EVIDENCE LITERACY

Four different questions, four evidence needs

Sequence identity

Do the measured letters agree with the stated reference?

Agreement is limited to the region examined and its uncertainty.

Assembly scope

Are the expected regions and their arrangement represented?

A digital assembly is a representation, not a physically synthesized genome.

Function in context

What biological activity is supported, and in which context?

A predicted function and an observed function are different evidence claims.

Observed outcome

What trait or outcome was observed, and under what conditions?

An observation does not guarantee the same outcome in another setting.

Evidence for one question does not automatically answer the others.

Conceptual diagram | No outcome prediction
Sources and boundaries: methods.json