

# Remodeling Assay Substrate DNA ST601-GATC1

**Cat. No.** NUC-061    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

**Description**

Remodeling Assay Substrate DNA ST601-GATC1 is a 217 base-pair double-stranded DNA fragment. This sequence includes the Lowary 601 nucleosome positioning sequence (see 18-0005) as well as a 3' acceptor sequence to accommodate the histone octamer subsequent to remodeling. ST601-GATC1 DNA has a restriction enzyme site embedded in the 601 sequence that is accessible after nucleosome remodeling.

**Form**

50 g lyophilized ST601-GATC1 sequence DNA.

**Applications**

Remodeling Assay Substrate DNA ST601-GATC0 is useful as a positive control for restriction enzyme accessibility nucleosome remodeling assays using the EpiDyne Remodeling Assay Substrate, as a DpnII restriction enzyme site is present within the 601 sequence.

DNA Sequence: GAATTCATCAGAATCCCGGTGCCGAGGCCGATCAATTGGTCGT  
AGACAGCTCTAGCACCGCTTAAACGCACGTACGCGCTGTCCCCGCGTTTTAAC  
CGCCAAGGGGATTACTCCCTAGTCTCCAGGCACGTGTCAGATATATACATCGAT  
GATGATGGATAGATGGATGATGGATGGATGGATGATGATGGATGAATAGATGGA  
TGGATGAAGCTT

**Storage**

Stable for 2 years at -20°C from date of receipt. After resuspending, aliquots should be stored at -80°C.

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