

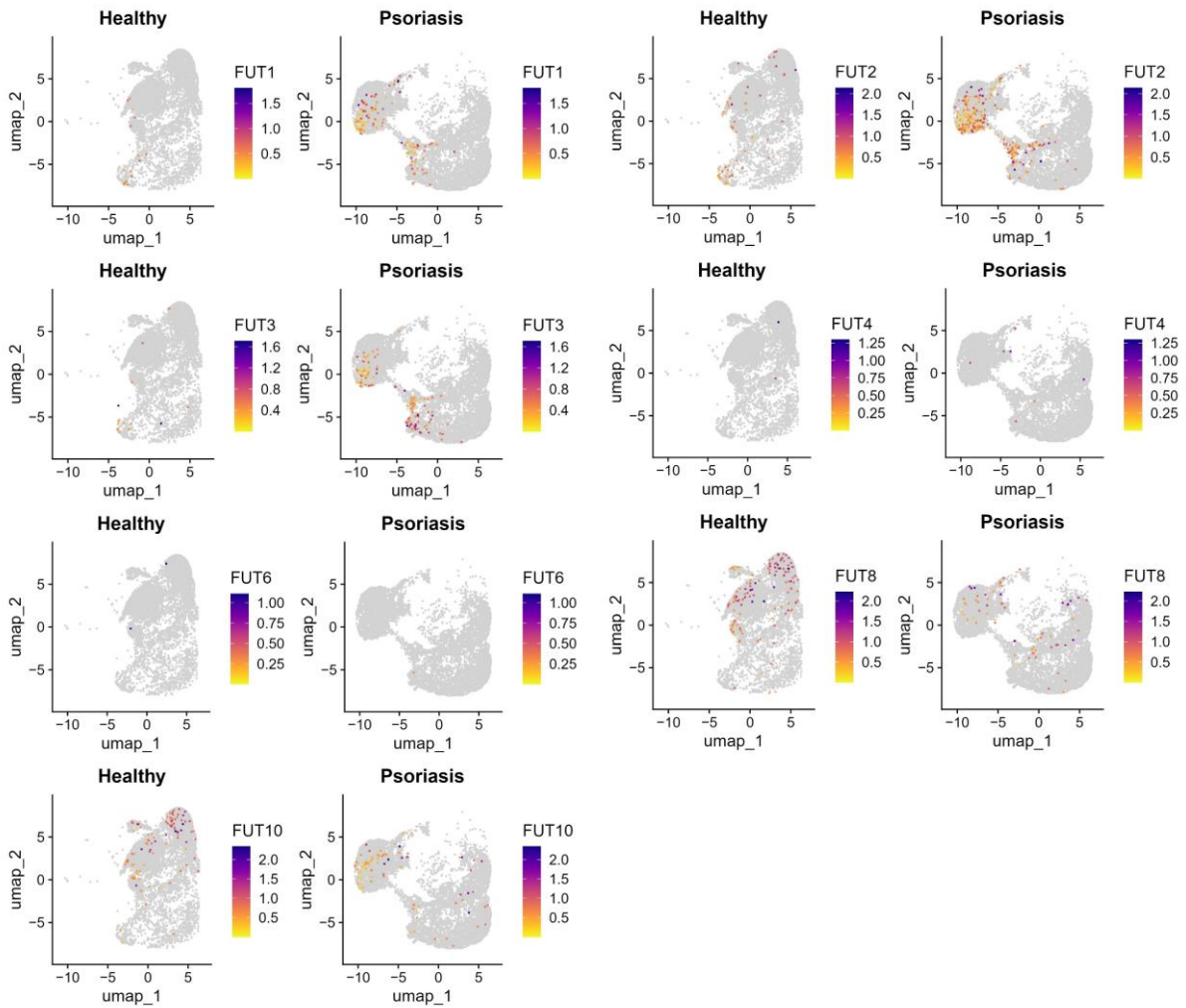


Figure S2 | UMAP plot visualizes the expression levels of fucosyltransferase genes (FUT1, FUT2, FUT3, FUT4, FUT6, FUT8 and FUT10) across keratinocyte subpopulations, with FUT5 and FUT9 exhibiting negligible expression. Gene expression intensity is represented through a color gradient, where darker colors correspond to higher expression levels.

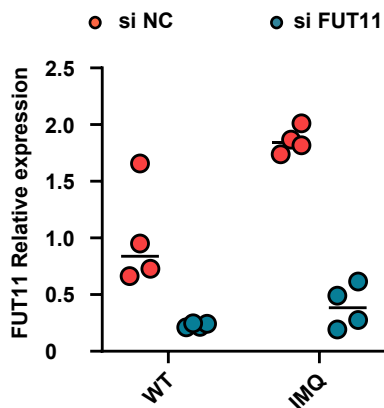


Figure S3 | Relative mRNA expression of FUT11 in IMQ-induced psoriasis-like mice ears. Results were shown as mean $\pm$ SD. * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$.

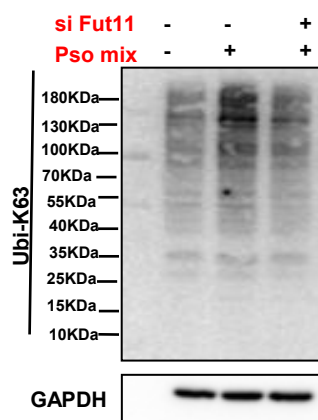


Figure S4 | Western blot analysis the levels of ubiquitylated via K63 linkage by silencing FUT11.

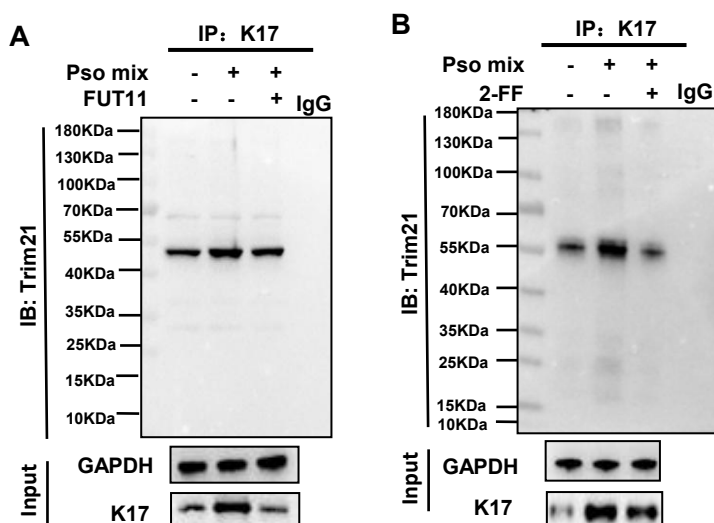


Figure S5 | Immunoprecipitation assays with anti-K17 antibody for Trim21 in keratinocytes treated with fucosylation inhibitor (2-FF) and siRNA FUT11.