

Ricardo Mallarino *et al.*

- 1、 Any other evidences can be used to support the two-module program of beak-shape development?
- 2、 Whether Bmp4 and Cam can be considered as one module based on the result of figure 4?

Kevin J. Parsons *et al.*

- 1、 How to understand the null model was consistently ranked as the lowest-supported model? Is there any possibility that some models should be worse than the no integration model?
- 2、 Are you convinced that the suction-feeding species reflected a functionally based pattern and biting species displayed developmental modules?
- 3、 Is it meaningful to analyze the individual metric of modularity in this paper?
- 4、 Are the QTL evidences enough to support the genetic basis of modularity?

Jeff Clune *et al.*

- 1、 How to understand 0% of PA trials answer the left and right problems?
- 2、 In figure 3, there are also non-modular, high-cost networks that are high-performing, compared with figure 2 c&d, what is your conclusion?
- 3、 In figure 5a, for the non-modular problem, P&CC has higher modularity than PA, why the performance is the same? Will that be useful when modularity exist for the non-modular problem?
- 4、 In figure 4b, why the MVG (PA) drop down after short-time increase?
- 5、 In your opinion, what kind of networks may have connections?