

## Method

This study focused on identifying FAD binding sites in electron transport proteins. This figure illustrates a flowchart of the study, which included three subprocesses in each phase: data collection, feature set generation, and model evaluation. According to this flowchart, we developed a novel approach that is based on PSSM profiles and SAAPs for predicting FAD binding sites in electron transport proteins. The details of the proposed approach are described as follows.

