

Supplementary information, Table S9 List of primers used in the study

>18sRNA-F(qPCR)
GTAACCCGTTGAACCCCATTC
>18sRNA-R(qPCR)
GCCTCACTAAACCATCCAATC
>Tbx3-qPCR-F
TCCACCTCCAACAACACGTTC
>Tbx3-qPCR-R
CAAACCTGCTGCTATCCGGCACT
>Err α -qPCR-F
CCTGGTCCTAGATGAAGAGGG
>Err α -qPCR-R
CAGCTTCATACTCCAGCAGGG
>Ppara α -qPCR-F
AGCTTGTTGTGGATACAGGGC
>Ppara α -qPCR-R
CACTCGTACAGTCAGTTCAGT
>Ppar γ -qPCR-F
CTCAGCTGTTGCGCCAAGGTGC
>Ppar γ -qPCR-R
GTGCAATCAATAGAAGGAACA
>Pgc1 α -qPCR-F
GACCAGTGAACCTAAGGGATGG
>Pgc1 α -qPCR-R
GTAAAGGAAGAGCAAGAAGG
>Nkx2.5(3'UTR)-qPCR-F
CCGGAACGACTCCCACCTTTA
>Nkx2.5(3'UTR)-qPCR-R
GTCGAAAGTGCCCGTGACCCT

> Gata4(3'UTR)-qPCR-F

GGGACAGTCATGATAGCAGCT

> Gata4(3'UTR)-qPCR-R

TCTTGGTTCGAAGCTATTCTCT

>Tbx5(3'UTR)-qPCR-F

TGGTACTCAAAACTGTGTTTGT

>Tbx5(3'UTR)-qPCR-R

TTCCACGTTCTCAGCCACATA

>Kcnj2-qPCR-F

CTCCTTATCACCCCTGTTCAATG

>Kcnj2-qPCR-R

TACAAAACAGATGGCAAATGGG

>Scn5a-qPCR-F

CTTAAGACAGGTGCCGGGCTGG

>Scn5a-qPCR-R

CACGAAGCTTAGTGAGAAGTGC

>Cav1.2-qPCR-F

GGTTGTGAGTTGTGTCAGCATT

>Cav1.2-qPCR-R

AAGTCATTGTATTTGCTTGGCAC

>Nppa-qPCR-F

GGCCGTGACAAGCTTTGCCGA

>Nppa-qPCR-R

GCCAGCATCTCCCGTTTTTATA

>Serca2a-qPCR-F

CTTGTCTGAAAACCAGTCTTT

> Serca2a-qPCR-R

CCACAAACTTGAGCGTCTCAT

>Tbx3-ChIP-qPCR-F

AGGTGGCTGGGCGGTTCCATG

>Tbx3-ChIP-qPCR-R

GCTTCTCTTGTGCGGATCTGC

>Nkx2.5-ChIP-qPCR-F

AGTGTGTCTGGCTGGGATTTT

>Nkx2.5-ChIP-qPCR-R

TTCTGCGTCACCTAATATAGAC

>Gata4-ChIP-qPCR-F

TTGCAGTCTCCACCGGCTCGT

>Gata4-ChIP-qPCR-R

GAGAAGGTGACCTCGCACACT

>Tbx5-ChIP-qPCR-F

TAAGGCACCTTCTCCCCAAG

>Tbx5-ChIP-qPCR-R

CACACACCCATGGGCCTCTGC

>Hcn4-ChIP-qPCR-F

AACCCACATCGAATTGCTCCG

>Hcn4-ChIP-qPCR-R

AGTCACAGATGCGGGATCCCAG

>Sox1-ChIP-qPCR-F

GAGCTGGGTCTCCAATGAGCGC

>Sox1-ChIP-qPCR-R

AACCCAGAGCTCGCCCCCTT

>Tbx3-Genotyping-F

AATAGTAGATTCTCTTAGAGGAGG

>Tbx3-Genotyping-R

AAATTTATATCGACAGTCGTCAGC
