

Procedure: Part II:

1. Copy the large snail sequence
2. Open NCBI BLAST (<http://www.ncbi.nlm.nih.gov/BLAST/>)
3. Choose “nucleotide BLAST”
4. Paste the large snail sequence into the BLAST window
5. In the “choose search set” menu, change the database to “Others (nr etc.)”
6. Scroll to the bottom of the page and click the “BLAST” button
7. In the space provided, write down the scientific name of the species that most closely matches your sequence (1st result)
8. Repeat steps 1-7 for the small snail sequence

Large snail species name: _____

Small snail species name: _____

Based on the BLAST data, what can you conclude about the two types of snails collected?

Why did you do both a gel electrophoresis and a BLAST search?