Total number of true positive hits MMseqs2 sensitive 40000 MMseqs fast **DIAMOND** fast **DIAMOND** sensitive 35000 -Petasearch MMseqs profile 30000 -Petasearch profile Number of hits 25000 -20000 -15000 -10000 5000 0 0.3 0.5 0.8 0.4 0.6 0.7 0.9 Sequence Identity