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By: Alex White

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Brainiacs born this way

Alex White

It is not your fault if you are urally smarter. stupid, it could be in your genes.

University of Melbourne researchers have found that the way a person's brain is wired makes some people better at performing certain tasks than others.

Lead researcher Dr Alex Fornito said the brain's network had been a mystery for years, but with a new mapping technique scientists have discovered some people are nat-

Fornito's latest study of 38 identical and 26 non-identical Australian twins found that 60 per cent of the brain functioned based on genetics and not environmental factors.

"Genes play a role in how well your brain is wired and people up to 80 per cent of the brain's with better wiring will do well in efficiency. school tests.

brains scored higher on tests of 40 per cent of the brain still intelligence.

Lower brain efficiency was a common factor in people with schizophrenia and Alzheimer's.

The latest tests found that genes in the prefrontal cortex of "It is about the brain getting the brain - which controls more bang for its buck," he said. decision making, planning and memory – were responsible for

But Fornito said there was Previous research has shown hope for those not blessed with that people with more efficient these intellgence genes, with

responding to environmental factors.

'Genes are not the whole story," he said.

"If it was all genes we would be like robots unable to respond to our environment.

The study hopes to uncover the risk for mental illness and neurological diseases such as schizophrenia and Alzheimer's and lead to gene-based therapy.