



For more information about the study, please contact Dr. Michael J. Hwang at (310) 206-6500 or via email at mhwang@ucla.edu.

- The phylogenetic tree illustrates the evolutionary relationships within the family Acanthosomatidae. The tree is rooted at the bottom and branches upwards, with nodes labeled by species names. The nodes are color-coded according to the genus:

 - Acanthosoma** (Blue)
 - Cnemidocoris** (Red)
 - Ectemnius** (Green)
 - Lestodiplosis** (Yellow)
 - Probanicus** (Orange)

The tree shows a clear separation between the Acanthosoma clade (blue) and the Cnemidocoris clade (red). Within the Cnemidocoris clade, there are several well-defined lineages represented by different shades of red and orange. The tree also includes several species from the genus Ectemnius, which form a distinct clade.