



Oligonucleotide Service

Synbio Technologies' oligo synthesis platform equips state-of-the-art synthesizers and is utilized by our leading professional teams experienced in the oligo synthesis as well as modification technologies. This allows us to provide high-quality oligo products to scientific researchers and industrial customers around the world.

By leveraging our advanced and innovative manufacturing process, Synbio Technologies offers a wide range of oligo synthesis options, including standard oligos, long DNA oligos, large-scale oligos, modified oligos, probe synthesis, oligos for NGS, oligo pools and oligos for library, etc. In addition, we are always confident in our capabilities to offer a tailor-made approach to accomplish every request for oligo synthesis.

Competitive Advantages

- **High Quality:** Certified with the highest manufacturing standards (**ISO9001 & ISO13485**), along with stringent QC & QA standards guarantee the high product quality.
- **Exclusive Production Processes:** Real-time monitoring of product process, perfect batch record and strong traceability.
- **Flexible Oligo Specifications:** Highly customized formulation, mixing options and documentations are available.

Featured Services

- Standard DNA Oligos
- Long DNA Oligos
- Large-Scale Oligos
- Modified Oligos
- Probe Synthesis
- Oligos for Library
- Oligos for NGS
- Oligo Pools
- Aptamers
- Antisense Oligos

Modified Oligo Index

Type		Modification
DeoxyInosine		dl
DeoxyUridine		dU
Phosphorylation		5'PHO
		3'PHO
Blocker		3'ddC
		Spacer C3
Spacer		Spacer C6/C9/C12/C18
		dSpacer
Dyes		5'/3'/Int Cy3
		5'/3'/Int Cy5
		5'/3'/Int FAM
		5'/3'/Int HEX
		5'/3'/Int TET
		5'/3'/Int JOE
		5'/3'/Int ROX
		5'/3'/Int TAMRA
		Others
5'-3' Synthesis	Reverse Base	Reverse A/G/C/T
Antisense Oligo	Phosphorothioate	PTO
	LNA	+A/+G/+C/ +T
	2'-O-Methyl	mA/mG/mC/Mu
	2'-Fluoro	F-A/F-G/F-C/F-U
	RNA	rA/rG/rC/rU

Type		Modification
Methylation	N6-Me-dA	m6A
	Int 5-Methyl dC	Me-dC
Click Chemistry	DBCO	5'/3'/Int DBCO
	Azide(N3)	5'/3'/Int Azide(N3)
Reactive Linker	Amino Modifier	5'/3'/Int Amino Modifier
		Uni-link Amino
		5'Amino Modifier C12
	Thiol Modifier	5'/3'/ SH C6
	Digoxigenin	5'/3'/Int Dig
	Biotinylation	5'/3'/Int Biotin
		5'/3'TEG-Biotin
		5'Dual Biotin
		5'Triple Biotin
	Acrydite	5'Acrydite
	Carboxy	5'COOH
Maleimide	5'/3'/Int Maleimide	
Real-Time Probe	3'TAMRA	5'FAM/HEX/TET/JOE
		5'Other Dye
	3'DABCYL	5'FAM/HEX/JOE/ROX/TAMRA/Cy3/Cy5
		5'Other Dye
		Others

Our Services

- Oligo/Probe Synthesis
- DNA Library Construction
- Antibody Services
- Gene Synthesis
- Molecular Biology Services
- Gene Sequencing and Analysis
- CRISPR-Cas9
- Protein Expression and Purification

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