INTEGRATED DNA TECHNOLOGIES

OLIGONUCLEOTIDE SPECIFICATION SHEET

01-Nov-2021

Sales Order Number **18069117**

Reference Number **316213145**

Customer Name - IDRISSA DIALLO

Name - 3UTR-ACE2_MUT1246

gBlocks® Gene Fragments 898 base pairs

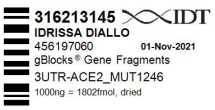
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5'- TAA GCA CTC GAG AAA AAT CTA TGT TTT TCC TCT TGA GGT GAT TTT GTT GTA TGT AAA TGT TAA TTT CAT
GGT ATA GAA AAT ATA AGA TGA TAA AGA TAT CAT TAA ATG TCA AAA CTA TGA CTC TGT TCA GAA AAA AAA TTG
TCC AAA GAC AAC ATG GCC AAG GAG AGA GCA TCT TCA TTG ACA TTG CTT TCA GTA TTT ATT TCT GTC TCT GGA
TTT GAC TTC TGT TCT GTT TCT TAA TAA GGA TTT TGT ATT AGA GTA TAT TAG GGA AAG TGT GTA TTT GGT CTC
ACA GGT TAT CCG GAG GTG ACC CAG ATG TAA ATG TCT GTT GAA TTT CTG AAG TTG AAA ACA AGG ATA TAT CAT
TGG AGC AAG TGT TGG ATC TTG TAT GGA ATA TGG ATG GAT CAC TTG TAA GGA CAG TGC CTG GGA ACT GGT GTG
GTT ACG AAG GTC GGG AAT GGC ATG CAT TAG CTC ACT TTC ATT TTA CCG ACT GCC AAG GAT GAC ATG CTT TCT
TCA CAG TAA CTC AGT TCA AGT ACT ATG GTG ATT TGC CTA CAG TGA TGT TTG GAA TCG ATC ATG CTT TCT TCA
AGG TGA CAG GTC TAA AGA GAG AAG AAT CCA GGG AAC AGG TAG AGG ACA TTG CTT TTT CAC TTC CAA GGT GCT
TGA TCA ACA TCT CCC TGA CAA CAC AAA ACT AGA GCC AGG GGC CTC CGT GAA CTC CCA GAG CAT GCC TGA TAG
AAA CTC ATT TCT ACT GTT CTC TAA CTG TGG AGT GAA TGG AAA TTC CAA CTG TAT GTT CAC CCT CTG AAG TGG
GTA CCC AGT CTC TTA AAT CTT TTG TAT TTG CTC ACA GTG TTT GAG CAG TGC TGA GCA CAA AGC AGA CAC TCA
ATA AAT GCT AGA TTT ACA CAC TCG CGG CCG CAT TCG T -3'
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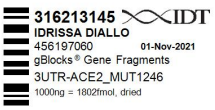
Note 1: The sequence information of the sense strand displayed above is intentionally truncated to the first 1,200 bases. The complete sequence can be verified in FASTA format in your order history.

Note 2: gBlocks® Gene Fragments are delivered as double-stranded DNA. Conformance to quality standards is established in multiple ways, including size verification by capillary electrophoresis and sequence identification by mass spectrometry.

Properties

Length:	898
Amount Delivered:	1000ng
GC Content:	39.87%
Molecular Weight:	554659.1
fmoles/ng:	1.80
µg/OD_{260}:	50
Normalization	1000ng = 1802fmol, dried





Instructions

Dried contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the gBlocks® Gene Fragments.

Resuspending your gBlocks® Gene Fragments
1. Prior to opening, centrifuge the tube at a minimum of 3000 x g to ensure that the material is at the bottom of the tube.
2. Add TE to reach a final concentration of 10ng/µL.
3. Vortex briefly.
4. Incubate at 50°C for 20 minutes.
5. Briefly vortex and centrifuge.

Amplifying your gBlocks® Gene Fragments
•For gBlocks® Gene Fragments ≤1kb, amplification can be performed using a high fidelity polymerase. To avoid sequence mutations due to amplification errors limit cycles to 12 or fewer.
•For gBlocks® Gene Fragments >1kb, we do not recommend amplification.

For additional information please see www.idtdna.com/gblockssupport or contact genes@idtdna.com

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