Supplementary Table 7. Stepwise regression and associated statistics. Stepwise regression using six principal components (two for each pathway: glucose utilization, oxidiative phosphorylation, and TCA). 1st refers to the first step, 2nd and 3rd to the second and third step respectively. Lack of entry in second and third step indicates that there was no significant PC to enter (F = 4.0). r^2 is the r–squared or percent of variation explained. p is the significance of equation cumulatively for each step.

Glucose	1st	r^2	Fvalue	p	2nd	r^2	Fvalue	p	3rd	r^2	Fvalue	p
All	PC2_Gly	30%	5.90	0.029								
Group1	PC1_Gly	81%	12.67	0.038								
Group2	PC1_OXP	65%	5.51	0.100								
Group3	PC1_OXP	70%	9.46	0.037								
FA												
All	_none		0.00									
Group1	PC1_TCA	64%	5.43	0.100	PC1GLY	98%	38.22	0.026				
Group2	PC2_OXP	58%	4.17	0.134	PC2_GLY	87%	6.45	0.134	PC2_TCA	100%	200.3	0.042
Group3	PC2_GLY	75%	11.84	0.026								
LKA												
All	PC1_GLY	34%	7.09	0.019								
Group1	PC2_OXP	80%	11.62	0.042								
Group2	PC1_GLY	78%	10.64	0.047	PC2_GLY	100%	792.1	0.001				
Group3	PC2_GLY	61%	6.16	0.068								