

21-Sep-2022

Sales Order Number **18851841**

Customer Name - Travis Glenn

Reference Number **418716122**

Name - I.scap\_X-allele\_426bp

gBlocks® Gene Fragments 426 base pairs

```
5' - ACT GCC AAA AGA GAA GAT CCG GCA TCC AGG AGC TAG CGC CCT GGA GAC GCA ACT TCT AGA CCT TGT TGA
ACG TCG CAG TGG AGC ACA ACA AAA GCA GGC ACA GGC CTA ACA ACA AGG AAA ACA ATA CTA TGA CAA AAC TCA
TAG TGT TGC CAC CTT CCA GGT TTG GAA GGT AAA TTG AAT ACT GCG GCC ATT GCC ATG AAC ACA ACC ACA AAT
GCC AGT TTA CAG TTC TCA TCG CTC GAA TCG CTC CAT GGC TAT GTT CCC AAG GCT AGT TCG TCT GGC TTA AGC
GCA AGG AGC CTA AAA CCA ATG GCA CGA CGA AAC TCG CCC CGG CAT TCA AAG GAC TAT ACC GAA TCA CTG AAC
AAA AGA GCC AAA CCG CGT ATG TGG TCC GTC TTG CAG CGC TCA TCC AAC AAA CAC GTG TCG TCA AGA AAT -3'
```

**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: 426  
Amount Delivered: 500ng  
GC Content: 49.06%  
Molecular Weight: 263096.9  
fmol/ng: 3.80  
μg/OD<sub>260</sub>: 50  
Normalization: 500ng = 1900fmol, 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.

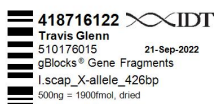
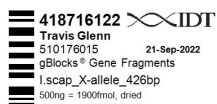
### Resuspending your gBlocks® Gene Fragments

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](http://www.idtdna.com/gblockssupport) or contact [genes@idtdna.com](mailto:genes@idtdna.com)



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