

Supplementary Material S4. List of 20 Gene Ontology terms of the biological process category enriched (p-value < 0.05) for the set of upregulated transcripts in digestive gland tissue.

UPREGULATED

term description	term number
vesicle-mediated transport	GO:0016192
maintenance of protein localization in endoplasmic reticulum	GO:0035437
cellular response to glucose starvation	GO:0042149
cellular modified amino acid metabolic process	GO:0006575
ER overload response	GO:0006983
activation of signaling protein activity involved in unfolded protein response	GO:0006987
cerebellum structural organization	GO:0021589
regulation of cell migration	GO:0030334
negative regulation of cellular response to growth factor stimulus	GO:0090288
endosomal transport	GO:0016197
pteridine-containing compound metabolic process	GO:0042558
secretion by cell	GO:0032940
coenzyme metabolic process	GO:0006732
regulation of actin filament polymerization	GO:0030833
cerebellar Purkinje cell layer development	GO:0021680
cellular response to interleukin-4	GO:0071353
regulation of protein ubiquitination	GO:0031396
negative regulation of protein	GO:0032272
aminoglycan metabolic process	GO:0006022
regulation of lipid metabolic process	GO:0019216

DOWNREGULATED

term description	term number
DNA metabolic process	GO:0006259
ribonucleoprotein complex biogenesis	GO:0022613
mRNA processing	GO:0006397
cilium morphogenesis	GO:0060271
transcription from RNA polymerase II promoter	GO:0006366
mitochondrial ATP synthesis coupled electron transport	GO:0042775
mitotic nuclear division	GO:0007067
inorganic cation transmembrane transport	GO:0098662
chromosome organization	GO:0051276
microtubule-based movement	GO:0007018
cilium organization	GO:0044782

positive regulation of ubiquitin-protein transferase activity	GO:0051443
sodium ion transport	GO:0006814
anaphase-promoting complex-dependent proteasomal ubiquitin-dependent protein catabolic process	GO:0031145
G1/S transition of mitotic cell cycle	GO:0000082
mitotic S phase	GO:0000084
chromatin remodeling	GO:0006338
regulation of multi-organism process	GO:0043900
cilium or flagellum-dependent cell motility	GO:0001539
histone acetylation	GO:0016573
