

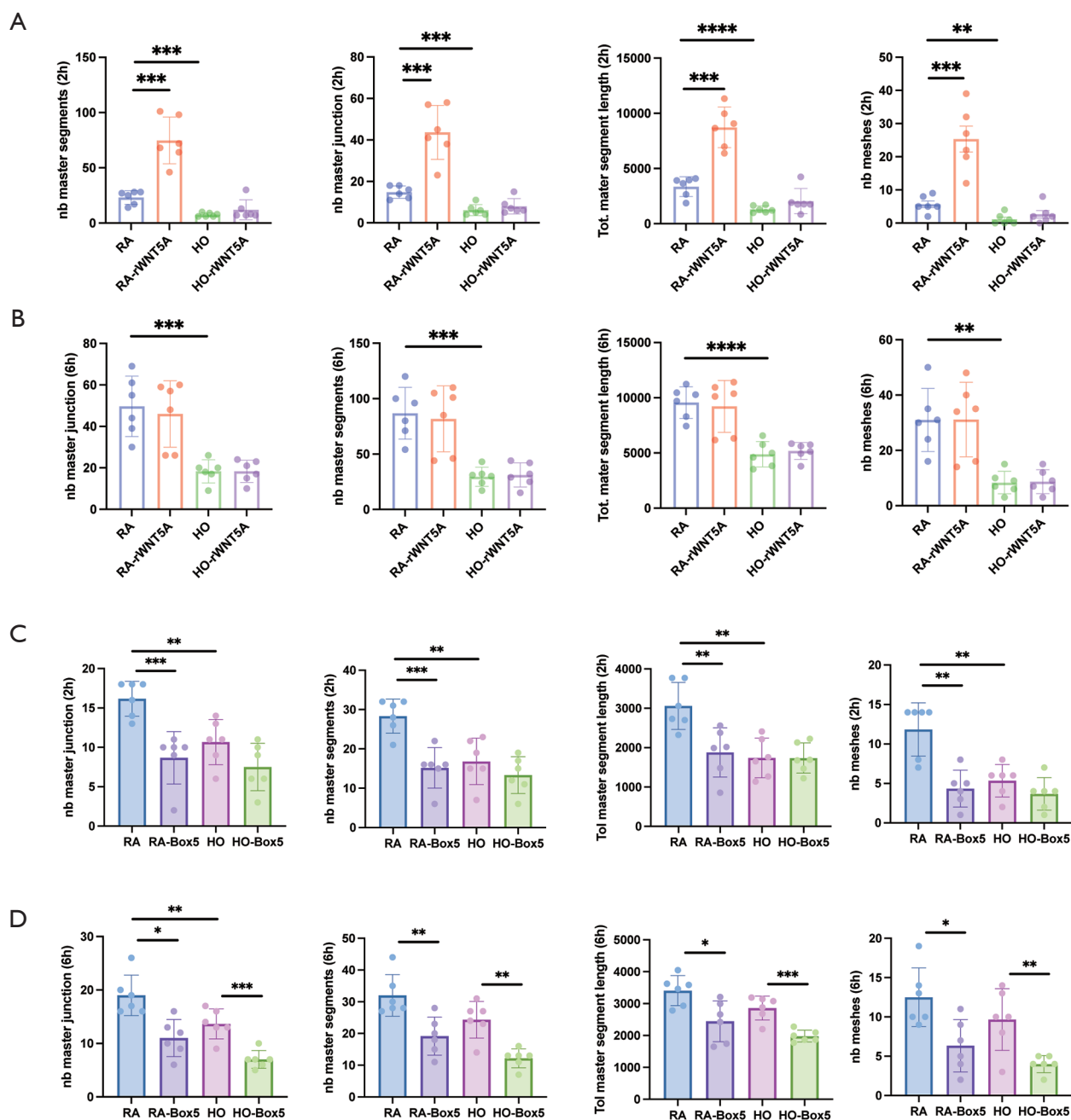


Figure S1 Tube formation experiment data at 2 and 6 h. (A) Quantification of junction, segments, total length of segments, and meshes in tube formation experiment at 2 h under rWNT5A co-culture. (B) Quantification of junction, segments, total length of segments, and meshes in tube formation experiment at 6 h under rWNT5A co-culture. (C) Quantification of junction, segments, total length of segments, and meshes in tube formation experiment at 2 h under Box5 co-culture. (D) Quantification of junction, segments, total length of segments, and meshes in tube formation experiment at 6 h under Box5 co-culture.

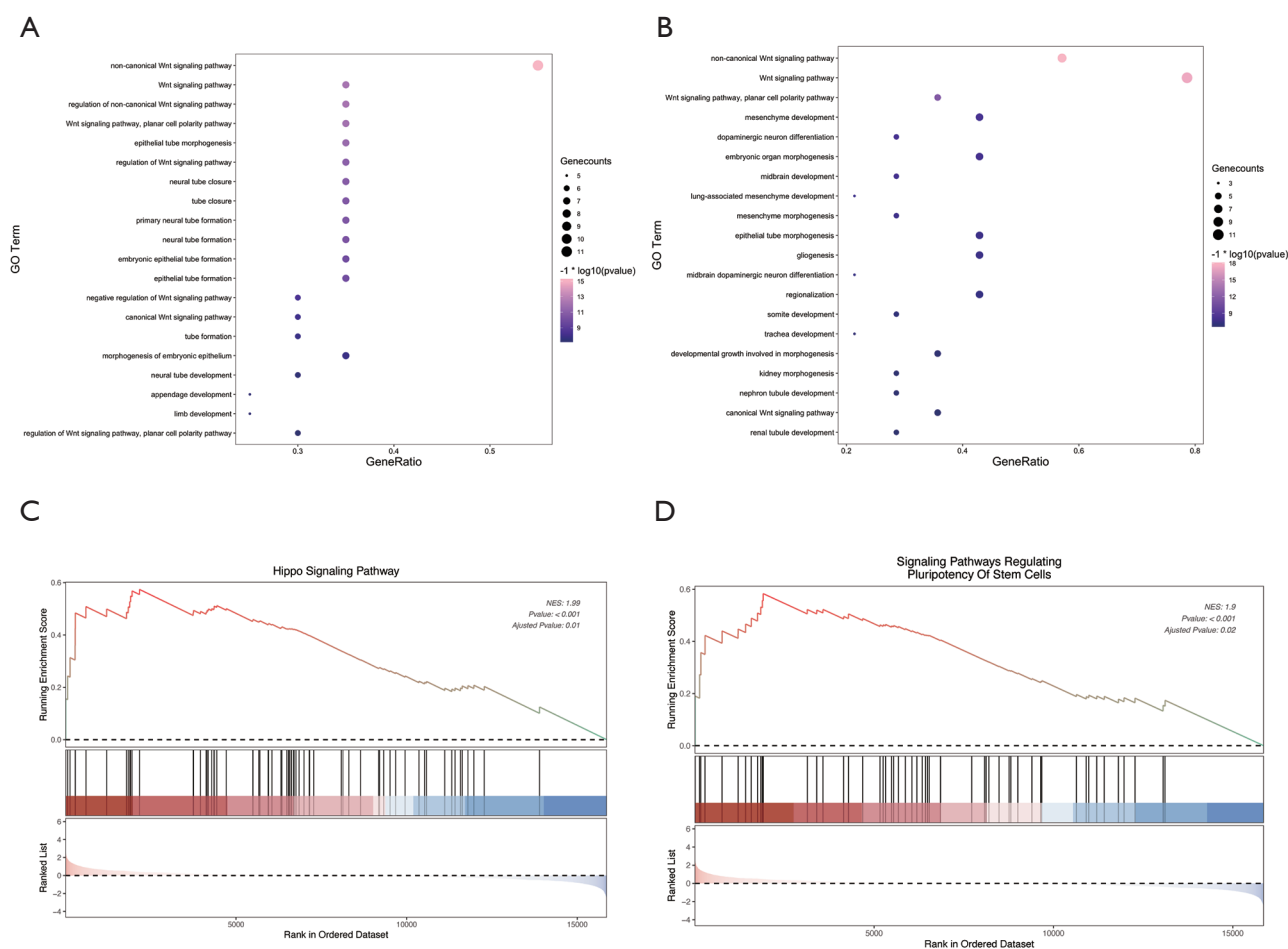


Figure S2 GO enrichment analysis of WNT-related-DEGs and GSEA analysis of significantly different genes set. (A) GO enrichment analysis of WNT-related-DEGs in the HO vs. RA group. (B) GO enrichment analysis of WNT-related-DEGs in the HO-rWNT5A vs. HO group. (C) GSEA plot of Hippo signaling pathway in the HO vs. RA group. (D) GSEA plot of the signaling pathway that regulates stem cell pluripotency in the HO vs. RA group. (n=3).