

Table S7. Biological process gene ontology (GO) terms that were up-regulated in bees fed pollen in Alaux *et al.* (2011), Ament *et al.* (2011), and the present study.

BP GO term	description
GO:0006099	tricarboxylic acid cycle
GO:0006119	oxidative phosphorylation
GO:0006413	translational initiation
GO:0006520	cellular amino acid metabolic process
GO:0006626	protein targeting to mitochondrion
GO:0006629	lipid metabolic process
GO:0006631	fatty acid metabolic process
GO:0006635	fatty acid beta-oxidation
GO:0006807	nitrogen compound metabolic process
GO:0007005	mitochondrion organization
GO:0008152	metabolic process
GO:0009058	biosynthetic process
GO:0009156	ribonucleoside monophosphate biosynthetic process
GO:0009165	nucleotide biosynthetic process
GO:0015986	ATP synthesis coupled proton transport
GO:0015992	proton transport
GO:0044237	cellular metabolic process
GO:0045454	cell redox homeostasis
GO:0046034	ATP metabolic process