Reviewer's report

Title: Variable NF-kappa B pathway responses in colon cancer cells treated with chemotherapeutic drugs

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Reviewer: Chun-Li Su

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Minor Essential Revisions:
In this manuscript, the authors attempted to investigate the effect of various anticancer drugs on activation of NF-kappaB, production of cytokines (IL-8 and IL-6), and expression of anti-apoptotic gene expression (cIAP2 and Bcl-XL). The obtained data indicate that different colorectal cancer cells response differently to anticancer drugs which may have significantly contribution for clinical applications.

Specific comments:
1. Fig. 1B-D: Please indicate the concentration and treatment time used for TNFalpha.
2. Fig. 2: Lines 143 and 150 indicate that Fig. 2 contains A-C, which is not consistent with the description in the figure legend which only contains A and B. In addition, the description of Y axis is not consistent with that in other figures.
3. Fig. 3: The figure and the description in lines 166 and 170 (Fig. 3A-C) are not consistent with the description in figure legends (the left, middle, and right panels).
4. Fig. 6: C and D are missing in the figure legend. In addition, Fig.6 B-C should be changed to Fig. C-D (lines 208-209).

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests.