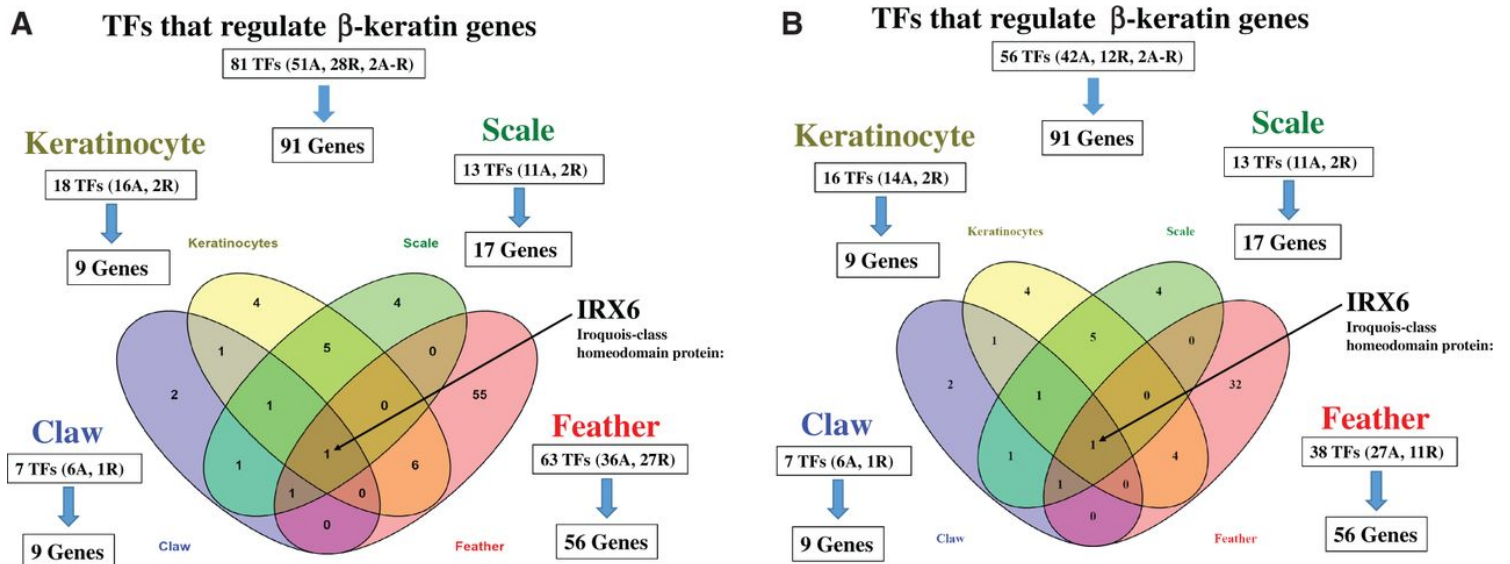


Fig. 2



Summary of annotated TF–target gene relationships. (A) Overall predictions and (B) predictions supported by differential expression of pTF–target gene. The figure summarizes the number of annotated TFs and their corresponding numbers of target β -keratin genes. The annotated TFs are further classified according to the sub-class (scale, claw, keratinocytes and feather) of the β -keratin genes they regulate. The entries “A” and “R” denotes “activator” and “repressor”, respectively. The Venn-diagram shows the numbers of common and unique regulators among the four sub-classes of β -keratins. Iroquois-class homeodomain (IRX6) was found the sole TF protein which commonly regulates all the four sub-classes of β -keratin genes.