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## Press Release

### BlueGnome launches the world's largest FISH library

*BlueFISH™ library extended to include 26,000 FISH probes giving genome wide coverage.*

At last week's European Society of Human Genetics meeting in Barcelona BlueGnome announced that it is offering 26,000 pre-labelled FISH probes derived from the well validated Roswell Park Cancer Institute (RPCI) BAC library. BlueFISH is the largest commercially available FISH library and provides full tiling of the complete human genome.

As Nick Haan, CEO of BlueGnome, explained, "FISH" (Fluorescent In-Situ Hybridization) is widely used in genetics to measure the presence or absence of known DNA sequences at specific points on the genome. Until now, however, most commercially produced FISH libraries have been limited to a relatively small number of regions associated with recognized genetic disorders. Anyone wanting to use FISH to investigate the genome more widely has had to grow and label their own clones which is both time consuming and inconvenient. BlueGnome has already made a significant investment in automation and informatics to offer 4,400 clones from its CytoChip microarray as high quality, pre-labelled, BlueFISH probes, it is therefore well placed to manufacture FISH probes from the 26,000 RPCI clones tiling the genome."

Dr Nir Navot, CEO of Pronto Diagnostics in Rehovot, Israel, concurred. "FISH is a very powerful technique however sourcing, growing and labelling clones can be impractical and distracting. The ability to order individual clones from the tile path library on-line and have them delivered, ready for use, is long overdue."

The BlueFISH library has broad application in genetics research and for the rapid confirmation of results from the CytoChip, and other microarray platforms. For more information see [www.cytochip.com](http://www.cytochip.com).

#### About BlueGnome

BlueGnome ([www.cambridgebluegnome.com](http://www.cambridgebluegnome.com)) is a specialist developer of consumables and software for arrayCGH. BlueGnome's CytoChip, a high quality BAC microarray supports the investigation of 90 known genetic conditions, telomeres and screening of the genome at median 0.565 Mb resolution in a single, dye swap experiment.

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