

Figure S7. The performance of MEscore and MEDscore at different R_{cutoff} values. This shows that a choice of R_{cutoff} =9 Å is justified. Note that the performance remains constant using larger R_{cutoff} values (e.g. R_{cutoff} = 11 and 13 Å). Generally, a R_{cutoff} of 13Å should result in a quite large size of ME, in which some residues not related to catalytic process may be taken into account. However, it seems that the performance of MEscore and MEDscore is not affected by the potential noise caused by the increased ME size, which will leave an open question for further investigation.