

Supplementary Table S1. Primers and morpholinos used in this study

Name	Nucleotide sequence (5'-3') ^a
Recombinant protein for antibodies	
rKin-13-F	CCGGAATTCGATGTCTGACTTGGTTTACCA
rKin-13-R	GTTAGCGGCCGCTTTCTTCCTGGCCTTATTG
Transgenic <i>G. lamblia</i> expressing HA-tagged GiPLK	
Pplk-F	CATCGCGGCCGCGTAGGCGTCATCCGAGGTGAAC
PLK-R	GTTACGTCGACTCCCCTCCCTGACCGAGCTGCCT
Myc epitope tagged GiKin-13	
Pkin-13-F	CAGTCGCGGCCGCGAGACACTGTCTCCTCTTACC
Kin-13-R	CGTACATCGATTTTCTTCCTGGCCTTATTGA
Kinase assay	
PLK-GBK-F	GCACGAATTCATGTCCACAGCAACGCCCCAGAA
PLK-GBK-R	CTACAGCGGCCGCTATTCCCCTCCCTGACCGAGCT
Kin-13-GAD-F	CCGGAATTCATGTCTGACTTGGTTTACCA
Kin-13-GAD-R	CCGCTCGAGCTTTCTTCCTGGCCTTATTGA
Morpholino sequences	
Control	CCTCTTACCTCAGTTACAATTTATA
Anti- <i>gplk</i>	AGCTCCCACCGCAAAGCCAAAATT
Anti- <i>gkin-13</i>	ATGTGAATTTTGTACTTGATACTTT

^aRestriction enzyme sites are underlined.