Reviewer’s report

Title: Saccharomyces cerevisiae legume fermented product modulates cutaneous atopic dermatitis-like inflammation in mice

Version: 2
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Reviewer: Kazuhisa Iwabuchi

Reviewer’s report:

Based on the authors’ previously study, they examine the effect of Saccharomyces cerevisiae legume fermented product (SCLFP) on immunomodulation function in the cutaneous atopic dermatitis-like inflammation models of mice. The manuscript was well written, and the results are interesting, although they did not show any molecular mechanisms how SCLP selectively affects the TH2 responses in this model.

- Major Compulsory Revisions
Nothing

- Minor Essential Revisions
As shown in Table 1, SCLFP contains not only isoflavones but also other organic compounds. Especially, SCLFP contains carbohydrate. Do you have any information about the structures of these carbohydrates?
Especially, does SCLFP contain beta-glucans? The authors should try to explain the more detail of molecular compositions of SCLFP, if possible.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
NR