

Genus Job Description

Job Title	Bioinformatics Scientist / Senior Bioinformatics Scientist	Job Family	Research & Development
Reports to	Bioinformatics Lead	Work level	1
Exemption Status	Exempt	Pay Grade	TBD

Summary

The Applied Genomics department at Genus seeks a Bioinformatics Scientist to help us change the future of animal breeding, through strategic and actionable uses of genomic data. Join a growing team using next generation sequencing and bioinformatics to improve decision making and accelerate genetic improvement in bovine and porcine genetics.

Essential Functions include the following. Other duties may be assigned. (Include NO more than 10 functions)

Thrive in an environment of increasingly large datasets

Participate in all phases of the genomics data lifecycle from experiment conception, pipeline development and execution, and management of data assets to address current and future questions

Have a bias towards curiosity and extraction of actionable intelligence from the data

Enjoy working in a collaborative team environment

Have a communication style that is effective for both technical and lay audiences

Serve as the primary bioinformatics expert on projects

Provide support for users to understand the results of the analysis

Drive and review experimental design for projects

Requirements

Travel	Ability to travel domestically and internationally
Education	<ul style="list-style-type: none"> Master's or PhD in Bioinformatics or related Life or Computational Science or Bachelor degree
Licenses/Certifications	<ul style="list-style-type: none"> Relevant Certifications and prove of continuous professional development
Experience	<ul style="list-style-type: none"> 3+ years' work experience in field of study Deep experience of standard NGS bioinformatics toolsets at the command line Strong coding skills in appropriate languages for bioinformatics Experience in HPC environments and/or cloud computing Experience in bovine and/or porcine genomics is beneficial but not required
Other	<ul style="list-style-type: none"> Reflects Genus R&D's aim of having the strongest talent in the industry Maintains professional verbal and written communications with co-workers, internal and external customers, and vendors at all time. Flexible with job responsibilities and consistently strives to be an effective team member Strives to advance skills and displays a willingness to accept future development

	<ul style="list-style-type: none"> • Actively participates in Company training opportunities to further develop applicable skills • Gains a thorough understanding of the Company's business and the department's role within the company
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Genus Core Behaviours / Competencies

Customer impact: builds strong, profitable, sustainable customer relationships, anticipating and exceeding customer expectations to increase demand for services and products in order to build loyalty.

Managing external environment: anticipates and responds quickly to environmental changes for the benefit of the business and customers, through strong external networks and deep understanding of the markets.

Execution Orientation: Drives to set ever higher standards and achieve results through determination, resilience and commitment. Develops solutions to enhance the service offering and drive continuous improvement.

Setting Direction: develops simple, deliverable plans based on pragmatic new thinking, ideas or concepts. Assesses accurately commercial risk and return.

Change management: Champions, leads, support or embeds change to improve things. Communicates well and helps others by overcoming barriers.

Analysis and Decision Making: Analyses opportunities and problems thoughtfully and thoroughly to make good and timely decisions.

Team Mobilisation: builds high performing diverse teams, investing resources effectively. Recruits, develops, motivates and retains talent by setting stretching goals and developing capability of self, team and organisation.

Collaboration: 'One team' approach – gains commitment to strategic vision and goals. Builds and maintains networks and relationships, sharing knowledge and experience, delivering on commitments.

The following are qualities that are the foundations on which Genus team members work:

- Integrity
- Honesty
- A desire to work to make a difference in the communities & countries that we work in
- Delivery on commitments – do what you say you are going to do
- Alignment with the business goals and values

The above position description is intended to describe the general content, identify the essential functions of, and requirements for the performance of this position. It is not to be construed as an exhaustive statement of duties, responsibilities or requirements.