

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: SICyLIA proteomic results of all cysteine-containing peptides identified in *Fh1^{fl/fl}* cells treated with 500 μ M hydrogen peroxide for 15 minutes compared to untreated cells, corresponding to Fig. 4 and Supplementary Fig. 2. Based on 4 independent experiments, single measurement. A Significance B value of 0.00E+00 indicates highly significant.

File Name: Supplementary Data 2

Description: SICyLIA proteomic results of all cysteine-containing peptides identified in *Fh1^{-/-}* compared to *Fh1^{fl/fl}* cells, corresponding to Fig. 7 and Supplementary Fig. 3. Based on 4 independent experiments, single measurement.

File Name: Supplementary Data 3

Description: SICyLIA proteomic results of all cysteine-containing peptides identified in *Fh1^{-/-}* compared to *Fh1^{fl/fl}* mouse kidney tissues, corresponding to Fig. 8 and Supplementary Fig. 4. Based on the comparison of 1 mouse per genotype, using 4 replicate tissue slices per mouse.