

SUPPLEMENTAL MATERIAL

See Separate Excel File (.xlsx)

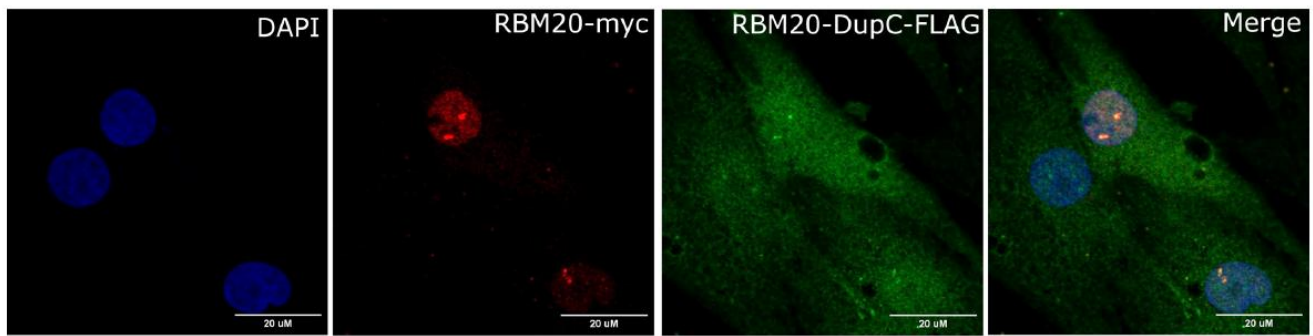
Table S1. List of oligos used for introducing c.1222DupC to hiPSCs and oligos used for cloning and SDM of RBM20.

Table S2. List of primers used for RT-PCR and qPCR.

Table S3. List of differentially expressed genes in DupC (+/-) vs WT.

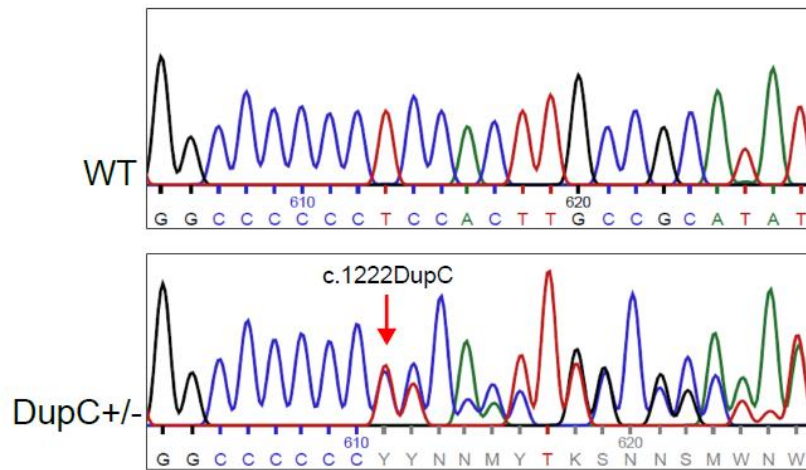
Table S4. List of the enriched categories obtained after GSEA (Cellular component, Biological process, Molecular function).

Table S5. List of alternative splicing events in DupC (+/-) vs WT.



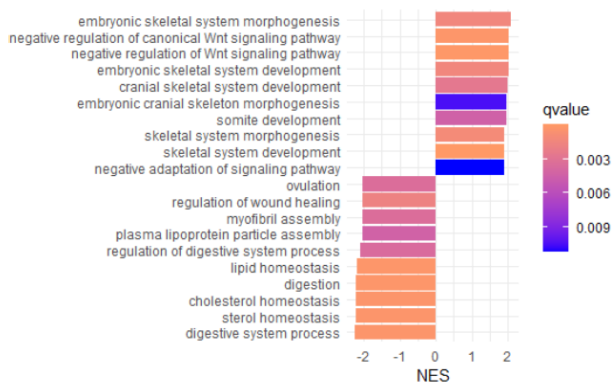
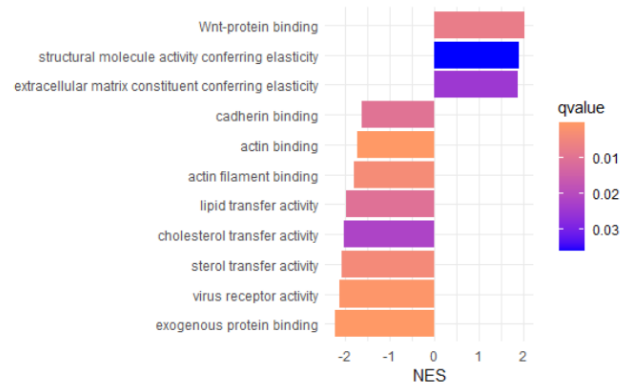
Supplemental Figure 1 – RBM20-DupC partially colocalizes with the full length RBM20.

Immunofluorescence of NRCMs transfected with human Myc-tagged RBM20 and FLAG-hRBM20-DupC. FLAG is stained in green, Myc in red, and DAPI in blue. Scale bar is 20 μm.



Supplemental Figure 2 – Sanger Sequencing of wildtype and mutant *RBM20* transcript in *RBM20* c.1222DupC hiPSC-CM.

Chromatogram depicting the sequence of transcripts produced from WT and DupC hiPSC-CM.

A**GSEA: Biological Process****B****GSEA: Molecular Function****Supplemental Figure 3 – Transcriptomic analysis on *RBM20* c.1222DupC hiPSC-CM.**

(A) Gene set enrichment analysis (Biological Process) of the DEGs of DupC (+/-) hiPSC-CM. **(B)** Gene set enrichment analysis (Molecular Function) of the DEGs of DupC (+/-) hiPSC-CM.