

Table S1. Primers for qRT-PCR.

Target mRNA	Sequence (5'-3')
Enolase -F	TGATCTCACCAGTTCTAAGACCG
Enolase -R	CGGTATCTGAAGCAATTCAAGCA
Hexokinase -F	TGGAACAAATGCTTGCTACATGG
Hexokinase -R	AGCTCTTCTTGAAACGCATTAC
Triosephosphate Isomerase -F	CCCTTCCTGCTACCTGACTTATG
Triosephosphate Isomerase -R	CAAAAATGGTCCTCCTTTCTGGG
GTP Phosphoenolpyruvate Carboxykinase 1-F	TAGTGTATTGGGGCAATGGTTCA
GTP Phosphoenolpyruvate Carboxykinase 1-R	GACCAAAGGTACGACAGTTTGTG
GTP Phosphoenolpyruvate Carboxykinase 2-F	TTAACATCATGCAGAAGGCTGGA
GTP Phosphoenolpyruvate Carboxykinase 2-R	AGATCATCAGGTGACATCCACTT
L-Lactate Dehydrogenase -F	CTCGTTTCAGATTCCACTTGTCC
L-Lactate Dehydrogenase -R	TTGTGCATCTCGTTGTACTTGTG
GTP Phosphoenolpyruvate Carboxykinase 3-F	GAGACACCAACTGGACTAAGGAG
GTP Phosphoenolpyruvate Carboxykinase 3-R	CCGAAGTTGTAACCGAAGAATGG
GTP Phosphoenolpyruvate Carboxykinase 4-F	AAGAACCTGGATAAACGTGTGGA
GTP Phosphoenolpyruvate Carboxykinase 4-R	CCTATACATCAGGGTTGCAGTGA
Signal Transduction-Related Protein -F	AAACGACAGATAAGCTACCGGAT
Signal Transduction-Related Protein -R	ACATGGAACGTGAAGAGAAGTGA
Arginase -F	GGAGCGAATAAAACGCTGGAAAT
Arginase -R	GAAGCAATTATGTGTCGCTCGTT
Delta-1-Pyrroline-5-Carboxylate Synthase-Like -F	GAAGATGAAGAGACAGCAGACCA
Delta-1-Pyrroline-5-Carboxylate Synthase-Like -R	AAAATCAGACGCTACTCCACAGT
Wnt5-F	TCATGTGAAAAGGGCTACAGACA
Wnt5-R	GAAGGTGAAGTCTGCTCTTCTGA

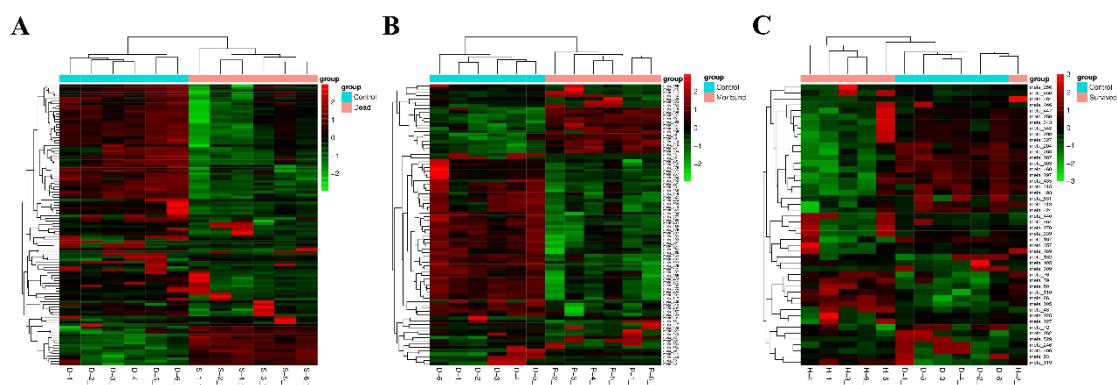


Figure S1. Cluster analysis of three comparisons between control and dead group (A), control and moribund group (B) and control and survived group (C).