

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 ($p = 0.508$)