

Supporting Table 1: Primers and vectors used for genetic manipulation of *T. gondii* and for heterologous recombinant expression of *T. gondii* proteins.

Vector	Amplified region	Primer name	Primer sequence	Amplified fragment size
pLIC vectors - expressed in <i>T. gondii</i>	<i>Tgp43</i>	LIC066670-F	tactccaatccaatttagcccgcgac gattcgcgccaggacaccctgtg	2299 bp
		LIC066670-R	tctccacttccaatttagcagaga tggtgcctccgacgatagagtac	
		LICp43delta-F	tactccaatccaatttagctcctttt agttaaaccgacgacgcttc	1687 bp
		LICp43delta-R	tctccacttccaatttagctccacc ttcgacgaaccgggtgtgctctg	
	<i>TgYRS</i>	LIC103260-F	tactccaatccaatttagccgcgag gcatggacatgcaaacgtccgc	2121 bp
		LIC103260-R	tctccacttccaatttagcttctgc acttgatgctttaattgctg	
	<i>TgMRS</i>	LIC289300-F	tactccaatccaatttagcgactg cgattcgacgaagacgcctgac	1157 bp
		LIC289300-R	tctccacttccaatttagcaagcg cgagagaaaggcgccctggcag	
	Upstream flanking region of <i>Tgp43</i>	attB1-066670	ggggacaagtgtgtacaaaaag caggctctgaagcagctcagccg cagggttgcac	1609 bp
		attB4-066670	ggggacaacttgtatagaaaagt gggtggcgcaagacaaagatgc atgctgcg	
	Downstream flanking region of <i>Tgp43</i>	attB2-066670	ggggaccacttgtacaagaaag ctgggtacctcgatgtcacaatgat aatgtgg	1719 bp
		attB3-066670	ggggacaacttgtataataaagt gcaatggactaacgtgtgctcca gc	
pETDuet-1 - expressed in <i>E. coli</i>	<i>Tgp43</i> (<i>TgVEG_053</i> 640 residues 208-679)	TgP43-Fwd-NcoI	catgccatggaactgattatgatag cacaccgg	n/a
		TgP43-Rev- His-BamHI	cgcgatccttaatgatgatgatgat gatgagcaccagcaccgctgatg gtgccaccaacaatgctatcgcaa aaac	n/a
pcDNA4 - expressed in HEK293	<i>Tgp43</i> (<i>TgVEG_053</i> 640 residues 208-679)	p43-pcDNA4-Cter-Fwd	tggtggtgctggtgccatgaact gattatgatagcacaccggcagc	n/a
		p43-pcDNA4-Cter-Rev	gctccggtcctgccccagcgtg atggtgccaccaacaatgctatcgc	n/a
		p43-pcDNA4-Rev	gctccggtcctgccccagcttagc tgatggtgccaccaacaatgctatc gc	n/a