

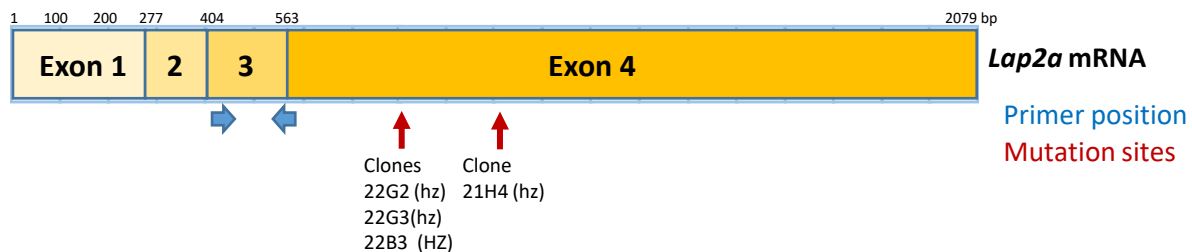
# **LAP2 isoform profile in heart ageing and in cardiac cell proliferation and differentiation: input from CRISPR-Cas9-mediated LAP2a knockdown in H9C2**

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## **Supplementary Data S2**

### ***Lap2a* mRNA levels in H9C2 cells :**

primers for RT-qPCR were designed upstream of the position of the KO mutations introduced by CRISPR-Cas9



**Supplementary Data S2.** Schematic diagram of the *Lap2a* mRNA sequence, showing domains corresponding to exons 1 to 4 (NM\_001395714.1), and highlighting the position of the primers used for the RT-qPCR experiments (blue arrows), and the position of the mutations triggered by CRISPR-Cas9 for the H9C2 clones of interest (red arrows). Clones with either heterozygote or homozygote mutations are indicated by the abbreviations hz and HZ, respectively.

**Rattus norvegicus thymopoietin (Tmpt), transcript variant 1, mRNA**

NCBI Reference Sequence: NM\_001395714.1