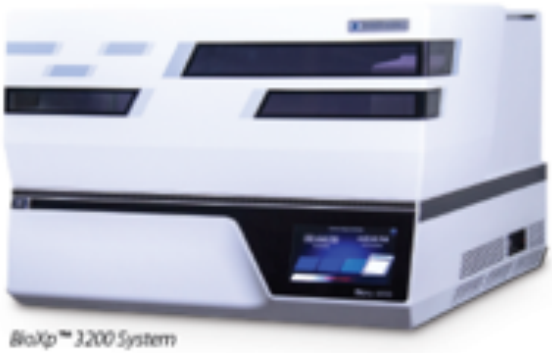
Yale School of Medicine | W.M. Keck Foundation

Oligo Synthesis Resource

New Service

Custom clones at your fingertips:
Custom synthesis and clone construction

BioXp™ 3200 SYSTEM



BioXp™ 3200 System

- **Double Stranded DNA**
- **Custom Clones**
- **Libraries**

Clone BioXp™ Tiles directly into your vector

BioXp™ 3200 System:

- **Delivers** workflow control in obtaining DNA or clones
- **Streamlines** your genomic processing
- **Offers** flexibility with multiple applications
- **Expands** your scientific capacity to accelerate discovery
- **Provides** faster turnaround than conventional methods

Interested? Please Contact:

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https://medicine.yale.edu/keck/oligo/
https://sgidna.com/bxp3200.html

SGIDNA
A Synthetic Genomics, Inc. Company

BioXp Ordering Instructions

Contact customerservice@sgidna.com for access to BioXp portal

Step 1: Check sequence eligibility

https://portal.sgidna.com/complex.php

- Click link above to check sequences. Green means they are eligible. Red means we detected complexity and sequences are less likely to build properly. You may have to pick more clones to find an error free.
- Notes for red sequences:

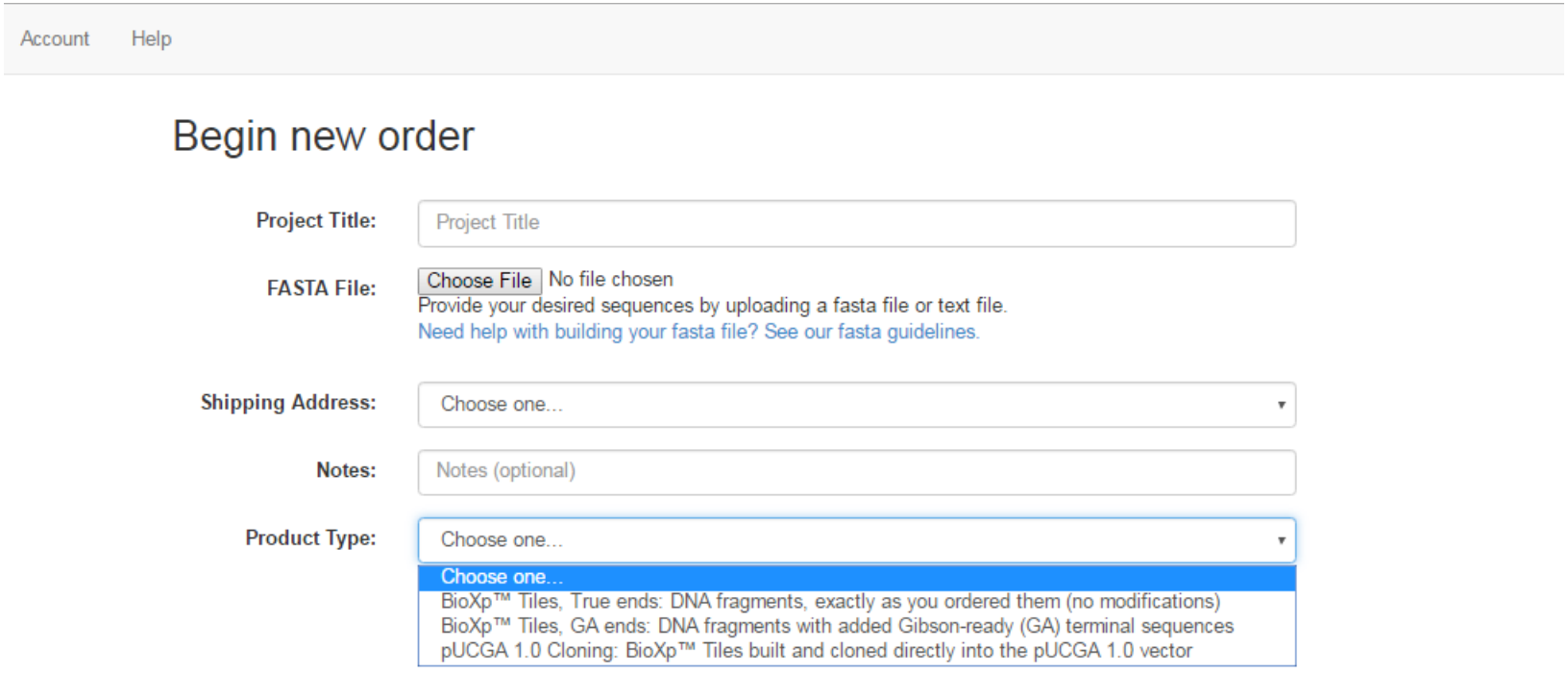
1. Complexity due to length - slightly too long (1800bp-2000bp) or slightly too short (350bp-400bp). These will show up as red, but still possible to build on BioXp. Please submit, we will review.
2. Complexity due to high/low GC% - Please submit, we will review. We can try alternate protocols.
3. Complexity due to repeats –unlikely to build, please email customerservice@sgidna.com and ask for codon optimization

Step 2: Create/Login to your account

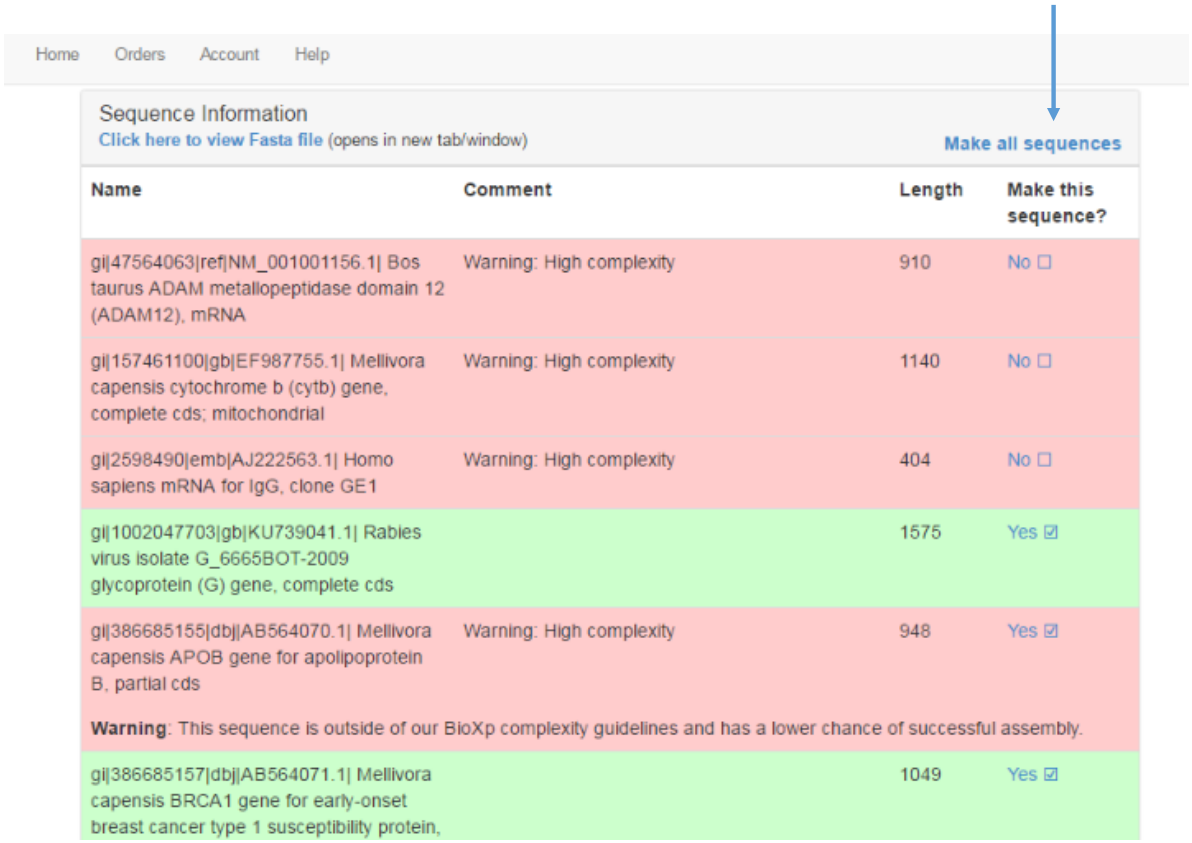
- Go to www.sgidna.com (upper right corner link) to create/login to your account
- If you get an error message saying you do not have access, contact customerservice@sgidna.com
- Click “BioXp custom reagents” to enter BioXp portal

Step 3: Place your order

Enter project title, Upload your FASTA file, select product type



Step 4: Select sequences you need made



- Click “Make all sequences” if you choose to order the red sequences
- Select proceed
- Enter your PO
- Select submit

- You will receive confirmation from customerservice@sgidna.com
- Expect to receive your plate within 3-5 business days