

## Supplementary Information

**Table S1.** Pearson's correlational co-efficients of cytosolic associated miRNA fold changes in expression against mRNA/Protein fold changes in expression for the corresponding gene of interest in placebo and rhGH treated groups.

Cytosolic miRNA		Placebo	GH
miR-181a	Bcl-2 mRNA	0.411 ( $p = 0.080$ )	0.402 ( $p = 0.088$ )
	Bcl-2 Protein	-0.108 ( $p = 0.650$ )	-0.217 ( $p = 0.372$ )
miR-125b	Bak mRNA	0.345 ( $p = 0.137$ )	-0.115 ( $p = 0.638$ )
	Bak Protein	0.162 ( $p = 0.495$ )	0.052 ( $p = 0.834$ )

**Table S2.** Pearson's correlational co-efficients of mitochondrial associated miRNA fold changes in expression against mRNA/Protein fold changes in expression for the corresponding gene of interest in placebo and rhGH treated groups.

Mitochondrial miRNA		Placebo	GH
miR-181a	Bcl-2 mRNA	-0.198 ( $p = 0.480$ )	0.369 ( $p = 0.131$ )
	Bcl-2 Protein	-0.155 ( $p = 0.567$ )	-0.313 ( $p = 0.207$ )
miR-125b	Bak mRNA	-0.079 ( $p = 0.741$ )	0.374 ( $p = 0.127$ )
	Bak Protein	-0.220 ( $p = 0.351$ )	-0.167 ( $p = 0.508$ )