



**bluebox**  
innovations for the **real** world

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# SNP genotyping

## Technology

Queensland University of Technology (QUT) researchers have developed a software algorithm which will provide a platform for assessing complex sets of data.

A primary focus of application is the identification of single nucleotide polymorphisms (SNPs), where it is envisioned that this technology will provide the user with a more robust platform with higher discrimination potential. This may enable the reliable genetic fingerprinting of nucleic acid molecules, proteins, traits or a disease condition, and thereby allow predictive testing of predisposition to complex diseases.

## Market

The market for SNP screening technologies is currently nascent, and analysts suggest opportunities for the use of SNPs will increase in drug and gene discovery, functional genomics, linkage analysis, microarrays, genetic testing, molecular diagnostics, basic research, clinical trials and various other multiple technology platforms in the fields of biotechnology and pharmaceutical research.

The estimated market value for the SNP genotyping products and services in the US is expected to increase up to US\$353 million by 2009.

## Business Opportunity

This technology is the subject of a patent application which has entered into national phase examination in various jurisdictions. It is available for licensing and / or development opportunities to interested industry partners.

## Contact

The technologies team at **bluebox**, the technology transfer and commercialisation company for QUT, consists of experienced professionals with industry-relevant technical backgrounds and a broad range of skills in management, legal, patent and financing areas.

For further information, please contact **bluebox**:

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