

CORRECTION

# Correction: Transcriptome Analysis of *Bombyx mori* Larval Midgut during Persistent and Pathogenic Cytoplasmic Polyhedrosis Virus Infection

The *PLOS ONE* Staff

[Table 3](#) is incorrect. The publisher apologizes for this error. Please see the corrected [Table 3](#) here.



## OPEN ACCESS

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Table 3.

Genes	SH (p50) <sup>[17]</sup>	MA (p50) <sup>[18]</sup>	DS (4008) <sup>[15]</sup>	DS (4008) <sup>[16]</sup>	DS (p50) <sup>[16]</sup>	DS (Daizo) our study
<b>digestive enzymes (proteases, lipases, nucleases)</b>						
<i>Acidic lipase</i>			↓			
<i>Alkaline nuclease</i>	↑					
<i>Chymotrypsin-like</i>			↓		↓	
<i>Hemocyte protease-2</i>		↑				
<i>Insect intestinal lipase-6</i>					↓	
<i>Lipase-1</i>		↑	↓		↓	
<i>Pancreatic lipase-like</i>					↑	
<i>Serine protease</i>	↓					
<i>Trypsin-like</i>	↓					↓
<i>Zinc carboxypeptidase A1</i>						↓
<b>detoxification/metabolism</b>						
<i>Antennal esterase CXE14</i>			↓			
<i>Aquaporin</i>				↑		
<i>Cytochrome P450</i>		↑				
<i>Dicarbonyl/L-xylulose reductase</i>						↓
<i>Esterase FE4</i>						↓
<i>Farnesyl diphosphate synthase</i>				↑		
<i>Fatty acid binding protein</i>			↓			
<i>Similar to carboxylesterase</i>		↓				
<i>Sugar transporter</i>			↓			
<i>Putative galactose UDP 4-epimerase</i>			↑			
<b>stress response</b>						
<i>eIF-4E-1</i>						↑
<i>HSP 20.8</i>						↑
<i>HSP 23.7</i>		↑				
<i>HSP25.4</i>						↑
<b>signaling</b>						
<i>Calreticulin</i>			↑			
<i>Coiled-coil &amp; C2 domain-containing 2A</i>					↑	
<i>Ecdysteroid-22 kinase</i>				↑		
<i>Farnesoic acid O-methyltransferase</i>			↑			
<i>FK506-binding protein precursor</i>			↑			
<i>GTP:AMP phosphotransferase</i>		↓				
<i>GTP-binding protein RAB2</i>				↑		
<i>Inorganic phosphate transporter 1</i>			↓			
<i>Juvenile hormone diol kinase</i>		↑			↑	
<i>Neuropeptide-like 4E (NPLP4E)</i>						↓
<i>Palmitoyl transferase (P260)</i>				↓	↓	
<i>Protein kinase C inhibitor</i>			↑			
<i>Troponin-C</i>					↑	
<b>immune response</b>						
<i>Antitrypsin precursor</i>		↓				
<i>Insulin-binding protein 2</i>		↑			↑	↑
<i>Peptidoglycan recognition protein LB-like</i>						↑
<i>Serpin-5</i>		↑				

(Continued)

Table 3. (Continued)

Genes	SH (p50) [17]	MA (p50) [18]	DS (4008) [15]	DS (4008) [16]	DS (p50) [16]	DS (Daizo) our study
<i>Serpin-28</i>				↑		
<i>Thioredoxin-like</i>				↑		
<i>Tumor necrosis factor 13 (TNFSF13)</i>				↑		
<b>RNAi</b>						
<i>Argonaute-2</i>						↑
<i>Dicer-2</i>						↑
<b>apoptosis</b>						
<i>Carboxypeptidase B</i>						↑
<i>Caspase-8</i>						↑
<i>Inhibitor-of-apoptosis</i>	↓					
<i>Programmed cell death protein 5</i>			↑			
<i>Putative apoptosis inhibitor 5</i>				↓		
<i>30K protein 26</i>					↓	
<b>ubiquitin-proteasome</b>						
<i>Goliath E3 ubiquitin ligase</i>				↑		
<i>Ubiquitin-conjugating enzyme E2 J1-like</i>				↑		
<b>midgut remodeling—cuticle</b>						
<i>CPH43</i>						↑
<i>Urbain precursor</i>				↑		
<i>37 kDa protease precursor</i>				↑		
<b>iron metabolism</b>						
<i>Ferritin</i>	↑					
<i>Transferrin</i>				↑	↑	
<b>ribosomal proteins</b>						
<i>L11</i>	↑					
<i>P0</i>		↑				
<b>unknown</b>						
<i>LOC101735726</i>						↓
<i>Protein KGM_04122</i>					↓	
<i>Protein KGM16290</i>					↓	
<i>Similar to CG10527</i>					↑	
<i>Similar to CG8927</i>				↑		
<i>Unknown secreted protein</i>			↑			
<i>30 kDa protein</i>					↑	

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## Reference

1. Koliopoulou A, Van Nieuwerburgh F, Stravopodis DJ, Deforce D, Swevers L, Smagghe G (2015) Transcriptome Analysis of *Bombyx mori* Larval Midgut during Persistent and Pathogenic Cytoplasmic Polyhedrosis Virus Infection. PLoS ONE 10(3): e0121447. doi:10.1371/journal.pone.0121447 PMID: 25816294