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Scope:  Format:  Amount:  GEO accession:

Query DataSets for GSE162183

Status	Public on Apr 26, 2021
Title	Single cell transcriptional zonation of human psoriasis whole skin
Organism	<a href="#">Homo sapiens</a>
Experiment type	Expression profiling by high throughput sequencing
Summary	To explore the cellular and molecular alteration of human psoriasis, we collected full-thickness skin from the lesion region of 3 patients and the similar region of 3 healthy donors, and submit for single cell RNA sequencing (scRNAseq) with 10x genomics (V3.1). The transcriptional landscape of human psoriasis whole skin provide a unique view of immuno-regulation among skin cell types.

"Single cell transcriptional zonation of human psoriasis skin identifies an alternative immunoregulatory axis", <Cell Death Dis.>, 2021 May 6;12(5):450.

Overall design      Single cell RNA-seq study of human psoriasis skin

\*\*\* Submitter declares that the raw data will be deposited in the European Genome-phenome Archive (EGA) due to patient privacy concerns. \*\*\*

Web link <https://yzstudio.one/skin-psoriasis-atlas/>

Contributor(s) Hu Y, Gao Y, Li Y

Citation(s)	Gao Y, Yao X, Zhai Y, Li L et al. Single cell transcriptional zonation of human psoriasis skin identifies an alternative immunoregulatory axis conducted by skin resident cells. <i>Cell Death Dis</i> 2021 May 6;12(5):450. PMID: <a href="#">33958582</a>
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Platforms (1) [GPL24676](#) Illumina NovaSeq 6000 (Homo sapiens)

Samples (6) [GSM4946161](#) skin control1 10x scRNA-seq [More...](#)

[GSM4946162](#) skin control2 10x scRNA-seq

[GSM4946163](#) skin control3 10x scRNA-seq

## Relations

BioProject [PRJNA680805](#)

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Supplementary file	Size	Download	File type/resource
GSE162183_Raw_gene_counts_matrix.tab.gz	76.7 Mb	<a href="#">(ftp)</a> <a href="#">(http)</a>	TAB
GSE162183_Raw_gene_counts_matrix_LoomFile.loom.gz	143.6 Mb	<a href="#">(ftp)</a> <a href="#">(http)</a>	LOOM

*Raw data not provided for this record*

*Processed data are available on Series record*