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Supplemental Table 1. Primers used for qPCR.

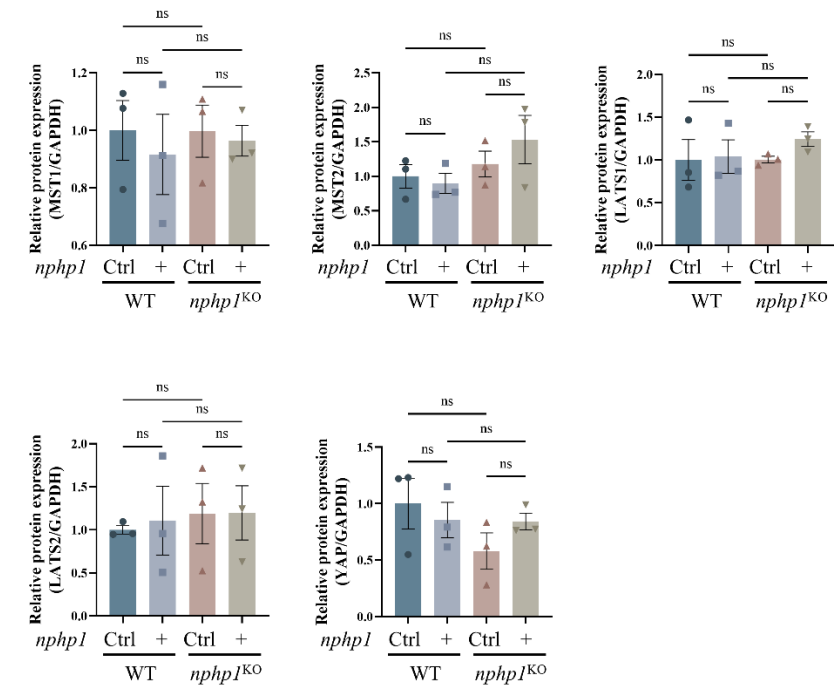
Gene	Primer	Sequence
<i>nphp1</i>	Forward	AGCAGGAGGGGAAGAAGT
	Reverse	TGGAAGAGTGTGGAAGGC
MST1	Forward	CTCAACTCCTACAGCACCCGTTTG
	Reverse	TCTCTTCATCATCCTGGTCCACCTC
MST2	Forward	CAGCGCCCAAGAGTAAGCTA
	Reverse	CGCCGCAGTACTCCATAACA
LATS1	Forward	CACCGAAATTTGGGACGCAT
	Reverse	TGCACACTCCCTGGTTTCAA
LATS2	Forward	TGCTCCTCCGAAAAGGATACAC
	Reverse	GAAGTCAATGGCCCCGAAGA
YAP	Forward	CAGCAGAACCGTTTCCCAGACTAC
	Reverse	GACTTGGCATCAACTCCTCTCCTTC
TAZ	Forward	CACCGTCTCCAATCACCAGT
	Reverse	TGAAGAAGCGGGAGTGTAGC
Kibra	Forward	GGACCCCAAAGCCAGTATGT
	Reverse	CTGTCTGAAGCTCACCTTGT
NF2	Forward	TGGGAATGGCGGTGAAGGAG
	Reverse	CAGTGGGAGGTAGGAAGCAGTAG
FRMD6	Forward	TTGTGGTCACTCCCTCATGC
	Reverse	CACAAGGCATCATAGCACGC

Supplementary Table 2. Primary antibodies and secondary antibodies.

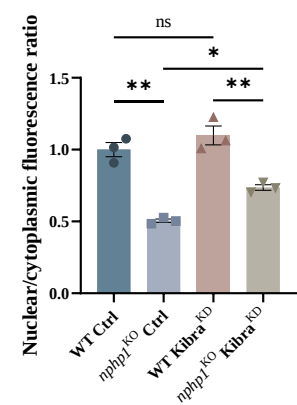
Primary antibodies	Source
anti-NPHP1	Sab2104055, Sigma-Aldrich
anti-Kibra	ab216508, Abcam
anti-MST1	ab51134, Abcam
anti-MST2	ab52641, Abcam
anti-phospho-MST1 (Thr183)/MST2 (Thr180)	49332, CST
anti-LATS1	3477, CST
anti-LATS2	20276-1-AP, Proteintech
anti-phospho-LATS1 (Ser909)	9157, CST
anti-YAP	M027159F, Abmart
anti-phospho-YAP (S127)	T55743F, Abmart
anti-TAZ	66500-1-Ig, Proteintech
anti-phospho-TAZ (Ser89)	TA4315S, Abmart

Secondary antibodies	Source
Goat Anti-Mouse HRP	FDM007, FUDE
Goat Anti-Rabbit HRP	FDR007, FUDE

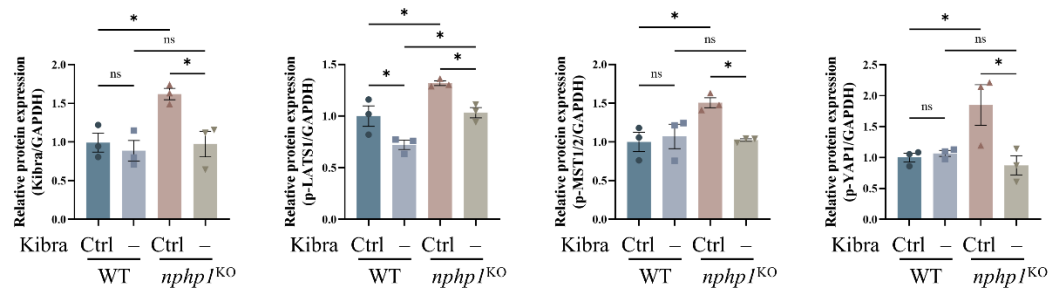
Supplementary Figure 1. The statistics of the expression of the non-phosphorylated forms of the core Hippo pathway proteins after *nphp1* re-expression.



Supplementary Figure 2. Nuclear/cytoplasmic fluorescence ratio of YAP.



Supplementary Figure 3. The statistics of the expression of the phosphorylated forms of the core Hippo pathway proteins after *Kibra* knockdown in the kidney of mice.



n = 3 mice/group. The data are presented as mean $\pm$ SEMs. * p < 0.05; ns, not significant. One-way ANOVA.

Supplementary Dataset 1. Uncut Western Blots

Figure 1B

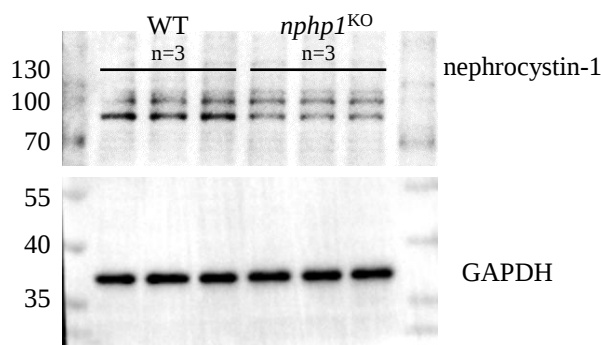


Figure 1D

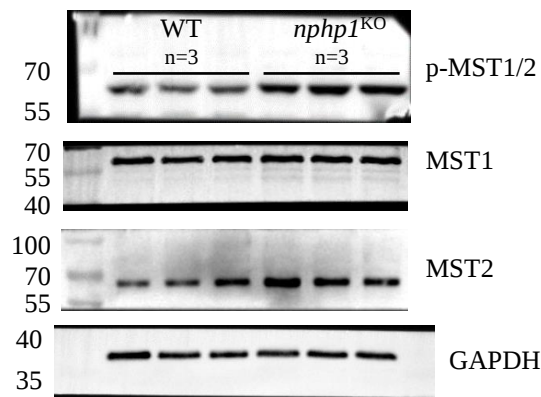


Figure 1E

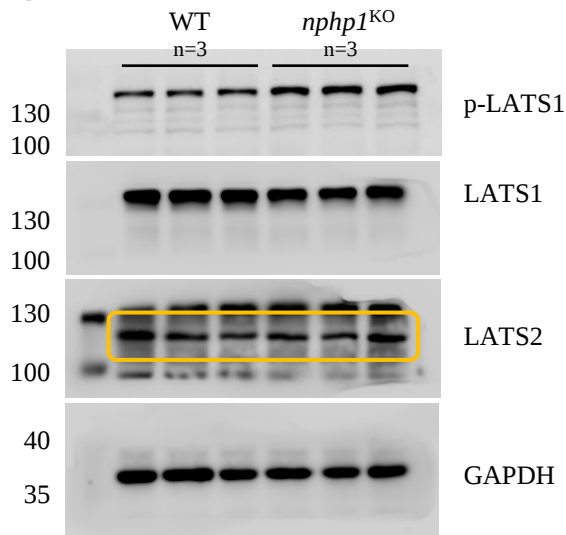


Figure 1F

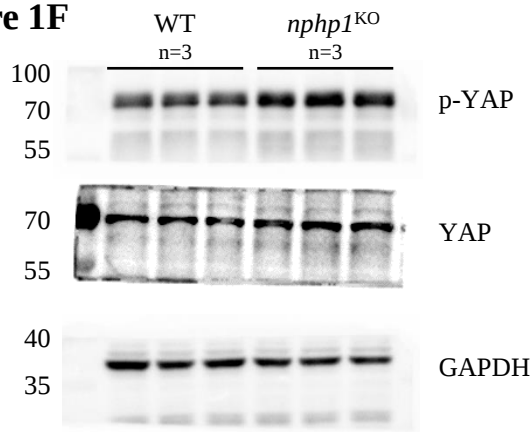


Figure 1G

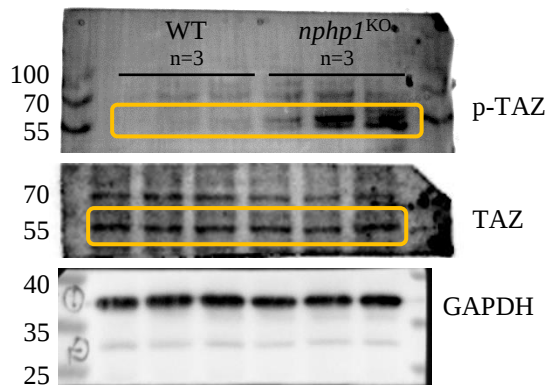


Figure 1I

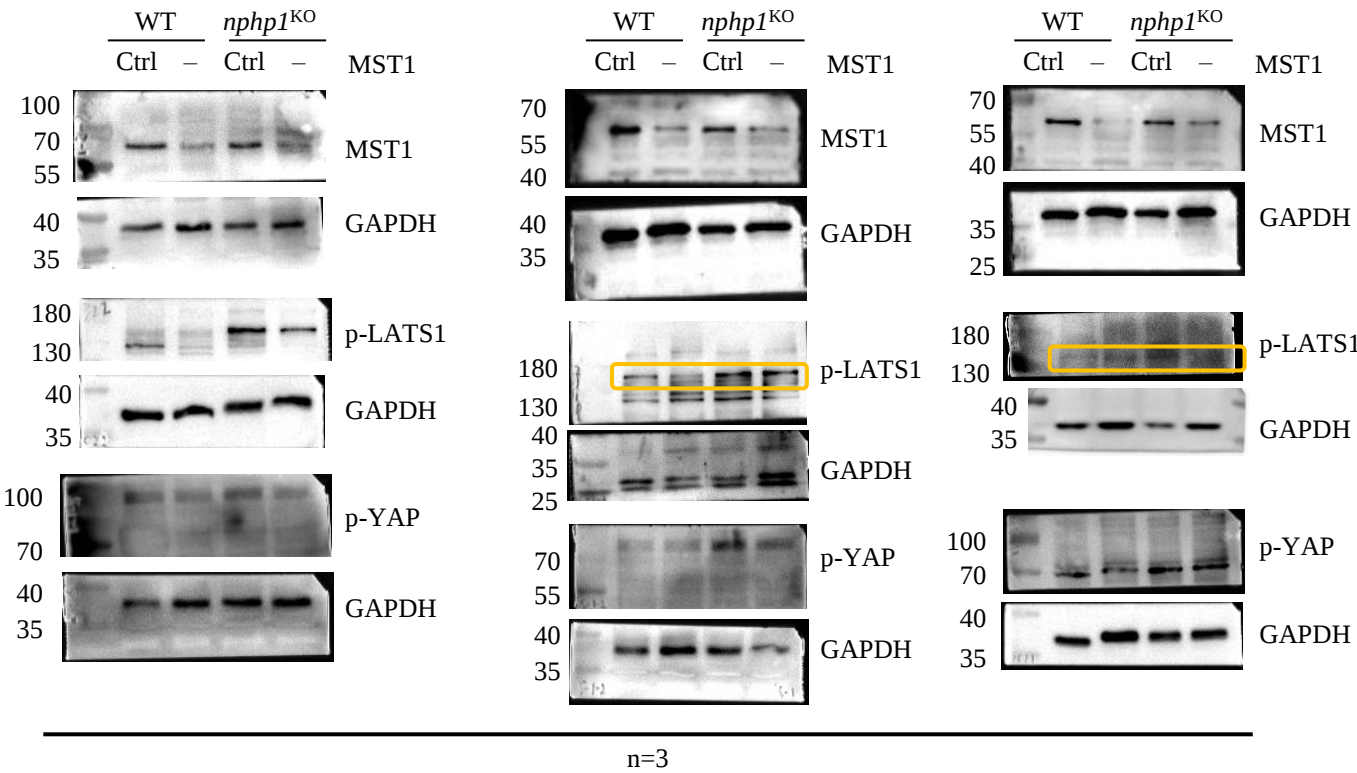


Figure 1K

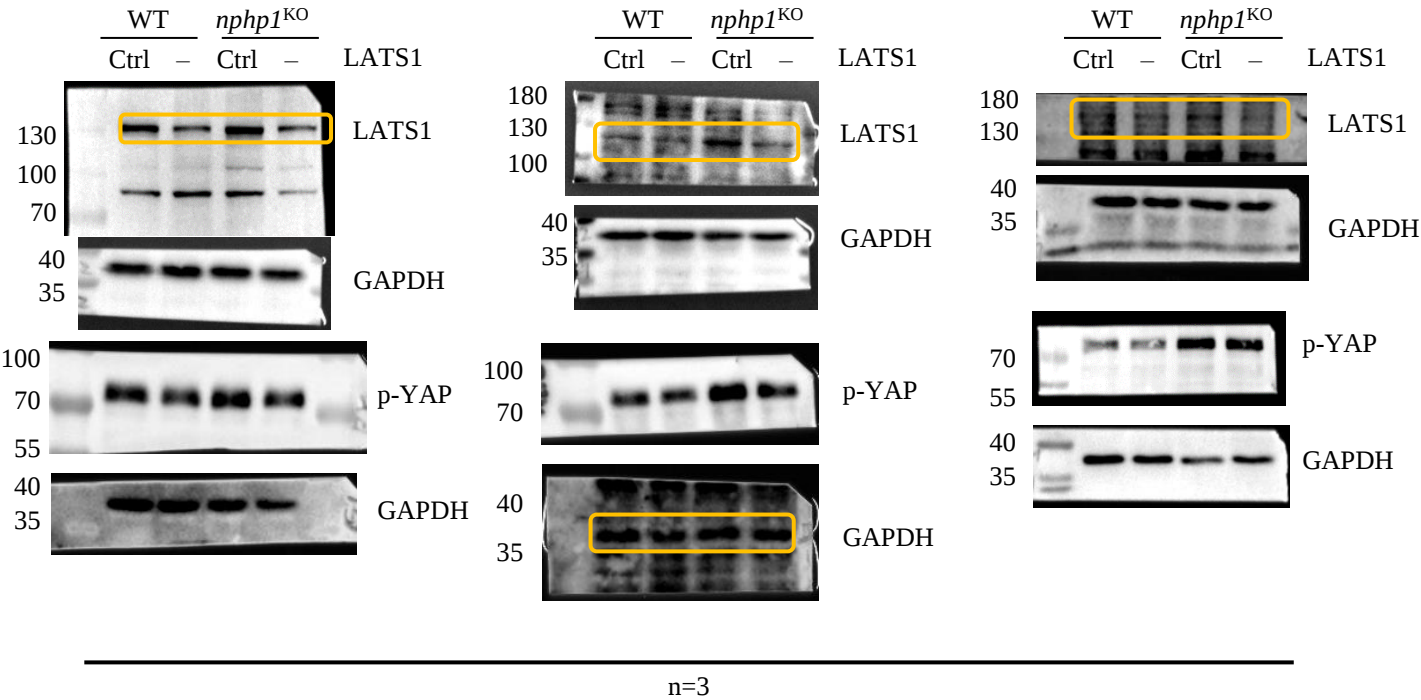


Figure 2A

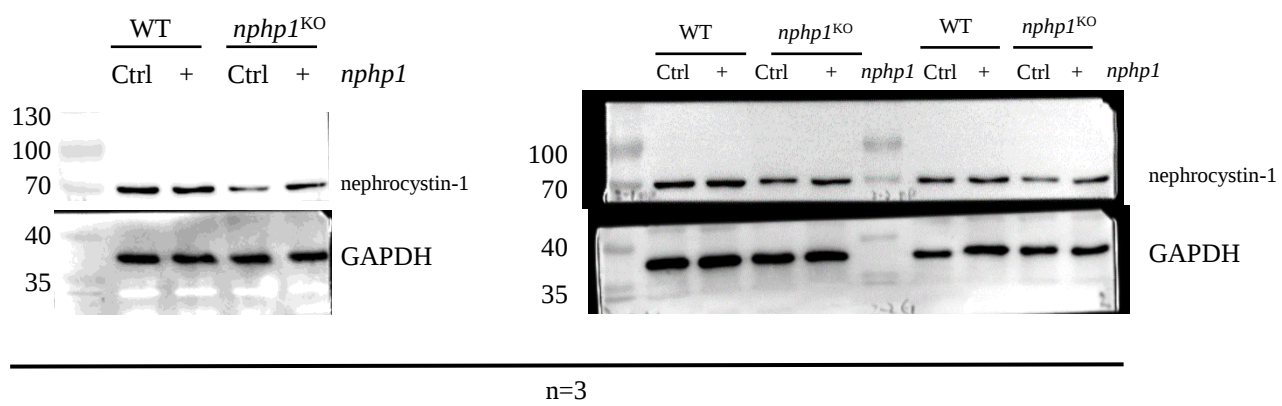


Figure 2C

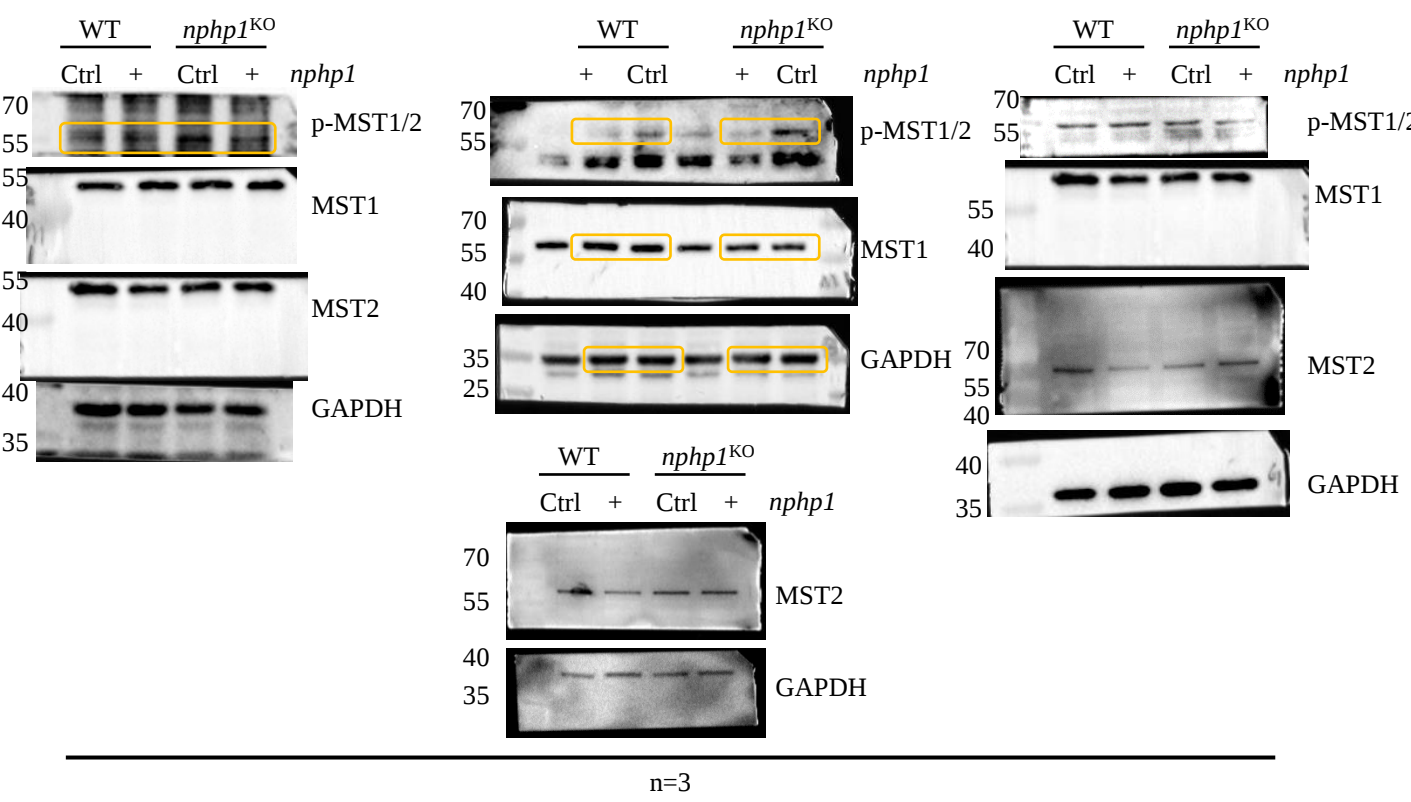


Figure 2D

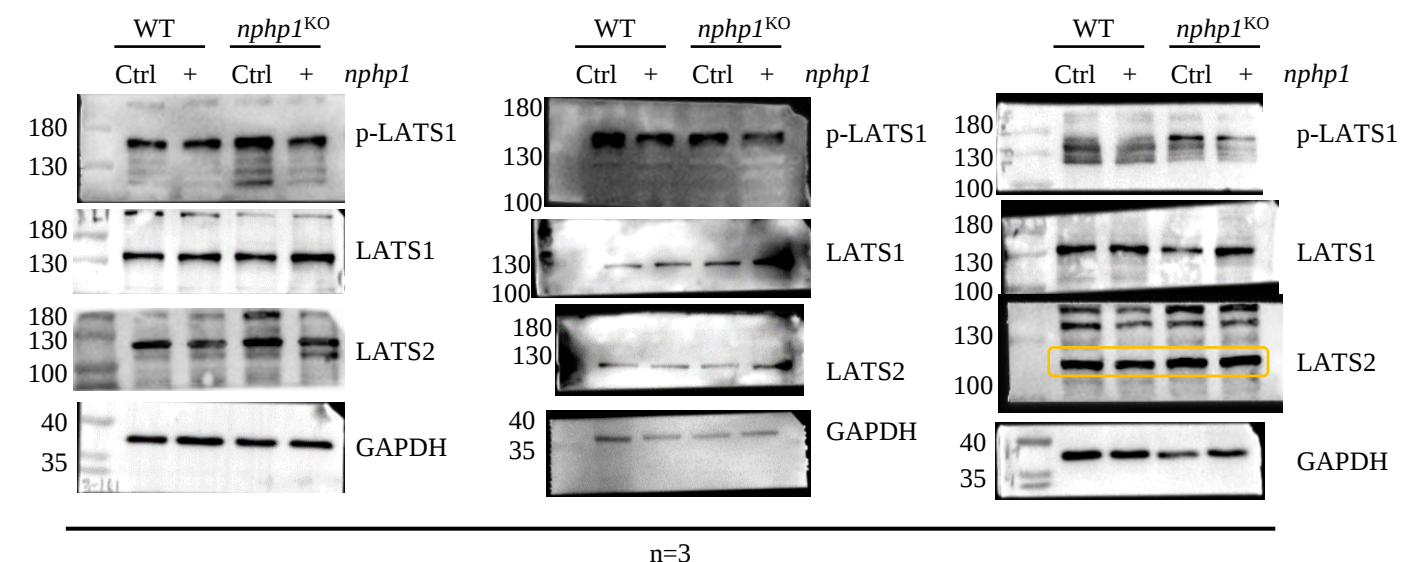


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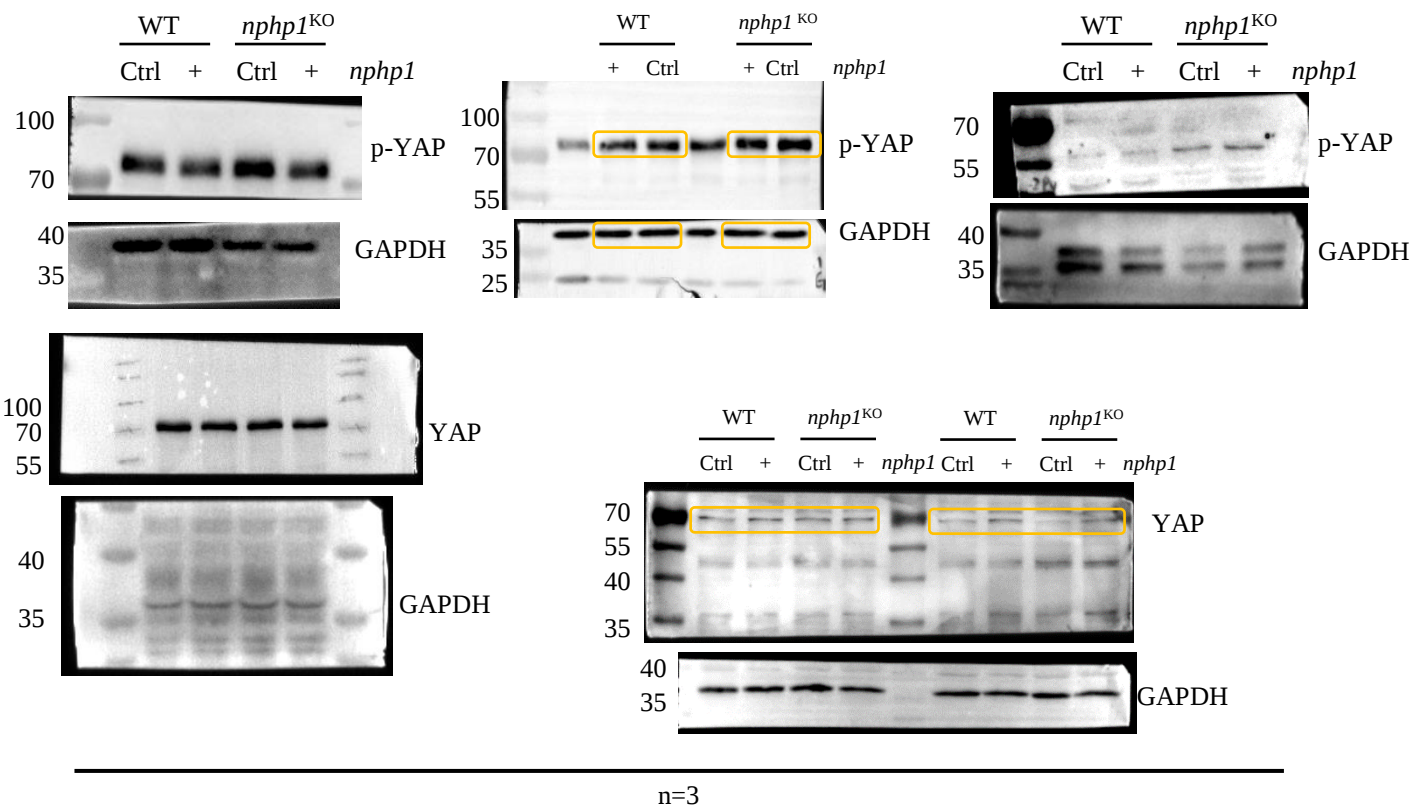


Figure 3A

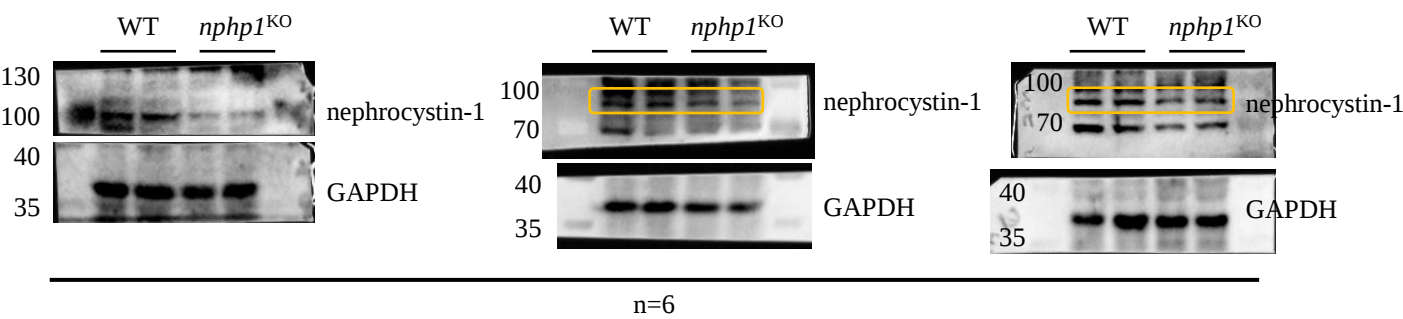


Figure 3C

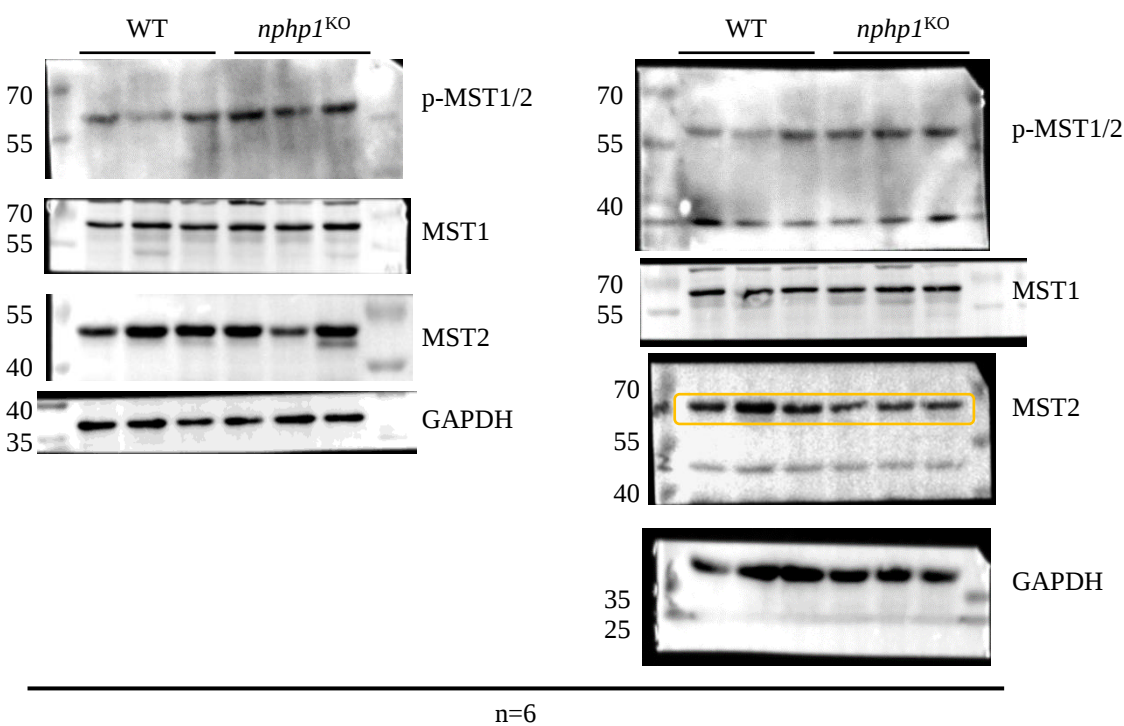


Figure 3D

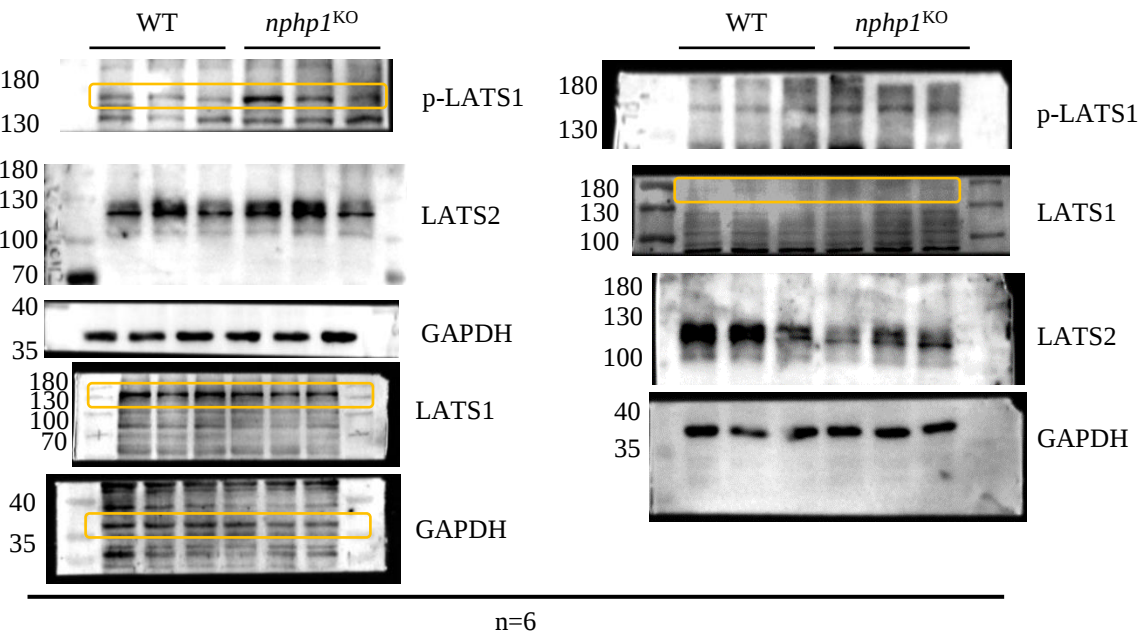


Figure 3E

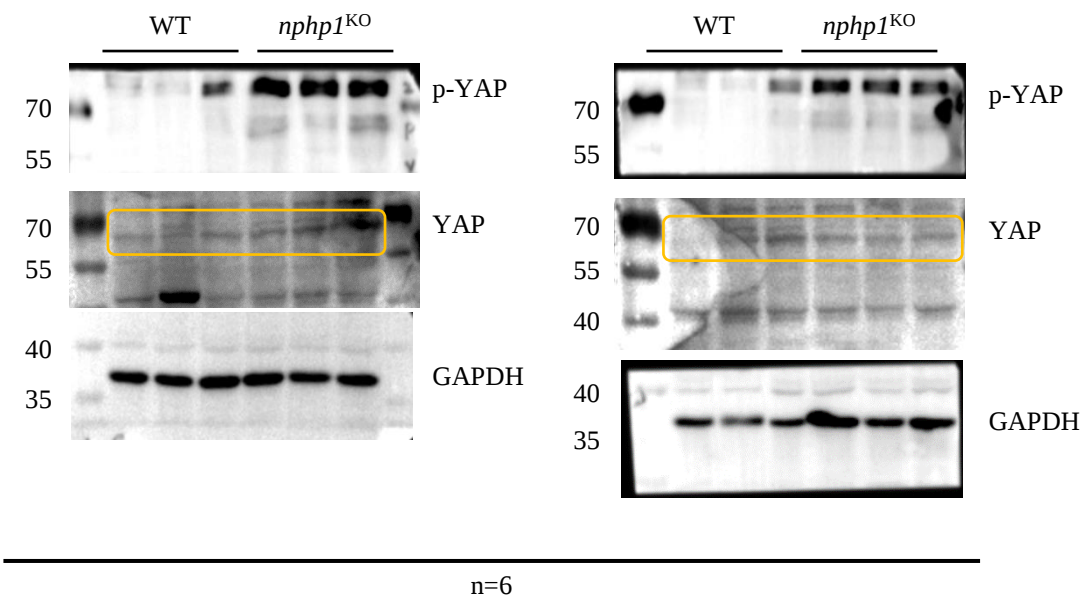


Figure 4B

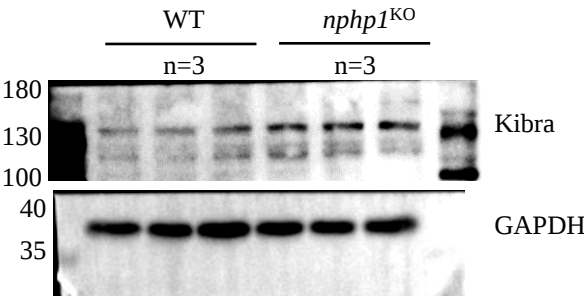


Figure 4D

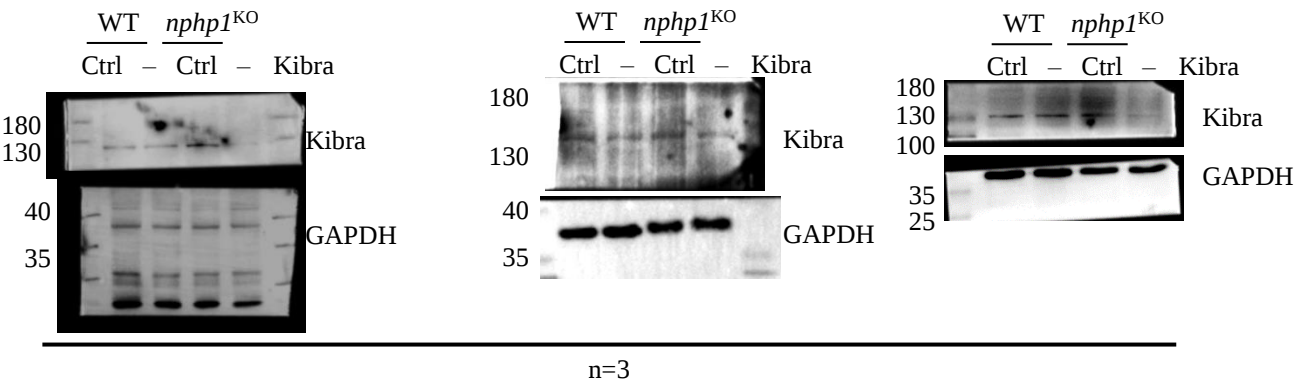


Figure 4E

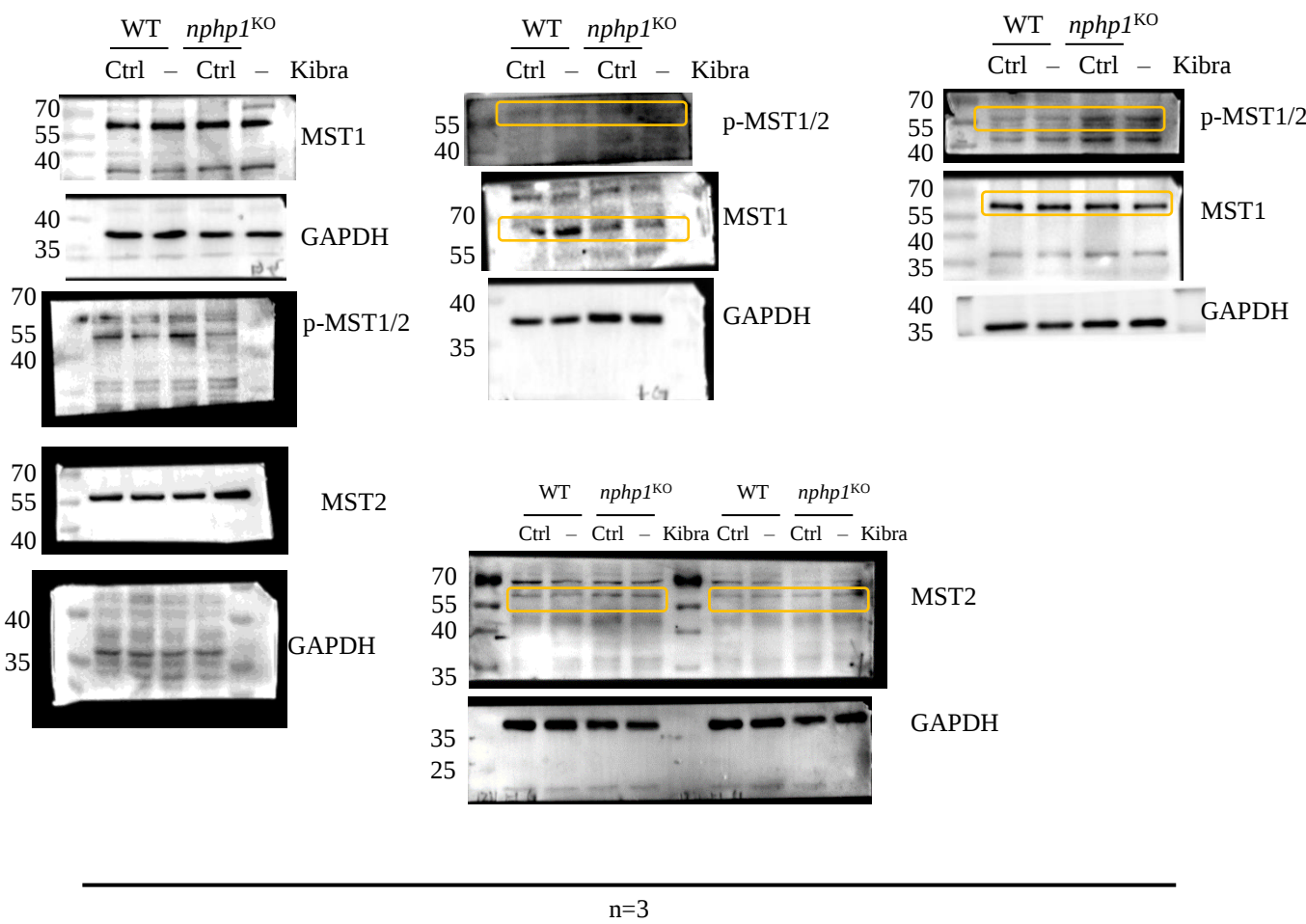


Figure 4F

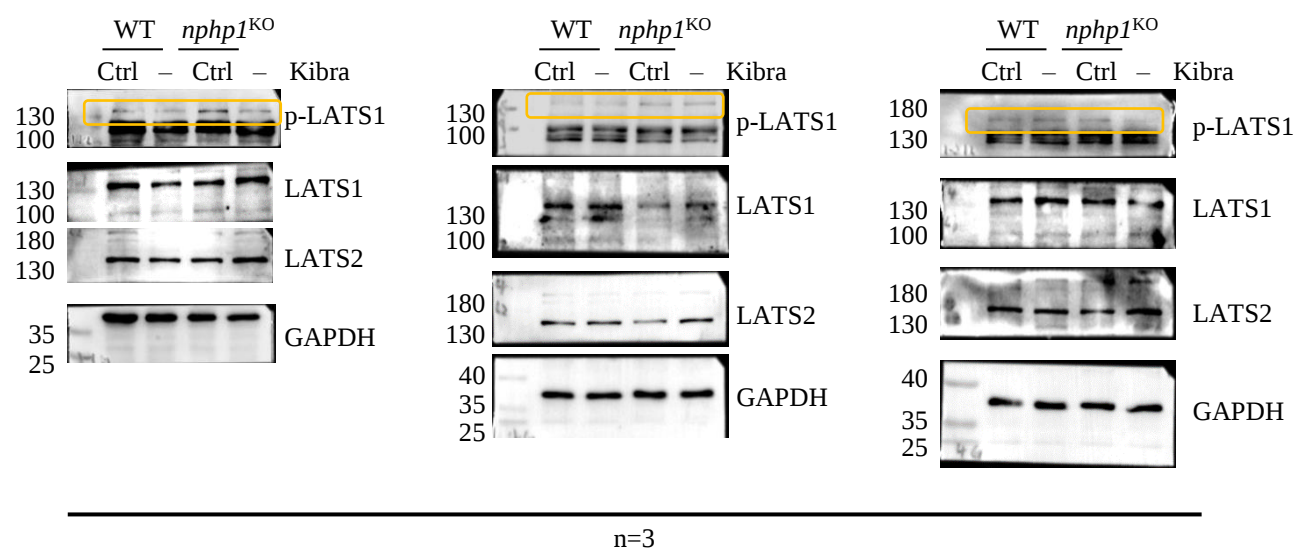


Figure 4G

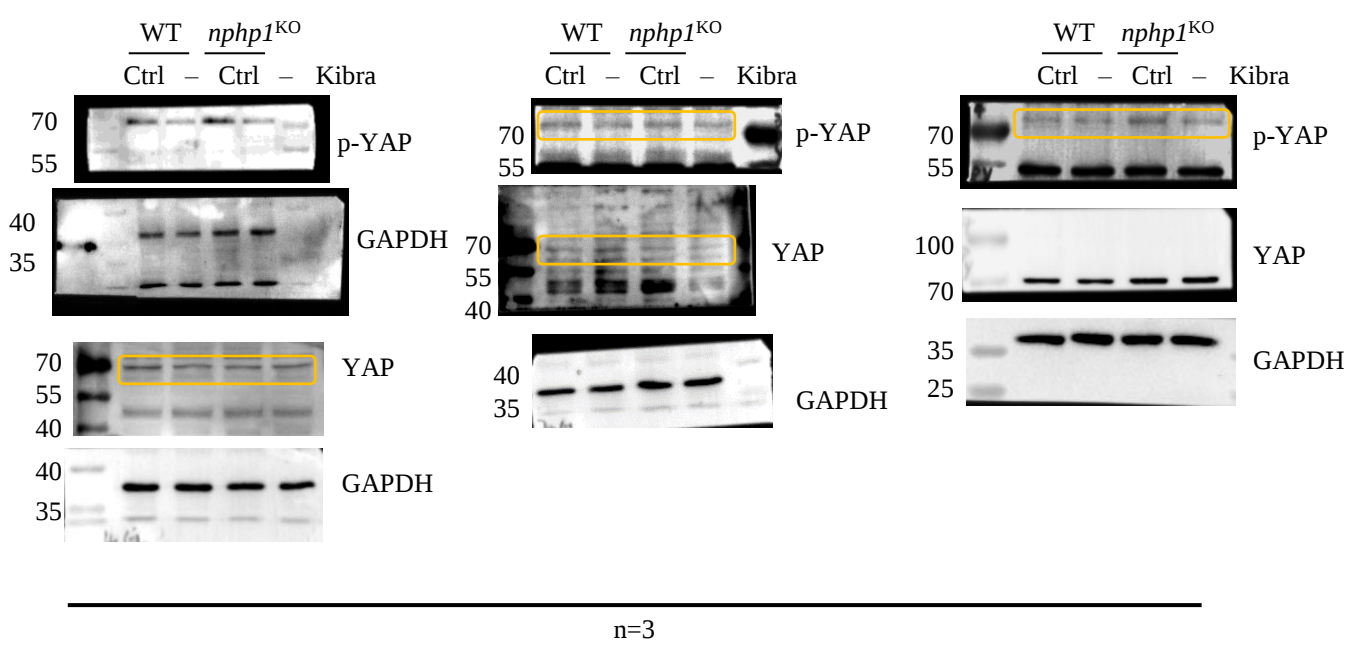


Figure 5D

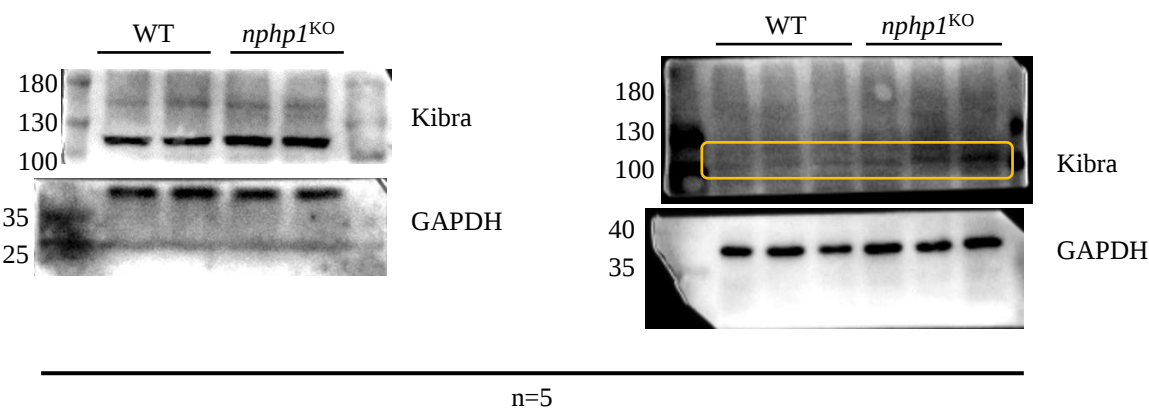
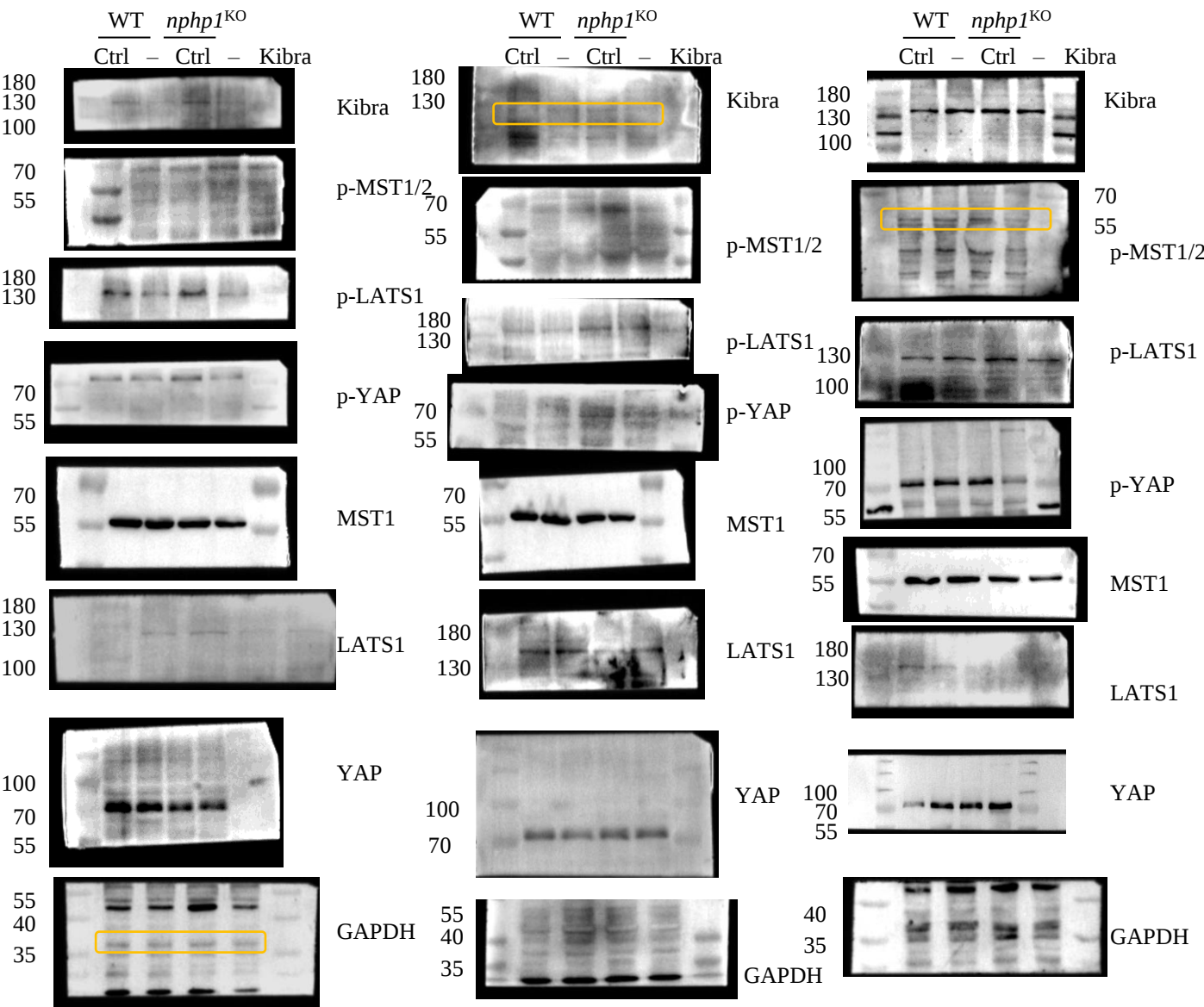


Figure 5F



n=3