

Scientist

(Next Generation Sequencing)

AgriPlex Genomics is seeking an organized and motivated candidate to lead AgriPlex Genomics' internal sequencing program. Following established protocols, the Scientist will prepare and load libraries on Next Generation Sequencers, manage reagent stocks, and track and troubleshoot performance. In addition, the Scientist will lead improvement of Sequencing protocols and processes to ensure consistent generation of high-quality sequencing data. The successful candidate will maintain close coordination and collaborations with Laboratory Team Leads, Instrumentation, and external vendors.

KEY RESPONSIBILITIES:

- Following established protocols, prepare and load DNA libraries on Next Generation Sequencers
- Maintain thorough documentation of laboratory work
- Receive, maintain, and track relevant reagent stocks
- Perform preventative maintenance on sequencers
- Track sequencing performance and lead troubleshooting of issues
- Coordinate with Instrumentation Lead and external partners for instrument repair as necessary (sequencing equipment manufacturers' engineers and field application scientists)
- Maintain up-to-date sequencing protocols and templates
- Lead sequencing department improvement projects
- Collaborate with team leads to ensure that sequencing projects are being processed in a timely manner
- Perform testing/qualification of new lab equipment / DNA sequencers

MINIMUM REQUIREMENTS:

- Master's degree in molecular biology or related field OR Bachelor's degree and 2+ years of experience in Next Generation Sequencing
- Experience with Next Generation Sequencers and Library Preparation Methods
- Competence with basic molecular biology techniques including use of micropipettes and PCR techniques
- Ability to execute protocols correctly and efficiently based on standard operating procedures
- Competence with Microsoft Excel and ability to learn computer programs quickly
- Able to manage time independently to meet deadlines
- Ability to plan and prioritize projects in collaboration with teams to minimize turn-around time and cost
- Ability to work as a part of a team