

Manuscript consideration

Comments to the Author

The manuscript titled “Genomic organization and expression profiles of nitrogen assimilation genes in *Glycine max*” by Elsanosi et al. deals with the identification and analysis of genes associated with nitrogen metabolism in six legume species (*G. max*, *C. arietinum*, *L. japonicas*, *P. lunatus*, *P. vulgaris*, and *V. unguiculata*), using bioinformatics. Furthermore, this article sheds light on the interaction of nitrogen metabolism with the response to abiotic stress in crops. Overall, the article has scientific importance, however few corrections still need to be made.

Minor problems:

Line 16: Replace the “in plants .” to “in plants.” and “However ,” to “However,”

Lines 25: I think it would be interesting to describe the meaning of NAGs.

Line 33-34: The sentence is confused. I recommend reviewing it.

Line 37: Add a space to start the paragraph.

Line 48: Replace the “cycle [6, 7]. .” to “cycle [6, 7].”

Line 50: Add a space between the word cytoplasm and the reference.

Line 61: Adjust the space after NO_3^-

Line 99: “*G. max*.” instead of “*G.max*”

Line 111: Replace “V13” to “v13”

Line 115: I think the authors should start the sentence with “In order to” instead of “To”

Line 121: “*G. max*.” instead of “*G.max*”

Line 124: Replace the “[27].The” to “[27]. The”

Line 134: Connect this sentence with the previous sentence.

Line 135: Replace “Cytoscape V3.10.1” to “Cytoscape v3.10.1”

Line 167: Adjust the space after the plus symbol.

Line 198: Add a space between the word “Chromosome” and the number “14”.

Line 202: Adjust the space “(Fig.2).” to “(Fig. 2).”

Line 206: The same happens here. Adjust the space “(Fig.S1).” to “(Fig. S1).”

Lines 207-208: The sentence is confused. I suggest organizing it better.

Line 219: Replace “level. (Table S5).” to “level (Table S5).”

Line 223: Put the gene name in italics: “*GmGS* genes.”

Line 236: Replace “Fig3B” to “Fig. 3B”.

Line 236: Replace “GOAGT” to “GOGAT”.

Line 238: Replace “Figr.3C” to “Fig. 3C”.

Line 243: I think the authors should start the sentence with “In order to” instead of “To”

Line 245: Put the gene name in italics: “*GmGS* genes.”

Line 256: Remove the extra dot after the word “elements. .”

Line 267: Add bold to the first letter of the name “**Tissue-specific**”.

Lines 269 and 271: Replace “*GmGOAGT*” to “*GmGOGAT*”.

Line 306: “*G. max*.” instead of “*G.max*”.

Line 349: Add space after reference [21], before the word “reported”.

Line 354: Adjust the space after the gene name “*GmGOGAT* s”

Line 361: I think it would be better to start the sentence with “Given this” instead of “From the above”.

Figures 1, 2, 3 and 5: I think it would be better to put the gene names in italics.

Figure 4: Replace “*G.max*” to “*G. max*”; replace “*C.arietinum*” to “*C. arietinum*”.