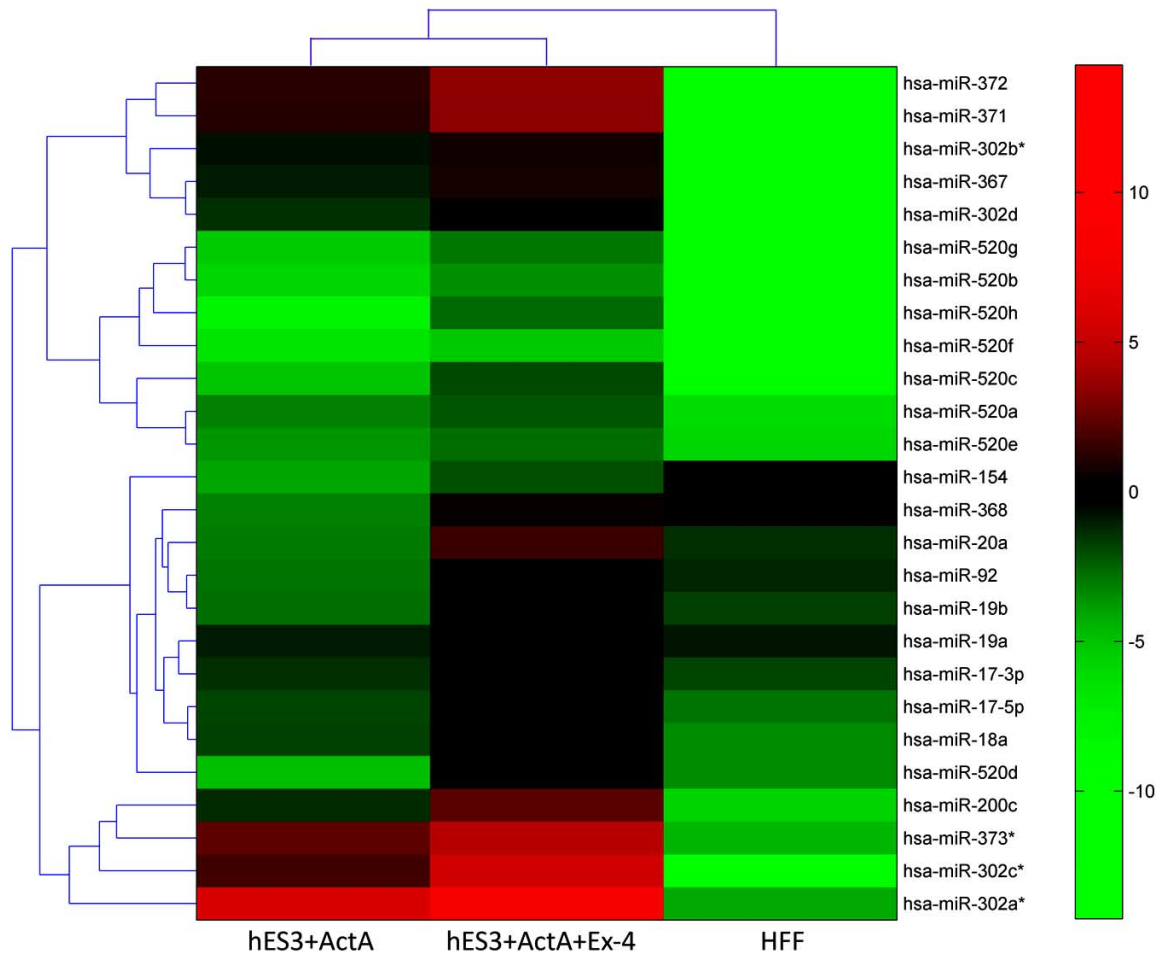
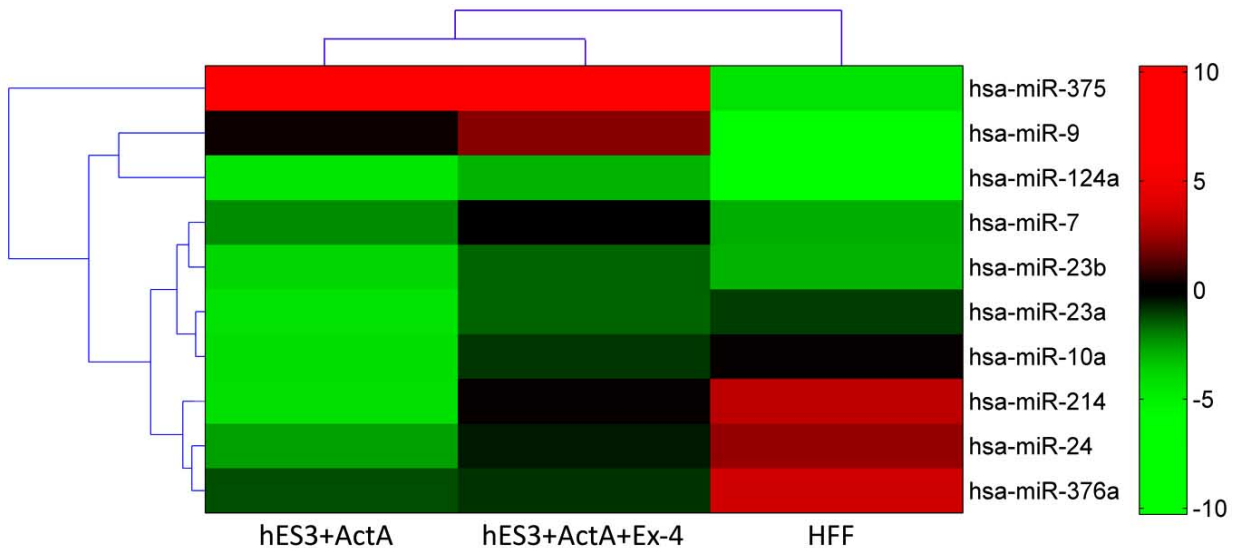


SUPPLEMENTARY MATERIAL



Supplementary Fig. (S1). Hierarchical clustering of pluripotency-associated miRNA expression of activin A-treated cells (hES3 + ActA), activin A/Ex-4-treated cells (hES3 + ActA + Ex-4) and human fetal fibroblasts (HFF). Scale bar represents colour code for log₂ fold-change values of different miRNAs obtained by qPCR as compared with the undifferentiated hES3 cells (N = 3 technical replicates).



Supplementary Fig. (S2). Hierarchical clustering of endoderm/pancreas-associated miRNA expression of activin A-treated cells (hES3 + ActA), activin A/Ex-4-treated cells (hES3 + ActA + Ex-4) and human fetal fibroblasts (HFF). Scale bar represents colour code for log₂ fold-change values of different miRNAs obtained by qPCR as compared to undifferentiated hES3 cells (N = 3 technical replicates).