## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1 Description: miRNA sequencing of HEK293T cells

File Name: Supplementary Data 2 Description: HITS-CLIP identifies XPO5 associated cellular RNAs in HEK293T cells

File Name: Supplementary Data 3 Description: smRNA-seq of XPO5 control and cKO epidermal cells