

Canonical Pathway	FE training	HE training	FE vs HE	FE vs YO	HE vs YO
Oxidative Phosphorylation			Dark Green	Light Green	
Mitochondrial Dysfunction			Dark Green	Light Green	
Hepatic Fibrosis / Hepatic Stellate Cell Activation	Light Green	Light Green			
Glycolysis I	Light Green	Light Green	Light Green	Light Green	Light Green
Granulocyte Adhesion and Diapedesis	Light Green	Light Green	Light Green		
Agranulocyte Adhesion and Diapedesis	Light Green	Light Green	Light Green		
G Protein Signaling Mediated by Tubby	Light Green	Light Green		Light Green	Light Green
Gluconeogenesis I	Light Green		Light Green	Light Green	Light Green
TCA Cycle II (Eukaryotic)			Light Green		
Intrinsic Prothrombin Activation Pathway	Light Green	Light Green		Light Green	Light Green
Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis	Light Green	Light Green		Light Green	
CCR5 Signaling in Macrophages	Light Green	Light Green		Light Green	Light Green
Leukocyte Extravasation Signaling	Light Green	Light Green	Light Green		
Sphingosine-1-phosphate Signaling	Light Green	Light Green		Light Green	Light Green
Aspartate Degradation II			Light Green	Light Green	Light Green
Glutamate Receptor Signaling	Light Green	Light Green			
Tec Kinase Signaling	Light Green	Light Green			
Inhibition of Matrix Metalloproteases	Light Green	Light Green			
Human Embryonic Stem Cell Pluripotency	Light Green	Light Green	Light Green	Light Green	Light Green
Allograft Rejection Signaling	Light Green	Light Green			
Aldosterone Signaling in Epithelial Cells	Light Green		Light Green	Light Green	Light Green
Calcium Signaling	Light Green			Light Green	
OX40 Signaling Pathway	Light Green	Light Green			
Type I Diabetes Mellitus Signaling	Light Green	Light Green			
Acetyl-CoA Biosynthesis I (Pyruvate Dehydrogenase Complex)			Light Green	Light Green	Light Green
Gustation Pathway	Light Green	Light Green		Light Green	
Regulation of the Epithelial-Mesenchymal Transition Pathway	Light Green	Light Green		Light Green	
Glutamate Degradation II			Light Green	Light Green	Light Green
L-cysteine Degradation I			Light Green	Light Green	Light Green
Aspartate Biosynthesis			Light Green	Light Green	Light Green
Oxidative Ethanol Degradation III	Light Green	Light Green			
Communication between Innate and Adaptive Immune Cells	Light Green	Light Green			
Axonal Guidance Signaling	Light Green	Light Green			
Tryptophan Degradation X (Mammalian, via Tryptamine)	Light Green	Light Green			
Superpathway of Melatonin Degradation	Light Green	Light Green			
Dopamine Degradation	Light Green	Light Green			
Thioredoxin Pathway	Light Green	Light Green		Light Green	Light Green
Melatonin Degradation II	Light Green	Light Green			
IL-8 Signaling	Light Green	Light Green			
Ethanol Degradation IV	Light Green	Light Green			