

**Supplementary Table S1.** List of *Ae. albopictus* differentially expressed transcripts (>10 fold change) post-infection with LamV. Bold numbers have p-adjust value  $\leq 0.01$ .

Transcript ID	Gene description	fold change 24 hpi with LamV	fold change 48 hpi with LamV	Fold change 72 hpi with LamV
AALF020879	Unspecified product	<b>12,61</b>	<b>7,6</b>	2,44
AALF012914	Unspecified product	<b>11,92</b>	<b>7,94</b>	3,77
AALF005471	40S ribosomal protein S21	<b>11,38</b>	<b>13,49</b>	<b>7,08</b>
AALF002626	40S ribosomal protein S21	<b>10,94</b>	<b>8</b>	<b>8,62</b>
AALF017826	COX6C domain-containing protein	<b>10,08</b>	<b>12,89</b>	4,54
AALF005278	Unspecified product	11,77	<b>241938955</b>	29,56
AALF010569	J domain-containing protein	26,5	<b>5787,58</b>	1229,88
AALF004571	DUF3456 domain-containing protein	2,34	<b>55,17</b>	<b>85,91</b>
AALF010775	CHCH domain-containing protein	-1,71	<b>49,97</b>	<b>70,98</b>
AALF003990	Mannosyltransferase	3,09	<b>34,71</b>	<b>42,1</b>
AALF005663	Lethal(2)essential for life protein	2,76	<b>23,89</b>	<b>17,34</b>
AALF006960	Derlin	3,09	<b>22,59</b>	<b>14,45</b>
AALF011414	Unspecified product	4,1	<b>22,33</b>	<b>30,57</b>
AALF021835	BiP/GRP78	1,13	<b>21,95</b>	<b>18,06</b>
AALF006247	Putative microsomal signal peptidase 25 kDa subunit	1,69	<b>19,29</b>	<b>17,61</b>
AALF004828	Putative secreted protein	1,57	<b>19,05</b>	6,27
AALF025486	Unspecified product	1,19	<b>18,49</b>	<b>30,07</b>
AALF013670	Unspecified product	4,23	<b>18,26</b>	<b>13,38</b>
AALF014036	DUF4536 domain-containing protein	4,54	<b>18,014</b>	11,57
AALF002158	Unspecified product	7,68	<b>17,49</b>	4,19
AALF005738	Unspecified product	1,73	<b>16,85</b>	<b>30,78</b>
AALF010933	Unspecified product	3,68	<b>16,29</b>	2,56
AALF003192	Signal peptidase complex subunit 3	2,28	<b>15,78</b>	<b>12,19</b>
AALF021815	Sulfhydryl oxidase	3,06	<b>14,91</b>	<b>26,66</b>
AALF009959	UDP-galactose transporter	1,91	<b>14,32</b>	5,33
AALF002306	Unspecified product	2,44	<b>14,27</b>	<b>10,24</b>
AALF020693	Unspecified product	4,45	<b>14,19</b>	<b>27,96</b>
AALF013715	Unspecified product	2,31	<b>13,07</b>	<b>30,66</b>
AALF026819	Unspecified product	1,77	<b>12,74</b>	4,98
AALF002752	Unspecified product	1,33	<b>12,53</b>	<b>19,52</b>
AALF005644	Protein KRTCAP2 homolog	5,37	<b>12,39</b>	<b>19,59</b>
AALF017325	Unspecified product	5,09	<b>11,93</b>	<b>12,31</b>
AALF011939	Endoplasmin	-1,03	<b>11,87</b>	<b>6,12</b>
AALF023162	Sep15_SelM domain-containing protein	3,78	<b>11,55</b>	5,95
AALF012595	EGF-like domain-containing protein	1,7	<b>10,85</b>	5,93
AALF002612	Putative mitochondrial respiratory chain complex i	6,11	<b>10,79</b>	2,89
AALF005815	Unspecified product	5,73	<b>10,65</b>	4,09

AALF012691	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1	2,75	<b>10,07</b>	5,41
AALF021504	Unspecified product	1,14	<b>10,01</b>	<b>6,75</b>
AALF013722	DNA polymerase	-1,5	<b>-10,74</b>	-5,1
AALF012716	Prophenoloxidase	-1,01	<b>-12,04</b>	<b>-14,42</b>
AALF003040	Unspecified product	-1,2	<b>-13,45</b>	-7,45
AALF016470	Carboxylic ester hydrolase	-1,79	<b>-16,91</b>	<b>-87,5</b>
AALF013640	J domain-containing protein	1,61	28,45	<b>165,75</b>
AALF012753	CHCH domain-containing protein	-1,22	12,43	<b>41,5</b>
AALF003110	Unspecified product	1,49	<b>9,49</b>	<b>39,45</b>
AALF003128	4-nitrophenylphosphatase	1,91	13,52	<b>32,13</b>
AALF011149	LITAF domain-containing protein	3,96	3,81	<b>29,8</b>
AALF007387	Unspecified product	2,03	2,59	<b>24,95</b>
AALF022006	Belongs to the HAD-like hydrolase superfamily	1,09	9,24	<b>23,94</b>
AALF026344	Belongs to the GrpE family	1,89	4	<b>22,5</b>
AALF026694	GrpE protein homolog	1,71	5,85	<b>22,07</b>
AALF028423	Poly [ADP-ribose] polymerase	1,81	<b>8,72</b>	<b>20,94</b>
AALF019485	Brix domain-containing protein	1,99	3,64	<b>19,67</b>
AALF024199	HSP-70 binding protein	1,96	8,66	<b>19,28</b>
AALF015016	Lethal(2)essential for life protein, l2efl	1,4	<b>8,95</b>	<b>18,32</b>
AALF019596	Unspecified product	2,23	9,55	<b>17,42</b>
AALF023086	sil1	1,94	<b>8,43</b>	<b>16,99</b>
AALF024273	39S ribosomal protein L34	5,89	4,22	<b>16,02</b>
AALF007525	LITAF domain-containing protein	1,21	4,42	<b>15,98</b>
AALF027170	Unspecified product	-1,58	1,25	<b>15,88</b>
AALF017272	60S ribosome subunit biogenesis protein NIP7 homolog	3,1	1,65	<b>15,14</b>
AALF026705	Putative mitochondrial import inner membrane translocase subunit tim8	3,79	<b>7,09</b>	<b>14,53</b>
AALF008938	Putative vesicle coat complex copi zeta subunit	3,62	<b>9,19</b>	<b>14,5</b>
AALF003871	Pyrroline-5-carboxylate reductase	1,59	4,59	<b>14,48</b>
AALF019391	Unspecified product	2,09	7,57	<b>14,47</b>
AALF001937	Unspecified product	-1,14	-1,04	<b>14,4</b>
AALF028288	Unspecified product	-1,03	4,61	<b>13,69</b>
AALF015083	Unspecified product	1,67	2,97	<b>13,55</b>
AALF009537	Unspecified product	4,04	5,38	<b>13,51</b>
AALF005816	ER membrane protein complex subunit 4	2,63	<b>6,19</b>	<b>13,48</b>
AALF020200	Mitochondrial ornithine transporter	1	4,54	<b>12,63</b>
AALF017894	Pyrroline-5-carboxylate reductase	2,14	4,63	<b>12,61</b>
AALF018519	Nudix hydrolase domain-containing protein	3,38	6,5	<b>12,58</b>
AALF027267	39S ribosomal protein L22	3,8	5,8	<b>12,35</b>
AALF014826	Unspecified product	1,94	4,75	<b>12,18</b>
AALF001439	F-box domain-containing protein	1,17	2,07	<b>12,08</b>
AALF016188	Eukaryotic translation initiation factor	1,15	3,63	<b>12,08</b>

AALF002862	39S mitochondrial ribosomal protein L28	1,95	3,86	<b>11,74</b>
AALF020008	Putative growth hormone-induced protein	-1,02	<b>5,97</b>	<b>11,55</b>
AALF019423	Signal peptidase complex catalytic subunit SEC11	1,83	<b>9,96</b>	<b>11,53</b>
AALF001336	Putative selenoprotein g	1,76	<b>7,66</b>	<b>11,45</b>
AALF017936	Unspecified product	1,01	2,76	<b>11,22</b>
AALF016828	Unspecified product	1,91	4,99	<b>10,96</b>
AALF022971	RING-CH-type domain-containing protein	-1,12	3,28	<b>10,7</b>
AALF023408	Unspecified product	1,85	1,78	<b>10,51</b>
AALF001047	Unspecified product	6,11	7,79	<b>10,24</b>
AALF000279	PHB domain-containing protein	-1,28	4,25	<b>10,23</b>
AALF020872	Putative secreted protein	3,11	1,81	<b>10,22</b>
AALF015963	Unspecified product	2,45	3,88	<b>10,13</b>
AALF003447	Unspecified product	2,49	4,23	<b>10,13</b>
AALF002436	DUF155 domain-containing protein	1,63	2,98	<b>10,01</b>
AALF015692	Unspecified product	-1,76	-3,97	<b>-10,02</b>
AALF008397	ANK_REP_REGION domain-containing protein	-2,3	-2,38	<b>-10,1</b>
AALF028546	GH16 domain-containing protein	1,22	-5,77	<b>-10,16</b>
AALF017425	VWFC domain-containing protein	-1,73	-3,33	<b>-10,56</b>
AALF013861	Unspecified product	-2,16	-4,53	<b>-10,75</b>
AALF006764	Reverse transcriptase domain-containing protein	-2,19	-3,66	<b>-11,09</b>
AALF016175	Matrix metalloproteinase	-1,12	-4,22	<b>-11,11</b>
AALF008809	Nidogen	-1,14	-3,6	<b>-11,13</b>
AALF022970	Unspecified product	-1,43	-1,99	<b>-11,22</b>
AALF002486	Reverse transcriptase Ty1/copia-type domain-containing protein	-2,33	-1,96	<b>-11,23</b>
AALF025212	Transferrin	-1,06	-2,2	<b>-11,31</b>
AALF023670	Unspecified product	1,12	-2,12	<b>-11,41</b>
AALF021839	Sodium/solute symporter	-1,11	-2,13	<b>-11,49</b>
AALF025224	Integrase catalytic domain-containing protein	1,37	-1,81	<b>-11,5</b>
AALF023157	Tyrosinase_Cu-bd domain-containing protein	-1,33	-3,25	<b>-11,57</b>
AALF003039	Prophenoloxidase	-1,24	-3,68	<b>-11,71</b>
AALF000130	dNK domain-containing protein	1,31	-3,9	<b>-12,04</b>
AALF011858	Vitellogenin domain-containing protein	-2,73	-2,63	<b>-12,19</b>
AALF017340	RGS domain-containing protein	-1,61	-2,27	<b>-12,81</b>
AALF008038	Y-box binding protein	-2,35	-2,77	<b>-12,98</b>
AALF005743	Reverse transcriptase Ty1/copia-type domain-containing protein	-1,17	-5,88	<b>-13,17</b>
AALF021923	Gamma-glutamyl hydrolase	-1,04	<b>-6,21</b>	<b>-13,49</b>
AALF008037	Unspecified product	-1,8	-4,48	<b>-13,61</b>
AALF018011	Unspecified product	-1,33	-2,11	<b>-13,68</b>
AALF007570	Clip-Domain Serine Protease family B	-1,02	-5,2	<b>-13,82</b>
AALF004790	Unspecified product	-1,45	-3,6	<b>-13,94</b>
AALF012770	Aldehyde oxidase	-1,31	-1,99	<b>-14,1</b>

AALF005637	Belongs to the short-chain dehydrogenases/reductases (SDR) family	2,41	-1,64	<b>-14,23</b>
AALF019880	Dihydropyrimidine dehydrogenase [NADP(+)]	-1,58	-1,48	<b>-14,35</b>
AALF011617	Unspecified product	-1,15	-3,14	<b>-14,54</b>
AALF023601	Peroxidasin	-2,29	-4,08	<b>-14,55</b>
AALF013089	tRNA_NucTransf2 domain-containing protein	-1,07	-2,31	<b>-15,4</b>
AALF013129	Trehalose-6-phosphate synthase	-2	-1,97	<b>-15,42</b>
AALF001667	Unspecified product	-1,31	-3,25	<b>-15,86</b>
AALF006674	Integrase catalytic domain-containing protein	-1,27	-2,25	<b>-15,87</b>
AALF013610	Dihydropyrimidine dehydrogenase [NADP(+)]	-1,94	-1,75	<b>-16,22</b>
AALF008099	Endothelin-converting enzyme	-1,48	-2,33	<b>-16,37</b>
AALF006673	Retrotrans_gag domain-containing protein	-1,72	-1,77	<b>-16,56</b>
AALF016666	FHA domain-containing protein	-1,46	-3,44	<b>-16,9</b>
AALF004114	No-mechanoreceptor potential a	-1,23	-4,37	<b>-17,22</b>
AALF024124	Cytochrome P450	-1,1	-2,2	<b>-17,94</b>
AALF011816	Integrase catalytic domain-containing protein	1,13	-1,55	<b>-18,07</b>
AALF007569	Peptidase S1 domain-containing protein	1,53	-3,46	<b>-19,17</b>
AALF016566	Unspecified product	-2,79	-3,48	<b>-19,75</b>
AALF000129	Reverse transcriptase domain-containing protein	-1,05	-2,82	<b>-21,58</b>
AALF019918	Unspecified product	-1,5	-3,47	<b>-22,73</b>
AALF016286	B box-type domain-containing protein	-1,35	-4,14	<b>-23,66</b>
AALF014933	Prophenoloxidase	-1,12	-3,69	<b>-29,38</b>
AALF004309	Putative sodium/potassium-transporting atpase subunit beta-2	-1,05	-3,4	<b>-31,2</b>
AALF006581	CHK domain-containing protein	1,13	-2,76	<b>-32,13</b>
AALF012955	Serine protease	1,34	-5,56	<b>-38,1</b>
AALF022750	Unspecified product	-4,33	-9,64	<b>-47,74</b>
AALF020600	RT_RNaseH domain-containing protein	-2,19	-2,62	<b>-70,65</b>
AALF007138	Histone H2A	1,56	1,65	<b>-85,16</b>
AALF003951	Reverse transcriptase Ty1/copia-type domain-containing protein	-1,13	-2,67	<b>-104,44</b>
AALF010649	Histone H2A	4,09	1,37	<b>-122,87</b>
AALF010137	Histone H2B	2,31	-2,24	<b>-149,04</b>
AALF014537	Histone H2B	1,14	-2,71	<b>-223,22</b>
AALF024096	Unspecified product	-1,28	-3,16	<b>-342,06</b>
AALF010648	Histone H2B	1,41	-2,11	<b>-344,4</b>
AALF028233	Unspecified product	-4,19	2,06	<b>-988301,15</b>