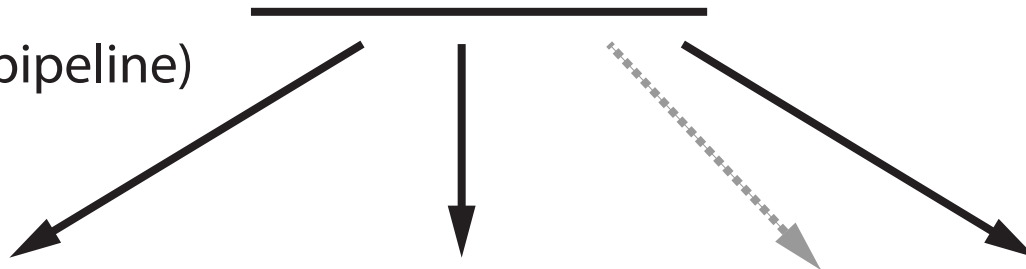


Stage 1: Classification

Score each sequence
with all models
(HMMER3 shortened pipeline)

input sequences:



Model 1 (HMM)

RefSeq sequence and features Group: Norovirus
Subgroup: IV



low HMM score

Model 2 (HMM)

RefSeq sequence and features Group: Dengue
Subgroup: 1



highest HMM score

Model N (HMM)

RefSeq sequence and features Group: *NONE*
Subgroup: *NONE*



low HMM score