Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: List of differentially expressed proteins between UBR4 WT and KO HEK293T cells.

Protein expression is represented as Log2 transformed label-free quantification (LFQ) values. Data were analyzed for differential expression using Perseus via a two-tailed student"s t-test (BH.q FDR < 0.05).

File name: Supplementary Data 2

Description: FAT Gene Ontology enrichment analysis of the up- and down-regulated proteins in UBR4 KO HEK293T cells.

Data were analyzed using DAVID via Fisher"s exact test (p-value < 0.05). BP is biological process, MF is molecular function, and CC is cellular component.

File name: Supplementary Movie 1

Description: Time-lapse imaging of NPY-GFP (green) trafficking in UBR4 WT and KO HEK293T cells in the RUSH experiment.

The Golgi (magenta) was labeled with Golgi-RFP BacMam 2.0. Select images from this movie were used to generate Fig. 6j.