

Supplementary Table 1 - BAC (CHORI-251) and fosmid (CHORI-1251) clones:  
GenBank accession numbers and positions in chimpanzee Y sequence assembly

BAC (or fosmid) name	Accession number	Start position	End position
0270L13	AC185326	heterochromatin	
0626M17	?	heterochromatin	
0742J08	AC201946	heterochromatin	
0179K02	AC196580	1	100
0549O17	AC185324	5842	226930
0307J23	AC183800	177514	328217
0119H06	AC172374	237023	413136
0830G14	AC156805	270527	501148
0126G17	AC150278	437431	609404
0571L04	AC147478	558073	746209
P040D09	AC145884	690945	786709
C6658O15 (fosmid)	AC188430	753558	789869
C4458M09 (fosmid)	AC188681	798779	835887
0555D17	AC147112	812957	996300
0049H18	AC146461	857158	1027970
0175E24	AC147154	1004470	1161729
0310D09	AC151056	1072402	1208027
0394N14	AC170923	1197889	1374017
0708E09	AC161385	1341430	1541459
0400F04	AC163740	1414878	1574380
0429C12	AC148874	1471843	1640035
0607J05	AC156943	1608203	1801932
0013D13	AC147342	1735872	1881972
0285E07	AC147686	1737313	1913466
0440J18	AC149499	1849590	2026760
0073B01	AC147165	1979077	2143563
0259P23	AC146223	2019466	2201554
0100M04	AC150279	2026755	2166585
0389M10	AC147660	2182229	2358096
0589A04	AC150878	2353864	2380063
0262O17	AC158542	2430064	2604337
0653B19	AC163726	2553269	2760632
0719G18	AC192586	2661869	2849419
1076J06	AC188431	2758465	2933745
0879F11	AC163713	2923097	3136935
0329N07	AC147140	3207366	3356426
0154C04	AC146246	3265611	3454942
0527O19	AC174482	3295904	3445519
0503O01	AC147711	3484530	3638610
0412D24	AC147572	3549471	3715826
0528H06	AC147361	3638605	3808364
0267L18	AC147143	3763344	3950972
0514B08	AC146477	3866764	4081003
0166E05	AC146243	4036798	4198511

BAC (or fosmid) name	Accession number	Start position	End position
0071E10	AC147669	4103139	4255011
0501L04	AC147123	4238875	4451647
0475M05	AC146198	4347359	4567913
0506P22	AC147608	4504565	4699722
1005E11	AC163733	4581982	4760350
0901A09	AC160938	4756370	4968699
0327B12	AC147139	4858568	5023695
0624P14	AC159213	4912389	5105371
0017L10	AC147340	5116704	5281542
0595G08	AC152420	5190468	5351106
P053D10	AC144376	5368677	5581593
0430O09	AC147683	5427391	5603770
1018P19	AC163729	5557294	5753362
0110D07	AC154111	5685950	5871551
0387H09	AC146454	5805747	5966182
0514F15	AC159109	5916338	6097174
0036M01	AC149098	5952822	6153483
0126E24	AC148868	6107675	6278207
0086G03	AC146578	6145044	6333893
0346F02	AC151848	6319167	6466748
0094F01	AC147670	6362190	6534313
0481A23	AC145782	6448415	6632629
0559G23	AC146175	6610671	6838855
P031J01	AC146245	6812552	7001593
0014P15	AC147343	6911591	7188602
0267E22	AC147148	7106252	7257621
0039N14	AC188371	7307622	7498061
1124N09	AC175749	7343871	7520849
0895L14	AC195625	7476336	7707370
0541M01	AC156580	centromere	
1100D22	AC163730	centromere	
0479G24	AC163738	8207371	8403592
0513A23	AC150908	8353787	8549692
0425E12	AC147659	8519016	8688003
0460B07	AC146455	8590335	8801773
0196O07	AC147666	8785052	8974209
0410H20	AC147127	8879728	9048865
0485I07	AC148937	8938625	9123440
0061P08	AC147338	9047374	9221340
0416C12	AC150006	9297926	9476908
0336D20	AC147661	9460619	9621219
0052L13	AC147671	9517480	9676656
0770A15	AC155319	9565135	9750519
0372D20	AC147334	9737027	9948334
0095K02	AC147687	9782082	9994446
0028I08	AC147674	9929003	10122268
0511H17	AC147654	10009383	10251035

BAC (or fosmid) name	Accession number	Start position	End position
0008I14	AC149097	10219702	10397182
0041G22	AC148941	10310065	10553906
0198I11	AC148875	10447135	10629571
0272M11	AC148938	10553901	10744953
0563H18	AC147682	10689836	10886076
0134K23	AC147665	10797906	10988695
0114F17	AC147667	10966391	11148661
0096J19	AC148940	11048893	11231504
0967O08	AC164571	11141498	11366700
0724O09	AC175060	11300086	11496632
1067L06	AC172372	11466600	11659169
0620C08	AC184175	11629895	11836644
0115P04	AC163766	11677353	11862578
0518N19	AC147119	11912579	12154554
1133J04	AC161125	12060648	12264864
0261E10	AC151800	12201991	12351709
0113M04	AC146515	12270052	12453511
0087A18	AC147161	12362824	12546301
0503L14	AC148936	12501338	12707214
0238C14	AC147664	12705460	12865331
0558O08	AC147515	12889640	13098863
0548O14	AC147114	13014805	13243817
0571K07	AC148933	13180207	13351437
C6348J07 (fosmid)	AC184152	13331094	13365498
0842O13	AC161006	13404581	13605788
0001H10	AC147164	13514104	13702705
0852A24	AC159014	13550125	13753286
C6274C11 (fosmid)	AC188563	13715779	13755612
0589G05	AC155935	13765835	13967497
0550P11	AC147115	14001018	14203266
0531L07	AC147120	14155772	14330804
0479P21	AC159024	14268868	14455008
0688L09	AC163718	14423906	14647826
0533A11	AC159110	14569863	14744312
0268E10	AC149094	14730872	14906118
0517F03	AC146186	14863401	15050540
0497P09	AC147684	14948695	15179358
0390G11	AC147130	15090109	15270669
0509K23	AC146190	15185899	15399644
0505H04	AC147656	15245911	15483823
1098N21	AC150907	15323401	15516463
0401P11	AC174868	15576683	15728610
0589C01	AC163728	15701986	15908436
1059K06	AC186554	15854657	16029199
0828J24	AC163716	15991660	16156934
0330K12	AC186881	16008899	16211835
C2389D12 (fosmid)	AC148930	16343766	16379794

BAC (or fosmid) name	Accession number	Start position	End position
0148B21	AC146250	16389676	16565026
0057I02	AC146268	16455461	16651196
P020D17	AC144378	16643441	16837680
0433L14	AC147657	16674708	16847965
0422I09	AC147571	16718483	16888318
0565F21	AC146168	16884396	17067922
0375D06	AC146209	16990727	17163492
0141L12	AC149095	17111283	17281859
0483E09	AC147477	17270000	17483500
0229E22	AC146459	17417463	17608892
0565H17	AC147110	17524310	17698981
0223P03	AC146513	17691201	17850264
P001K04	AC142345	17766228	17980149
P012I19	AC139190	17905309	18064607
P135J09	AC142308	18061643	18210164
P002P22	AC144429	18178612	18328025
0228G02	AC146231	18281021	18447938
P043D18	AC142325	18374333	18574196
0230I19	AC147147	18574196	18717585
0483N03	AC146452	18660186	18874396
0176K11	AC146239	18815122	18995252
0070I12	AC147336	18906559	19101408
0065E18	AC147339	19024182	19203117
C1825H08 (fosmid)	AC148924	19191396	19223124
C0124C12 (fosmid)	AC148472	19240641	19273497
C3278C11 (fosmid)	AC148931	19249276	19282776
C0653B12 (fosmid)	AC148925	19274944	19312061
C1322F05 (fosmid)	AC148474	19308805	19343645
0113A06	AC146257	19342678	19517200
0330N17	AC146457	19498563	19661375
0304A22	AC147663	19619782	19782624
0272J24	AC147662	19619783	19776876
P021M11	AC142354	19668070	19832330
0137M10	AC147158	19776870	19944008
0334C01	AC147136	19926413	20088266
0409D17	AC146478	20064740	20214296
0424F05	AC146479	20150545	20313794
0118B18	AC146253	20284026	20437747
0128L22	AC146254	20415396	20592636
0103N03	AC146514	20566499	20760847
0008K07	AC147345	20659872	20890585
0212L01	AC146235	20819259	20982828
0490J23	AC146194	20939506	21122274
0548L16	AC146183	21077728	21311870
0552K12	AC146450	21298007	21470078
0372A19	AC147133	21362524	21554598
0417F24	AC146203	21525540	21687859

BAC (or fosmid) name	Accession number	Start position	End position
C1187E02 (fosmid)	AC152004	21682855	21722765
C3184H06 (fosmid)	AC151109	21758191	21794920
0267E02	AC146218	21776577	21979591
0278J22	AC147144	21969416	22148373
0540L24	AC146182	22054522	22305994
0295K11	AC146214	22285601	22457752
0062I10	AC146261	22416035	22577122
0170A15	AC146238	22505337	22674889
0473C15	AC147710	22608884	22807576
0163E09	AC146242	22740840	22883697
P097L01	AC142296	22812163	22970394
0580N02	AC151722	22889307	23046065
P051P09	AC142316	22993192	23140701
0026F19	AC146271	23003307	23202461
0056H02	AC149789	23155739	23329603
0549P23	AC146290	23253697	23430042
0450H03	AC146197	23318235	23499773
P164C02	AC139194	23484381	23666963
0013F15	AC147673	23532576	23697159
P044N16	AC139192	23547201	23697159
0072D14	AC146458	23681632	23831855
0205A10	AC147151	23699097	23873467
0557M20	AC148934	23758806	23928203
0675K05	AC159015	23859307	24039307
0050I16	AC148876	23906892	24092232
0006P20	AC147675	23992100	24174291
P007D03	AC139189	24102860	24269449
0510F17	AC146453	24210770	24375629
P057F23	AC142319	24306583	24521672
0058K21	AC147672	24491135	24681366
0299B14	AC146215	24635720	24799495
0104M09	AC147337	24706666	24874692
0140O11	AC146249	24851970	25025049
0284M11	AC146219	24973067	25117513
0656P08	AC151479	25077613	25256606
0199F20	AC146234	25142910	25375213
0483N24	AC146193	25243600	25398795
0031E16	AC147341	25343713	25536876
0454A18	AC146484	25518234	25723311
0189A13	AC146577	25611702	25775375
P010N24	AC145936	25703338	25874987
0576K13	AC145770	25827433	26004475
0395K13	AC146206	25991696	26178303
0004O16	AC147344	26004475	26166429
0549F12	AC146174	26126119	26317942
0490L21	AC146189	26263381	26443669