

**Table S1** Coordinates of genes coding for the biosynthesis of GPI in *P. carinii*, *P. jirovecii* and *P. murina*.

Gene	<i>P. jirovecii</i>		<i>P. murina</i>		<i>P. carinii</i>	
	Contig	Coordinates	Contig	Coordinates	Contig	Coordinates
GPI1	NW_017264787.1	258K a 261K	AFWA02000005.1	435K a 435K C	LFVZ01000005.1	107K a 107K
GPI3	NW_017264783.1	200K a 202K	NW_017802371.1	60K a 62K	NW_017264725.1	60K a 62K
GWT1	NW_017264776.1	112K a 110K C	NW_017802360.1	480K a 483K	NW_017264718.1	79K a 83K
GPI14	NW_017264785.1	144K a 146K	NW_017802362.1	162K a 164K C	NW_017264716.1	369K a 371K
PBN1	NW_017264780.1	253K a 255K	AFWA02000003.1	335K a 337K	NW_017264715.1	207K a 209K C
GPI18	NW_017264785.1	395K a 393K C	NW_017802366.1	442K a 443K	NW_017264727.1	7K a 9K
MCD4	NW_017264783.1	384K a 388K	AFWA02000016.1	245K a 246K	LFVZ01000014.1	242K a 243K
GPI10	NW_017264777.1	404K a 402K C	AFWA02000003.1	463K a 463K C	LFVZ01000030.1	81K a 81K
GPI11	NW_017264781.1	245K a 244K C	NW_017802371.1	144K a 145K	NW_017264725.1	144k a 145k
GPI13	NW_017264775.1	40K a 44K	AFWA02000006.1	406K a 409K C	LFVZ01000017.1	139K a 142K
GAA1	NW_017264789.1	225K a 228K	AFWA02000010.1	71K a 72K C	NW_017264721.1	336K a 339K
GPI16	NW_017264781.1	330K a 327K C	NW_017802369.1	277K a 280K C	LFVZ01000012.1	101K a 101K
GPI17	NW_017264781.1	294K a 296K	NW_017802375.1	118.9K a 121.3K C	NW_017264728.1	181K a 183K
GAB1	NW_017264794.1	36K a 34K C	AFWA02000015.1	305K a 308K C	LFVZ01000001.1	623K a 623K
THO	NW_017264777.1	443K a 444K	AFWA02000003.1	503K a 504K	LFVZ01000003.1	41K a 41K C
PER1	NW_017264783.1	344K a 346K	AFWA02000016.1	204K a 205K	LFVZ01000014.1	201K a 202K