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## Malaysian Genomics Resource Centre completes 100th human genome



Written by Joseph Chin of theedgemalaysia.com

Thursday, 17 November 2011 13:22



KUALA LUMPUR (Nov 17): Malaysian Genomics Resource Centre Bhd (MGRC) has reached a milestone with the completion of its 100th human genome from a diverse mix of Malaysian, European and Australian individuals.

The company said on Thursday the experience of analysing 100 human genomes had enabled it to boost its analytical pipelines and its proprietary "Human Genome Browser".

"This puts the company in the position of now being able to sequence and analyse a human genome in less than two weeks," it said in a statement to Bursa Malaysia.

MGRC said the results of the data generated from these genomes had helped to identify and compare highly represented patterns of common and clinically-relevant genetic variations within Malaysian and other populations. The results also helped establish robust bioinformatics protocols for the reference-based analysis of genomic information.

MGRC chief scientific officer Dr Stephen Rudd said: "By reaching this milestone, MGRC has clearly demonstrated its capabilities in sequencing and analysing human genomes.

"It also further highlights the fact that genomics technologies and expertise are available in Malaysia for both the local and international life sciences community."

The company said the analytical pipelines were used in the MyGenome Project to characterise patterns of human genetic variation in the Malaysian population.

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