

Table SII. Showing the most enriched biological processes by the use of DAVID in normal genital vs normal oral epithelium, oral lichen planus (OLP) vs normal oral epithelium and in genital LP (GLP) vs normal genital epithelium. The p-value is a modified Fischer Exact p-value; the smaller, the more enriched

	Count	p-value	Benjamini
Normal genital vs normal oral epithelium (ES 2.93)			
Gland development	7	2.2E-06	0.0012
Urogenital system development	5	0.00027	0.03
Prostate gland development	3	0.00044	0.04
OLP vs normal oral epithelium (ES 12.18)			
Epidermis development	31	2.8E-17	5.8E-14
Ectoderm development	31	2.6E-16	2.3E-13
Epithelium development	28	3.3E-12	2.3E-09
Epithelial cell differentiation	22	7E-12	3.6E-09
Keratinocyte differentiation	16	2.2E-11	9.2E-09
Epidermal cell differentiation	16	8.4E-11	2.9E-08
Keratinisation	13	1.7E-10	5.1E-08
Genital LP vs normal genital epithelium (ES 7)			
Epidermis development	27	2.2E-10	5.3E-07
Ectoderm development	27	1.3E-09	0.000015
Epithelium development	27	2.1E-08	0.000017
Epithelial cell differentiation	20	8.4E-08	0.00005
Keratinocyte differentiation	13	1.1E-06	0.00053
Epidermal cell differentiation	13	2.9E-06	0.0012
Keratinisation	9	0.00006	0.017

ES: Enrichment score.