

Input Records

Simple Case

Accession: KY703994.1
Strain: CHIKV/**Homo sapiens**/NIC...
Host field: **Homo sapiens**; sex:...
Virus Name: Chikungunya virus
Isolation Source: [Empty]



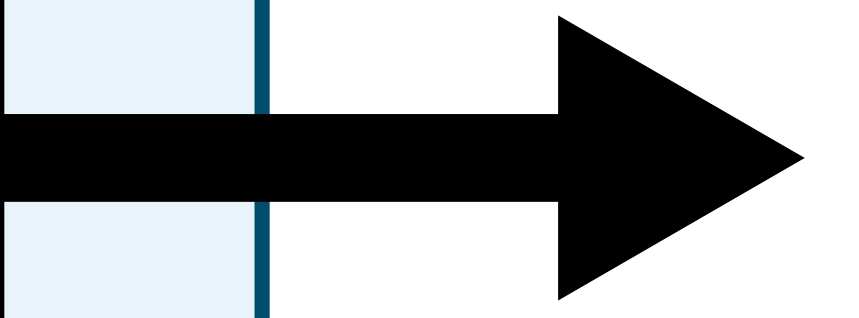
Tier 1: Direct Match

Homo sapiens

Host: **Human**
Host Category: **Mammal**
Standardized Host: ***Homo sapiens***

Intermediate Case

Accession: MH824512.1
Strain: PP85
Host field: 26-day-old **piglet**
Virus Name: **Porcine** polyomavirus
Isolation Source: [Empty]



Tier 2: Database Mapping

Piglet----->***Sus scrofa***

Host: **Non-human**
Host Category: **Mammal**
Standardized Host: ***Sus scrofa***

Complex Case

Accession: AY233291.1
Strain: 179
Host: [Empty]
Virus Name: Hepatitis B
Isolation Source: asymptomatic carrier



Large Language Model

Gemini Flash 1.5

Receives prompt
(n=8,858)

Tier 3: AI Analysis

"Hepatitis B"

|----->***Homo sapiens***

"asymptomatic carrier"

Host: **Human**
Host Category: **Mammal**
Standardized Host: ***Homo sapiens***