

### **Institutional review board statement**

These cell lines, as mentioned in the manuscript, are commercially available immortalized cell lines. Importantly, their use in our research does not involve any human subjects, and therefore, the study does not raise any ethical concerns related to human rights, privacy, or similar issues. As these cell lines are well-established and widely used in research, they are exempt from the need for specific ethical approval documents. Given their commercial origin and the absence of human-related ethical considerations, we are unable to provide ethical approval files for these specific aspects of our study. We would like to assure you that our research strictly adheres to ethical standards and guidelines applicable to the use of cell lines, and we are committed to maintaining the highest ethical standards in our work.