

## ***Supplementary Material***

### **Supplementary Tables**

**Table S1.** Clinical information of samples from tissue bank.

	Sample/Control	Gender	Age (year)	Primary Factor	Basic Situation
1	Trunk keloid 1	Female	56	Surgery	Breast Cancer
2	Trunk keloid2	Female	31	Unknown	-
3	Trunk keloid 3	Male	22	Acne	-
4	Normal dermis of trunk 1	Female	55	-	Breast Cancer
5	Normal dermis of trunk 2	Male	32	-	pilonidal sinus
6	Ear keloid 1	Female	26	Ear-piercing	Family history of keloids
7	Ear keloid 2	Female	9	Incised Injury	-
8	Ear keloid 3	Female	25	Ear-piercing	-

**Table S2.** Comparation between fibroblasts from different tissues.

	S-N	HTS-N	K-N	HTS-S	K-S	K-HTS
Down	0	PDK4 2.110147e-04	PDK4 1.341859e-04	PDK4 1.842949e-04	PDK4 7.465489e-05	APOE 5.064474e-07
		APCDD1 4.586779e-02	PPARGC1A 5.129977e-04	APCDD1 3.669423e-02	PPARGC1A 1.042348e-04	PPARGC1A 6.175515e-04
			ENTPD3-AS1 2.011672e-02		ENTPD3-AS1 1.162273e-02	ENTPD3-AS1 2.257786e-02
Stable	12	8	8	8	7	7
Up	0	APOE 3.857802e-07	LEP 4.003795e-06	APOE 1.069461e-07	LEP 4.012839e-06	LEP 5.571055e-07
		LEP 1.588957e-04		LEP 1.598297e-04	POSTN 8.292566e-03	APCDD1 3.669423e-02

N for normal skin. S for normal scar. HTS for hypertrophic scar. K for keloid. The numbers in the table are p values compared between groups.