

# hTECSVVERT24

**Telomerized human thymic epithelial cells**

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# Key characteristics

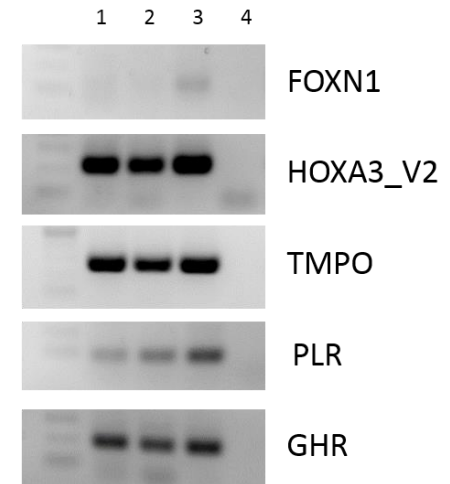
## Morphology and marker expression

### Continuous growth *in vitro*

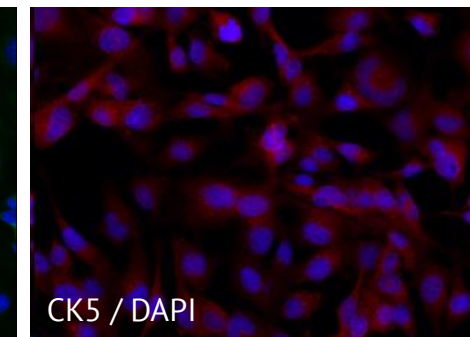
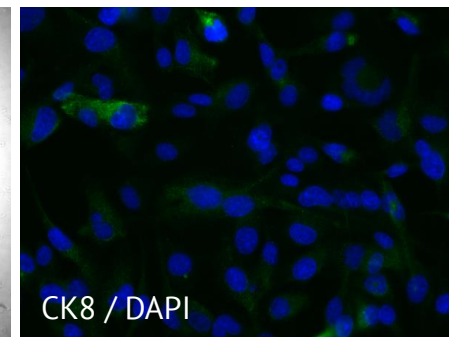
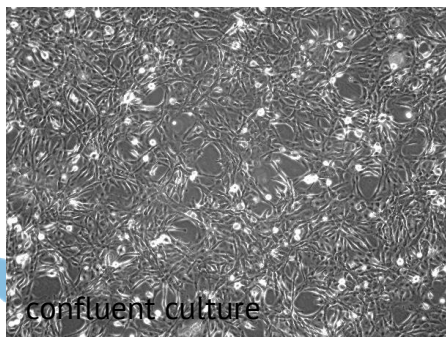
The cell line was established by ectopic expression of SV40 early region concomitant with the catalytic subunit of human telomerase (hTERT) and can be grown *in vitro* for at least 80 population doublings without showing signs of growth retardation.

### Morphology and marker expression

hTEC/SVTERT24 cells show the typical epithelial morphology when grown in 2D culture and form regular spheroids when cultivated in hanging drops. PCR based analysis demonstrate expression of thymic specific markers. Immunofluorescence analysis show presence of both CK5 and CK8 indicating the presence of progenitor like cell populations.



1 = hTEC/SVTERT24-B HangingDrop d3  
2 = hTEC/SVTERT24-B HangingDrop d7  
3 = hTEC/SVTERT24-B  
4 = RT-NFW





# Expertise and enthusiasm for your aims!

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## Contact

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