

**Name of the Reviewer:** Nicholas

**Author's Name:** Phoebe

**Title of the Expanded Definition:** Polyploidy

List three questions that came to mind in reading your teammate's expanded definition draft.

1. Is a full set of chromosomes always comprised of three unique chromosomes as illustrated in figure 1?
2. Is there a maximum limit on an organism/cell's ploidy level?
3. Why is polyploidy more common in mammals than birds?

**First Impressions:** answer these questions in paragraph form

My first impression of the expanded definition was that it was well researched and easily identify the different techniques we learned. Initially, I was a little intimidated as I do not have a background in science, however, the definition was broken down into manageable segments. The use of the figure illustrated the correlation between ploidy levels and chromosome copies.

**Comments about Purpose**

1. Is the purpose of the definition clearly defined here?
  - Yes
2. Do any parts of the document stray from the intended purpose?
  - No

**Briefly describe any changes you would suggest.**

I think it could be helpful to transform the last paragraph into a table or other visual aid. I found this paragraph pretty interesting due to the number of everyday examples. By moving the examples to a table, greater emphasis could be put on the explanations for the organisms.

**3. Is there any use of jargon in the definition?** If so, indicate briefly

- Unique chromosomes versus individual chromosomes
- 

**Comments about Organization**

1. List the methods of expansion you see being used in the definition.
  - a) Etymology
  - b) Required conditions
  - c) Analysis of parts
  - d) Visuals
  - e) Examples
2. Does each section of the definition - introduction, body, and conclusion - perform its intended task? If not, indicate what needs further attention.

- Yes

3. Does the definition contain clear forecasting statements in its thesis and topic sentences?

Yes

4. Comments about Visuals: are the visuals useful and correctly labelled?

Yes

### **Overall Final Impressions**

1. What element of this document is most in need of improvement and why?

I would say the third paragraph for the reasons listed in question two. However, the definition was well written, so the improvement is focused more on the formatting as opposed to the content.

2. What is the most effective element of this document and why?

The most effective element of this document was the use of visuals and examples to explain the concept. As the term encompasses many variants such as haploids, diploids, and triploids the two strategies allow the reader to grasp the relationship between the variants and overall term.