

## Abalone



### **AQUAarray Low Density**

**Number of SNPs:** Up to 1,000

- Genetic Overview (GO) Analysis
- Parentage Assignment
- Marker Assisted Selection
- Identification of Genetic Sex
- Species / Strain / Population Identification
- Traceability Management

**NOTE: LD applications vary from species to species.  
Please contact us for details.**

### Summary:

Integrating DNA technology into abalone breeding programs offers significant advantages. The choice of [low-density \(LD\)](#), [medium-density \(MD\)](#), or [high-density \(HD\)](#) SNP genotyping tools determines specific benefits and returns on investment.

---

For breeders starting their genomics journey with limited knowledge of abalone populations, we recommend the **AQUAarray LD Abalone** panel. It provides crucial insights into genetic architecture, relatedness, inbreeding, and parentage with fewer than 200 SNPs. These insights help calculate estimated breeding values (EBVs) for genetic merit.

Our dedicated AQUAarray LD *Abalone* genotyping panel is tailored to the specific needs of abalone producers. It differentiates between distinct abalone strains, such as **Blacklip** and **Greenlip**, providing personalized genetic insights for informed breeding decisions and program optimization.