

Supplementary Table 1. Cosinor analyses of circadian rhythms

	Significance	r ²	Acrophase	Mesor	Amplitude	Figure
Activin A:						
- Control	p<0.01	0.29	22:00	252pg/ml	134pg/ml	1b
- PNx LP	ns	-	-	-	-	1c
- PNx SP	ns	-	-	-	-	1d
- PNx HP	ns	-	-	-	-	1e
FGF23:						
- Control	p<0.05	0.06	13:00	799pg/ml	66pg/ml	3b
- PNx LP	ns	-	-	-	-	3c
- PNx SP	ns	-	-	-	-	3d
- PNx HP	p<0.05	0.07	09:00	3481pg/ml	568pg/ml	3e
PTH:						
- Control	p<0.0001	0.20	12:00	238pg/ml	147pg/ml	4b
- PNx LP	p<0.05	0.13	06:00	237pg/ml	165pg/ml	4c
- PNx SP	p<0.05	0.19	10:00	1885pg/ml	698pg/ml	4d
- PNx HP	ns	-	-	-	-	4e
Phosphate:						
- Control	p<0.0001	0.40	16:00	1.97mM	0.18mM	5b
- PNx LP	p<0.05	0.15	19:00	1.10mM	0.16mM	5c
- PNx SP	p=0.05	0.13	17:00	1.85mM	0.15mM	5d
- PNx HP	p<0.0001	0.13	00:00	2.70mM	0.25mM	5e
Klotho:						
- Control	ns	-	-	-	-	6c
- PNx HP	ns	-	-	-	-	6d

Cosinor analyses.

PNx: 5/6 partial nephrectomy. LP: Low phosphate diet. SP: Standard phosphate diet. HP: High phosphate diet.

Determination coefficient (r²), acrophase (rounded to nearest whole hour), Mesor (Midline Estimation Statistic of Rhythm), and amplitude are only presented in significant rhythms.

Circadian rhythm of activin A and related parameters of mineral metabolism in normal and uremic rats

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