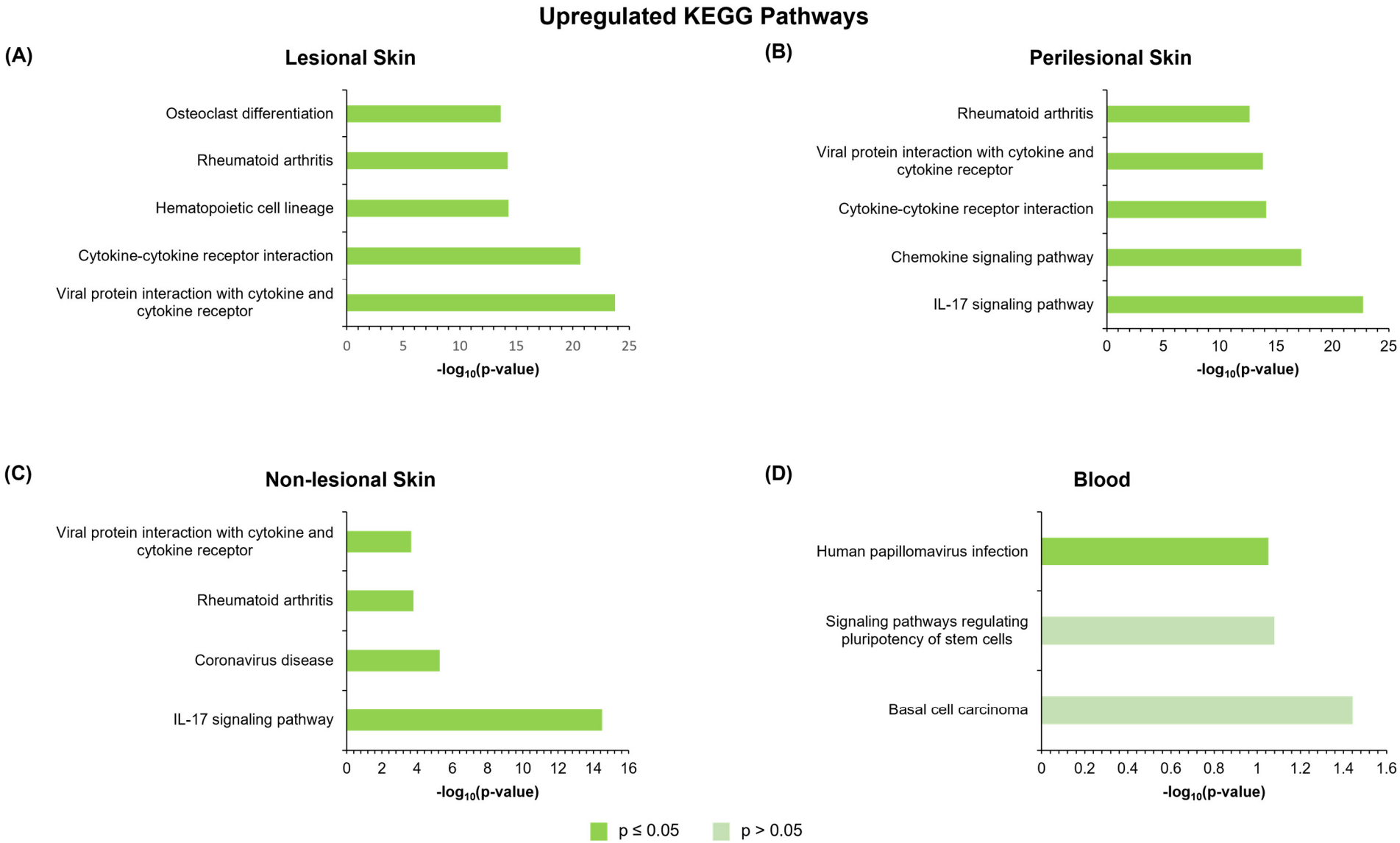
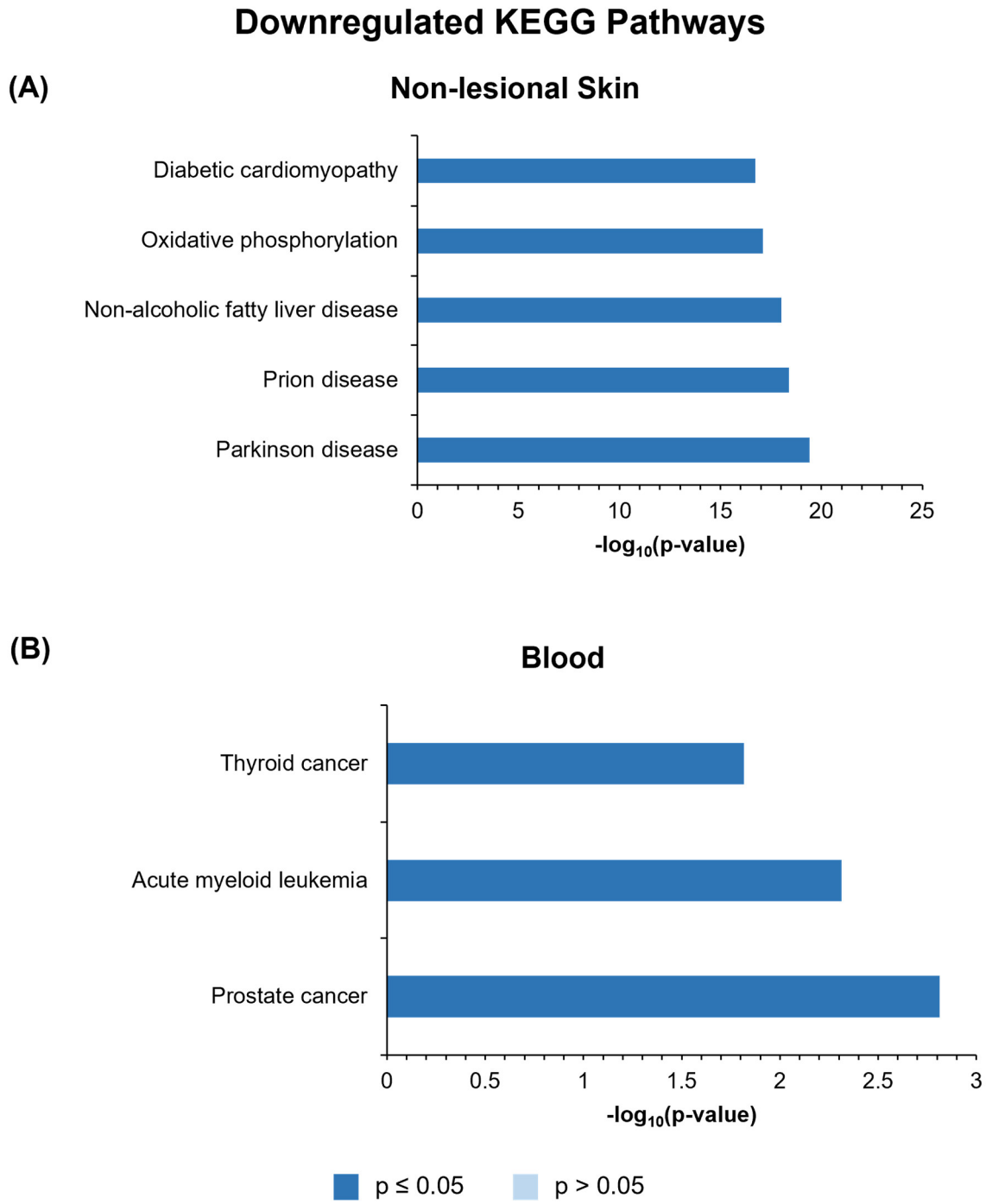


Supplementary Figure S1. Enriched KEGG pathways using Enrichr-KG in upregulated DEG lists for HS **(A)** lesional skin, **(B)** perilesional skin, **(C)** non-lesional skin, and **(D)** blood tissue when compared to healthy controls; the majority of the enriched pathways for blood tissue were statistically non-significant i.e. $p > 0.05$. The enriched pathways corroborate the results obtained using the Reactome database for over-representation analysis.



Supplementary Figure S2. Enriched KEGG pathways using Enrichr-KG in downregulated DEG lists for HS **(A)** non-lesional skin and **(B)** blood tissue when compared to healthy controls; no results were obtained for lesional skin and perilesional skin. The enriched pathways corroborate the results obtained using the Reactome database for over-representation analysis.