

Inuit Knowledge and Genomics

Kaaraq / Nerlernaq (Canada Goose)

The flying formation of the Kaaraq represents when we work together - across different cultures, languages, and knowledge systems.

“We are the geese, flying in formation together toward shared goals” - Emily Angulalik

When guiding principles about animals and the Inuit Nunangat environment are at stake, Inuit must lead at the front of the formation.

Genomics for Inuit Land and Wildlife Relationships

Genomics helps Inuit land stewards track wildlife health, migration, and environmental changes, ensuring sustainable harvesting practices while respecting Inuit Knowledge and sovereignty over the land.

Inuit community monitoring with genomics provides valuable knowledge for other Arctic communities facing climate-driven wildlife changes.

Inuit + Researcher Community Based Monitoring

Ekaluktutiak Hunters & Trappers Organization monitor wildlife and collect samples. Then researchers at Kutz Research Lab take the samples and identify bacteria and parasites with genomics.

They work together to support country food safety and sovereignty.

