This script files-[1](Marbouty_joint_kofamscan_wrap.sh) and [2](Marbouty_joint_kofamscan_analysis.sh) were used over the integrated protein sets for all the genomes. But the scripts took more than 48 hours to return a result, hence preferred the online version of the tool. This script can be used in future for similar analysis. The databases required to run this tool is also download and kept in a [folder](../../../Data/Marbouty_annotations_for_integrated_proteins/KOFAMSCAN_results_new/Database).