

Supplementary Table S2. List of *Ae. albopictus* differentially expressed transcripts (>10 fold change) post-infection with WNV. Bold numbers have p-adjust value ≤ 0.01 .

Transcript ID	Gene description	Fold change 24 hpi with WNV	Fold change 48 hpi with WNV
AALF021807	C-Type Lysozyme (Lys-E)	433,71	6,35
AALF003252	Unspecified product	141,9	19,98
AALF016234	C-Type Lectin	82,89	17,75
AALF010414	Beta-hexosaminidase b	73,17	1,87
AALF026511	Carbonic anhydrase	70,41	1,3
AALF013298	Unspecified product	69,1	14,16
AALF022426	Unspecified product	58,22	14,16
AALF009966	Unspecified product	57,53	4,39
AALF003774	Fibrinogen and fibronectin	52,23	18,48
AALF019859	Clip-Domain Serine Protease family B	49,51	9,26
AALF008821	Defensin anti-microbial peptide	45,85	57,72
AALF008776	Aromatic amino acid decarboxylase	44,86	2,51
AALF022425	Unspecified product	30,38	2,29
AALF009414	Putative secreted protein	27,47	4,74
AALF026731	Unspecified product	22,22	98,88
AALF001194	Unspecified product	21,13	5,21
AALF008229	Unspecified product	19,82	7,04
AALF001093	Calreticulin	18,76	-1,57
AALF007742	Unspecified product	18,4	2,27
AALF020341	Unspecified product	18,35	3,91
AALF023135	Unspecified product	18,07	3,07
AALF016505	Leucine-rich immune protein	16,83	2,96
AALF025212	Transferrin	15,95	20,69
AALF020197	Clip-Domain Serine Protease family B	15,25	-1,18
AALF020799	Peptidoglycan Recognition Protein	14,48	10,23
AALF000812	Unspecified product	14,36	1,98
AALF001195	Unspecified product	12,68	9,79
AALF007525	Unspecified product	12,62	4,11
AALF008452	Unspecified product	12,07	10,83
AALF003040	Unspecified product	11,56	2,87
AALF015567	Cystathionine beta-synthase	11,47	2,02
AALF014689	Fibrinogen and fibronectin	10,71	1,91
AALF002418	Imaginal disc growth factor	10,45	10,37
AALF023540	Unspecified product	10,41	-1,07
AALF001232	Pyruvate carboxylase	10,24	-3,08
AALF016365	Munc13-4	10,04	1,74
AALF011706	Unspecified product	-10,8	1,09
AALF028505	Unspecified product	-13,71	-12,83
AALF020168	Unspecified product	-13,92	-1,24

AALF025541	Unspecified product	-15,28	1,39
AALF008099	Endothelin-converting enzyme	-15,38	-3,91
AALF000742	Unspecified product	-15,83	1,29
AALF008879	Type IV inositol 5-phosphatase	-16,64	-10,21
AALF016756	Sugar transporter	-16,64	1
AALF022022	cdk11/4	-23,57	-1,52
AALF004114	No-mechanoreceptor potential a	-24,63	1,32
AALF011390	Putative ecdysone-induced protein	-26,46	-2,2
AALF020798	Unspecified product	-29,42	-1,31
AALF000142	Unspecified product	-31,2	-2,65
AALF009909	Unspecified product	-32,38	-2,74
AALF001259	Unspecified product	-36,11	-1,03
AALF014478	Heat shock protein HSP70	-37,19	4,22
AALF012770	Aldehyde oxidase	-37,85	-2,04
AALF001105	Unspecified product	-40,85	1,86
AALF002857	Unspecified product	-42,79	-4,51
AALF002636	Unspecified product	-43,23	1,03
AALF014479	Unspecified product	-45,7	6,53
AALF025810	Unspecified product	-51,7	-1,85
AALF013937	Serine protease	-51,98	-2,31
AALF014375	Unspecified product	-57,5	-3,56
AALF014481	Unspecified product	-61,02	5,22
AALF027745	Microtubule-associated protein	-61,92	1,59
AALF009202	C-Type Lectin (CTL)	-65,35	1,56
AALF006472	Unspecified product	-86,05	-3,82
AALF015015	Unspecified product	-230,7	22,72
AALF015014	Clip-Domain Serine Protease family D	-246,26	-2,96
AALF016295	Unspecified product	-249,48	-5
AALF014395	Unspecified product	-605,5	-4,51
AALF028496	Unspecified product	-78564,47	1,33
AALF005731	Zinc finger protein	-109162,03	1,92
AALF009658	Unspecified product	-1,3	31,17
AALF019759	Unspecified product	1,81	29,21
AALF000656	Cecropin-A2	16,79	27,72
AALF010887	Unspecified product	-1,08	23,96
AALF011779	Unspecified product	3,84	21,6
AALF005659	Unspecified product	-1,38	16,37
AALF020693	Unspecified product	-2,54	16,03
AALF005658	Unspecified product	-3,45	14,96
AALF019136	Unspecified product	-1,68	14,5
AALF015016	Lethal(2)essential for life protein, l2efl	-9,24	13,31
AALF011176	Acylphosphatase	1,16	13,16
AALF000457	Unspecified product	1,46	12,97

AALF023579	Unspecified product	1,13	12,72
AALF026129	UPF0184 protein	1,93	11,61
AALF025560	c4b-binding protein beta chain	7,42	11,43
AALF014826	Unspecified product	1,78	11,12
AALF013319	Unspecified product	4,99	11,12
AALF018157	Unspecified product	5,32	10,37
AALF002626	40S ribosomal protein S21	-1,5	10,19
AALF006531	Unspecified product	6,54	10,18
AALF016228	Dolichol-phosphate mannosyltransferase subunit 3	2,49	10,14
AALF015599	Unspecified product	3,03	-10,3
AALF015221	Unspecified product	1,97	-10,34
AALF020651	Unspecified product	2,84	-10,51
AALF014559	Unspecified product	5,02	-10,53
AALF021818	Unspecified product	-1,64	-10,76
AALF016237	Unspecified product	2,97	-11,03
AALF024446	Unspecified product	3,83	-11,82
AALF015711	Unspecified product	6,43	-12,13
AALF000130	Unspecified product	3,56	-12,54
AALF019880	Unspecified product	1,25	-12,85
AALF009765	Unspecified product	-1,77	-12,93
AALF013917	Unspecified product	5,38	-13,07
AALF013610	Unspecified product	1,27	-13,14
AALF020871	Unspecified product	3,25	-13,26
AALF022735	Unspecified product	5,48	-13,63
AALF006220	Unspecified product	2,6	-13,64
AALF017380	Unspecified product	4,29	-14
AALF013129	Unspecified product	-1,93	-14,88
AALF006549	Unspecified product	3,88	-15,21
AALF022033	Unspecified product	1,04	-15,3
AALF018633	Unspecified product	-3,16	-16,39
AALF008765	Unspecified product	-1,18	-16,52
AALF025208	Unspecified product	4,68	-17,47
AALF013096	Unspecified product	1,63	-19,32
AALF020652	Unspecified product	3,74	-19,54
AALF000129	Unspecified product	4,63	-20
AALF021783	Unspecified product	7,45	-22,85
AALF013722	Unspecified product	5,27	-24,51
AALF013353	Unspecified product	6	-29,13