Supplementary Data

Kir6.2 primers:
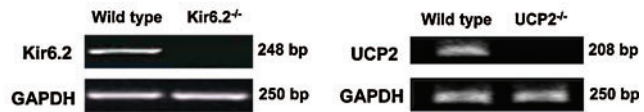
sense 5´- TAG GCC AAG CCA GTG TAG TG -3´,

antisense 5´- GTG GTG AAC ACA TCC TGC AG -3´;

UCP2 primers:

sense 5'- GAC TGC CTT GGG AAA AGC GCC T -3',

antisense 5'- CTC AGA AAG GTG CCT CCC GA -3'.

SUPPLEMENTARY FIG. S1. The expressions of Kir6.2 and UCP2 in the midbrain of wildtype, $Kir6.2^{-/-}$ and $Ucp2^{-/-}$ mice.