ROC curves comparing the performance of Blast vs. HMMs to identify glucose transporters

True and false positive rates were calculated for each approach using the same core dataset (described in the Methods section) plus the verified glucose transporters (obtained from the UniProt database, see Methods section for details). The two discussed thresholds of the final HMM_{gluT}, d_{min} and MCC_{max}, are marked on the HMM ROC curve (white square and black circle, respectively).