

Supplementary Table A. Complete list of genes on *T. brucei* ChrI

Gene	5'-coord	3'-coord	Description	gene symbol
Tb927.1.05	1961	384	variant surface glycoprotein, putative	
Tb927.1.10	6871	7203	hypothetical protein	
Tb927.1.20	8555	7554	ESAG3, pseudogene	
Tb927.1.30	11158	11865	hypothetical protein	
Tb927.1.40	12733	12407	hypothetical protein	
Tb927.1.50	41283	41026	hypothetical protein, unlikely	
Tb927.1.60	43909	41927	RNA polymerase, pseudogene	
Tb927.1.70	46994	44937	Retrotransposon hot spot protein, RHS4i	
Tb927.1.80	50099	49869	hypothetical protein, unlikely	
Tb927.1.90	52205	50428	RHS, pseudogene	
Tb927.1.100	59283	57401	RNA polymerase, pseudogene	
Tb927.1.110	59858	60184	hypothetical protein, unlikely	
Tb927.1.120	62836	60266	Retrotransposon hot spot protein, RHS4I	
Tb927.1.130	66354	66151	hypothetical protein	
Tb927.1.140	66621	66499	hypothetical protein	
Tb927.1.150	67200	67081	hypothetical protein	
Tb927.1.160	67930	67643	hypothetical protein	
Tb927.1.170	68221	67988	hypothetical protein	
Tb927.1.180	72405	69904	Retrotransposon hot spot protein, RHS1c	
Tb927.1.190	77915	75424	RHS, pseudogene	
Tb927.1.200	80183	80518	hypothetical protein, unlikely	
Tb927.1.210	83454	83858	hypothetical protein, unlikely	
Tb927.1.220	88355	85854	Retrotransposon hot spot protein, RHS1b	
Tb927.1.230	90305	90700	hypothetical protein, unlikely	
Tb927.1.240	99081	91365	RHS, pseudogene	
Tb927.1.250	103589	103266	hypothetical protein, unlikely	
Tb927.1.260	106573	106271	hypothetical protein, unlikely	
Tb927.1.270	106654	107025	hypothetical protein	
Tb927.1.275	108058	110934	ESAG4, pseudogene	
Tb927.1.280	112381	112743	hypothetical protein	
Tb927.1.290	112972	117318	hypothetical leucine-rich repeat protein 1	
Tb927.1.300	122050	128711	RHS, pseudogene	
Tb927.1.310	129884	129633	hypothetical protein, unlikely	
Tb927.1.320	130249	131017	RHS, pseudogene	
Tb927.1.330	131944	131092	RHS1, pseudogene	
Tb927.1.340	132309	132683	hypothetical protein, unlikely	
Tb927.1.350	135438	133484	RHS, pseudogene	
Tb927.1.360	136397	136080	hypothetical protein, unlikely	
Tb927.1.370	144560	140214	hypothetical leucine-rich repeat protein 1	
Tb927.1.380	145151	144726	hypothetical protein	
Tb927.1.390	147175	147459	hypothetical protein	
Tb927.1.400	147842	148204	hypothetical protein	
Tb927.1.410	151277	153022	RHS3c, pseudogene	
Tb927.1.420	156384	158411	Retrotransposon hot spot protein, RHS5a	
Tb927.1.430	159343	166610	RHS2e, pseudogene	
Tb927.1.440	160434	165362	Ing1 (orf1), pseudogene	
Tb927.1.450	174089	167799	RHS, pseudogene	
Tb927.1.460	176376	176720	hypothetical protein, unlikely	
Tb927.1.470	181089	181451	hypothetical protein	
Tb927.1.480	181680	186029	hypothetical leucine-rich repeat protein 1	
Tb927.1.490	189837	190085	hypothetical protein	

Tb927.1.510	190759	196430	RHS, pseudogene	
Tb927.1.520	197204	198051	VSG, pseudogene	
Tb927.1.530	204017	203196	hypothetical protein	
Tb927.1.540	207807	204418	DNA-directed RNA polymerase III, putative	
Tb927.1.550	208479	208177	hypothetical protein, unlikely	
Tb927.1.560	210031	208703	conserved hypothetical protein	
Tb927.1.570	211419	210592	conserved hypothetical protein	
Tb927.1.580	214005	212455	phosphate-repressible phosphate permease,	
Tb927.1.590	216042	215626	hypothetical protein	
Tb927.1.600	217711	216164	phosphate-repressible phosphate permease,	
Tb927.1.610	218989	218081	hypothetical protein	
Tb927.1.620	219492	219175	hypothetical protein	
Tb927.1.630	220083	219568	anti-silencing protein ASF 1 like protein,	
Tb927.1.640	225673	220727	conserved hypothetical protein	
Tb927.1.650	226620	226021	hypothetical protein	
Tb927.1.660	227586	227413	hypothetical protein	
Tb927.1.670	229887	228043	conserved hypothetical protein	
Tb927.1.680	230632	230291	hypothetical protein, unlikely	
Tb927.1.690	231425	230694	hypothetical protein	
Tb927.1.700	233826	232504	phosphoglycerate kinase	PGKC
Tb927.1.710	235438	234176	phosphoglycerate kinase	PGKB
Tb927.1.720	237299	235770	phosphoglycerate kinase	PGKA
Tb927.1.730	239543	237834	hypothetical protein	
Tb927.1.740	241685	240378	hypothetical protein	
Tb927.1.750	245925	242278	hypothetical protein	
Tb927.1.760	248931	246646	hypothetical protein	
Tb927.1.770	249253	248981	hypothetical protein, unlikely	
Tb927.1.780	250595	249453	hypothetical protein	
Tb927.1.790	253387	250982	hypothetical protein	
Tb927.1.800	254093	253806	hypothetical protein, unlikely	
Tb927.1.810	254655	254257	hypothetical protein	
Tb927.1.820	256136	254856	hypothetical protein	
Tb927.1.830	259748	256902	hypothetical protein	
Tb927.1.840	260743	260024	hypothetical protein	
Tb927.1.850	261035	260760	hypothetical protein, unlikely	
Tb927.1.860	262067	261261	hypothetical protein	
Tb927.1.870	263580	262552	deoxyhypusine synthase, putative	
Tb927.1.880	278186	264384	conserved hypothetical protein	
Tb927.1.890	279201	278431	hypothetical protein	
Tb927.1.900	281577	281269	hypothetical protein	
Tb927.1.910	283206	283009	hypothetical protein	
Tb927.1.920	284545	284354	hypothetical protein	
Tb927.1.930	285471	285130	hypothetical protein	
Tb927.1.940	286328	285792	hypothetical protein	
Tb927.1.950	286565	286344	hypothetical protein, unlikely	
Tb927.1.960	287102	286791	hypothetical protein	
Tb927.1.970	287728	287417	hypothetical protein	
Tb927.1.980	288091	287978	hypothetical protein	
Tb927.1.990	288582	289706	hypothetical protein	
Tb927.1.1000	289893	291155	developmentally regulated phosphoprotein	
Tb927.1.1010	291585	293744	hypothetical protein	
Tb927.1.1020	294228	295508	hypothetical protein	
Tb927.1.1030	296968	298341	hypothetical protein	

Tb927.1.1040	298771	299280	hypothetical protein
Tb927.1.1050	300097	303453	conserved hypothetical protein
Tb927.1.1060	303934	304851	conserved hypothetical protein
Tb927.1.1070	305147	305380	hypothetical protein
Tb927.1.1080	305843	307300	conserved hypothetical protein
Tb927.1.1090	307648	308220	hypothetical protein
Tb927.1.1100	308704	311616	conserved hypothetical protein
Tb927.1.1110	311739	311906	hypothetical protein
Tb927.1.1120	312457	313566	conserved hypothetical protein
Tb927.1.1130	313980	315833	glycerol-3-phosphate dehydrogenase
Tb927.1.1140	316190	317263	conserved hypothetical protein
Tb927.1.1150	317829	319271	zeta tubulin
Tb927.1.1160	319653	321248	hypothetical protein
Tb927.1.1170	321388	321873	hypothetical protein
Tb927.1.1180	322693	323139	hypothetical protein
Tb927.1.1200	323197	324486	hypothetical protein
Tb927.1.1210	325554	325988	hypothetical protein
Tb927.1.1220	326712	327395	hypothetical protein
Tb927.1.1230	327663	329105	chaperone protein DNAJ, putative
Tb927.1.1240	330289	332058	cytidine triphosphate synthase, putative
Tb927.1.1250	332202	332513	hypothetical protein, unlikely
Tb927.1.1260	334180	333686	hypothetical protein, unlikely homocysteine S-methyltransferase, putative
Tb927.1.1270	334687	335988	
Tb927.1.1280	336062	336493	hypothetical protein, unlikely
Tb927.1.1290	337453	337776	hypothetical protein, unlikely
Tb927.1.1300	338098	339021	hypothetical protein
Tb927.1.1310	339557	340849	hypothetical protein
Tb927.1.1320	340881	341111	hypothetical protein
Tb927.1.1330	341299	342519	conserved hypothetical protein
Tb927.1.1340	342978	345206	hypothetical protein
Tb927.1.1350	345785	348445	kinesin heavy chain isoform 5c, putative
Tb927.1.1360	348721	349077	hypothetical protein
Tb927.1.1370	350095	352134	rRNA biogenesis protein, putative
Tb927.1.1380	353241	354962	serine/threonine protein phosphatase 2a
Tb927.1.1390	356937	357674	hypothetical protein
Tb927.1.1400	358355	358936	hypothetical protein
Tb927.1.1410	360099	359665	hypothetical protein, unlikely
Tb927.1.1420	360261	362252	hypothetical protein
Tb927.1.1430	363119	362667	hypothetical protein
Tb927.1.1440	363521	363327	hypothetical protein
Tb927.1.1450	364428	364207	hypothetical protein, unlikely
Tb927.1.1460	366324	366866	hypothetical protein
Tb927.1.1470	367865	369622	hypothetical protein
Tb927.1.1480	369800	370105	hypothetical protein
Tb927.1.1490	374032	373646	hypothetical protein, unlikely
Tb927.1.1500	374878	376872	hypothetical protein
Tb927.1.1510	378501	378094	hypothetical protein, unlikely
Tb927.1.1520	379597	379935	hypothetical protein, unlikely
Tb927.1.1530	385710	390938	protein kinase, putative
Tb927.1.1540	394806	396761	hypothetical protein
Tb927.1.1550	397190	399262	conserved hypothetical protein
Tb927.1.1560	399676	401853	vesicular-fusion protein NsF, putative;
Tb927.1.1570	403250	403615	hypothetical protein

Tb927.1.1580	403775	404680	SCO2 or SCO2 protein homolog, putative	
Tb927.1.1590	404939	405205	hypothetical protein, unlikely	
Tb927.1.1600	405678	410249	hypothetical protein	
Tb927.1.1610	411411	412223	hypothetical protein	
Tb927.1.1620	412960	415179	ATP-dependent RNA helicase, putative	
Tb927.1.1630	415685	416167	conserved hypothetical protein	
Tb927.1.1640	416752	417804	hypothetical protein	
Tb927.1.1650	418001	418510	hypothetical protein	
Tb927.1.1660	418829	419716	hypothetical protein	
Tb927.1.1670	420035	423280	hypothetical protein	
Tb927.1.1680	424666	425379	hypothetical protein	
Tb927.1.1690	425787	428240	TbMP90; RNA editing complex protein; nuclease,	TbMP90
Tb927.1.1700	428876	430357	hypothetical protein	
Tb927.1.1710	430943	436303	hypothetical protein	
Tb927.1.1720	436874	438166	hypothetical protein	
Tb927.1.1730	438709	440790	hypothetical protein	
Tb927.1.1740	441389	462853	hypothetical protein	
Tb927.1.1750	463474	464886	hypothetical protein	
Tb927.1.1760	465361	465801	hypothetical protein	
Tb927.1.1770	466913	467236	glutaredoxin, putative	
Tb927.1.1780	467566	467982	hypothetical protein	
Tb927.1.1790	468196	468879	hypothetical protein	
Tb927.1.1800	468994	469428	hypothetical protein	
Tb927.1.1810	470007	469672	hypothetical protein, unlikely	
Tb927.1.1820	470272	471417	hypothetical protein	
Tb927.1.1830	471622	471843	hypothetical protein, unlikely	
Tb927.1.1840	474175	475821	hypothetical protein	
Tb927.1.1850	479794	481677	hypothetical protein	
Tb927.1.1860	481791	482222	hypothetical protein	
Tb927.1.1870	483761	483922	hypothetical protein	
Tb927.1.1880	484190	488521	hypothetical protein	
Tb927.1.1890	489019	492543	hypothetical protein	
Tb927.1.1900	493441	493743	hypothetical protein	
Tb927.1.1910	493801	497577	hypothetical protein	
Tb927.1.1920	498194	499519	hypothetical protein	
Tb927.1.1930	501553	510264	phosphatidylinositol 3-kinase, putative	
Tb927.1.1940	511620	511964	hypothetical protein, unlikely	
Tb927.1.1950	511996	512232	hypothetical protein	
Tb927.1.1960	514039	516015	DNAJ-like protein, putative	
Tb927.1.1970	516161	516532	hypothetical protein	
Tb927.1.1980	516570	517472	hypothetical protein	
Tb927.1.1990	517754	518431	hypothetical protein	
Tb927.1.2000	518951	519181	hypothetical protein	
Tb927.1.2010	519284	519412	hypothetical protein	
Tb927.1.2020	520148	520453	hypothetical protein	
Tb927.1.2030	520933	520814	hypothetical protein, unlikely	
Tb927.1.2040	522462	521080	ESAG2 (expression site-associated gene 2)	ESAG2
Tb927.1.2050	522889	522530	hypothetical protein, unlikely	
Tb927.1.2060	524873	524736	hypothetical protein	
Tb927.1.2070	525252	524998	hypothetical protein	
Tb927.1.2080	526454	526047	hypothetical protein	
Tb927.1.2090	530093	530299	hypothetical protein, unlikely	
Tb927.1.2100	531583	535023	calpain-like protein, putative	

Tb927.1.2110	536277	538325	calpain-like protein, putative	
Tb927.1.2120	540718	542916	calpain-like protein, putative	
Tb927.1.2130	543136	543306	hypothetical protein	
Tb927.1.2140	545000	545302	hypothetical protein, unlikely	
Tb927.1.2150	546235	546657	calpain-like protein fragment, putative	
Tb927.1.2160	548865	549257	calpain-like protein fragment, putative	
Tb927.1.2170	550412	550035	hypothetical protein, unlikely	
Tb927.1.2180	552918	552469	hypothetical protein, unlikely	
Tb927.1.2190	553230	558473	conserved hypothetical protein	
Tb927.1.2200	559615	559872	hypothetical protein	
Tb927.1.2210	560164	561120	hypothetical protein	
Tb927.1.2220	561906	561478	hypothetical protein, unlikely	
Tb927.1.2230	562244	562615	calpain-like protein fragment, putative	
Tb927.1.2240	563641	563940	hypothetical protein, unlikely	
Tb927.1.2250	564132	564425	hypothetical protein, unlikely	
Tb927.1.2260	564977	565366	calpain-like protein fragment, putative	
Tb927.1.2270	565576	565704	hypothetical protein, unlikely	
Tb927.1.2280	565990	566436	hypothetical protein, unlikely	
Tb927.1.2290	566778	567119	hypothetical protein, unlikely	
Tb927.1.2300	567208	567531	hypothetical protein, unlikely	
Tb927.1.2310	567609	567878	hypothetical protein	
Tb927.1.2320	568650	569507	hypothetical protein	
Tb927.1.2330	570482	571810	beta tubulin	
Tb927.1.2340	572442	573797	alpha tubulin	
Tb927.1.2350	574124	575452	beta tubulin	
Tb927.1.2360	576084	577439	alpha tubulin	
Tb927.1.2370	577766	579094	beta tubulin	
Tb927.1.2380	579726	581081	alpha tubulin	
Tb927.1.2390	581408	582736	beta tubulin	
Tb927.1.2400	583368	584723	alpha tubulin	
Tb927.1.2410	585050	585950	beta tubulin, pseudogene	
Tb927.1.2420	591274	591804	hypothetical protein	
Tb927.1.2430	592496	592897	histone H3, putative	
Tb927.1.2440	593321	593605	hypothetical protein	
Tb927.1.2450	594079	594480	histone H3, putative	
Tb927.1.2460	594904	595188	hypothetical protein	
Tb927.1.2470	595663	596064	histone H3, putative	
Tb927.1.2480	596496	596780	hypothetical protein	
Tb927.1.2490	597255	597656	histone H3, putative	
Tb927.1.2500	598085	598366	hypothetical protein	
Tb927.1.2510	598841	599242	histone H3, putative	
Tb927.1.2520	599671	599952	hypothetical protein	
Tb927.1.2530	600427	600828	histone H3, putative	
Tb927.1.2540	601252	601536	hypothetical protein	
Tb927.1.2550	602011	602412	histone H3, putative	
Tb927.1.2560	602836	603120	hypothetical protein	
Tb927.1.2570	603482	606430	coatamer beta subunit RNasePH-like protein; exosome associated	beta-coP
Tb927.1.2580	607402	608595	protein	TbEAP1
Tb927.1.2590	609673	609245	hypothetical protein, unlikely RNA-binding regulatory protein (pumilio	
Tb927.1.2600	610030	612033	family),	
Tb927.1.2610	614209	614334	hypothetical protein, unlikely	
Tb927.1.2620	614937	614629	hypothetical protein, unlikely	
Tb927.1.2630	615632	615297	hypothetical protein, unlikely	

Tb927.1.2640	616596	617552	hypothetical protein	
Tb927.1.2650	617733	617984	hypothetical protein	
Tb927.1.2660	618162	618335	hypothetical protein, unlikely axoneme central apparatus protein, putative	
Tb927.1.2670	618929	620470	hypothetical protein	
Tb927.1.2680	621017	621307	hypothetical protein	
Tb927.1.2690	621728	622138	hypothetical protein	
Tb927.1.2700	622544	623776	hypothetical protein	
Tb927.1.2710	624700	626841	hypothetical protein	
Tb927.1.2720	626895	627206	hypothetical protein, unlikely	
Tb927.1.2730	628874	629938	hypothetical protein	
Tb927.1.2740	631269	632888	hypothetical protein	
Tb927.1.2750	633365	633871	hypothetical protein	
Tb927.1.2760	634113	634226	hypothetical protein	
Tb927.1.2770	634816	636027	hypothetical protein	
Tb927.1.2780	637506	637282	hypothetical protein	
Tb927.1.2790	638388	637714	hypothetical protein	
Tb927.1.2800	639211	639014	hypothetical protein, unlikely	
Tb927.1.2810	639869	640147	hypothetical protein, unlikely	
Tb927.1.2820	643237	641279	pteridine transporter, putative	
Tb927.1.2830	643319	643576	hypothetical protein, unlikely	
Tb927.1.2840	643864	644142	hypothetical protein, unlikely	
Tb927.1.2850	647235	645277	pteridine transporter, putative	
Tb927.1.2860	647317	647574	hypothetical protein, unlikely	
Tb927.1.2870	647862	648140	hypothetical protein, unlikely	
Tb927.1.2880	651238	649280	pteridine transporter, putative	
Tb927.1.2890	651320	651577	hypothetical protein, unlikely	
Tb927.1.2900	652247	652600	hypothetical protein, unlikely	
Tb927.1.2910	652719	652937	hypothetical protein, unlikely	
Tb927.1.2920	653941	654249	hypothetical protein	
Tb927.1.2930	654595	655062	hypothetical protein	
Tb927.1.2940	655066	655449	hypothetical protein	
Tb927.1.2950	655620	655889	hypothetical protein	
Tb927.1.2960	656007	656174	hypothetical protein, unlikely	
Tb927.1.2970	656593	657333	hypothetical protein	
Tb927.1.2980	658815	662354	hypothetical protein	
Tb927.1.2990	663658	666732	hypothetical protein	
Tb927.1.3000	667007	668215	N-acyl-L-amino acid amidohydrolase, putative	
Tb927.1.3010	668792	669910	conserved hypothetical protein	
Tb927.1.3020	670006	670218	hypothetical protein, unlikely	
Tb927.1.3030	670282	671532	TbREL2; RNA editing ligase; RNA editing complex	TbREL2
Tb927.1.3040	671848	672660	hypothetical protein	
Tb927.1.3050	673048	674727	hypothetical protein	
Tb927.1.3060	675081	675194	hypothetical protein, unlikely	
Tb927.1.3070	675213	676454	hypothetical protein	
Tb927.1.3080	676583	676891	hypothetical protein, unlikely	
Tb927.1.3090	677018	677170	hypothetical protein, unlikely	
Tb927.1.3100	677216	677485	hypothetical protein, unlikely	
Tb927.1.3110	677766	678611	soluble N-ethylmaleimide sensitive factor (NSF)	
Tb927.1.3120	679153	682632	separin (C50 family cysteine protease),	
Tb927.1.3130	683132	684631	protein kinase, putative	
Tb927.1.3140	684930	685094	hypothetical protein	

Tb927.1.3150	685542	686459	hypothetical protein
Tb927.1.3160	687105	687290	hypothetical protein
Tb927.1.3170	687336	688253	conserved hypothetical protein
Tb927.1.3180	688963	689487	40S ribosomal protein S11, putative
Tb927.1.3190	689689	689991	hypothetical protein, unlikely
Tb927.1.3200	690155	690820	phosphatase-like protein, putative
Tb927.1.3210	691036	691386	hypothetical protein
Tb927.1.3220	691797	693398	conserved hypothetical protein
Tb927.1.3230	694318	696465	cell division cycle protein, putative
Tb927.1.3240	696621	696731	hypothetical protein
Tb927.1.3250	697025	702331	hypothetical protein
Tb927.1.3260	703126	708786	hypothetical protein
Tb927.1.3270	709573	712308	hypothetical protein
Tb927.1.3280	712878	713735	conserved hypothetical protein
Tb927.1.3290	714237	717203	hypothetical protein
Tb927.1.3300	717984	720602	zinc-binding phosphatase, putative
Tb927.1.3310	722222	722980	hypothetical protein
Tb927.1.3320	724456	725505	hypothetical leucine rich repeat protein 3
Tb927.1.3330	725837	726058	hypothetical protein
Tb927.1.3340	726707	726895	hypothetical protein
Tb927.1.3350	727719	728189	hypothetical protein
Tb927.1.3360	728726	728538	hypothetical protein
Tb927.1.3370	729884	729441	hypothetical protein
Tb927.1.3380	730441	730833	hypothetical protein, unlikely
Tb927.1.3390	732211	731723	conserved hypothetical protein
Tb927.1.3400	733820	732771	conserved hypothetical protein
Tb927.1.3410	735953	734457	conserved hypothetical protein
Tb927.1.3420	736789	736607	hypothetical protein, unlikely
Tb927.1.3430	737368	737240	hypothetical protein, unlikely
Tb927.1.3440	737678	737433	hypothetical protein, unlikely
Tb927.1.3450	740132	737757	conserved hypothetical protein
Tb927.1.3460	740595	740185	hypothetical protein, unlikely
Tb927.1.3470	751679	751482	hypothetical protein
Tb927.1.3480	752156	751806	hypothetical protein, unlikely
Tb927.1.3490	753867	754265	hypothetical protein, unlikely
Tb927.1.3500	754577	754687	hypothetical protein, unlikely
Tb927.1.3510	754952	755146	hypothetical protein, unlikely
Tb927.1.3520	755215	755586	hypothetical protein, unlikely
Tb927.1.3530	755593	755892	hypothetical protein, unlikely
Tb927.1.3540	756471	756133	hypothetical protein
Tb927.1.3550	757868	756777	hypothetical protein
Tb927.1.3560	761284	758687	hypothetical protein
Tb927.1.3570	763568	763894	hypothetical protein, unlikely
Tb927.1.3580	764542	764150	hypothetical protein
Tb927.1.3590	765398	765114	hypothetical protein, unlikely
Tb927.1.3600	766087	765947	hypothetical protein, unlikely
Tb927.1.3610	766747	766154	hypothetical protein
Tb927.1.3620	766853	767080	hypothetical protein, unlikely
Tb927.1.3630	767968	767747	hypothetical protein
Tb927.1.3640	768476	768652	hypothetical protein, unlikely
Tb927.1.3650	769720	769457	hypothetical protein
Tb927.1.3660	771106	776346	ingi (orf1), pseudogene
Tb927.1.3670	776625	778766	hypothetical leucine-rich repeat protein 2
Tb927.1.3680	779505	779245	hypothetical protein, unlikely

Tb927.1.3690	785893	790650	ingi (orf1), pseudogene	
Tb927.1.3700	791451	791780	hypothetical protein, unlikely	
Tb927.1.3710	792345	791965	hypothetical protein, unlikely	
Tb927.1.3720	792779	792399	hypothetical protein, unlikely	
Tb927.1.3730	793345	793172	rRNA M2/180 small ribosomal RNA	
Tb927.1.3740	801841	802191	rRNA M4/140 small ribosomal RNA	
Tb927.1.3750	804064	803648	hypothetical protein	
Tb927.1.3760	806224	805538	hypothetical protein	
Tb927.1.3770	812771	812908	hypothetical protein	
Tb927.1.3780	812921	813322	hypothetical protein	
Tb927.1.3790	813502	813963	hypothetical protein	
Tb927.1.3800	814305	814850	hypothetical protein	
Tb927.1.3810	815033	815491	hypothetical protein	
Tb927.1.3820	815748	816149	ATP synthase subunit, putative glucose-6-phosphate isomerase, glycosomal	PGI
Tb927.1.3830	816419	818242	hypothetical protein	
Tb927.1.3840	818596	820566	hypothetical protein, unlikely	
Tb927.1.3850	821129	821290	conserved hypothetical protein	
Tb927.1.3860	822570	826118	hypothetical protein, unlikely	
Tb927.1.3870	826237	826380	conserved hypothetical protein	
Tb927.1.3880	827008	832221	hypothetical protein	
Tb927.1.3890	832456	832941	hypothetical protein, unlikely	
Tb927.1.3900	833504	833656	hypothetical protein	
Tb927.1.3910	833797	836520	hypothetical protein, unlikely	
Tb927.1.3920	836710	836967	hypothetical protein, unlikely	
Tb927.1.3930	837049	837288	conserved hypothetical protein	
Tb927.1.3940	837683	840421	alanine aminotransferase, putative	
Tb927.1.3950	840682	842391	hypothetical protein, unlikely	
Tb927.1.3960	842569	842733	hypothetical protein, unlikely	
Tb927.1.3970	842920	843066	hypothetical protein, unlikely	
Tb927.1.3980	843225	843425	hypothetical protein, unlikely	
Tb927.1.3990	843606	843812	hypothetical protein, unlikely	
Tb927.1.4000	843964	844257	hypothetical protein, unlikely	
Tb927.1.4010	844858	848607	conserved hypothetical protein	
Tb927.1.4020	848943	849479	hypothetical protein	
Tb927.1.4030	851425	851757	hypothetical protein, unlikely	
Tb927.1.4040	852809	854428	conserved hypothetical protein	
Tb927.1.4050	856511	859288	Ser/Thr protein phosphatase, putative	
Tb927.1.4060	859290	859595	hypothetical protein, unlikely	
Tb927.1.4070	859777	859995	hypothetical protein, unlikely	
Tb927.1.4080	860310	860480	hypothetical protein, unlikely	
Tb927.1.4090	861503	861703	hypothetical protein, unlikely cytochrome C oxidase subunit IV (PMID:12467979)	trCOIV
Tb927.1.4100	861807	862868	hypothetical protein, unlikely	
Tb927.1.4110	863428	862925	hypothetical protein, unlikely	
Tb927.1.4120	863902	863997	hypothetical protein	
Tb927.1.4130	864453	864815	conserved hypothetical protein	
Tb927.1.4140	864961	866070	hypothetical protein	
Tb927.1.4150	866280	866606	conserved hypothetical protein	
Tb927.1.4160	866968	867468	hypothetical protein, unlikely	
Tb927.1.4170	867629	867811	conserved hypothetical protein	
Tb927.1.4180	868118	870352	hypothetical protein, unlikely	
Tb927.1.4190	870361	870468	hypothetical protein, unlikely	
Tb927.1.4200	870824	870985	hypothetical protein	
Tb927.1.4210	871490	871669	hypothetical protein	

Tb927.1.4220	871778	873064	conserved hypothetical protein
Tb927.1.4230	873932	875212	conserved hypothetical protein
Tb927.1.4240	876016	875708	hypothetical protein, unlikely
Tb927.1.4250	876435	878804	conserved hypothetical protein
Tb927.1.4260	879128	879235	hypothetical protein, unlikely
Tb927.1.4270	880510	880157	hypothetical protein, unlikely
Tb927.1.4280	881086	883182	hypothetical protein
Tb927.1.4290	885763	886068	hypothetical protein
Tb927.1.4300	886299	887774	conserved hypothetical protein
Tb927.1.4310	890927	895843	conserved hypothetical protein
Tb927.1.4320	896858	897055	hypothetical protein, unlikely
Tb927.1.4330	897678	897842	hypothetical protein, unlikely
Tb927.1.4340	899638	901788	conserved hypothetical protein
Tb927.1.4350	901901	902287	hypothetical protein, unlikely
Tb927.1.4360	902621	902758	hypothetical protein, unlikely
Tb927.1.4370	903224	905026	hypothetical protein
Tb927.1.4380	906010	907602	conserved hypothetical protein
Tb927.1.4390	907733	907876	hypothetical protein, unlikely
Tb927.1.4400	908100	908966	hypothetical protein
Tb927.1.4410	909535	911871	hypothetical protein
Tb927.1.4420	912324	915161	ABC transporter, putative
Tb927.1.4430	915270	915539	hypothetical protein
Tb927.1.4440	915863	916498	hypothetical protein, unlikely
Tb927.1.4450	916553	920056	conserved hypothetical protein
Tb927.1.4460	920894	921106	hypothetical protein
Tb927.1.4470	921423	922754	hypothetical protein
Tb927.1.4480	923539	927993	conserved hypothetical protein
Tb927.1.4490	928858	929376	acetyltransferase, putative
Tb927.1.4500	932707	933594	conserved hypothetical protein
Tb927.1.4510	933794	934099	hypothetical protein
Tb927.1.4520	934943	937138	hypothetical protein
Tb927.1.4530	937516	937638	hypothetical protein, unlikely
Tb927.1.4540	939394	940977	hypothetical protein
Tb927.1.4550	941652	942035	hypothetical protein, unlikely
Tb927.1.4560	942522	944105	hypothetical protein
Tb927.1.4570	944779	945114	hypothetical protein, unlikely
Tb927.1.4580	945585	947168	hypothetical protein
Tb927.1.4590	947842	948225	hypothetical protein, unlikely
Tb927.1.4600	948712	950295	hypothetical protein
Tb927.1.4610	950339	950470	hypothetical protein, unlikely
Tb927.1.4620	950969	951370	hypothetical protein, unlikely
Tb927.1.4630	951841	953424	hypothetical protein
Tb927.1.4640	953468	953599	hypothetical protein, unlikely
Tb927.1.4650	954904	956334	hypothetical protein
Tb927.1.4660	957079	956636	hypothetical protein, unlikely
Tb927.1.4670	957612	957223	hypothetical protein, unlikely
Tb927.1.4680	962750	963745	hypothetical protein
Tb927.1.4690	964186	965223	arginine N-methyltransferase, putative
Tb927.1.4700	966037	966996	hypothetical protein
Tb927.1.4710	967788	968324	hypothetical protein
Tb927.1.4720	968784	970679	conserved hypothetical protein
Tb927.1.4730	971016	971492	hypothetical protein
Tb927.1.4740	971957	975136	conserved hypothetical protein
Tb927.1.4750	975344	975565	hypothetical protein, unlikely

Tb927.1.4760	975844	978930	conserved hypothetical protein	
Tb927.1.4770	979335	979487	hypothetical protein, unlikely	
Tb927.1.4780	979543	981555	conserved hypothetical protein	
Tb927.1.4790	981970	982341	hypothetical protein	
Tb927.1.4800	982545	983948	hypothetical protein	
Tb927.1.4810	984460	985912	hypothetical protein	
Tb927.1.4820	986076	986387	hypothetical protein	
Tb927.1.4830	986718	987620	phospholipase A1, putative	
Tb927.1.4840	988168	987821	hypothetical protein, unlikely	
Tb927.1.4850	988919	989137	hypothetical protein	
Tb927.1.4860	989446	989637	ESAG11, pseudogene	
Tb927.1.4870	989771	990757	ESAG1 (expression site-associated gene 1)	ESAG1
Tb927.1.4880	991536	991697	hypothetical protein	
Tb927.1.4890	992004	993368	ESAG2 (expression site-associated gene 2)	ESAG2
Tb927.1.4900	993544	994662	ESAG11 (expression site-associated gene 11)	ESAG11
Tb927.1.4910	994793	995767	ESAG1 (expression site-associated gene 1)	ESAG1
Tb927.1.4920	996672	997259	hypothetical protein	
Tb927.1.4930	998235	997882	hypothetical protein, unlikely	
Tb927.1.4940	998941	999138	hypothetical protein	
Tb927.1.4950	999600	999851	hypothetical protein	
Tb927.1.4960	1001301	1001525	hypothetical protein	
Tb927.1.4970	1001582	1002058	hypothetical protein	
Tb927.1.4980	1002297	1002404	hypothetical protein	
Tb927.1.4990	1002757	1002900	hypothetical protein	
Tb927.1.5000	1004308	1005123	hypothetical protein	
Tb927.1.5010	1006378	1006575	hypothetical protein	
Tb927.1.5020	1007260	1007418	hypothetical protein, unlikely	
Tb927.1.5030	1007804	1010011	hypothetical leucine-rich repeat protein 4	
Tb927.1.5040	1010282	1010515	hypothetical protein	
Tb927.1.5050	1012162	1012371	hypothetical protein	
Tb927.1.5060	1013265	1014302	variant surface glycoprotein, truncated	
Tb927.1.5070	1014345	1014479	hypothetical protein, unlikely	
Tb927.1.5080	1015395	1016174	ESAG9 (expression site-associated gene 9)	
Tb927.1.5090	1016683	1016862	ESAG1, pseudogene	
Tb927.1.5100	1018092	1019468	ESAG2 (expression site-associated gene 2)	ESAG2
Tb927.1.5110	1019645	1020739	ESAG11 (expression site-associated gene 11)	ESAG11
Tb927.1.5120	1020872	1021855	ESAG1 (expression site-associated gene 1)	ESAG1
Tb927.1.5130	1021859	1022026	hypothetical protein, unlikely	
Tb927.1.5140	1025107	1024733	hypothetical protein, unlikely	
Tb927.1.5150	1025766	1025861	hypothetical protein	
Tb927.1.5160	1026017	1026301	hypothetical protein	
Tb927.1.5170	1027246	1028607	variant surface glycoprotein (VSG), putative	
Tb927.1.5180	1028738	1028881	hypothetical protein	
Tb927.1.5190	1031293	1030952	hypothetical protein, unlikely	
Tb927.1.5200	1032145	1033116	ESAG1 (expression site-associated gene 1)	ESAG1
Tb927.1.5210	1034353	1034021	hypothetical protein, unlikely	

Tb927.1.5220	1035260	1036153	ESAG9 (expression site-associated gene 9)	ESAG9
Tb927.1.5230	1036550	1036245	hypothetical protein, unlikely	
Tb927.1.5240	1039808	1040794	ESAG1 (expression site-associated gene 1)	ESAG1
Tb927.1.5250	1041436	1041260	hypothetical protein	
Tb927.1.5260	1041565	1042104	hypothetical protein	
Tb927.1.5270	1047761	1047531	hypothetical protein, unlikely	
Tb927.1.5280	1049053	1047901	ESAG3, pseudogene	
Tb927.1.5290	1049677	1049405	hypothetical protein, unlikely	
Tb927.1.5300	1051560	1050169	variant surface glycoprotein (VSG), putative	
Tb927.1.5310	1053081	1053425	hypothetical protein, unlikely	
Tb927.1.5320	1055174	1053801	VSG, pseudogene	
Tb927.1.5330	1057855	1056242	variant surface glycoprotein (VSG), putative	

Note: pseudogenes are shown in grey