Figure S1. Aligned partial (64 bp) segment 10 sequences for 24 tilapia lake virus strains illustrating *in silico* specificity of the TaqMan RT-qPCR primers developed in this study.

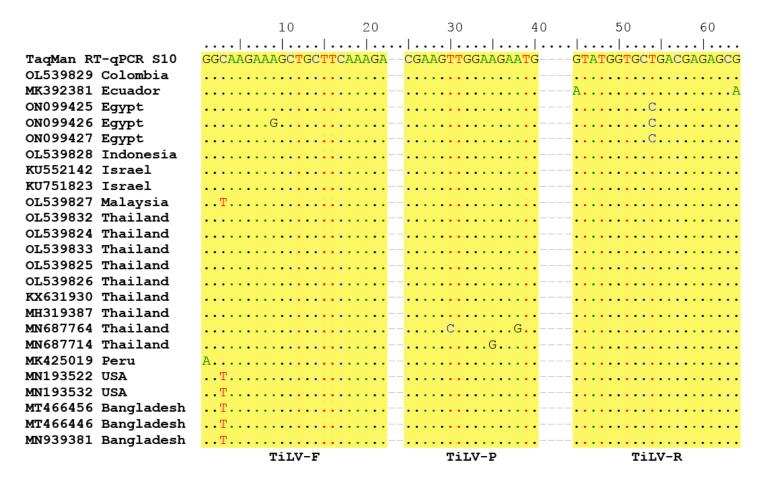


Figure S2. Aligned partial (491 bp) segment 3 sequences for 24 tilapia lake virus strains illustrating *in silico* specificity of the RT-PCR and nested RT-PCR primers developed by Eyngor et al. (2014) and Kembou Tsofack et al. (2017), respectively.

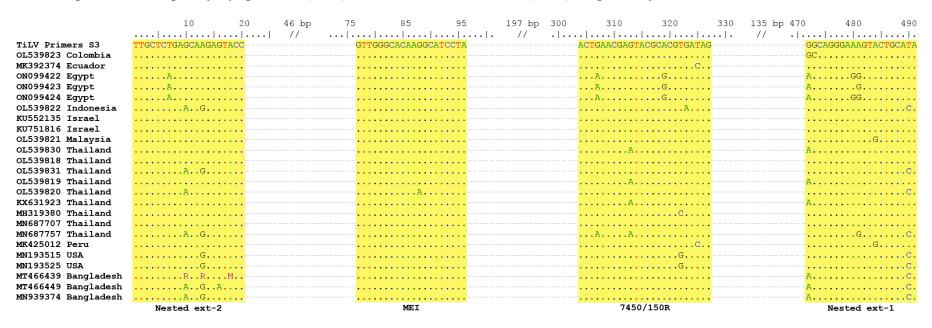


Figure S3. Aligned partial (112 bp) segment 3 sequences for 24 tilapia lake virus strains illustrating *in silico* specificity of the SYBR green RT-qPCR primers developed by Tattiyapong et al. (2018).

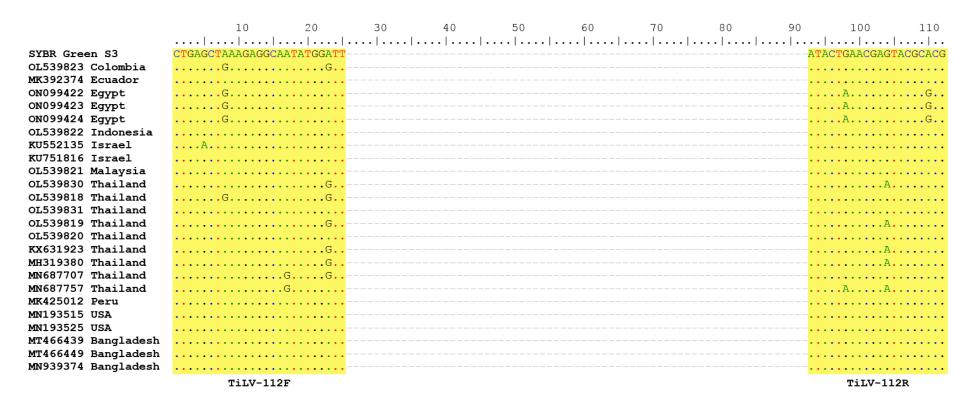


Figure S4. Aligned partial (93 bp) segment 3 sequences for 24 tilapia lake virus strains illustrating *in silico* specificity of the TaqMan RT-qPCR primers developed by Waiyamitra et al. (2018).

	10	20	30	40	50	60	70	80	90
					.	.			
TaqMan RT-qPCR S3	AGCCTGCCACACAGAAG	<mark>C</mark>	TCTACCAGCT	AGTGCCCA-				AGAAGCACAAC	TCAAGCAG
OL539823 Colombia	T	<mark>.</mark>							G
MK392374 Ecuador	T	<mark>.</mark>							G
ON099422 Egypt	TGT	<mark>.</mark> (	c	CT					
ON099423 Egypt	TGT	<mark>.</mark> (	c	CT					
ON099424 Egypt	TGT		c						
OL539822 Indonesia		<mark>.</mark>							G
KU552135 Israel	T	<mark>.</mark>							G
KU751816 Israel	T	<mark>.</mark>		Y					G
OL539821 Malaysia	T	<mark>.</mark>							G
OL539830 Thailand		<mark>.</mark>							
OL539818 Thailand	T			• • • • • • • •					
OL539831 Thailand	T	<mark>.</mark>		• • • • • • • •					G
OL539819 Thailand	T	<mark>-</mark>		• • • • • • • • •				• • • • • • • • • • •	
OL539820 Thailand	T	<mark>.</mark>		• • • • • • • •					G
KX631923 Thailand		<mark>.</mark>		• • • • • • • •					
MH319380 Thailand	T							T	
MN687707 Thailand	T							• • • • • • • • • •	
MN687757 Thailand	T			• • • • • • • • • •				• • • • • • • • • • • • • • • • • • • •	
MK425012 Peru	T							G	
MN193515 USA	· · · · · · · · · · · · · · · · · · ·		<u>.</u>					G	
MN193525 USA	T			T				GT	G
MT466439 Bangladesh	T		.TG					• • • • • • • • • • •	• • • • • • •
MT466449 Bangladesh	T		.TG					• • • • • • • • • • • • • • • • • • • •	• • • • • • •
MN939374 Bangladesh	• • • • • • • • • • • • • • • • • • • •		.TG						• • • • • • •
	TiLV-93F		TiLV-93	Probe		TiLV-93R			

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