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**Title:** Regulation of TMEM100 expression by epigenetic modification, effects on proliferation and invasion of esophageal squamous carcinoma  
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**Author’s Country/Territory:** China  
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**Reviewer chosen by:** Jin-Lei Wang  
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**Reviewer performed review:** 2024-01-14 07:22  
**Review time:** 11 Days and 20 Hours

<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ Y] Grade C: Good</th>
<th>[ ] Grade D: Fair</th>
<th>[ ] Grade E: Do not publish</th>
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<tr>
<td>Novelty of this manuscript</td>
<td>[ ] Grade A: Excellent</td>
<td>[ Y] Grade B: Good</td>
<td>[ ] Grade C: Fair</td>
<td>[ ] Grade D: No novelty</td>
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<td>Creativity or innovation of this manuscript</td>
<td>[ ] Grade A: Excellent</td>
<td>[ ] Grade B: Good</td>
<td>[ Y] Grade C: Fair</td>
<td>[ ] Grade D: No creativity or innovation</td>
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SPECIFIC COMMENTS TO AUTHORS
1. The title does reflect the main subject of the manuscript, it however needs some grammatical revision.
   Suggestion: Regulation of TMEM100 expression by epigenetic modification, effects on proliferation and invasion of esophageal squamous carcinoma
2. The abstract summarizes the work described. Statement, Overexpression of TMEM100 resulted in decreased expression in ESCC cells, does not make sense, needs re-wording
3. Key words reflect the focus
4. Background described the status and significance adequately
5. Methods, I felt the methods need to be a little more descriptive to ascertain the purpose of each experiment, although this is again described in the results, which could be changed and more detailed.
6. Research objectives were achieved and a potential target was identified that could contribute to better understanding ESCC and have a future clinical role.
7. The discussion summarized the findings, impact and limitations well.