

Supplementary information

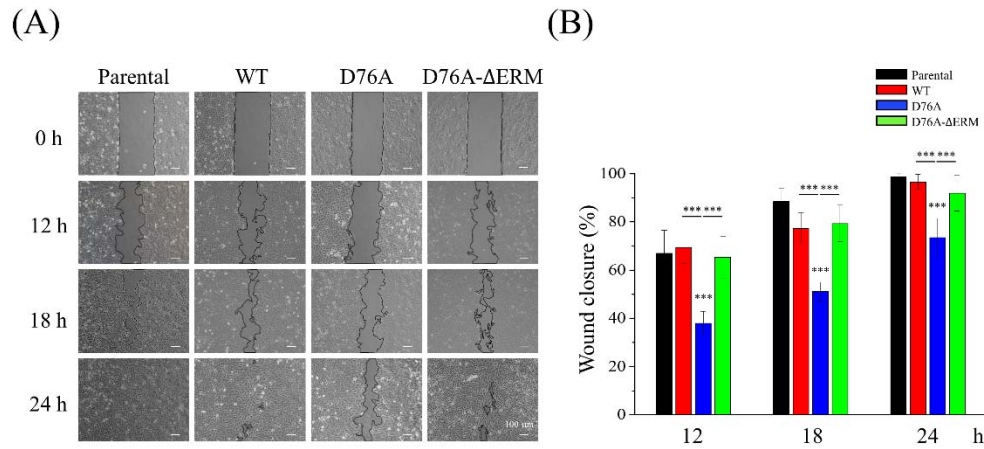


Figure S1. Different STIM1 variants result in different migration abilities in osteosarcoma U2OS cells. **(A)** 2D-group cell migration ability was determined using wound healing assays. Phase contrast images of the wound gaps between two monolayer cells were captured at 0, 12, 18 and 24 h. **(B)** Percentage of wound closure was quantified by the following calculations: $\text{Area}_0 - \text{Area}_t / \text{Area}_0 \times 100\%$. Bars represent the mean \pm SEM. *** $P < 0.001$ by one-way ANOVA.