Number of overall hits for each seqID bucket MMseqs fast 40000 -**DIAMOND** fast **DIAMOND** sensitive Petasearch 35000 MMseqs profile Petasearch profile 30000 of hits 25000 -Number 20000 -15000 -10000 -5000 0 0.3 0.5 0.6 0.7 0.4 8.0 0.9 Sequence Identity