

Screening Tool for Providers of Double-Stranded DNA

UT-B ID 201002510



Technology Summary

The invention screens purchase orders submitted to DNA synthesis companies. Orders are screened to find indicators that the ordered DNA would be used in the construction of a harmful biological agent. The invention considers information about the DNA sequence being ordered as well as the individual and organization that is purchasing the DNA. The invention is a computing method composed of a system and software.

Advantages

- Helps safeguard the advancing field of DNA synthesis technology and prevent the use of synthesized DNA for wrongful purposes

Potential Applications

- Screening of purchase orders submitted to DNA synthesis companies to identify requested DNA that could be used to produce a harmful biological agent

Patent

Application in preparation

Inventor Point of Contact

Thomas S. Brettin
Biosciences Division

Licensing Contact

Rena Speck
Senior Technology Commercialization Manager,
Biological and Environmental Sciences
UT-Battelle, LLC
Oak Ridge National Laboratory
Office Phone: 865.576.4680
E-mail: speckrr@ornl.gov

