



GENICS

ShrimpID

Selective breeding programs to boost farm performance.

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ShrimpID

Heritage panels that determine stock pedigree and genetic relationship, empowering farmers to make smart breeding choices.



Our ShrimpID technology is commercially proven to benefit farms.



Includes Pacific White (*Litopenaeus vannamei*) and Black Tiger (*Penaeus monodon*) Shrimp ID panels.



Based on DNA Single Nucleotide Polymorphism (SNP) markers, selected for high end performance by CSIRO.



Delivers powerful pedigree/relationship assignment, ideal for maximizing genetic diversity.



Includes control tests to confirm DNA sample integrity.

Shrimp are often cultured as mixed un-tagged families from an early larval or post-larval age. It is mission critical in selective breeding programs to understand the pedigree of your stock as they approach reproductive age to ensure maximal genetic diversity is retained within your breeding lines.

Having the option to overlay pathogen loading data with pedigree can further enhance your selection strategies. Current genetic pedigree testing services are expensive for shrimp and there are none that are coupled with highly cost effective pathogen screening.

Our solution is ShrimpID. Designed at Australia's premier research organization CSIRO for both Pacific White shrimp (*Litopenaeus vannamei*) and Black Tiger shrimp (*Penaeus monodon*). ShrimpID panels have been trialled and tested for over 5 years on populations of Pacific White and Black Tiger shrimp from all corners of the world to determine pedigree and genetic relatedness of stocks.

ShrimpID and Shrimp MultiPath combined form a complementary workflow in the laboratory. This results in a highly cost effective DNA pedigree analysis and mate allocation to maximise genetic diversity and select for pathogen free or resistant shrimp lines.

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Understanding your shrimp's
pedigree and genetic relatedness