Gene expression proûling of extraocular muscles in primary inferior oblique overaction

First, this article is excellent, but it has some points or paragraphs that could be improved. This is my review and my recommendation:

1. The plagiarism rate was notably high at 36%. I will attach the plagiarism file. This percentage seems excessive, as the expected rate should be 17%.
2. **Abstract formatting:** Consider using standard structured subheadings (Background, Methods, Results, Conclusion) per journal format.
3. **Language polishing:** Some minor grammar/style issues remain:
   - **Line 224:** Replace "invovled" with "involved" (Fig. 3 caption)
   - Sentences like: These results provide insights into the increased presence of multiply innervated muscle fibers...", could be simplified or split for clarity.
4. **Define abbreviations at first use** in the abstract (e.g., EOM, DEG, GSEA, PPI).
5. **Control limitations**:
   - As the authors noted, the absence of a healthy control group is a limitation. It may be beneficial to include this explicitly in the Discussion (Limitations) paragraph.
6. **Patient demographics:** Slightly expand Table 1 to include ranges for age and IOOA severity to better visualize the spread.
7. **Clarify diagnosis criteria:** Clearly state if one or more pediatric ophthalmologists confirmed IOOA diagnosis and grading
8. **Interpretation of fold change**: Provide additional context regarding the biological significance of the log2 fold change thresholds
9. **Clarify the results** by explicitly mentioning key findings from each supplementary table (S1, S2)
10. **Include figure** legends within the main text, placing them after the first mention of the figure rather than placing them separately later
11. **Tables:** improve spacing and alignment (Table 3 especially)
12. **Supplement**: Reference all supplementary materials in-text

Finally

This study provides a valuable and methodologically robust transcriptomic analysis comparing primary and secondary IOOA using RNA sequencing (RNA-seq). Although the sample size is modest, it is suitable for exploratory molecular profiling. The authors have shown a commitment to ethical standards and technical rigor. I recommend some minor edits for clarity in language and improvements in data visualization. I support the acceptance of the study after these revisions are made.