Snake Venomics Display: An online toolbox for visualization of snake venomomics data - DTU Orbit (30/11/2018)

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With the introduction of powerful mass spectrometry equipment into the field of snake venom proteomics, a large body of venomomics data is accumulating. To allow for better comparison between venom compositions from different snake species and to provide an online database containing this data, we devised the Snake Venomics Display toolbox for visualization of snake venomomics data on linear scales. This toolbox is freely available to be used online at https://tropicalpharmacology.com/tools/snake-venomics-display/ and allows researchers to visualize venomics data in a Relative Abundance (%) visualization mode and in an Absolute Abundance (mg) visualization mode, the latter taking venom yields into account. The curated venomics data for all snake species included in this database is also made available in a downloadable Excel file format. The Snake Venomics Display toolbox represents a simple way of handling snake venomics data, which is better suited for large data sets of venom compositions from multiple snake species.

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