

**Table 3. Gene Ontology (GO) for genes used in final analyses**

Biological process or biochemical function	Count*
Physiological process	99
Cellular physiological process	91
Establishment of localization	37
Biopolymer metabolism	33
Catabolism	29
Macromolecule catabolism	29
Cellular catabolism	28
Cellular protein catabolism	28
Proteolysis and peptidolysis	28
Cellular macromolecule catabolism	28
Hydrolase activity	43
Transporter activity	36
Peptidase activity	28
Oxidoreductase activity	13
Carrier activity	12
Serine-type peptidase activity	12
Coenzyme binding	11
Electrochemical potential-driven transporter activity	11
Cofactor binding	11
Porter activity	11

\*Top 10 counts are reported.