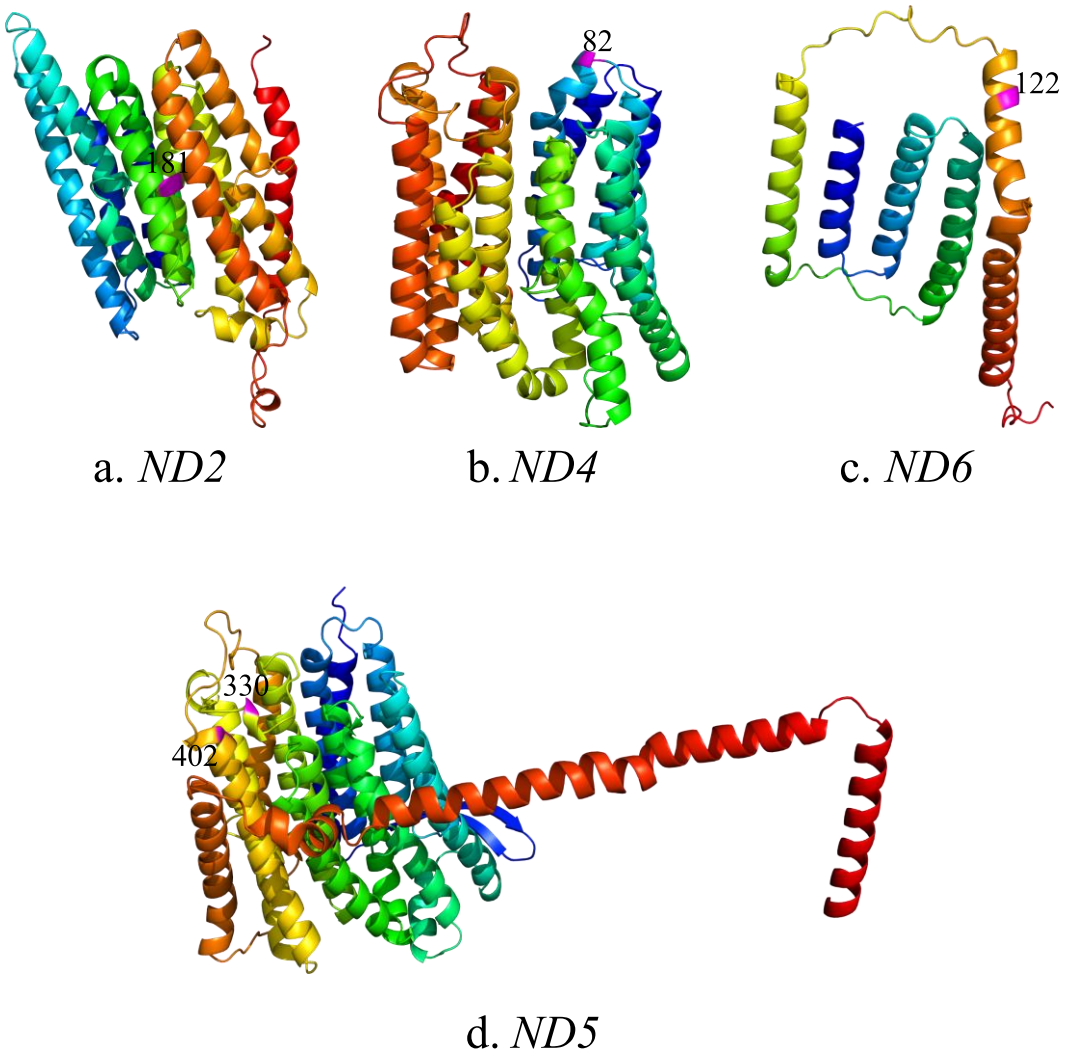


Figure S4.1 Positively selected sites identified by the branch-site model with *Allopsontus* sp. NMGALS0217-32 as the foreground branch and the remaining archaeognathans as the background branches.

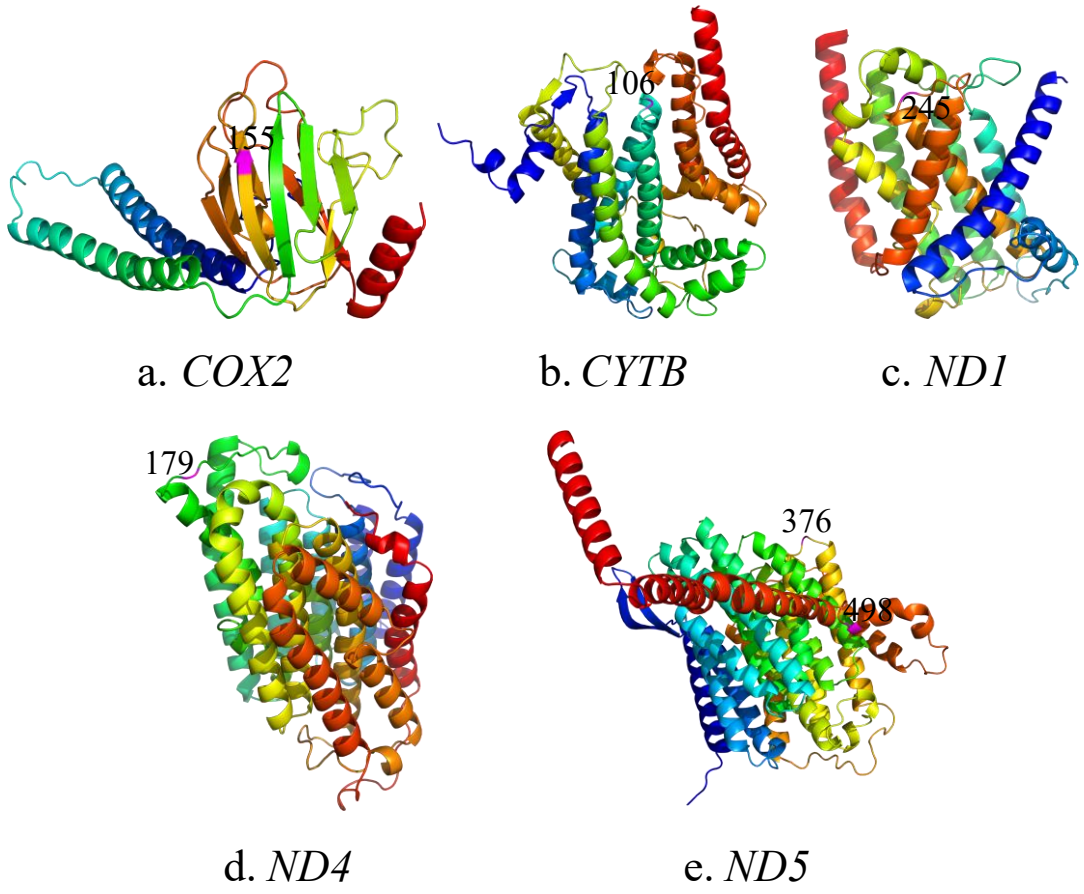


Figure S4.2 Positively selected sites identified by the branch-site model with *Allopsontus tibetensis* as the foreground branch and the remaining archaeognathans as the background branches.

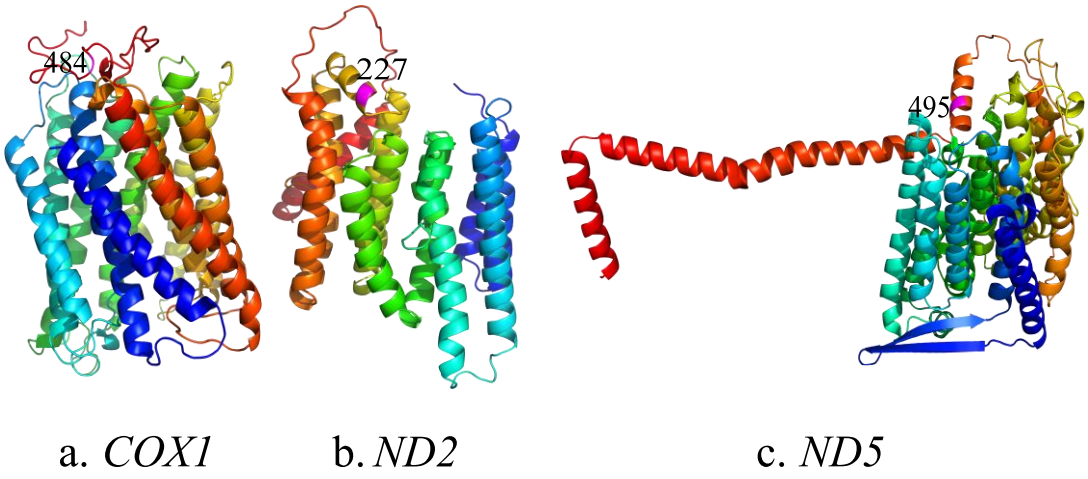


Figure S4.3 Positively selected sites identified by the branch-site model with *Machilontus medogensis* as the foreground branch and the remaining archaeognathans as the background branches.