Supplementary Information

Hypoxia induces epithelial-mesenchymal transition in colorectal cancer cells through ubiquitin-specific protease 47-mediated stabilization of Snail: A potential role of Sox9

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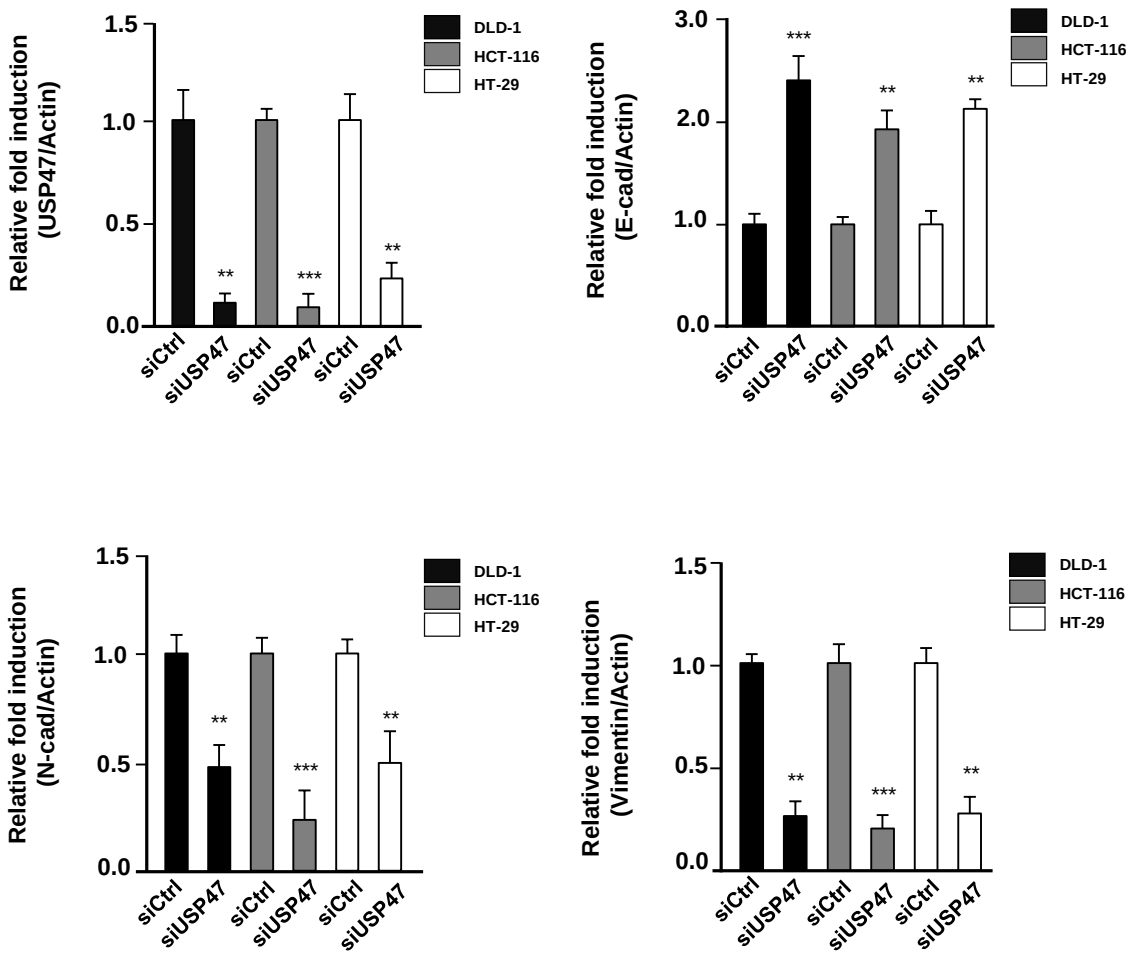
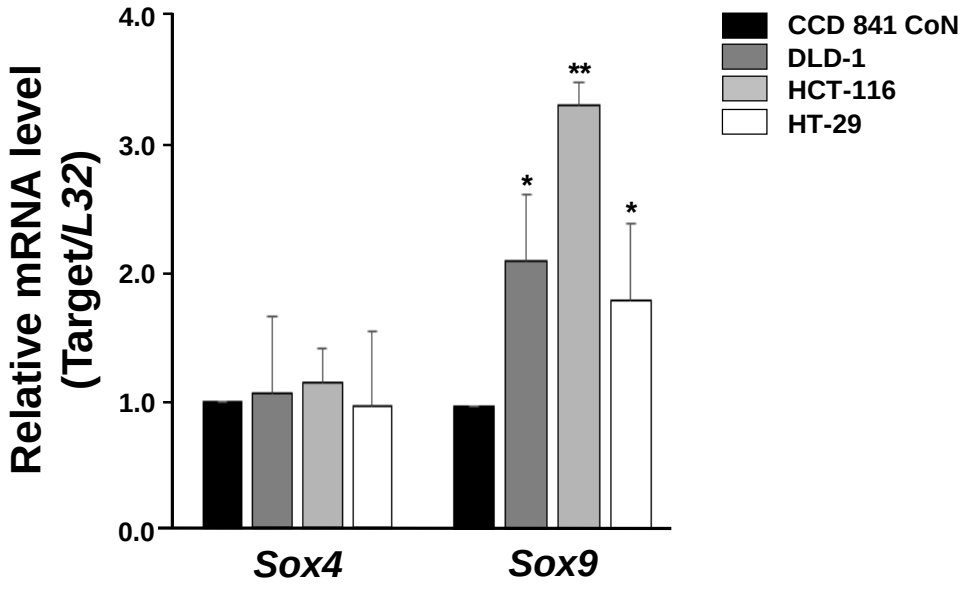
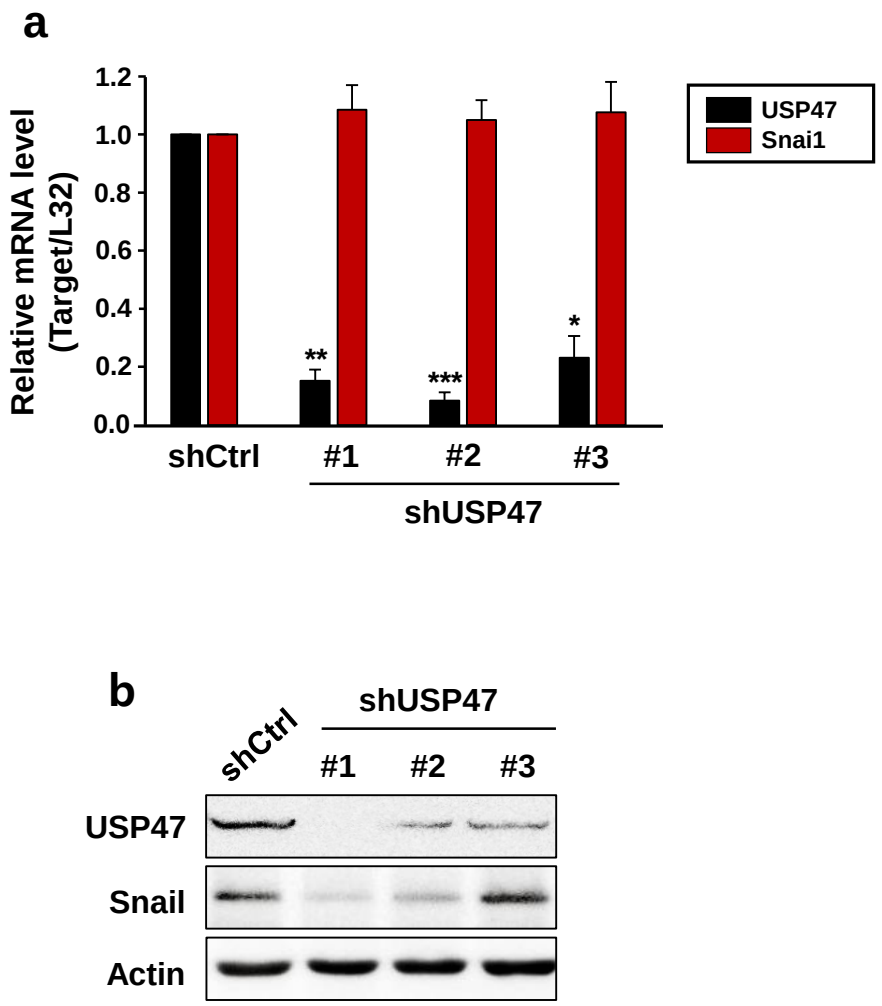


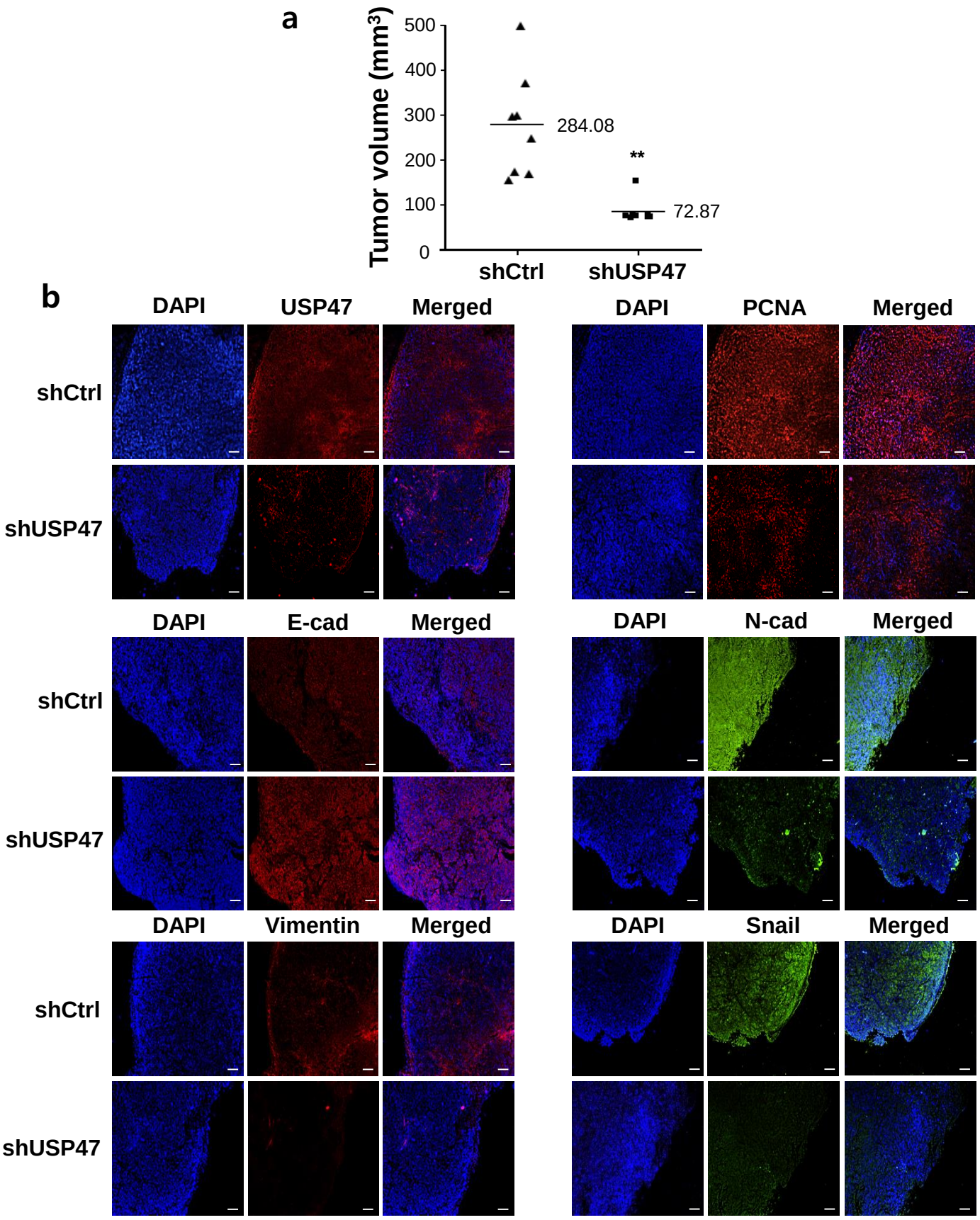
Supplementary Figure 1. The quantitation of representative EMT proteins expressed after silencing of USP47 in CRC cells.



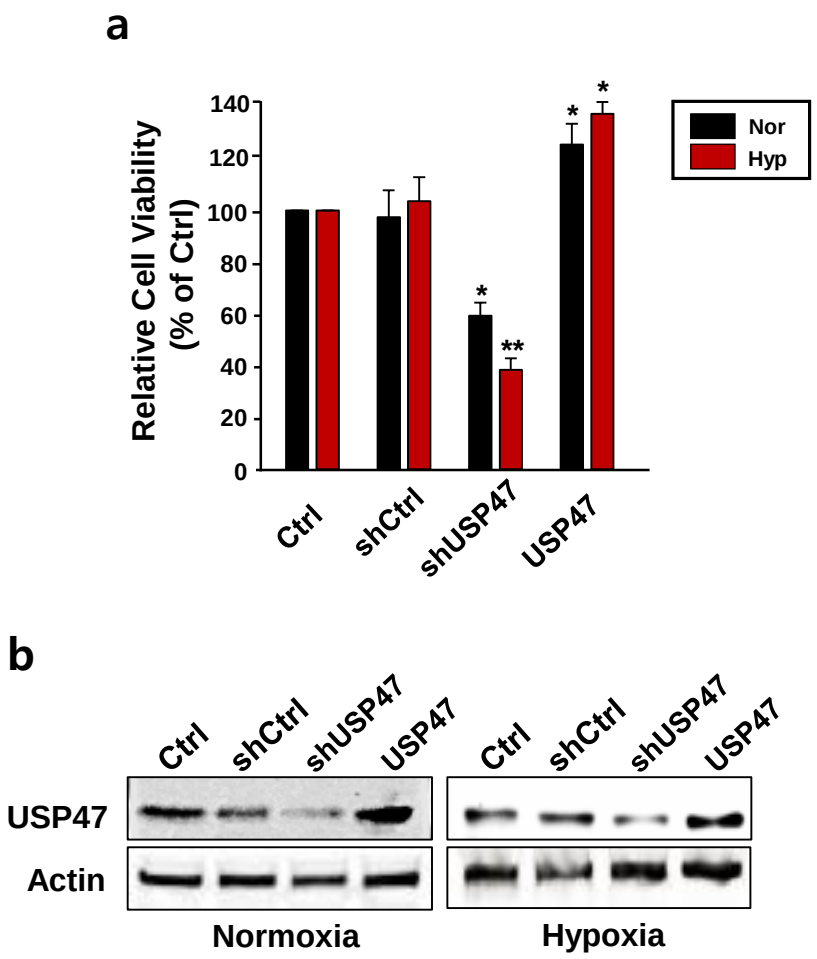
Supplementary Figure 2. The elevated expression of Sox9 mRNA in CRC cells.



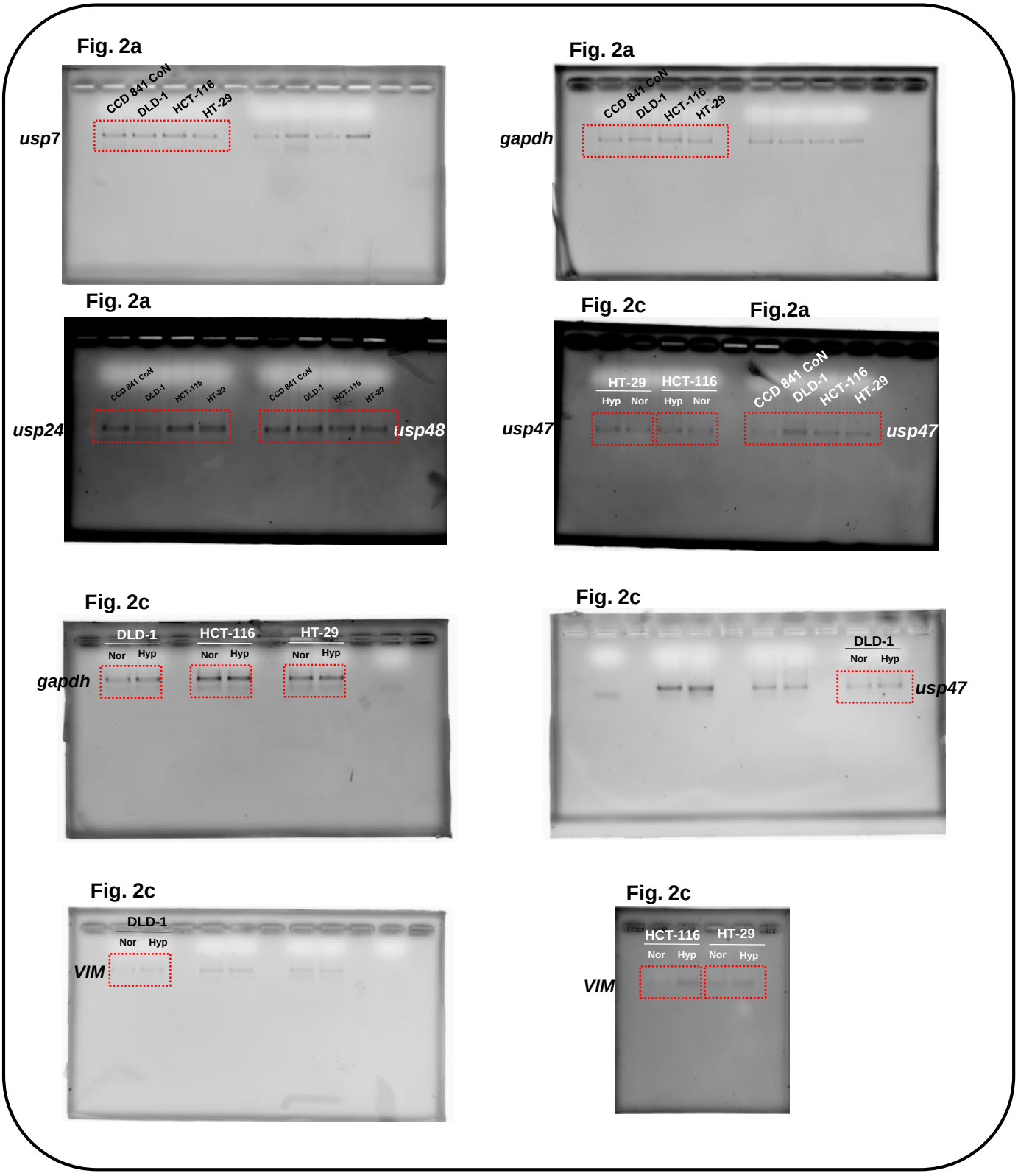
Supplementary Figure 3. The establishment of a stable DLD-1 cell line transfected with shUSP47.



Supplementary Figure 4. Effects of USP47 knockdown on xenograft tumor growth and expression of EMT marker proteins.



Supplementary Figure 5. The effects of silencing or overexpression of USP47 on the CRC cell viability.



Supplementary Figure 6. Unprocessed full-length blots corresponding to Fig. 2. Bands in the red box are presented in Fig. 2a and c.

Fig. 2c

Fig. 2c

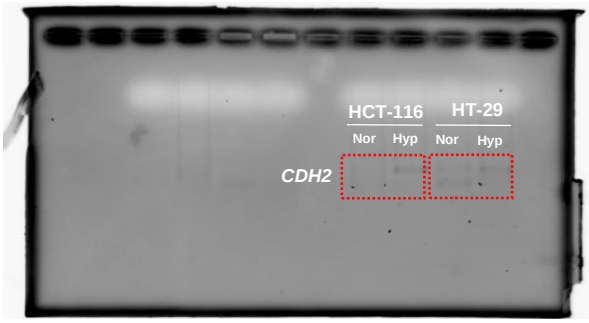


Fig. 2c

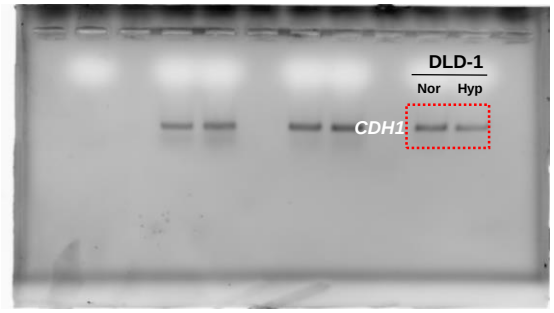


Fig. 2c

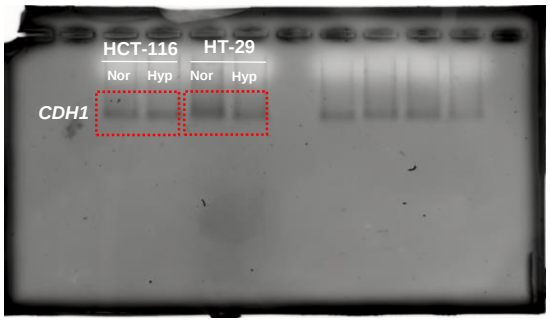
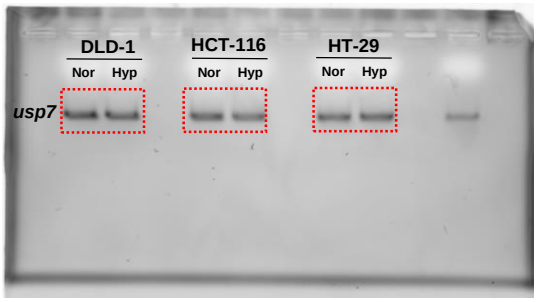
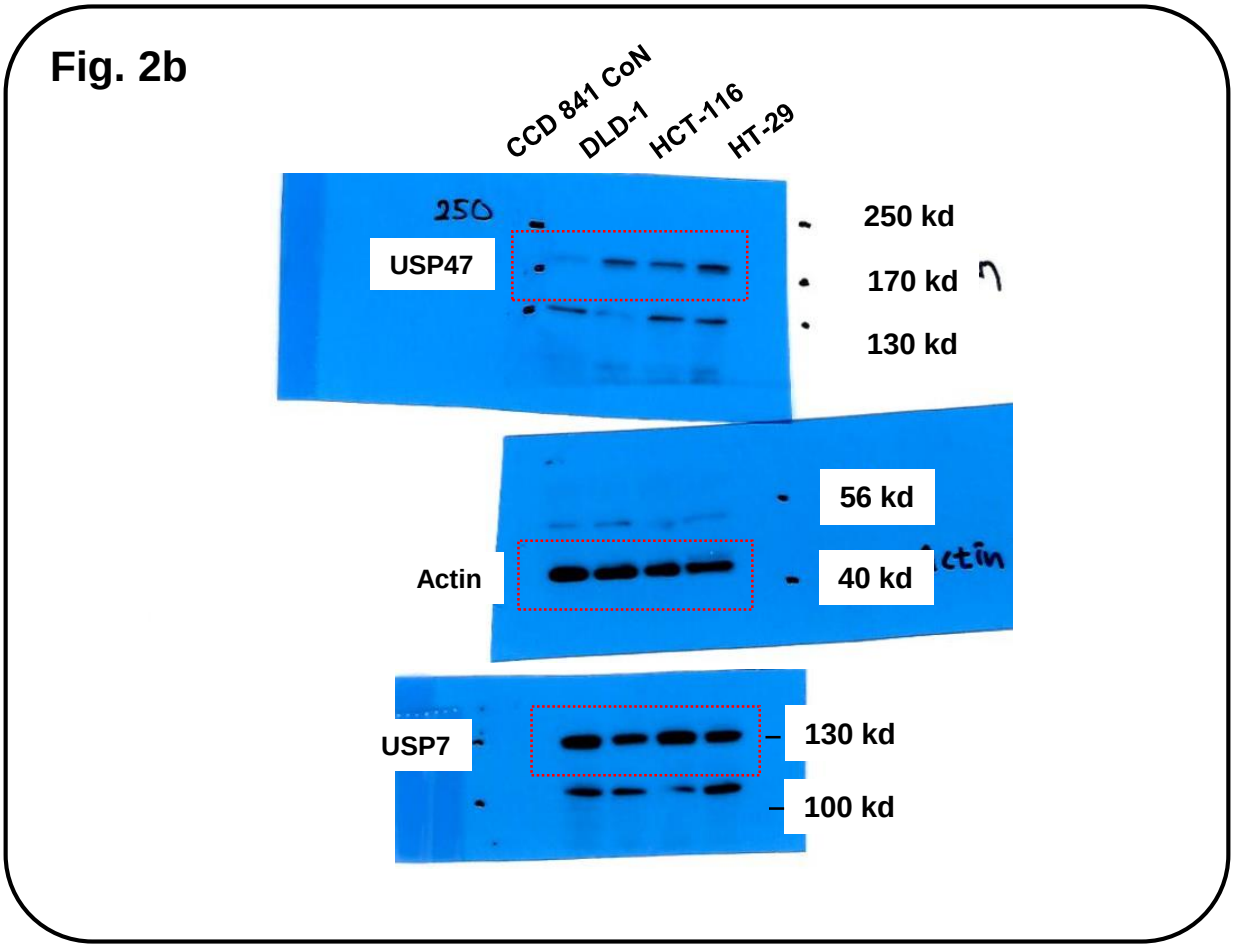


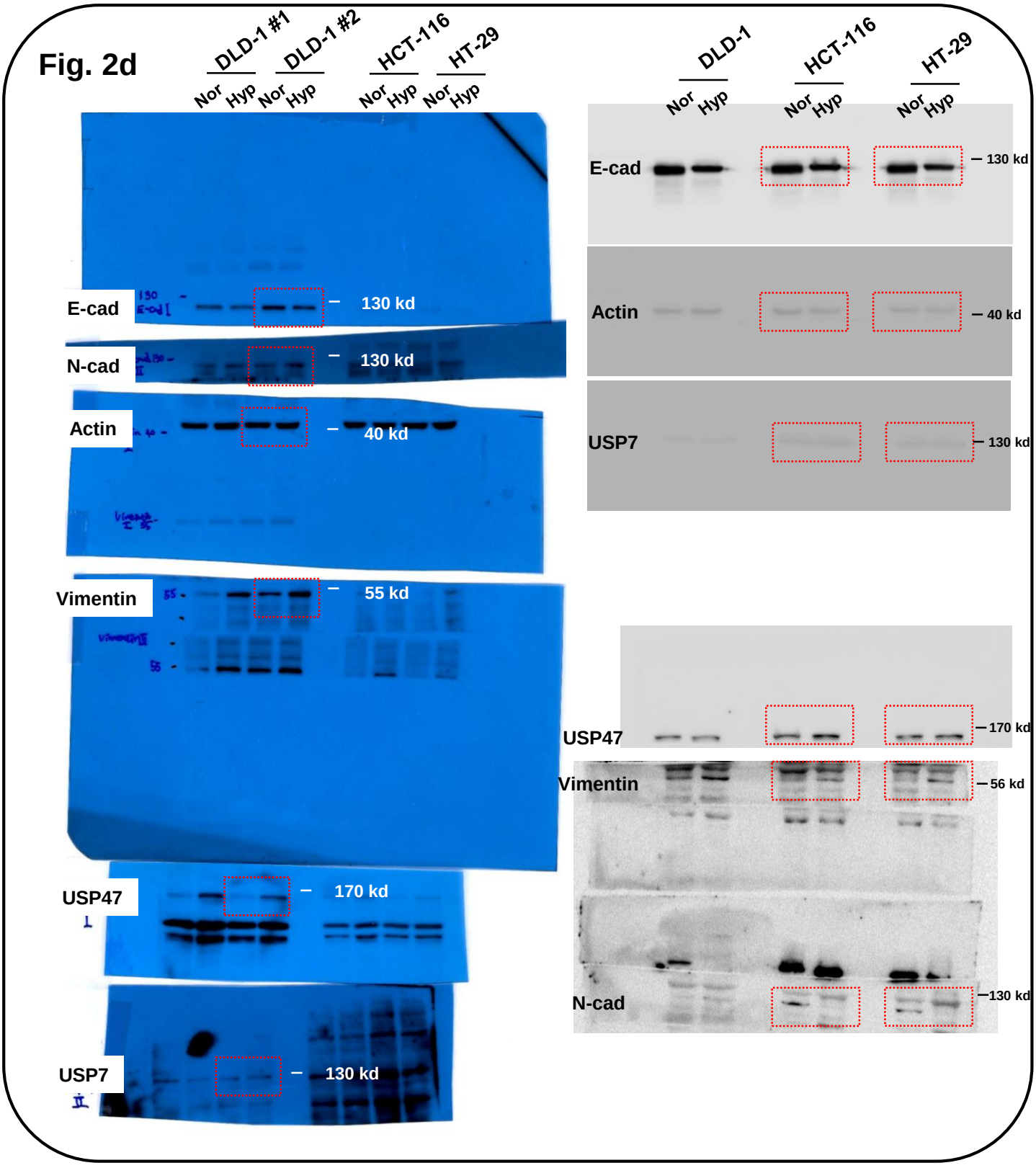
Fig. 2c



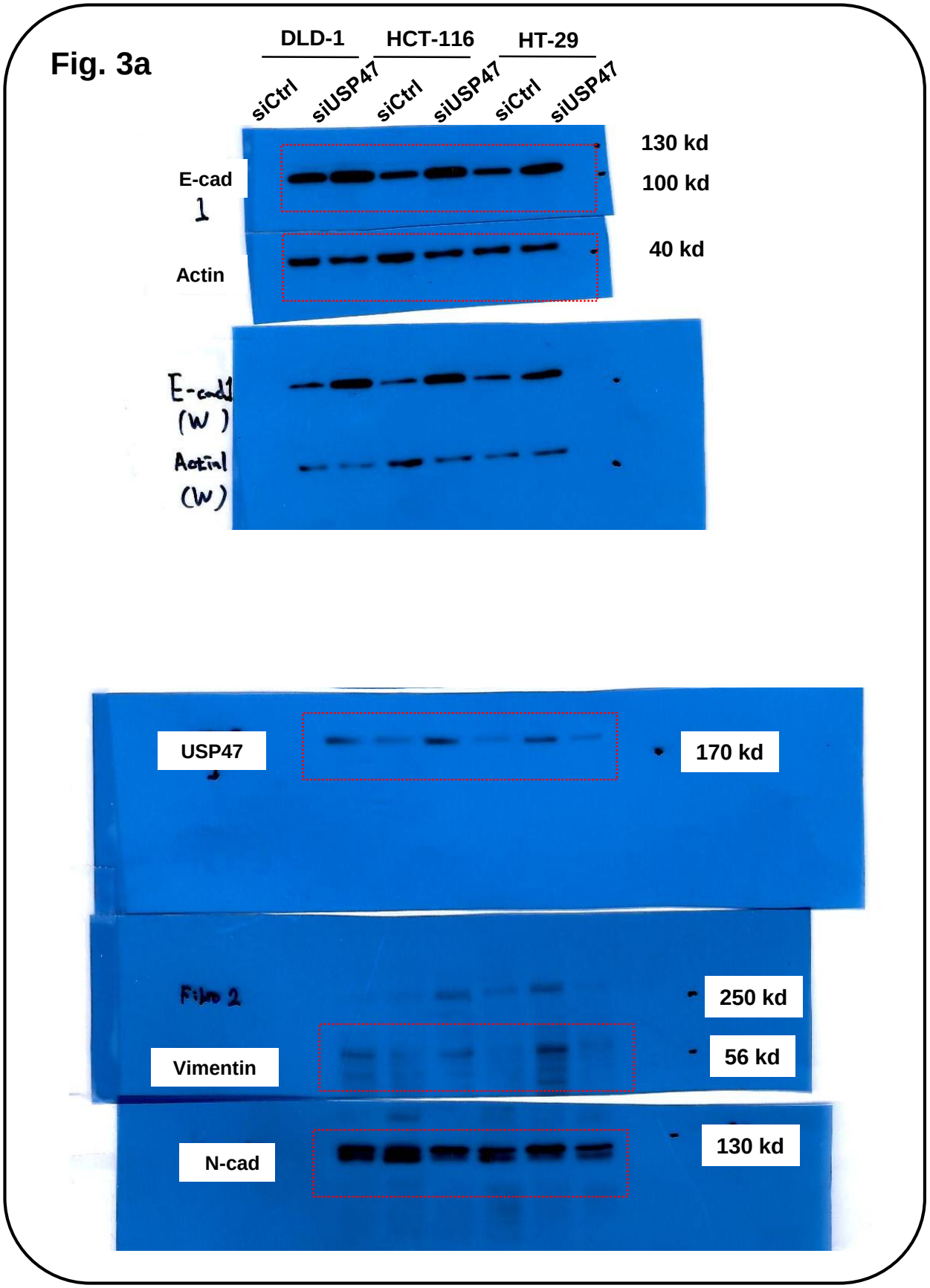
Supplementary Figure 6 (continued). Unprocessed full-length blots corresponding to Fig. 2. Bands in the red box are shown in Fig. 2c.



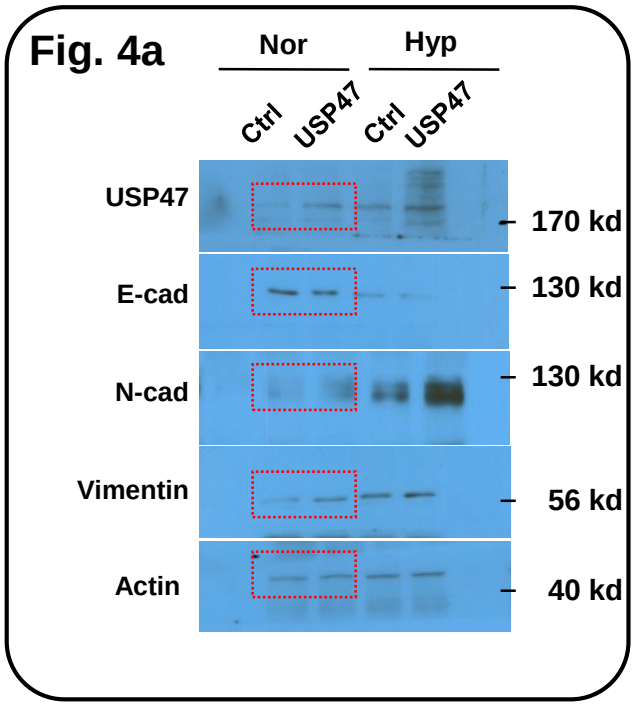
Supplementary Figure 6 (continued). Unprocessed full-length Western blots corresponding to Fig. 2. Bands in the red box are shown in Fig. 2b.

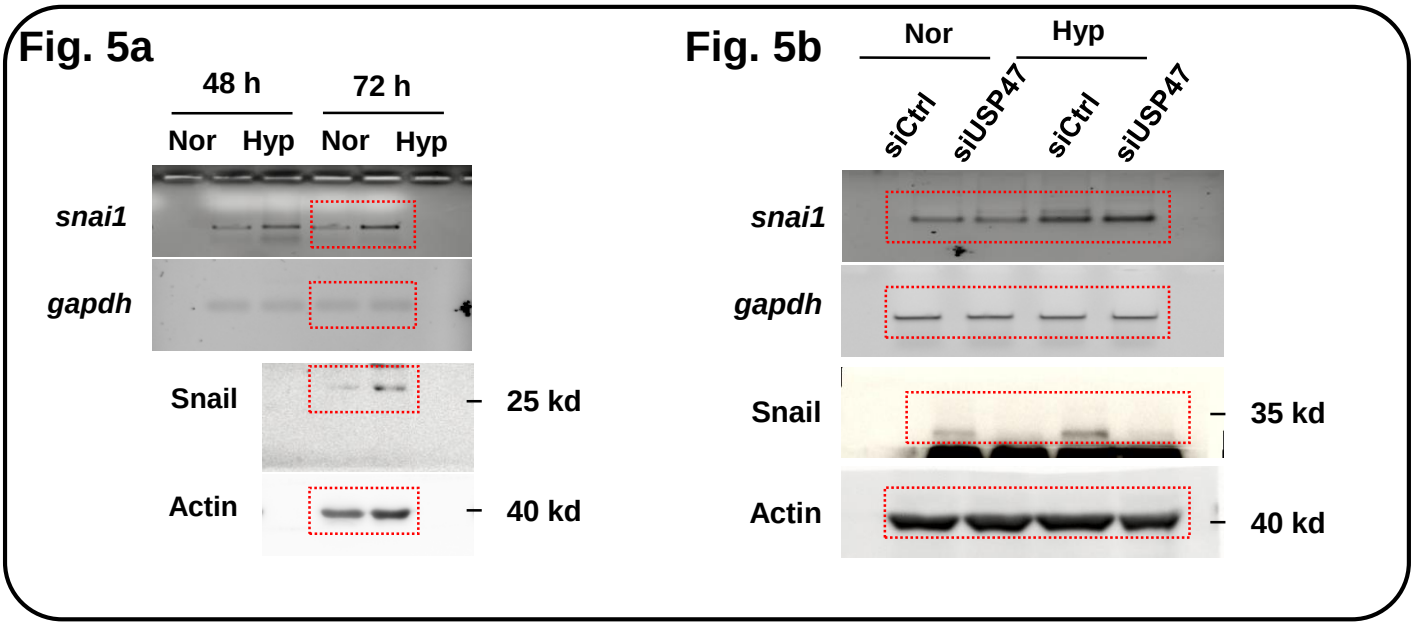


Supplementary Figure 6 (continued). Unprocessed full-length Western blots corresponding to Fig. 2. Bands in the red box are shown in Fig. 2d.

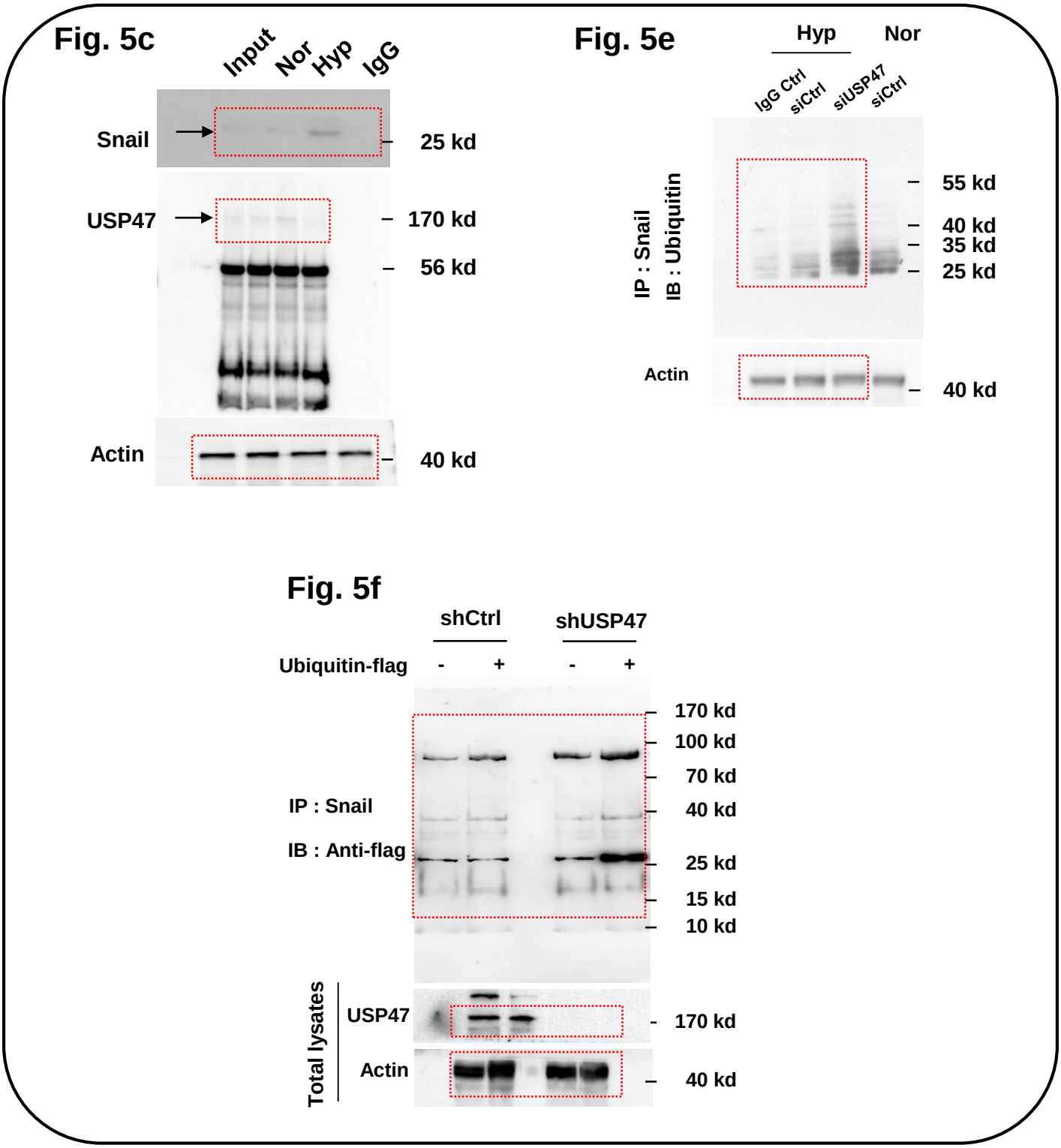


Supplementary Figure 6 (continued). Unprocessed full-length Western blots corresponding to Fig. 3. Bands in the red box are shown in Fig. 3a.

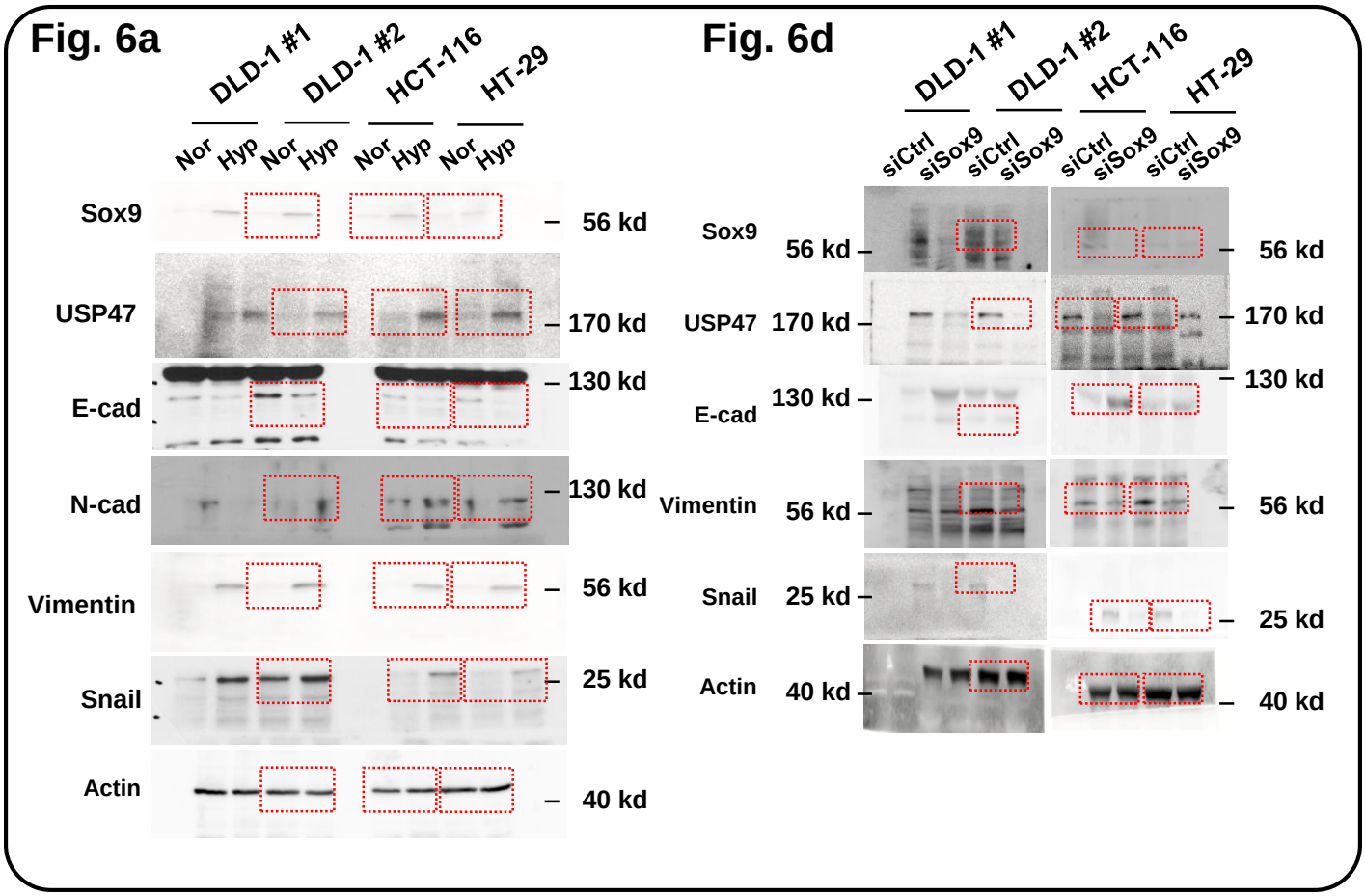




Supplementary Figure 6 (continued). Unprocessed full-length blots corresponding to Fig. 4 and 5. Bands in the red box are shown in Fig. 4a, 5a and 5b.

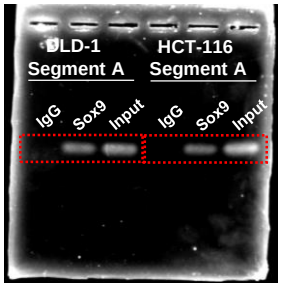


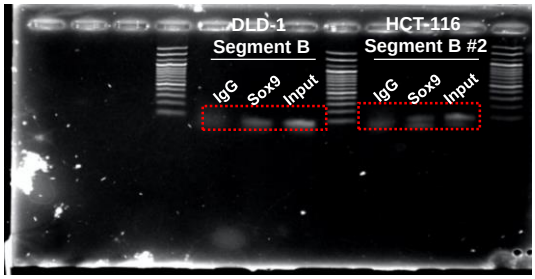
Supplementary Figure 6 (continued). Unprocessed full-length Western blots corresponding to Fig. 5. Bands in the red box are shown in Fig. 5c, e and f.

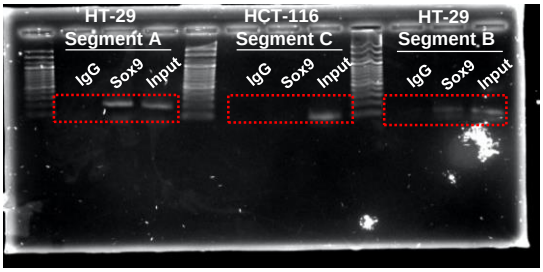


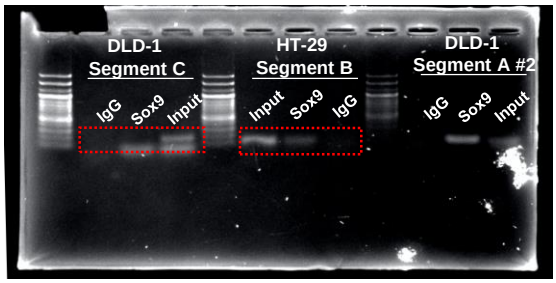
Supplementary Figure 6 (continued). Unprocessed full-length Western blots corresponding to Fig. 6. Bands in the red box are shown in Fig. 6a and d.

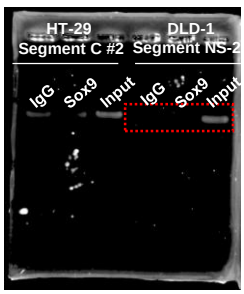
Fig. 6f

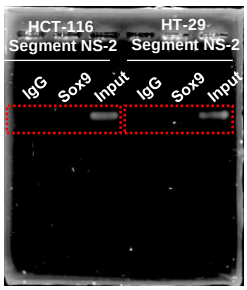


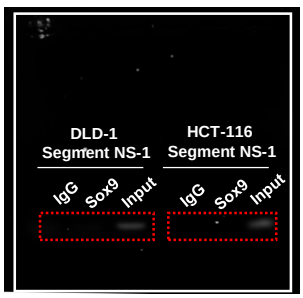


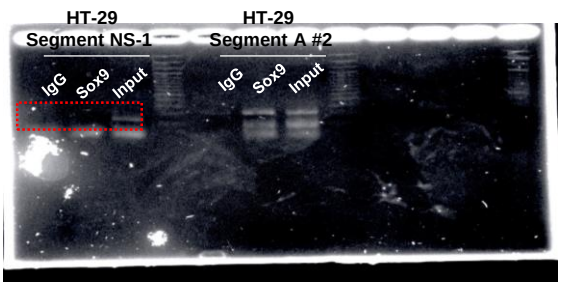


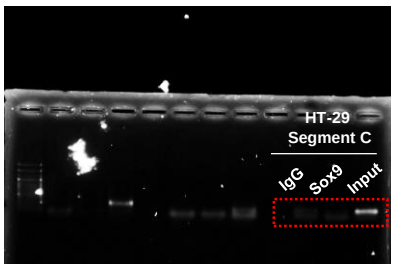




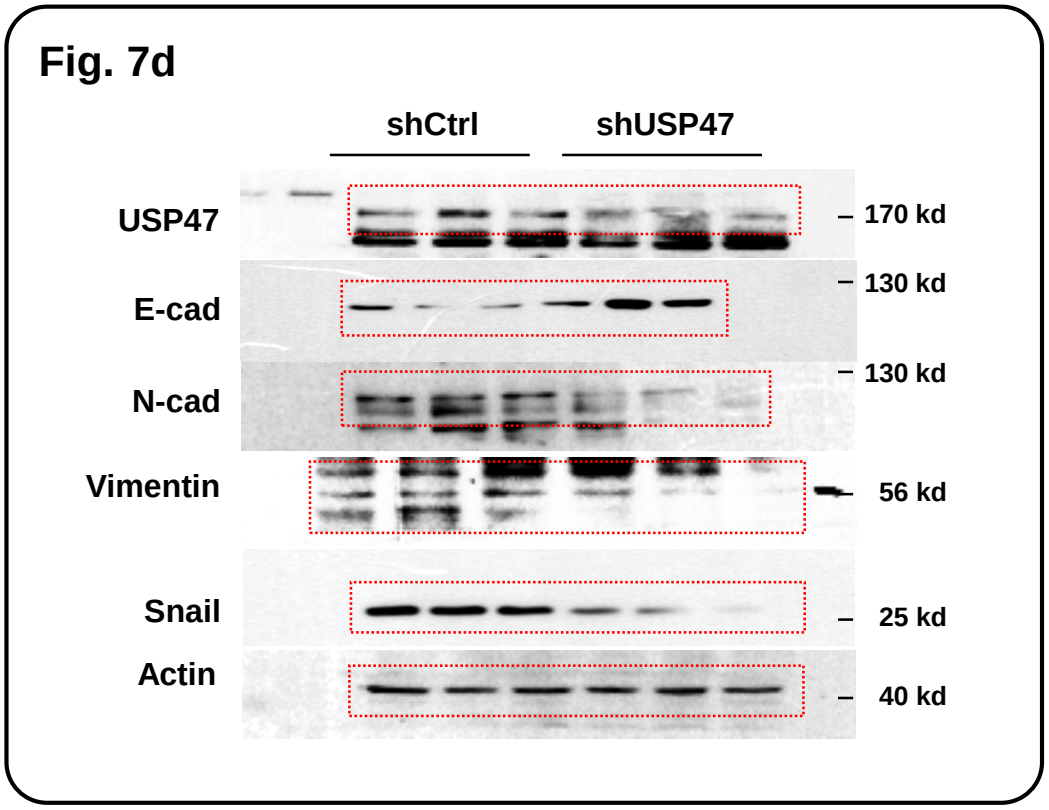








Supplementary Figure 6 (continued). Unprocessed full-length blots corresponding to Fig. 6. Bands in the red box are shown in Fig. 6f.



Supplementary Figure 6 (continued). Unprocessed full-length Western blots corresponding to Fig. 7. Bands in the red box are shown in Fig. 7d.