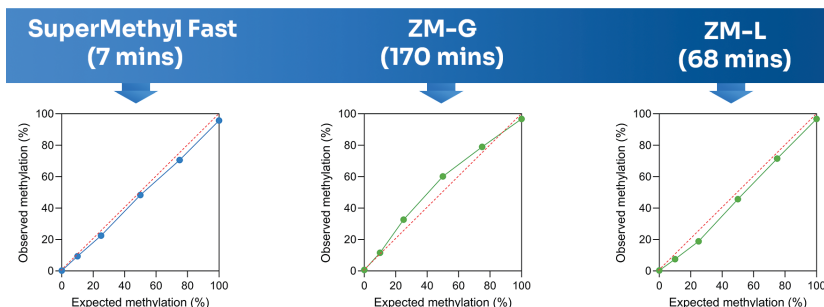
sales@ellisbio.com

For Research Use Only (RUO), not for use in diagnostic procedures



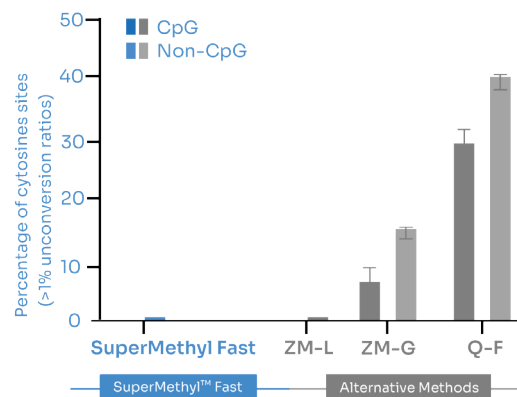
## Shorter Conversion Time Minimizes False Positives

2.



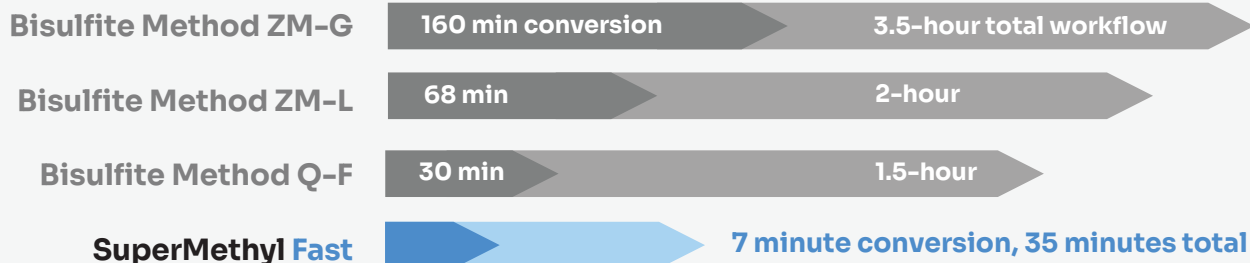
2) 10 ng mouse embryonic stem cell gDNA + varying known amounts of methylated spike-in controls. Methylation percentages calculated post-sequencing.

3.



3) 10 ng mouse embryonic stem cell gDNA + 1% unmethylated lambda DNA spike-in control. False positive rates calculated post-sequencing.

## Simple, Automatable Workflow



### Specifications

Input	10 ng – 2 µg purified DNA (gDNA, cfDNA, FFPE)
Conversion Efficiency	>99.5%
DNA Recovery	>80%
Elution Volume	Beads: 30 µL Column: 10 – 30 µL
Compatibility	KAPA Library kits (Roche), xGen Methyl-Seq kit (IDT)

Retail Price \$179.99



**Request a free sample kit**



[sales@ellisbio.com](mailto:sales@ellisbio.com)

For Research Use Only (RUO), not for use in diagnostic procedures

