Supplementary Table 2. *Leishmania* loci with species-specific differences and conserved pseudogenes

Product	*L. major*	*L. infantum*	*L. braziliensis*	*T. brucei*	*T. cruzi* (Tc00.1047053…)
***L. major* specific**					
Hypothetical protein	LmjF10.0185	LinJ10.0475	-	-	-
Hypothetical protein	LmjF10.1225	LinJ10.1585	LbrM10_V2.1350	Tb927.8.4690	506153.6
EF hand protein	LmjF13.1450	LinJ13.1380	-	-	-
Hypothetical protein	LmjF31.0260	LinJ31.0270	LbrM31_V2.0370	-	-
Cysteine peptidase	LmjF35.3910	LinJ35.4000	LbrM34_V2.3890	-	-
***L. infantum* specific**					
Hypothetical protein	-	LinJ02.0670	-	-	-
Hypothetical protein	LmjF08.0135	LinJ08.0140	LbrM08_V2.0140	Tb05.6E7.480	511653.60
Tuzin	LmjF08.0795	LinJ08.0750	LbrM08_V2.0690	-	-
Hypothetical protein	LmjF10.1085	LinJ10.1430	LbrM10_V2.1190	-	-
Phosphatidylinositol 3-kinase	LmjF14.0020	LinJ14.0020	LbrM14_V2.0020	-	508859.90
Hypothetical protein	LmjF15.0840	LinJ15.0890	-	-	506509.40
Hypothetical protein	LmjF20.1175	LinJ20.1210	LbrM20_V2.5335	-	-
Methylenetetrahydrofolate dehydrogenase	LmjF22.0340	LinJ22.0330	-	-	511809.20
Hypothetical protein repeat	-	LinJ22.0410	-	-	-
Hypothetical protein	-	LinJ22.0680	-	-	-
Hypothetical protein	LmjF24.2045	LinJ24.1430	-	-	-
Glutathionyl-spermidine synthase	LmjF25.2380	LinJ25.2500	LbrM25_V2.1980		508479.110
Hypothetical protein	LmjF28.0420	LinJ28.0330	LbrM28_V2.0430	Tb11.01.0230	508819.30
Multidrug resistance like protein	-	LinJ30.1840	LbrM24_V2.1400	Tb927.8.2160	-
n-acyl-l-amino acid amidohydrolase	-	LinJ31.1490	-	-	-
Hypothetical protein	LmjF31.2195	LinJ31.2630	-	-	-
p-nitrophenyl-phosphatase	-	LinJ31.3030*	-	-	-
Hypothetical protein	LmjF31.2465	LinJ31.3160	-	-	-
Hypothetical protein	LmjF32.1505	LinJ32.1900	LbrM32_V2.1680	-	-
Hypothetical protein	LmjF33.2905	LinJ33.2710	LbrM33_V2.3195	Tb927.2.5530	503413.4
Hypothetical protein	LmjF34.3645	LinJ34.3170	-	-	
phosphatidylinositol/ phosphatidylcholine/ sec14 cytosolic factor	-	LinJ36.2050	LbrM35_V2.0690	-	510293.20
Hypothetical protein	LmjF36.0580	LinJ36.2060	LbrM35_V2.0700	-	-
Glyceraldehydes 3-phosphate dehydrogenase	LmjF36.2350	LinJ36.4900	-	-	510187.60
Hypothetical protein	LmjF36.3995	LinJ36.2750	LbrM35_V2.4235	-	-
***L. braziliensis* specific**					
SLACS	-	-	LbrM02_V2.0550	Tb09.211.5015	-
SLACS	-	-	LbrM02_V2.0690	Tb09.211.5015	-
SLACS	-	-	LbrM02_V2.0720	Tb09.211.5015	-
Hypothetical repeat protein	-	-	LbrM03_V2.0960	-	-
31-0-demethyl-FK506 methyltransferase	LmjF04.1165	LinJ04.1185	LbrM04_V2.1180	-	-
Hypothetical protein	-	-	LbrM05_V2.0960	-	-

Hypothetical protein	LmjF06.1195	LinJ06.1235	LbrM06_V2.1180	-	-
Hypothetical protein	LmjF07.0155	-	LbrM07_V2.0155	Tb927.8.1790	503565.29
Hypothetical protein	LmjF10.0930	LinJ10.1280	LbrM10_V2.0930	Tb927.8.4360	506865.70
Hypothetical protein	LmjF11.0280	LinJ11.0280	LbrM19_V2.0040	-	-
Argonaute	LmjF11.0570	LinJ11.0500	LbrM11_V2.0360	Tb10.406.0020	-
Hypothetical protein	-	-	LbrM11_V2.1100	-	-
Hypothetical protein	LmjF11.1365	LinJ11.1345	LbrM11_V2.1130	-	-
Hypothetical protein	-	-	LbrM13_V2.1570	-	-
Hypothetical protein	LmjF14.0470	LinJ14.0470	LbrM14_V2.0480	-	308857.40
Hypothetical protein repeat	-	-	LbrM14_V2.0940	-	-
Hypothetical protein	LmjF22.0105	LmjF22.0110	LbrM22_V2.0105	-	-
Hypothetical protein	LmjF22.0130	-	LbrM22_V2.0130	-	511807.130
Hypothetical protein	-	-	LbrM22_V2.0810	-	-
Hypothetical protein	-	-	LbrM22_V2.1380	-	-
RNase III domain gene	-	-	LbrM23_V2.0390	Tb927.8.2370	-
Hypothetical protein	-	-	LbrM23_V2.0550	Tb927.8.2470	514427.64
Hypothetical protein	LmjF23.0845	LinJ23.0995	LbrM23_V2.0950	-	-
Hypothetical protein	-	-	LbrM24_V2.1430		-
Hypothetical protein	LmjF22.0150	-	LbrM25_V2.0540	-	-
Rnase III gene	-	-	LbrM25_V2.1020	Tb927.3.1230	-
Hypothetical protein	-	-	LbrM26_V2.0010	-	-
Adenine phosphoribosyl-transferas	-	-	LbrM26_V2.0120*	Tb927.7.1790	507519.150
Hypothetical protein	LmjF26.0520	LinJ26.0500	LbrM26_V2.0530	Tb927.7.1420	503579.10
Glutathione peroxidase	-	-	LbrM26_V2.0810*	-	-
Hypothetical protein	LmjF27.1125	LinJ27.0720	LbrM27_V2.1220	-	-
Hypothetical protein	-	-	LbrM27_V2.2790	-	-
Hypothetical protein	LmjF28.0915	LinJ28.0955	LbrM28_V2.0980	Tb11.02.5680	508813.80
Hypothetical protein	-	-	LbrM28_V2.1240	-	-
Tyrosine/dopa decarboxylase	LmjF30.2500	LinJ30.2830	LbrM30_V2.2460	-	-
Hypothetical protein	-	-	LbrM30_V2.2580	-	-
Hypothetical protein	-	-	LbrM31_V2.2370	-	-
Hypothetical protein	-	-	LbrM32_V2.0080	-	-
Hypothetical protein	-	-	LbrM32_V2.3800	Tb11.01.8270	504085.70
Hypothetical protein	LmjF33.0180	LinJ33.0190	LbrM33_V2.0190	-	-
Hypothetical protein	-	-	LbrM33_V2.3180	-	-
Hypothetical protein	LmjF33.3215	LinJ33.3005	LbrM33_V2.3490	--	-
Beta galactofuranosyl transferase	-	-	LbrM20_V2.0480		504115
Hypothetical protein	-	-	LbrM34_V2.2010	-	-
galactokinase	-	-	LbrM34_V2.3650	-	-
Amino acid transporter	-	-	LbrM35_V2.1500	-	-
Hypothetical protein	LmjF36.1395	LinJ36.1255	LbrM35_V2.1530	Tb10.70.1140	-
Hypothetical protein	-	-	LbrM35_V2.6620	Tb10.6k15.1610	-
Hypothetical protein	LmjF36.6785	LinJ36.0455	LbrM35_V2.7140	Tb10.6k15.2470	506247.180
Absent in *L. braziliensis*					
Hypothetical protein	LmjF01.0730	LinJ01.0740	-	Tb09.160.3240	510155.140
Protein kinase	LmjF01.0750	LinJ01.0760	LbrM01_V2.0720	-	511585.160

Tagatose-6-phosphate kinase	LmjF02.0030	LinJ02.0030	LbrM02_V2.0030	-	-
Aminopeptidase P1	LmjF02.0040	LinJ02.0010	LbrM02_V2.0060	Tb927.3.2090	503991.20
Hypothetical protein	LmjF04.0430	LinJ04.0420	LmjF04_V2.0470	-	503855.50
Hypothetical protein	LmjF04.0540	LinJ04.0540	LbrM04_V2.0590	-	504033.190
Hypothetical protein	LmjF04.0600	LinJ04.0600	LbrM04_V2.0690	-	-
Hypothetical protein	LmjF04.0900	LinJ04.0920	LbrM04_V2.0690	-	-
Viscerotropic gene	LmjF05.0240	LinJ05.0340	LbrM05_V2.0230	-	503583.100
Pteridine transporter	LmjF06.0310	LinJ06.0310	LmjF06_V2.0290	Tb927.8.3620	506633.90
Hypothetical protein	LmjF04.0430	LinJ04.0420	LmjF04_V2.0470	-	503855.50
Hypothetical protein	LmjF06.0630	LinJ06.0650	-	-	-
Flavoprotein subunit protein	LmjF07.0800	LinJ07.0870	LbrM07_V2.0880	-	-
Hypothetical protein	LmjF07.0910	LinJ07.0960	LbrM07_V2.0965	Tb08.12016.440	503735.30
Hypothetical protein	LmjF12.0160	LinJ12.0140	-	Tb927.6.1140	507603.150
Hypothetical protein	LmjF13.1390	LinJ13.1320	LbrM13_V2.1160	-	-
carboxypeptidase	LmjF14.0180	LinJ14.0180	LbrM14_V2.0180	-	-
Hypothetical protein	LmjF14.0270	LinJ14.0270	LbrM14_V2.0270	-	506605.30
Fatty acid elongase	LmjF14.0700	LinJ14.0730	LbrM14_V2.0680	Tb927.7.4160	506661.10
Guanine nucleotide-binding protein	LmjF14.0760	LinJ14.0800	LbrM14_V2.0740	-	510989.30
Kinesin	LmjF14.0810	LinJ14.0850	LbrM14_V2.0785	Tb927.7.4110	-
Hypothetical protein	LmjF14.1095	LinJ14.1150	LbrM14_V2.1090	-	-
Hypothetical protein	LmjF16.0880	LinJ16.0910	LbrM16_V2.0885	Tb08.26E13.110	509901.30
Hypothetical protein	LmjF16.1640	LinJ16.1730	LbrM16_V2.1700	-	
Transporter (sugar)	LmjF18.0040	LinJ18.0040	LbrM18_V2.0050	Tb10.61.2747	507993.310
Hypothetical protein	LmjF18.1650	LinJ18.1660	LbrM18_V2.1690	Tb10.389.1350	507787.90
Glycerol uptake protein	LmjF19.1347	LinJ19.1260	LbrM19_V2.1570	Tb10.61.0380	511355.40
Hypothetical protein	LmjF20.0460	LinJ20.0760	LbrM20_V2.4700	Tb927.1.1140	
Zinc binding phosphatase	LmjF20.1480	LinJ20.1530	LbrM20_V2.5730	Tb927.1.3300	510636.50
Hypothetical protein	LmjF21.0450	LinJ21.0350	LbrM20_V2.0510	-	-
Hypothetical protein	LmjF21.0891	LinJ30.4480	LbrM21_V2.1120	-	-
Hypothetical protein	LmjF21.1230	LinJ21.0900	LbrM21_V2.1430	Tb10.70.7300	506855
Hypothetical protein	LmjF21.1570	LinJ21.1250	LbrM21_V2.1800	-	-
Hypothetical protein	LmjF22.0190	LinJ22.0180	LbrM22_V2.0190	Tb927.7.2180	511807.210
Hypothetical protein	LmjF22.0250	LinJ22.0230	LbrM22_V2.0240	-	-
Hypothetical protein	LmjF22.1510	LinJ22.1330	LbrM22_V2.1410	-	-
Argininosuccinate synthase	LmjF23.0260	LinJ23.0300	LbrM23_V2.0290	-	-
Oxoreductase	LmjF23.0670	LinJ23.0810	LbrM23_V2.0770	-	503831.20
Hypothetical protein	LmjF23.0790	LinJ23.0930	LbrM23_V2.0880	Tb927.8.2710	504151.39
HASPA	LmjF23.1040 LmjF23.1082 LmjF23.1088	LinJ23.1160 LinJ23.1200	-	-	-
SHERP	LmjF23.1050 LmjF23.1080 LmjF23.1086	LinJ23.1170 LinJ23.1190	-	-	-
HASPB	LmjF23.1060 LmjF23.1070	LinJ23.1180	-	-	-
Transcription elongation factor	LmjF24.0200	LinJ24. (not assembled)**	LbrM24_V2.0190	-	507669.104
Hypothetical protein	LmjF24.0220	LinJ24. (not assembled)**	LbrM24_V2.0210	-	-
Multi-pass transmembrane	LmjF24.0700	LinJ24.0350	LbrM24_V2.0710	Tb11.02.3050	503789.20

protein					
Hypothetical protein	LmjF26.0990	LinJ26.0950	LbrM26_V2.1000	Tb927.7.950	503463.20
Hypothetical protein	LmjF27.0020	LinJ27.0020	LbrM27_V2.0030	Tb927.5.3540	511649.110
Hypothetical protein	LmjF27.0960*	LinJ27.0470	LbrM27_V2.1040	Tb11.55.0022	506367.50
Hypothetical protein	LmjF27.1740	LinJ27.1245	-	-	-
Hypothetical protein	LmjF27.1770	LinJ27.1270	LbrM27_V2.1890	-	504153.120
Adenylate cyclase	LmjF28.0090	LinJ28.0080	LbrM28_V2.0100	-	-
Hypothetical protein	LmjF28.0150	LinJ28.0150	LbrM28_V2.0160	Tb11.02.5200	506779.90
Hypothetical protein	LmjF28.0430	LinJ28. 0320	LbrM28_V2.0440	-	-
Hypothetical protein	LmjF28.0840	LinJ28.0880	LbrM28_V2.0910	Tb11.02.5740	506933.43
Hypothetical protein	LmjF28.2450	LinJ28.2570	LbrM28_V2.2660	Tb11.01.3590	506025.20
D-lactate dehydrogenase	LmjF29.0280	LinJ28.0440	LbrM29_V2.0540	-	-
Lipase	LmjF29.1260	LinJ29.1500	LmjF29_V2.1340	Tb927.3.3860	504029.21
Hypothetical protein	LmjF29.2880	LinJ29.2570	LbrM29_V2.2910	-	-
Hypothetical protein	LmjF30.1180	LinJ30.1550	LbrM30_V2.1300	Tb927.6.2680	509965.50
Hypothetical protein	LmjF30.1190	LinJ30.1560	LbrM30_V2.1310	-	-
Hypothetical protein	LmjF30.1985	LinJ30.2320	LbrM30_V2.1930	Tb927.6.3270	511507.24
Hypothetical protein	LmjF30.2010	LinJ30.2350	LbrM30_V2.1960	-	-
Phospholipase c	LmjF30.2950	LinJ30.3320	LbrM30_V2.2930	-	-
Triacyglycerol lipase	LmjF31.0830	LinJ31.0860	LbrM31_V2.1010	-	-
Hypothetical protein	LmjF31.1040	LinJ31.1390	LbrM31_V2.1240	Tb927.4.4230	510007.30
Hypothetical protein	LmjF31.1330	LinJ31.1700	LbrM31_V2.1090	-	-
Hypothetical protein	LmjF31.2240	LinJ31.2680	-	-	-
3' nucleotidase/ nuclease	LmjF31.2300	LinJ31.2980	LbrM31_V2.2570	-	-
Hypothetical protein	LmjF31.3000	LinJ31.3720	LbrM31_V2.3370	-	-
Hypothetical protein	LmjF32.0280	LinJ32.0650	LbrM32_V2.0350	Tb10.61.2290	-
Hypothetical protein	LmjF32.1540	LinJ32.1940	-	-	-
Hypothetical protein	LmjF32.1880	LinJ32.2300	LbrM32_V2.2070	-	-
Hypothetical protein	LmjF32.3410	LinJ32.3970	LbrM32_V2.3710	Tb11.01.8390	506725.30
Hypothetical protein	LmjF32.3420	LinJ32.3980	-	Tb11.01.8380	506725.40
Hypothetical protein	LmjF32.3690	LinJ32.4200	LbrM32_V2.3930	Tb11.01.8190	511529.150
Hypothetical protein	LmjF33.1000	LinJ33.1020	LbrM33_V2.1190	-	-
Hypothetical protein	LmjF33.2420	LinJ30.0580	LbrM33_V2.2695	-	-
Hypothetical protein	LmjF33.2840	LinJ33.2640	LbrM33_V2.3130	-	-
Hypothetical protein	LmjF34.0705	LinJ34.4270	LbrM20_V2.0635	Tb927.4.3710,	504129.10
aminophospholipid translocase	LmjF34.3220	LinJ34.2740	LbrM20_V2.2800	Tb927.4.1510	511003.10
Hypothetical protein	LmjF35.0450	LinJ35.0540	LbrM34_V2.0470	-	-
Hypothetical protein	LmjF35.0780	LinJ35.0880	LbrM34_V2.0770	-	-
Hypothetical protein	LmjF35.0920	LinJ35.1020	LbrM34_V2.0910	Tb927.5.710	511459.20
Ribosomal protein L32 like protein	LmjF35.1960	LinJ35.2110	LbrM34_V2.1870	-	-
Hypothetical protein	LmjF35.3580	LinJ35.3680	LbrM34_V2.3540	Tb927.5.2430	507087.60
Hypothetical protein	LmjF35.3650	LinJ35.3750	LbrM34_V2.3620	Tb09.211.2800	507009.70
Hypothetical protein	LmjF35.4490	LinJ35.4610	LbrM34_V2.4470	Tb09.211.1670	509551.90
L-ribulokinase	LmjF36.0060	LinJ36.2610	LbrM35_V2.0100	-	509757.49
Trypanothione synthatase-like protein	LmjF36.4300	LinJ36.6840	-	-	504147.280
Hypothetical protein	LmjF36.4310	LinJ36.6830	LbrM35_V2.4550	Tb106k15.0660	504147.260

Hypothetical protein	LmjF36.4600	LinJ36.5210	LbrM35_V2.4850	Tb10.6k15.0340	503847.50
Carboxypeptidase	LmjF36.6260	LinJ36.0120	LbrM35_V2.6580	-	-
Absent in *L. major*					
Hypothetical protein	LmjF02.0100	LinJ02.0080	LbrM02_V2.0110	-	411427.10
Hypothetical protein	LmjF04.0350	LinJ04.0350	LbrM04_V2.0380	-	-
Hypothetical protein	LmjF04.0465	LinJ04.0460	LbrM04_V2.0510	-	-
cyclopropane-fatty-acyl-phospholipid synthase, putative	-	LinJ08.0560	LbrM08_V2.0590	-	-
Pteridiine transporter ft5	LmjF10.0350	LinJ10.0660	LbrM10_V2.0370	-	-
Hypothetical protein	LmjF10.0425	LinJ10.0720	LbrM10_V2.0430	-	-
Hypothetical protein	LmjF11.0475	LinJ11.0480	LbrM11_V2.0160	-	-
Hypothetical protein	LmjF15.0595	LinJ15.0620	LbrM15_V2.0630	-	
Hypothetical protein	-	LinJ15.1280	LbrM15_V2.1300	-	
Flagellar calcium binding protein	LmjF16.0910	LinJ16.0950	LbrM16_V2.0920	Tb08.5H5.30	
Flagellar calcium binding protein	LMJF16.0920	LinJ16.0960	LbrM16_V2.0930	Tb08.5H5.50	
Hypothetical protein	LmjF16.1385	LinJ16.1450	LbrM16_V2.1440	Tb927.8.5050	
Phosphate repressible phosphate permease	-	LinJ20.0040	LbrM10_V2.0990	-	
Hypothetical protein	LmjF20.0355	LinJ20.0470	LbrM20_V2.4590	-	
Hypothetical protein	LmjF20.1475	LinJ20.1520	LbrM20_V2.5720	-	-
phosphoinositide-specific phosphatase C	LmjF22.1680	LinJ22.1500	LbrM22_V2.1590	Tb11.02.3780	504149.160
Hypothetical protein	LmjF23.0400	LinJ23.0440	LbrM23_V2.0440	-	-
Hypothetical protein	-	LinJ23.0980	LbrM23_V2.0930	-	-
Hypothetical protein	LmjF27.0745	LinJ31.1010	LbrM27_V2.0830	Tb11.47.0016	
Hypothetical protein	LmjF27.0875	LinJ27.0490	LbrM27_V2.0950	Tb11.47.0005	510797.20
Hypothetical protein	LmjF27.1470	LinJ27.2350	LbrM27_V 2.1610	Tb11.18.0012	503433.10
eukaryotic translation release factor	LmjF27.1710	LinJ27.1220	LbrM27_V2.1850	Tb11.22.0012	506127.110
Dynein heavy chain	LmjF27.2590	LinJ27.1940	LbrM27_V2.2710	Tb927.2.5270	505231.10
Hypothetical protein	LmjF28.1165	LinJ28.1220	LbrM28_V2.1260	-	-
Hypothetical protein	LmjF30.1220	LinJ30.1590	LbrM30_V2.1340	-	509965.20
Hypothetical protein	LmjF31.1165	LinJ31.1530	LbrM31_V2.1370	-	-
helicase	LmjF32.1590	LinJ32.1990	LbrM32_V2.1760	Tb11.01.6420	503677.20
Hypothetical protein	LmjF32.1630	LinJ32.2020	LbrM32_V2.1790	Tb11.01.6450	506221.129
Hypothetical protein	LmjF33.0115	LinJ33.0120	LbrM33_V2.0120	-	-
Hypothetical protein	LmjF33.3110	LinJ33.2910	LbrM33_V2.3400	Tb927.2.5820	511189.90
Histone H4	LmjF35.0015	LinJ35.0020	LbrM34_V2.0020	-	
Hypothetical protein	LmjF35.2725	LinJ35.2560	LbrM34_V2.2620	-	-
Absent in *L. infantum*					
lysophospholipase	LmjF24.1840	LinJ10.0030	LbrM24_V2.1910	Tb927.8.6390	506797.70
Hypothetical protein	LmjF27.0870	LinJ27.0480	LbrM27_V2.0940	Tb11.47.0006	510797.30
Hypothetical protein	LmjF29.2120	-	LbrM29_V2.2100	Tb927.3.4640	510329.120
Polynucleotide kinase 3'-phosphatase	LmjF30.0190	-	LbrM30_V2.0190	Tb927.6.1580	505807.190
Hypothetical protein	LmjF32.1790	LinJ32.2190	LbrM32_V2.1960	Tb11.01.6630	508445.60
Hypothetical protein	LmjF32.1950	LinJ32.2430	LbrM32_V2.2140	Tb11.01.6790	508443.10
Pseudogene or absent in all three species					
Zinc binding	LmjF03.0290	LinJ03.0140	-	-	-

dehydrogenase					
Fructose biphosphate aldolase	LmjF06.0400	LinJ06.0400	LbrM06_V2.0380	-	-
Hypothetical protein*	LmjF07.0745	LinJ07.0810	LbrM07_V2.0835	-	-
ATPase subunit 9	LmjF07.1105	LinJ07.1180	LbrM07_V2.1180	-	-
Fatty acid elongase	LmjF14.0665	LinJ14.0665	LbrM14_V2.0655	-	-
Hypothetical protein	LmjF14.0870	LinJ14.0910	LbrM14_V2.0840	Tb927.7.4050	506983.30
CMP-sialic acid transporter	LmjF20.1055	LinF20.1080	-	-	-
Hypothetical protein	LmjF21.0795	LinJ21.0715	LbrM21_V2.0880	-	-
carboxypeptidase	LmjF27.1245	LinJ27.0835	LbrM27_V2.1350	-	-
Phosphoglycerate kinase	LmjF27.1720	LinJ27.1230	-	Tb11.02.0010	506125.20
Hypothetical protein	-	-	LbrM28_V2.0580	-	-
Hypothetical protein	LmjF28.2965	LinJ28.3115	LbrM28_V2.3180	Tb11.01.2930	-
Hypothetical protein	-	-	LbrM29_V2.0740	-	506989.150
Hypothetical protein	-	-	LbrM29_V2.2060	see below[a]	-
Epsilon-adaptin	LmjF30.1545	LinJ30.1900	LbrM30_V2.1600	-	-
Glutamamyl carboxypeptidase	LmjF31.2660	LinJ31.3350	LbrM31_V2.3010	Tb927.8.1910	5107657.10
Glutamamyl carboxypeptidase	LmjF31.2785	LinJ31.3490	LbrM31_V2.3140	-	-
Mu-adaptin 4	LmjF31.3035	LinJ31.3760	LbrM31_V2.3420	Tb927.4.7050	505073.30
Clathrin assembly sigma-adaptin	LmjF32.0095	LinJ32.0455	LbrM32_V2.0150	Tb10.61.2530	506525.104
MAP Kinase	LmjF32.0795	LinJ32.1195	-	Tb11.01.5650	511727.230
Hypothetical protein	LmjF32.2405	LinJ32.2915	LbrM32_V2.2640	-	-
Hypothetical protein	LmjF32.2998	LinJ32.3540	LbrM32_V2.3280	-	508707.300
oxidoreductase	LmjF33.1770	LinJ33.2120	LbrM33_V2.2030	-	-
Hypothetical protein	LmjF33.3060	LinJ33.2860	LbrM33_V2.3340	-	506619.30
Hypothetical protein	LmjF34.3952	LinJ34.3510	LbrM20_V2.3570	-	-
Hypothetical protein	LmjF35.0480	LinJ35.0570	LbrM34_V2.0500	-	-
Hypothetical protein	LmjF35.4730	LinJ35.4850	LbrM34_V2.4700	-	-
Hypothetical protein	LmjF36.0325	LinJ36.2335	LbrM35_V2.0410	-	-
Beta adaptin	LmjF36.5595	LinJ36.6085	LbrM35_V2.5870	Tb10.6k15.1180	509799.10

* duplication followed by differentiation.

** Not assembled means that this sequence is not in the assembled contigs in GeneDB but is present in unassembled reads and small contigs that remain.

[a] putative orthologues not found in *T. brucei* or *T. cruzi* but sequence simialrity to a shotgun sequence of *T. vivax* (Tviv1634d12.p1k_2) available from http://www.sanger.ac.uk/Projects/T_vivax

Identifiers in red represent pseudogenes, those in black are considered as complete coding genes. “Degenerate” indicates pseudogenes that were too degenerate in nature to reconstitute conceptual protein coding regions. The table also contains a number of genes that appear to be pseudogenes in all three species.