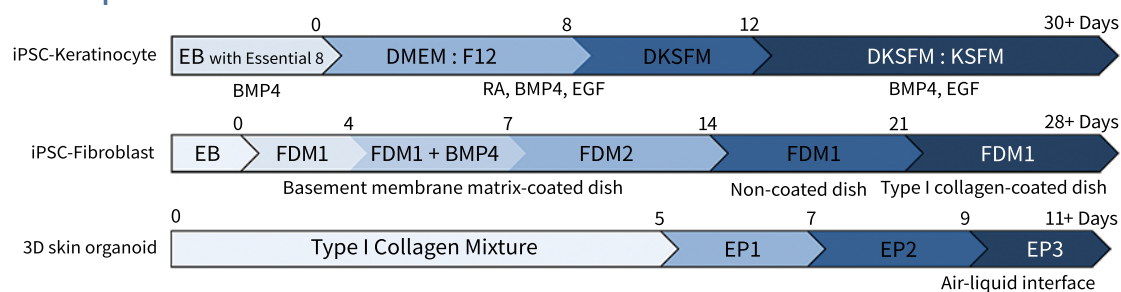


## Skin Organoid

Fibroblast, Keratinocyte, 3D Skin Organoid

Induced pluripotent stem cell-derived fibroblast, keratinocyte, and 3D skin organoid model. We provide efficacy evaluation service focused on anti-fibrotic effect of novel treatments using iPSC-derived skin equivalents.

### Service process



### Gene expression level

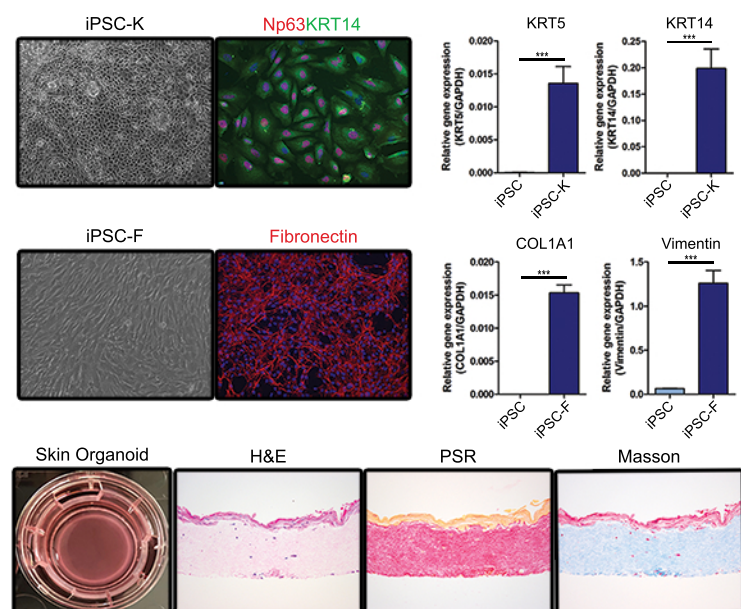
- p63, KRT5, KRT14
- Fibronectin, Vimentin, Type I collagen

### Cell proliferation analysis

- Cell counting kit-8 assay, BrdU assay
- Migration assay

### Histological analysis

- H&E, Picro Sirius Red, Masson Trichrome
- Involucrin, Loricrin, KRT14
- Type I collagen, α-SMA



"Stem Cell Res Ther. 2018 Aug 13;9(1):217. doi: 10.1186/s13287-018-0958-2".  
"J Vis Exp. 2019 Apr 18;(146). doi: 10.3791/59297."