

The draft by Zhao *et al.* (2023) titled "*The bZIP transcription factors in current jasmine*" has been evaluated. Line 19, what's ABER (ABRE?)?? ...for abscisic acid (ABA). Line 43, "Basic leucine zipper (bZIP) constitutes one of the largest families of dimerizing TFs". But not, "...the most widely distributed and conserved transcription factors" (line 43). The NAC family is also very remarkable in higher plants... From line 44, include the abbreviation transcription factor (TF). "...a fixed..." What does it mean?? "...the other conserved region is located at the C-terminus of the first conserved region.." Rewrite. Line 54, α -helix (script). Line 55. "... form homologous or heterodimers.." Is it well biochemically written?? Line 59, "and so on" "...and more". Line 67, ...genes; While ... (rewrite). Line 76, In our study..... This last sentence should be a brief summary of what the authors have obtained in this work. Together, sec. 1 is an important part of any draft. Concluding, this needs to be revised as indicated.

Line 127, gene family , ...Line 214, ...~~abscisic acid (ABA)~~..... Line 223,ments); The HTbZIP24... Lines 232-235, rewrite these two sentences. All 7 sections of Results should end with: "These assays suggested that...", or "These results indicated that..." or "These data revealed that..." or "These findings suggest that..." or "This expression clearly indicates that..." etc, etc. Thus, in the discussion a comparison will be made with other previous works.

The Discussion starts "The *bZIP* gene....". Is there only one bZIP gene?? Lines 258, "the bZIP gene families .." Line 262, ... of lotus(59 Line 266,[26] .TheLines 274-279, scientifically clarify this writing with data. Lines 297-99, On what basis do they say this?? Explain. Line 303, ...~~abscisic acid (ABA)~~... Lines 300-311, Highly speculative discussion. Line 317, *AtbZIP11* It was (lack point). Line 319,inhibition of meristem activity... Why?? What is it based on?? Line 323,of bud development (Reference). Line 324, "homologous evolutionary relationships ". Clarify!!! Lines 328-30, unclear. Line 331,

...Based on the mechanism of bZIP gene... What's the mechanism??
Line 332, The use of the term excavated.

This draft is mainly physico-chemical, bioinformatic and with an important use of databases, websites and software. Thus, Methodology and Results cover 7 of 8 sections. The bZIPs cover important physiological processes. In this work, only gene expression in the wild types is addressed.

Finally, the weaknesses indicated in the discussion are very noticeable. Therefore, I would be willing to revisit this draft as long as the authors commit to reforming the text following the suggested advice. That is, in the present form, this work is not suitable for publication.

Decision: Reject.