

Supplementary Table 1. Effects of FGF21 supplement on renal function and hyperglycemia in DN mice

Parameter	Con	FGF21	DN	DN/FGF21
BW, g	23.57±2.12	20.67±1.98	32.13±1.74 ^a	27.67±1.66 ^{a,b}
KW/TL, mg/mm	23.6±2.02	22.78±1.87	43.27±3.26 ^a	34.62±3.33 ^{a,b}
UV, mL/day	1.34±0.36	1.30±0.22	8.52±1.98 ^a	5.01±1.21 ^{a,b}
UP, mg/day	46.35±3.89	41.87±4.18	153.86±5.98 ^a	98.68±4.19 ^{a,b}
sCr, mg/dL	0.24±0.06	0.21±0.03	0.63±0.07 ^a	0.41±0.06 ^{a,b}
mAlb, µg/day	6.53±1.28	6.33±2.12	187.65±5.75 ^a	89.32±6.11 ^{a,b}
uCr, mg/L	2.4±0.37	2.1±0.26	6.3±0.27 ^a	4.1±0.21 ^{a,b}
BUN, mg/dL	21.55±3.18	18.95±2.73	39.76±1.48 ^a	28.64±3.26 ^{a,b}
UACR, µg/mg	27.20±4.27	30.14±4.86	297.86±6.43 ^a	217.85±6.87 ^{a,b}
BG, mmol/L	5.64±1.03	5.14±0.77	29.42±1.55 ^a	25.89±1.28 ^{a,b}
HbA1c, %	5.12±0.55	4.98±0.28	11.25±0.68 ^a	9.21±0.38 ^{a,b}

Values are presented as mean ± standard deviation ($n=8$ /group).

FGF21, fibroblast growth factor 21; DN, diabetic nephropathy; Con, control; BW, body weight; KW, kidney weight; TL, tibia length; UV, urine volume; UP, urinary protein; sCr, serum creatinine; mAlb, micro albumin; uCr, urinary creatinine; BUN, blood urea nitrogen; UACR, urinary albumin/urinary creatinine; BG, blood glucose; HbA1c, glycosylated hemoglobin.

^a $P<0.05$ vs. the Con group, ^b $P<0.05$ vs. DN group.