**SUPPORTING TABLE**

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| **Table S1. Sex of squirrels used in each experiment** | | | |
| Experiment | Sample Type | Female | Male |
| FGF21 mRNA (Fig. 2A); βKlotho and FGFR1 mRNA (Fig. 3) | Various tissues | 4 | 2 |
| FGF21 mRNA in liver (Fig. 2B); βKlotho mRNA in liver and WAT (Fig. S1A-B) | AUG | 3 | 3 |
|  | TOR | 5 | 1 |
|  | IBA | 3 | 3 |
|  | MAR | 3 | 3 |
| FGF21 protein in serum (Fig. 2C) | AUG | 4 | 4 |
|  | TOR | 4 | 5 |
|  | IBA | 3 | 5 |
|  | MAR | 3 | 5 |
| April Fed Adenoviral Infusions (Fig. 5) | Control | 4 | 4 |
|  | FGF21 | 4 | 4 |
| April Fasted Adenoviral Infusions (Fig. 6) | Control | 3 | 5 |
|  | FGF21 | 5 | 3 |
| August Fasted Adenoviral Infusions (Fig. 7) | Control | 4 | 4 |
|  | FGF21 | 4 | 3 |
| October Fasted Adenoviral Infusions (Fig.8) | Control | 4 | 3 |
|  | FGF21 | 6 | 2 |