(1) Change the title to “dRHP-Pse(GA): Detect remote homology proteins using grey system analysis accpording to Chou’s 5-step rule and general PseAAC

(2) To make this paper logically more clear, operatively more transparent, and practically more useful, the authors should in the end of the Introduction (or right before the beginning of describing their own method) add a prelude, such as: “As shown in a series of recent publications [1-7]}[8-12], to develop a really useful sequence-based statistical predictor for a biological or biomedical system, one should observe the guidelines of 5-step rule [13] to make the following five steps very clear: (i) how to construct or select a valid benchmark dataset to train and test the predictor; (ii) how to formulate the biological sequence samples with an effective mathematical expression that can truly reflect their intrinsic correlation with the target to be predicted; (iii) how to introduce or develop a powerful algorithm (or engine) to operate the prediction; (iv) how to properly perform cross-validation tests to objectively evaluate the anticipated accuracy of the predictor; (v) how to establish a user-friendly web-server for the predictor that is accessible to the public. Below, we are to describe how to deal with these steps one-by- one.” With such a prelude, the outline of this paper and its goal would be crystal clear. And its attraction to the readership and impact to science would be much higher as well.

(3) In theWeb-server section, add the following: It is a big plus to provide a web-server for the new method. To further stress such an advantage, the authors should in the relevant context add a discussion: “User-friendly and publicly accessible web-servers represent the current trend for developing various computational methods [14]. Actually they have significantly enhance the impacts of computational biology on medical science [15], driving medicinal chemistry into an unprecedented revolution [16], here we also provide a web-server at <http://computbiol.ncu.edu.cn/PAPred> for the new method reported in this paper.”

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