Nucleosome Assembly 601 Sequence DNA

Catalog No	18-0006	**Tag**	None
Lot No	25094005-01	**MW**	90,716 Da
Pack Size	50 µg	**Source**	Synthetic DNA

DESCRIPTION

Nucleosome Assembly 601 Sequence DNA is a 147 base-pair double-stranded DNA fragment that was identified by Lowary and Widom using the SELEX method [1]. The 601 sequence DNA has high affinity for histone octamers and is useful for *in vitro* nucleosome assembly.

TECHNICAL INFORMATION

Storage	Stable for 2 years at -20°C from date of receipt. After resuspending, aliquots should be stored at -80°C.
Formulation	50 µg lyophilized 601 sequence DNA.

APPLICATION NOTES

Nucleosome Assembly 601 Sequence DNA is useful for assembly of nucleosomes using purified or recombinant histone octamers (EpiCypher 16-0001).

VALIDATION DATA

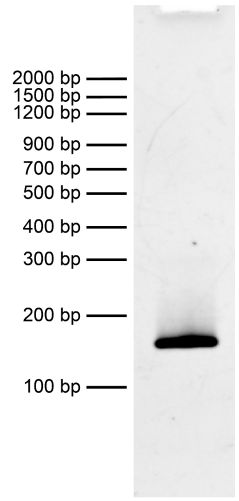

FIGURE 1 **DNA gel data.** Nucleosome Assembly 601 Sequence DNA (100 ng) resolved via native PAGE gel and stained with ethidium bromide to visualize DNA. Migration positions of DNA molecular weight markers are indicated.

REFERENCES

[1] Lowary & Widom *J. Mol. Biol.* (1998). PMID: 9514715