

Dear reviewer,

Thank you for your careful reading and good suggestions, we have modified accordingly.

Comment: Firstly, please describe in more details procedures of total RNA, and mRNA purification, cDNA preparation and its amplification. How mRNA was fragmented, what was a size of fragments. As you know, details of samples processing may be crucial for interpretation of DEU results.

Response: Thank you for your suggestions. We have added some details in this section, in Line 106-107. Please check them.

Comment: Lines 128-29: "27 sets of sequencing reads were mapped to the assembled reference transcripts" change to "27 sets of sequencing reads were pairwise mapped to the assembled transcriptomes; in a result 36 comparisons were produced."

Response: We have changed it. Please check it.

Comment: Line 104: change libraryies to libraries

Response: We have changed it. Please check it.

Comment: Correct the references list in accordance with the journal rules. (Author 1, A.B.; Author 2, C.D. Title of the article. *Abbreviated Journal Name* Year, Volume, page range.)

Response: We have changed them. Please check!