



## Bioinformatician/Microarray Data Analyst

### Description of Role

#### 1. Delivering in-depth data analysis for internal R&D projects and high throughput services (HTS) projects

- Working closely with molecular biologists and translating their requests into meaningful results.
- Liaising with the customers (internal or external) to clarify requirements and to ensure customer expectations are met.
- Taking ownership of the data analysis as well as the data processing and data delivery components of projects.
- Working closely with other Computational Biology team members to deliver projects on time and to ensure that the IT infrastructure is robust and SOPs are up-to-date.
- Identifying areas for process improvements and reduction of bottle necks.

#### 2. Advancing OGTs expertise in probe and array designs

- Contributing to probe optimisation for product development and customer driven projects.
- Investigating novel approaches to assess and improve probe performance.
- Adapting probe selection to the specific requirements of new application areas.

#### 3. Contributing to the success of the Computational Biology team

- Strengthening the Computational Biology team
- Supporting infrastructure projects that have mid to long term deliverables.
- Providing advice on experimental designs for internal customers, the sales team and external clients
- Exploring novel tools and approaches and sharing expertise with rest of the Computational Biology team.
- Working with the Computational Biology team on process improvements and on establishing new approaches and techniques.

#### 4. Acting as a champion and owner of results in area of responsibility

### Key Skills Required

#### Essential

- Numerate background combined with solid understanding of molecular biology.
- Strong programming skills: Perl or Java or C/C++.
- Hands-on experience with R and/or MatLab.
- Customer focused.
- Strong analytical skills.
- Good attention to detail.
- Educated to at least first degree level in a relevant subject,

#### Desirable

- Experience in handling large data sets.
- Track record in microarray data analysis.



- Experience in a commercially led environment

Other factors include:

- Being a team player with strong communication skills.
- Organisation and good time management skills.
- Creativity and enthusiasm.