**Author’s response to reviews**

**Title:** ERα-related chromothripsis enhances concordant gene transcription on chromosome 17q11.1-q24.1 in luminal breast cancer

**Authors:**

Chun-Lin Lin (chunlin.lin2014@gmail.com)

Xi Tan (tanx3@uthscsa.edu)

Meizhen Chen (chenm1@uthscsa.edu)

Meena Kusi (KusiM@livemail.uthscsa.edu)

Chia-Nung Hung (hungc@uthscsa.edu)

Chih-Wei Chou (chouc@uthscsa.edu)

Ya-Ting Hsu (ellenyatinghsu@gmail.com)

Chiou-Miin Wang (wangc10@uthscsa.edu)

Nameer Kirma (kirma@uthscsa.edu)

Chun-Liang Chen (chenc4@uthscsa.edu)

Ching-Hung Lin (chinghlin@ntu.edu.tw)

Kate Lathrop (lathrop@uthscsa.edu)

Richard Elledge (elledge@uthscsa.edu)

Virginia Kaklamani (kaklamani@uthscsa.edu)

Kohzoh Mitsuya (mitsuya@uthscsa.edu)

Tim Huang (huangt3@uthscsa.edu)

**Version:** 2  **Date:** 16 Mar 2020

**Author’s response to reviews:**

Toshima Parris (Reviewer 1): Overall, the authors have satisfactorily responded to all my concerns.

Noriko Saito (Reviewer 2): The authors have clarified most of the concerns I raised. They have revised the text and provided the appropriate explanations in the response letter. However, the following has to
be still corrected, because the term "ESR1 site" remains in Figures (Figures 3c, 3e and 4e, for example).

Response: We thank the reviewer for the detailed assessment of the revised manuscript. As suggested by the Reviewer, we have now corrected "ESR1" to "ERα" in Figures 3c, 3e and 4e. We have also revised the legend to Figure 4e accordingly.