

Supplementary table S1. Molecular markers whose repeat allele length spectrum are private to particular subspecies or species. The first column shows the subspecies/species name, the second and third show the locus position in the human genome reference (hg19 and hg20), the fourth column shows the number of times the repeat unit is present (impurities may be present), is repeated, the fifth column shows the repeat unit found in the human genome reference.

Organism	Starting position in hg19	Starting position in hg20	Repeat copy number	Repeat unit
Gorilla_beringei_graueri	chr1:7083672	chr1:7023612	8	A
Gorilla_beringei_graueri	chr1:14093764	chr1:13767269	12	T
Gorilla_beringei_graueri	chr1:15955247	chr1:15628752	10	T
Gorilla_beringei_graueri	chr1:20533826	chr1:20207333	8	A
Gorilla_beringei_graueri	chr1:23479025	chr1:23152532	16	T
Gorilla_beringei_graueri	chr1:23521873	chr1:23195380	8	G
Gorilla_beringei_graueri	chr1:25169191	chr1:24842700	9	T
Gorilla_beringei_graueri	chr1:28350797	chr1:28024286	6	T
Gorilla_beringei_graueri	chr1:31940091	chr1:31467244	10	T
Gorilla_beringei_graueri	chr1:34394952	chr1:33929351	6	A
Gorilla_beringei_graueri	chr1:39012313	chr1:38546641	11	A
Gorilla_beringei_graueri	chr1:42705143	chr1:42239472	9	T
Gorilla_beringei_graueri	chr1:45017357	chr1:44551685	6	A
Gorilla_beringei_graueri	chr1:47506462	chr1:47040790	8	T
Gorilla_beringei_graueri	chr1:49659951	chr1:49194279	9	T
Gorilla_beringei_graueri	chr1:50670732	chr1:50205060	9	A
Gorilla_beringei_graueri	chr1:60774074	chr1:60308402	8	A
Gorilla_beringei_graueri	chr1:65560251	chr1:65094568	9	T
Gorilla_beringei_graueri	chr1:69759720	chr1:69294037	9	A
Gorilla_beringei_graueri	chr1:72567959	chr1:72102276	8	C
Gorilla_beringei_graueri	chr1:75041610	chr1:74575926	7	T
Gorilla_beringei_graueri	chr1:75969694	chr1:75504009	10	T
Gorilla_beringei_graueri	chr1:76354148	chr1:75888463	14	T
Gorilla_beringei_graueri	chr1:76969256	chr1:76503571	8	T
Gorilla_beringei_graueri	chr1:77327274	chr1:76861589	7	A
Gorilla_beringei_graueri	chr1:77510627	chr1:77044942	11	A
Gorilla_beringei_graueri	chr1:79970169	chr1:79504484	6	A
Gorilla_beringei_graueri	chr1:80125176	chr1:79659491	9	T
Gorilla_beringei_graueri	chr1:82119445	chr1:81653760	6	A
Gorilla_beringei_graueri	chr1:84333542	chr1:83867859	9	A
Gorilla_beringei_graueri	chr1:85146187	chr1:84680504	7	A
Gorilla_beringei_graueri	chr1:85824779	chr1:85359096	8	T

Gorilla_beringei_graueri	chr1:88271283	chr1:87805600	7	A
Gorilla_beringei_graueri	chr1:91404577	chr1:90939020	2	TGA
Gorilla_beringei_graueri	chr1:94504533	chr1:94038977	9	A
Gorilla_beringei_graueri	chr1:98937287	chr1:98471731	8	T
Gorilla_beringei_graueri	chr1:99752085	chr1:99286529	8	A
Gorilla_beringei_graueri	chr1:100176196	chr1:99710640	10	A
Gorilla_beringei_graueri	chr1:100934434	chr1:100468878	15	T
Gorilla_beringei_graueri	chr1:101375527	chr1:100909971	10	A
Gorilla_beringei_graueri	chr1:101864177	chr1:101398621	11	T
Gorilla_beringei_graueri	chr1:102681516	chr1:102215960	7	A
Gorilla_beringei_graueri	chr1:104606870	chr1:104064248	6	A
Gorilla_beringei_graueri	chr1:107620902	chr1:107078280	9	T
Gorilla_beringei_graueri	chr1:155655268	chr1:155685477	4	A
Gorilla_beringei_graueri	chr1:155981311	chr1:156011520	10	T
Gorilla_beringei_graueri	chr1:159536278	chr1:159566488	12	A
Gorilla_beringei_graueri	chr1:164319748	chr1:164350511	8	A
Gorilla_beringei_graueri	chr1:166910899	chr1:166941662	20	T
Gorilla_beringei_graueri	chr1:167007107	chr1:167037870	8	T
Gorilla_beringei_graueri	chr1:170202124	chr1:170232983	7	T
Gorilla_beringei_graueri	chr1:171553890	chr1:171584751	8	T
Gorilla_beringei_graueri	chr1:171644921	chr1:171675781	6	T
Gorilla_beringei_graueri	chr1:175537443	chr1:175568307	16	T
Gorilla_beringei_graueri	chr1:186652823	chr1:186683691	9	T
Gorilla_beringei_graueri	chr1:191054143	chr1:191085013	13	A
Gorilla_beringei_graueri	chr1:199367722	chr1:199398594	10	T
Gorilla_beringei_graueri	chr1:200002532	chr1:200033404	11	A
Gorilla_beringei_graueri	chr1:200481836	chr1:200512708	7	T
Gorilla_beringei_graueri	chr1:202739814	chr1:202770686	8	A
Gorilla_beringei_graueri	chr1:205114009	chr1:205144881	7	A
Gorilla_beringei_graueri	chr1:210338574	chr1:210165229	10	A
Gorilla_beringei_graueri	chr1:212197565	chr1:212024223	9,11	T
Gorilla_beringei_graueri	chr1:214493970	chr1:214320627	15	A
Gorilla_beringei_graueri	chr1:215450314	chr1:215276971	13	T
Gorilla_beringei_graueri	chr1:216053435	chr1:215880093	6	T
Gorilla_beringei_graueri	chr1:216062756	chr1:215889414	8	T
Gorilla_beringei_graueri	chr1:216571635	chr1:216398293	9	A
Gorilla_beringei_graueri	chr1:218918031	chr1:218744689	6	A
Gorilla_beringei_graueri	chr1:219410728	chr1:219237386	5	TG
Gorilla_beringei_graueri	chr1:223559896	chr1:223386554	8	T
Gorilla_beringei_graueri	chr1:226495857	chr1:226308156	8	T

Gorilla_beringei_graueri	chr1:233183889	chr1:233048143	9	A
Gorilla_beringei_graueri	chr1:235073902	chr1:234938155	11	T
Gorilla_beringei_graueri	chr1:239598952	chr1:239435652	7	A
Gorilla_beringei_graueri	chr1:240607315	chr1:240444015	9	T
Gorilla_beringei_graueri	chr1:242345621	chr1:242182319	11	T
Gorilla_beringei_graueri	chr1:244571937	chr1:244408635	8	T
Gorilla_beringei_graueri	chr2:3944806	chr2:3897216	12,13	T
Gorilla_beringei_graueri	chr2:6372100	chr2:6231968	9	T
Gorilla_beringei_graueri	chr2:14391608	chr2:14251484	11	T
Gorilla_beringei_graueri	chr2:18110112	chr2:17928845	8	T
Gorilla_beringei_graueri	chr2:21941151	chr2:21718279	10	T
Gorilla_beringei_graueri	chr2:25176454	chr2:24953585	9	T
Gorilla_beringei_graueri	chr2:25617412	chr2:25394543	6	A
Gorilla_beringei_graueri	chr2:29650024	chr2:29427158	8,9	G
Gorilla_beringei_graueri	chr2:36477529	chr2:36250386	8	T
Gorilla_beringei_graueri	chr2:36487848	chr2:36260705	15	A
Gorilla_beringei_graueri	chr2:36649403	chr2:36422260	9	A
Gorilla_beringei_graueri	chr2:40690652	chr2:40463512	4	TC
Gorilla_beringei_graueri	chr2:41192111	chr2:40964971	11	T
Gorilla_beringei_graueri	chr2:46662934	chr2:46435795	7	A
Gorilla_beringei_graueri	chr2:53179305	chr2:52952167	12	A
Gorilla_beringei_graueri	chr2:63273009	chr2:63045874	4	TTG
Gorilla_beringei_graueri	chr2:63516079	chr2:63288944	10	T
Gorilla_beringei_graueri	chr2:74378190	chr2:74151063	13	T
Gorilla_beringei_graueri	chr2:77112080	chr2:76884954	6	A
Gorilla_beringei_graueri	chr2:79082775	chr2:78855649	12	T
Gorilla_beringei_graueri	chr2:79573798	chr2:79346672	7	T
Gorilla_beringei_graueri	chr2:82185251	chr2:81958127	8	A
Gorilla_beringei_graueri	chr2:90101930	chr2:90063088	10	T
Gorilla_beringei_graueri	chr2:102971408	chr2:102354948	10	T
Gorilla_beringei_graueri	chr2:104185147	chr2:103568689	8	A
Gorilla_beringei_graueri	chr2:106373818	chr2:105757361	8	T
Gorilla_beringei_graueri	chr2:106465382	chr2:105848926	7	T
Gorilla_beringei_graueri	chr2:107983135	chr2:107366679	14	A
Gorilla_beringei_graueri	chr2:108690483	chr2:108074027	9	A
Gorilla_beringei_graueri	chr2:122118542	chr2:121360966	12	A
Gorilla_beringei_graueri	chr2:124817183	chr2:124059606	17	T
Gorilla_beringei_graueri	chr2:125647374	chr2:124889797	16	T
Gorilla_beringei_graueri	chr2:126454681	chr2:125697104	6	A
Gorilla_beringei_graueri	chr2:130402729	chr2:129645156	9	T

Gorilla_beringei_graueri	chr2:132799180	chr2:132041607	7	T
Gorilla_beringei_graueri	chr2:138697837	chr2:137940267	10	T
Gorilla_beringei_graueri	chr2:141512581	chr2:140755012	17	A
Gorilla_beringei_graueri	chr2:143223884	chr2:142466315	18	T
Gorilla_beringei_graueri	chr2:144381556	chr2:143623987	10	A
Gorilla_beringei_graueri	chr2:147848455	chr2:147090887	11	A
Gorilla_beringei_graueri	chr2:148181592	chr2:147424024	10	A
Gorilla_beringei_graueri	chr2:149217754	chr2:148460185	10,11	T
Gorilla_beringei_graueri	chr2:150918502	chr2:150061988	8	T
Gorilla_beringei_graueri	chr2:153896790	chr2:153040276	10	T
Gorilla_beringei_graueri	chr2:154386120	chr2:153529607	9	A
Gorilla_beringei_graueri	chr2:157893536	chr2:157037024	11,12	T
Gorilla_beringei_graueri	chr2:161558795	chr2:160702284	9	T
Gorilla_beringei_graueri	chr2:161572575	chr2:160716064	10	A
Gorilla_beringei_graueri	chr2:161671169	chr2:160814658	6	T
Gorilla_beringei_graueri	chr2:164963091	chr2:164106581	8	A
Gorilla_beringei_graueri	chr2:166082430	chr2:165225920	10	T
Gorilla_beringei_graueri	chr2:169442893	chr2:168586383	10	T
Gorilla_beringei_graueri	chr2:172749493	chr2:171892983	12,13	A
Gorilla_beringei_graueri	chr2:176698027	chr2:175833299	7	T
Gorilla_beringei_graueri	chr2:177606012	chr2:176741284	10	T
Gorilla_beringei_graueri	chr2:181141439	chr2:180276712	7,13	T
Gorilla_beringei_graueri	chr2:187158702	chr2:186293975	6	A
Gorilla_beringei_graueri	chr2:187528484	chr2:186663757	8	T
Gorilla_beringei_graueri	chr2:188594144	chr2:187729417	8	T
Gorilla_beringei_graueri	chr2:188726673	chr2:187861946	8	A
Gorilla_beringei_graueri	chr2:193910155	chr2:193045429	11	A
Gorilla_beringei_graueri	chr2:194540217	chr2:193675493	11	A
Gorilla_beringei_graueri	chr2:195306768	chr2:194442044	14	A
Gorilla_beringei_graueri	chr2:206077942	chr2:205213218	10	T
Gorilla_beringei_graueri	chr2:206110955	chr2:205246231	21	T
Gorilla_beringei_graueri	chr2:208437933	chr2:207573209	14	T
Gorilla_beringei_graueri	chr2:212312108	chr2:211447383	10	A
Gorilla_beringei_graueri	chr2:214715617	chr2:213850893	8	T
Gorilla_beringei_graueri	chr2:218128384	chr2:217263661	8	T
Gorilla_beringei_graueri	chr2:223579255	chr2:222714536	2	CAA
Gorilla_beringei_graueri	chr2:226458554	chr2:225593838	13	A
Gorilla_beringei_graueri	chr2:227061491	chr2:226196775	7	A
Gorilla_beringei_graueri	chr2:227871267	chr2:227006551	9	T
Gorilla_beringei_graueri	chr2:228026103	chr2:227161387	8	A

Gorilla_beringei_graueri	chr2:228041788	chr2:227177072	11	T
Gorilla_beringei_graueri	chr2:228845657	chr2:227980941	10	T
Gorilla_beringei_graueri	chr2:231140318	chr2:230275603	8	A
Gorilla_beringei_graueri	chr2:231282535	chr2:230417820	9	T
Gorilla_beringei_graueri	chr2:232733071	chr2:231868361	12	A
Gorilla_beringei_graueri	chr2:237689849	chr2:236781206	7	A
Gorilla_beringei_graueri	chr2:238182707	chr2:237274064	11	A
Gorilla_beringei_graueri	chr3:1383772	chr3:1342088	7	A
Gorilla_beringei_graueri	chr3:2918152	chr3:2876468	9	T
Gorilla_beringei_graueri	chr3:4918958	chr3:4877274	9	A
Gorilla_beringei_graueri	chr3:7198644	chr3:7156957	11	A
Gorilla_beringei_graueri	chr3:9115746	chr3:9074062	8	T
Gorilla_beringei_graueri	chr3:13040160	chr3:12998660	8	A
Gorilla_beringei_graueri	chr3:14057856	chr3:14016356	10	T
Gorilla_beringei_graueri	chr3:14227370	chr3:14185870	8	A
Gorilla_beringei_graueri	chr3:14231150	chr3:14189650	9	T
Gorilla_beringei_graueri	chr3:17447689	chr3:17406197	8	T
Gorilla_beringei_graueri	chr3:18184877	chr3:18143385	11	A
Gorilla_beringei_graueri	chr3:20390760	chr3:20349268	10	A
Gorilla_beringei_graueri	chr3:29965115	chr3:29923624	9	A
Gorilla_beringei_graueri	chr3:34554207	chr3:34512715	5	TTA
Gorilla_beringei_graueri	chr3:45811301	chr3:45769809	7	A
Gorilla_beringei_graueri	chr3:49683617	chr3:49646184	8	A
Gorilla_beringei_graueri	chr3:55603481	chr3:55569453	8	A
Gorilla_beringei_graueri	chr3:63908331	chr3:63922655	8	T
Gorilla_beringei_graueri	chr3:64774875	chr3:64789199	8	T
Gorilla_beringei_graueri	chr3:65140187	chr3:65154512	12	T
Gorilla_beringei_graueri	chr3:65446154	chr3:65460479	8	T
Gorilla_beringei_graueri	chr3:70062437	chr3:70013286	7	A
Gorilla_beringei_graueri	chr3:75007767	chr3:74958616	11	A
Gorilla_beringei_graueri	chr3:76214211	chr3:76165060	8	T
Gorilla_beringei_graueri	chr3:77091631	chr3:77042480	9	T
Gorilla_beringei_graueri	chr3:77592391	chr3:77543240	8	A
Gorilla_beringei_graueri	chr3:82024212	chr3:81975061	9	T
Gorilla_beringei_graueri	chr3:82286889	chr3:82237738	11	A
Gorilla_beringei_graueri	chr3:82314550	chr3:82265399	6	A
Gorilla_beringei_graueri	chr3:83280911	chr3:83231760	10	A
Gorilla_beringei_graueri	chr3:83371368	chr3:83322217	14	A
Gorilla_beringei_graueri	chr3:87160357	chr3:87111207	21	T
Gorilla_beringei_graueri	chr3:89081800	chr3:89032650	7	A

Gorilla_beringei_graueri	chr3:89505281	chr3:89456131	8	T
Gorilla_beringei_graueri	chr3:99057670	chr3:99338826	7	T
Gorilla_beringei_graueri	chr3:102410443	chr3:102691599	8	T
Gorilla_beringei_graueri	chr3:104269788	chr3:104550944	10	A
Gorilla_beringei_graueri	chr3:104882005	chr3:105163161	10	A
Gorilla_beringei_graueri	chr3:107527516	chr3:107808669	6	A
Gorilla_beringei_graueri	chr3:107934415	chr3:108215568	16	A
Gorilla_beringei_graueri	chr3:109614825	chr3:109895978	7	A
Gorilla_beringei_graueri	chr3:111493218	chr3:111774371	7	A
Gorilla_beringei_graueri	chr3:112627156	chr3:112908309	10	T
Gorilla_beringei_graueri	chr3:114232726	chr3:114513879	8	A
Gorilla_beringei_graueri	chr3:115509513	chr3:115790666	6	A
Gorilla_beringei_graueri	chr3:116340196	chr3:116621349	9	A
Gorilla_beringei_graueri	chr3:117016977	chr3:117298130	9	A
Gorilla_beringei_graueri	chr3:118100867	chr3:118382020	9	A
Gorilla_beringei_graueri	chr3:119879771	chr3:120160924	10	A
Gorilla_beringei_graueri	chr3:121007709	chr3:121288862	10	T
Gorilla_beringei_graueri	chr3:121543670	chr3:121824823	9	A
Gorilla_beringei_graueri	chr3:121586354	chr3:121867507	13	A
Gorilla_beringei_graueri	chr3:122479391	chr3:122760544	12	T
Gorilla_beringei_graueri	chr3:123681344	chr3:123962497	9	T
Gorilla_beringei_graueri	chr3:132323405	chr3:132604561	8	T
Gorilla_beringei_graueri	chr3:132683036	chr3:132964192	11	A
Gorilla_beringei_graueri	chr3:139905912	chr3:140187070	8	T
Gorilla_beringei_graueri	chr3:143303756	chr3:143584914	3	CTC
Gorilla_beringei_graueri	chr3:149762299	chr3:150044512	8	A
Gorilla_beringei_graueri	chr3:151878644	chr3:152160855	4	GTT
Gorilla_beringei_graueri	chr3:152108049	chr3:152390260	14	T
Gorilla_beringei_graueri	chr3:152120929	chr3:152403140	14	A
Gorilla_beringei_graueri	chr3:152584722	chr3:152866933	13	T
Gorilla_beringei_graueri	chr3:154434061	chr3:154716272	8	T
Gorilla_beringei_graueri	chr3:155418548	chr3:155700759	10	A
Gorilla_beringei_graueri	chr3:159303921	chr3:159586132	11	A
Gorilla_beringei_graueri	chr3:161144526	chr3:161426738	12,11	A
Gorilla_beringei_graueri	chr3:161212555	chr3:161494767	9	T
Gorilla_beringei_graueri	chr3:165839956	chr3:166122168	7	A
Gorilla_beringei_graueri	chr3:166008114	chr3:166290326	10	A
Gorilla_beringei_graueri	chr3:166622381	chr3:166904593	12	T
Gorilla_beringei_graueri	chr3:168162210	chr3:168444422	16,13	A
Gorilla_beringei_graueri	chr3:168581267	chr3:168863479	8	T

Gorilla_beringei_graueri	chr3:170772753	chr3:171054964	10	A
Gorilla_beringei_graueri	chr3:171724073	chr3:172006283	8	T
Gorilla_beringei_graueri	chr3:173157503	chr3:173439713	10	A
Gorilla_beringei_graueri	chr3:173808263	chr3:174090473	20	A
Gorilla_beringei_graueri	chr3:174470891	chr3:174753101	24	T
Gorilla_beringei_graueri	chr3:174638022	chr3:174920232	2	CTC
Gorilla_beringei_graueri	chr3:174657312	chr3:174939522	10	T
Gorilla_beringei_graueri	chr3:176752732	chr3:177034944	9	A
Gorilla_beringei_graueri	chr3:184242506	chr3:184524718	13	A
Gorilla_beringei_graueri	chr3:186276699	chr3:186558910	16	T
Gorilla_beringei_graueri	chr3:187525701	chr3:187807913	15	T
Gorilla_beringei_graueri	chr3:191484525	chr3:191766736	17	T
Gorilla_beringei_graueri	chr3:191748501	chr3:192030712	8	A
Gorilla_beringei_graueri	chr3:192078485	chr3:192360696	11,12	T
Gorilla_beringei_graueri	chr3:194153658	chr3:194432929	10	A
Gorilla_beringei_graueri	chr3:194517254	chr3:194796525	8	T
Gorilla_beringei_graueri	chr4:1591203	chr4:1589476	14	T
Gorilla_beringei_graueri	chr4:2039291	chr4:2037564	16	A
Gorilla_beringei_graueri	chr4:9825056	chr4:9823432	10	T
Gorilla_beringei_graueri	chr4:12143573	chr4:12141949	18	T
Gorilla_beringei_graueri	chr4:13001843	chr4:13000219	6	A
Gorilla_beringei_graueri	chr4:15526378	chr4:15524755	10	T
Gorilla_beringei_graueri	chr4:18917013	chr4:18915390	12	T
Gorilla_beringei_graueri	chr4:19201605	chr4:19199982	10	T
Gorilla_beringei_graueri	chr4:20534019	chr4:20532396	9	T
Gorilla_beringei_graueri	chr4:22407774	chr4:22406151	6	T
Gorilla_beringei_graueri	chr4:22895854	chr4:22894231	9	A
Gorilla_beringei_graueri	chr4:22991470	chr4:22989847	6	T
Gorilla_beringei_graueri	chr4:23270704	chr4:23269081	9	A
Gorilla_beringei_graueri	chr4:23806854	chr4:23805231	9	A
Gorilla_beringei_graueri	chr4:23820599	chr4:23818976	11	A
Gorilla_beringei_graueri	chr4:29545954	chr4:29544332	5	ATA
Gorilla_beringei_graueri	chr4:38777340	chr4:38775719	9	A
Gorilla_beringei_graueri	chr4:41673542	chr4:41671525	20	T
Gorilla_beringei_graueri	chr4:43150373	chr4:43148356	18	A
Gorilla_beringei_graueri	chr4:43703599	chr4:43701582	8	T
Gorilla_beringei_graueri	chr4:46446868	chr4:46444851	11	T
Gorilla_beringei_graueri	chr4:48194665	chr4:48192648	12	A
Gorilla_beringei_graueri	chr4:48195795	chr4:48193778	10	T
Gorilla_beringei_graueri	chr4:48409521	chr4:48407504	9	T

Gorilla_beringei_graueri	chr4:48834044	chr4:48832027	6	T
Gorilla_beringei_graueri	chr4:52715114	chr4:51848948	10	T
Gorilla_beringei_graueri	chr4:53777218	chr4:52911051	11	A
Gorilla_beringei_graueri	chr4:54711998	chr4:53845831	9	T
Gorilla_beringei_graueri	chr4:62737759	chr4:61872041	4	TTTG
Gorilla_beringei_graueri	chr4:62760771	chr4:61895053	9	T
Gorilla_beringei_graueri	chr4:63247318	chr4:62381600	7	A
Gorilla_beringei_graueri	chr4:69094383	chr4:68228665	7	A
Gorilla_beringei_graueri	chr4:70006419	chr4:69140701	10	T
Gorilla_beringei_graueri	chr4:70017695	chr4:69151977	9	A
Gorilla_beringei_graueri	chr4:70035248	chr4:69169530	9	T
Gorilla_beringei_graueri	chr4:71938278	chr4:71072561	9	T
Gorilla_beringei_graueri	chr4:72693068	chr4:71827351	10	T
Gorilla_beringei_graueri	chr4:73485417	chr4:72619700	11	A
Gorilla_beringei_graueri	chr4:73869997	chr4:73004280	8	A
Gorilla_beringei_graueri	chr4:83267561	chr4:82346408	11	T
Gorilla_beringei_graueri	chr4:83902297	chr4:82981144	7	A
Gorilla_beringei_graueri	chr4:85608307	chr4:84687154	8	T
Gorilla_beringei_graueri	chr4:87983064	chr4:87061912	7	T
Gorilla_beringei_graueri	chr4:91887476	chr4:90966325	12	A
Gorilla_beringei_graueri	chr4:92889522	chr4:91968371	16	T
Gorilla_beringei_graueri	chr4:94007002	chr4:93085851	9	A
Gorilla_beringei_graueri	chr4:103219332	chr4:102298175	10	A
Gorilla_beringei_graueri	chr4:103257024	chr4:102335867	9	T
Gorilla_beringei_graueri	chr4:104699408	chr4:103778251	13	A
Gorilla_beringei_graueri	chr4:105973189	chr4:105052032	10	A
Gorilla_beringei_graueri	chr4:106084181	chr4:105163024	8	A
Gorilla_beringei_graueri	chr4:106462942	chr4:105541785	9	T
Gorilla_beringei_graueri	chr4:110761257	chr4:109840101	6	T
Gorilla_beringei_graueri	chr4:114449611	chr4:113528455	7	A
Gorilla_beringei_graueri	chr4:115649238	chr4:114728082	6	T
Gorilla_beringei_graueri	chr4:118001865	chr4:117080709	12	T
Gorilla_beringei_graueri	chr4:118703237	chr4:117782082	9	T
Gorilla_beringei_graueri	chr4:121584256	chr4:120663101	6	T
Gorilla_beringei_graueri	chr4:122255784	chr4:121334629	8	A
Gorilla_beringei_graueri	chr4:122950596	chr4:122029441	9	T
Gorilla_beringei_graueri	chr4:126748333	chr4:125827178	7	A
Gorilla_beringei_graueri	chr4:130890487	chr4:129969332	6	A
Gorilla_beringei_graueri	chr4:131478004	chr4:130556849	3	GAA
Gorilla_beringei_graueri	chr4:134690153	chr4:133768998	7	T

Gorilla_beringei_graueri	chr4:136361466	chr4:135440311	14	T
Gorilla_beringei_graueri	chr4:141828566	chr4:140907412	10	T
Gorilla_beringei_graueri	chr4:142944923	chr4:142023770	7	T
Gorilla_beringei_graueri	chr4:143096515	chr4:142175362	12	T
Gorilla_beringei_graueri	chr4:152337097	chr4:151415945	13	T
Gorilla_beringei_graueri	chr4:154445560	chr4:153524408	10	A
Gorilla_beringei_graueri	chr4:154721894	chr4:153800742	8	T
Gorilla_beringei_graueri	chr4:154790816	chr4:153869664	10	T
Gorilla_beringei_graueri	chr4:154796221	chr4:153875069	8	T
Gorilla_beringei_graueri	chr4:155362779	chr4:154441627	11	A
Gorilla_beringei_graueri	chr4:157959820	chr4:157038668	21	A
Gorilla_beringei_graueri	chr4:160204101	chr4:159282949	8	A
Gorilla_beringei_graueri	chr4:160914071	chr4:159992919	11	A
Gorilla_beringei_graueri	chr4:163403079	chr4:162481927	7	AT
Gorilla_beringei_graueri	chr4:163503582	chr4:162582430	7	T
Gorilla_beringei_graueri	chr4:164532686	chr4:163611534	10	T
Gorilla_beringei_graueri	chr4:165084681	chr4:164163529	6	A
Gorilla_beringei_graueri	chr4:172379134	chr4:171457983	8	T
Gorilla_beringei_graueri	chr4:181818024	chr4:180896871	8	T
Gorilla_beringei_graueri	chr4:182073432	chr4:181152279	16	T
Gorilla_beringei_graueri	chr4:184696017	chr4:183774864	1	ATTA
Gorilla_beringei_graueri	chr4:188504269	chr4:187583115	6	A
Gorilla_beringei_graueri	chr4:190705508	chr4:189784354	11	A
Gorilla_beringei_graueri	chr5:83066882	chr5:83771063	13	T
Gorilla_beringei_graueri	chr5:84711414	chr5:85415596	4	CT
Gorilla_beringei_graueri	chr5:84884993	chr5:85589175	8	A
Gorilla_beringei_graueri	chr5:85337327	chr5:86041509	10	T
Gorilla_beringei_graueri	chr5:88233693	chr5:88937876	8	T
Gorilla_beringei_graueri	chr5:88768258	chr5:89472441	10	T
Gorilla_beringei_graueri	chr5:88787022	chr5:89491205	11	T
Gorilla_beringei_graueri	chr5:92013238	chr5:92677531	8	A
Gorilla_beringei_graueri	chr5:93257295	chr5:93921590	11	A
Gorilla_beringei_graueri	chr5:93263704	chr5:93927999	9	T
Gorilla_beringei_graueri	chr5:97636174	chr5:98300470	12	A
Gorilla_beringei_graueri	chr5:99041212	chr5:99705508	7	A
Gorilla_beringei_graueri	chr5:99920470	chr5:100584766	10	T
Gorilla_beringei_graueri	chr5:101699509	chr5:102363805	8	T
Gorilla_beringei_graueri	chr5:101736890	chr5:102401186	11	A
Gorilla_beringei_graueri	chr5:103321228	chr5:103985527	6	A
Gorilla_beringei_graueri	chr5:106825362	chr5:107489661	6	C

Gorilla_beringei_graueri	chr5:112063780	chr5:112728083	10	T
Gorilla_beringei_graueri	chr5:118839063	chr5:119503368	8	T
Gorilla_beringei_graueri	chr5:120901871	chr5:121566176	8	A
Gorilla_beringei_graueri	chr5:121889279	chr5:122553584	15	T
Gorilla_beringei_graueri	chr5:124351904	chr5:125016211	11	T
Gorilla_beringei_graueri	chr5:124911507	chr5:125575814	9	T
Gorilla_beringei_graueri	chr5:124920965	chr5:125585272	8	A
Gorilla_beringei_graueri	chr5:125878350	chr5:126542658	10	A
Gorilla_beringei_graueri	chr5:126943611	chr5:127607919	10	A
Gorilla_beringei_graueri	chr5:127648112	chr5:128312420	6	T
Gorilla_beringei_graueri	chr5:129981215	chr5:130645522	9	A
Gorilla_beringei_graueri	chr5:130056669	chr5:130720976	14	T
Gorilla_beringei_graueri	chr5:135046572	chr5:135710883	10	T
Gorilla_beringei_graueri	chr5:135063199	chr5:135727510	10	T
Gorilla_beringei_graueri	chr5:135700901	chr5:136365213	9	A
Gorilla_beringei_graueri	chr5:138642829	chr5:139307140	10	T
Gorilla_beringei_graueri	chr5:147063111	chr5:147683548	11	A
Gorilla_beringei_graueri	chr5:147144680	chr5:147765117	9	A
Gorilla_beringei_graueri	chr5:147182482	chr5:147802919	13	T
Gorilla_beringei_graueri	chr5:147946528	chr5:148566965	7	T
Gorilla_beringei_graueri	chr5:155105214	chr5:155725654	9	GT
Gorilla_beringei_graueri	chr5:155930876	chr5:156503866	7	T
Gorilla_beringei_graueri	chr5:160406877	chr5:160979870	6	A
Gorilla_beringei_graueri	chr5:168628314	chr5:169201310	9	T
Gorilla_beringei_graueri	chr6:617184	chr6:617184	12	A
Gorilla_beringei_graueri	chr6:2859995	chr6:2859761	10	A
Gorilla_beringei_graueri	chr6:4620377	chr6:4620143	9	T
Gorilla_beringei_graueri	chr6:7698519	chr6:7698286	10	T
Gorilla_beringei_graueri	chr6:9377327	chr6:9377094	10	TA
Gorilla_beringei_graueri	chr6:10039774	chr6:10039541	10	T
Gorilla_beringei_graueri	chr6:10159887	chr6:10159654	10	A
Gorilla_beringei_graueri	chr6:11708768	chr6:11708535	8	T
Gorilla_beringei_graueri	chr6:11822582	chr6:11822349	9	T
Gorilla_beringei_graueri	chr6:12064384	chr6:12064151	7	T
Gorilla_beringei_graueri	chr6:12491298	chr6:12491066	8	T
Gorilla_beringei_graueri	chr6:12511744	chr6:12511512	10	A
Gorilla_beringei_graueri	chr6:12964302	chr6:12964070	8	A
Gorilla_beringei_graueri	chr6:20664203	chr6:20663972	10	A
Gorilla_beringei_graueri	chr6:27868759	chr6:27900981	15	T
Gorilla_beringei_graueri	chr6:28233525	chr6:28265747	8	T

Gorilla_beringei_graueri	chr6:41794386	chr6:41826648	13	A
Gorilla_beringei_graueri	chr6:42263591	chr6:42295853	8	A
Gorilla_beringei_graueri	chr6:46880115	chr6:46912378	7	A
Gorilla_beringei_graueri	chr6:50017651	chr6:50049938	9	A
Gorilla_beringei_graueri	chr6:63626659	chr6:62916754	15	A
Gorilla_beringei_graueri	chr6:68973387	chr6:68263495	7	A
Gorilla_beringei_graueri	chr6:70278865	chr6:69568973	6	T
Gorilla_beringei_graueri	chr6:71962303	chr6:71252600	8	A
Gorilla_beringei_graueri	chr6:73246471	chr6:72536769	6	A
Gorilla_beringei_graueri	chr6:73435408	chr6:72725685	9	A
Gorilla_beringei_graueri	chr6:75186818	chr6:74477102	8	A
Gorilla_beringei_graueri	chr6:81173307	chr6:80463590	12	T
Gorilla_beringei_graueri	chr6:82708392	chr6:81998675	16	T
Gorilla_beringei_graueri	chr6:85777320	chr6:85067602	9	A
Gorilla_beringei_graueri	chr6:87508240	chr6:86798522	16	T
Gorilla_beringei_graueri	chr6:88438566	chr6:87728848	2	TCT
Gorilla_beringei_graueri	chr6:94083569	chr6:93373851	11	A
Gorilla_beringei_graueri	chr6:97483559	chr6:97035683	8	A
Gorilla_beringei_graueri	chr6:97880909	chr6:97433033	8	A
Gorilla_beringei_graueri	chr6:98257670	chr6:97809794	14	A
Gorilla_beringei_graueri	chr6:101215224	chr6:100767348	10	A
Gorilla_beringei_graueri	chr6:101343412	chr6:100895536	5	T
Gorilla_beringei_graueri	chr6:104609363	chr6:104161488	7	T
Gorilla_beringei_graueri	chr6:105803958	chr6:105356083	21,22	T
Gorilla_beringei_graueri	chr6:107261208	chr6:106813333	8	A
Gorilla_beringei_graueri	chr6:109254282	chr6:108933079	10	T
Gorilla_beringei_graueri	chr6:113314618	chr6:112993416	6	T
Gorilla_beringei_graueri	chr6:116473769	chr6:116152606	1	TTTA
Gorilla_beringei_graueri	chr6:116526499	chr6:116205336	9	T
Gorilla_beringei_graueri	chr6:119223824	chr6:118902659	9	A
Gorilla_beringei_graueri	chr6:119873228	chr6:119552063	10	T
Gorilla_beringei_graueri	chr6:119994816	chr6:119673659	8	A
Gorilla_beringei_graueri	chr6:122219308	chr6:121898162	7	C
Gorilla_beringei_graueri	chr6:122990355	chr6:122669210	9	T
Gorilla_beringei_graueri	chr6:123182723	chr6:122861578	12	A
Gorilla_beringei_graueri	chr6:124896859	chr6:124575713	9	T
Gorilla_beringei_graueri	chr6:124908674	chr6:124587528	9	T
Gorilla_beringei_graueri	chr6:125554868	chr6:125233722	2	TCT
Gorilla_beringei_graueri	chr6:128057997	chr6:127736852	21	A
Gorilla_beringei_graueri	chr6:130289746	chr6:129968601	11	T

Gorilla_beringei_graueri	chr6:130697334	chr6:130376189	7	A
Gorilla_beringei_graueri	chr6:134914017	chr6:134592879	13	T
Gorilla_beringei_graueri	chr6:135612283	chr6:135291145	8	A
Gorilla_beringei_graueri	chr6:135851048	chr6:135529910	14	T
Gorilla_beringei_graueri	chr6:136704754	chr6:136383616	9	A
Gorilla_beringei_graueri	chr6:141230303	chr6:140909166	3	CA
Gorilla_beringei_graueri	chr6:144290916	chr6:143969779	6	A
Gorilla_beringei_graueri	chr6:148213981	chr6:147892845	8	A
Gorilla_beringei_graueri	chr6:148247662	chr6:147926526	7	T
Gorilla_beringei_graueri	chr6:148457920	chr6:148136784	7	CA
Gorilla_beringei_graueri	chr6:149323109	chr6:149001973	7	A
Gorilla_beringei_graueri	chr6:149346077	chr6:149024941	22	A
Gorilla_beringei_graueri	chr6:149751969	chr6:149430833	11,10	A
Gorilla_beringei_graueri	chr6:149917062	chr6:149595926	12	T
Gorilla_beringei_graueri	chr6:154359462	chr6:154038327	11	A
Gorilla_beringei_graueri	chr6:156613776	chr6:156292642	12	A
Gorilla_beringei_graueri	chr6:159934830	chr6:159513798	19	T
Gorilla_beringei_graueri	chr6:162653964	chr6:162232932	9	A
Gorilla_beringei_graueri	chr6:163220232	chr6:162799200	8	A
Gorilla_beringei_graueri	chr6:169493188	chr6:169093093	9	A
Gorilla_beringei_graueri	chr7:7678990	chr7:7639359	9	T
Gorilla_beringei_graueri	chr7:8377493	chr7:8337863	9	A
Gorilla_beringei_graueri	chr7:12237146	chr7:12197520	9	TG
Gorilla_beringei_graueri	chr7:12818981	chr7:12779356	6	A
Gorilla_beringei_graueri	chr7:13100796	chr7:13061171	9	A
Gorilla_beringei_graueri	chr7:15037754	chr7:14998129	8	A
Gorilla_beringei_graueri	chr7:15296752	chr7:15257127	6	A
Gorilla_beringei_graueri	chr7:15302861	chr7:15263236	9	A
Gorilla_beringei_graueri	chr7:17518677	chr7:17479053	11	A
Gorilla_beringei_graueri	chr7:18273542	chr7:18233919	10	T
Gorilla_beringei_graueri	chr7:18339037	chr7:18299414	9	T
Gorilla_beringei_graueri	chr7:18382837	chr7:18343214	8	T
Gorilla_beringei_graueri	chr7:18842836	chr7:18803213	8	T
Gorilla_beringei_graueri	chr7:22712179	chr7:22672560	8	A
Gorilla_beringei_graueri	chr7:26951487	chr7:26911868	8	T
Gorilla_beringei_graueri	chr7:28595227	chr7:28555609	8	T
Gorilla_beringei_graueri	chr7:29121188	chr7:29081572	9	T
Gorilla_beringei_graueri	chr7:29817578	chr7:29777962	11	T
Gorilla_beringei_graueri	chr7:34388816	chr7:34349204	9	T
Gorilla_beringei_graueri	chr7:37404187	chr7:37364584	10	T

Gorilla_beringei_graueri	chr7:46091111	chr7:46051513	10	A
Gorilla_beringei_graueri	chr7:46336554	chr7:46296956	9	T
Gorilla_beringei_graueri	chr7:48571102	chr7:48531506	10	T
Gorilla_beringei_graueri	chr7:48719637	chr7:48680041	12	A
Gorilla_beringei_graueri	chr7:49686802	chr7:49647206	5	ATATT
Gorilla_beringei_graueri	chr7:53000029	chr7:52932336	10	T
Gorilla_beringei_graueri	chr7:64040415	chr7:64580037	6	GT
Gorilla_beringei_graueri	chr7:64434215	chr7:64973837	6	A
Gorilla_beringei_graueri	chr7:68033953	chr7:68568966	9	A
Gorilla_beringei_graueri	chr7:75351089	chr7:75721771	8	G
Gorilla_beringei_graueri	chr7:79868369	chr7:80239053	8	T
Gorilla_beringei_graueri	chr7:80043983	chr7:80414667	8	T
Gorilla_beringei_graueri	chr7:80138212	chr7:80508896	9	A
Gorilla_beringei_graueri	chr7:80641411	chr7:81012095	9	A
Gorilla_beringei_graueri	chr7:81802155	chr7:82172839	11	A
Gorilla_beringei_graueri	chr7:81820968	chr7:82191652	10	A
Gorilla_beringei_graueri	chr7:88914968	chr7:89285654	10	A
Gorilla_beringei_graueri	chr7:89052863	chr7:89423549	8	A
Gorilla_beringei_graueri	chr7:89269392	chr7:89640078	6	T
Gorilla_beringei_graueri	chr7:90752635	chr7:91123320	8	T
Gorilla_beringei_graueri	chr7:93852032	chr7:94222720	10	A
Gorilla_beringei_graueri	chr7:95760682	chr7:96131370	9	T
Gorilla_beringei_graueri	chr7:102724884	chr7:103084437	9	T
Gorilla_beringei_graueri	chr7:102807350	chr7:103166903	6	T
Gorilla_beringei_graueri	chr7:104447075	chr7:104806628	9	A
Gorilla_beringei_graueri	chr7:106007499	chr7:106367053	8	T
Gorilla_beringei_graueri	chr7:109250377	chr7:109610320	12	A
Gorilla_beringei_graueri	chr7:113828607	chr7:114188552	9	T
Gorilla_beringei_graueri	chr7:114496406	chr7:114856351	11	T
Gorilla_beringei_graueri	chr7:116512269	chr7:116872215	10	T
Gorilla_beringei_graueri	chr7:117000785	chr7:117360731	8	T
Gorilla_beringei_graueri	chr7:117467536	chr7:117827482	8	A
Gorilla_beringei_graueri	chr7:118588353	chr7:118948299	8	T
Gorilla_beringei_graueri	chr7:120534191	chr7:120894137	13	T
Gorilla_beringei_graueri	chr7:121416667	chr7:121776613	11	T
Gorilla_beringei_graueri	chr7:122727695	chr7:123087641	11	A
Gorilla_beringei_graueri	chr7:123624758	chr7:123984704	10	T
Gorilla_beringei_graueri	chr7:134471945	chr7:134787194	8	T
Gorilla_beringei_graueri	chr7:136109791	chr7:136425043	11	T
Gorilla_beringei_graueri	chr7:137412769	chr7:137728023	15	A

Gorilla_beringei_graueri	chr7:138504882	chr7:138820137	8	A
Gorilla_beringei_graueri	chr7:144610919	chr7:144913826	7	A
Gorilla_beringei_graueri	chr7:145096661	chr7:145399568	11	A
Gorilla_beringei_graueri	chr7:145235337	chr7:145538244	11	T
Gorilla_beringei_graueri	chr7:148205535	chr7:148508443	12,11	A
Gorilla_beringei_graueri	chr7:148221238	chr7:148524146	9	A
Gorilla_beringei_graueri	chr8:2148681	chr8:2201042	12	TG
Gorilla_beringei_graueri	chr8:4530755	chr8:4673233	6	A
Gorilla_beringei_graueri	chr8:13036161	chr8:13178652	11	T
Gorilla_beringei_graueri	chr8:14077837	chr8:14220328	8	A
Gorilla_beringei_graueri	chr8:19639836	chr8:19782325	10	A
Gorilla_beringei_graueri	chr8:19927085	chr8:20069574	7	TA
Gorilla_beringei_graueri	chr8:26644914	chr8:26787397	10,11	A
Gorilla_beringei_graueri	chr8:27564998	chr8:27707481	10	A
Gorilla_beringei_graueri	chr8:29708716	chr8:29851200	10	T
Gorilla_beringei_graueri	chr8:29793361	chr8:29935845	7	T
Gorilla_beringei_graueri	chr8:31464753	chr8:31607237	8	A
Gorilla_beringei_graueri	chr8:31597594	chr8:31740078	10	A
Gorilla_beringei_graueri	chr8:32847643	chr8:32990125	11	T
Gorilla_beringei_graueri	chr8:47609404	chr8:46697782	7	T
Gorilla_beringei_graueri	chr8:53094596	chr8:52182036	9	A
Gorilla_beringei_graueri	chr8:57125876	chr8:56213317	9	T
Gorilla_beringei_graueri	chr8:58478578	chr8:57566019	9	T
Gorilla_beringei_graueri	chr8:60970306	chr8:60057747	11	A
Gorilla_beringei_graueri	chr8:61440295	chr8:60527736	9	T
Gorilla_beringei_graueri	chr8:62434780	chr8:61522221	8	A
Gorilla_beringei_graueri	chr8:68640591	chr8:67728356	9	T
Gorilla_beringei_graueri	chr8:69196001	chr8:68283766	8	T
Gorilla_beringei_graueri	chr8:69196532	chr8:68284297	6	T
Gorilla_beringei_graueri	chr8:69692755	chr8:68780520	4	CT
Gorilla_beringei_graueri	chr8:70194792	chr8:69282557	17	A
Gorilla_beringei_graueri	chr8:70899440	chr8:69987205	11	A
Gorilla_beringei_graueri	chr8:71122628	chr8:70210393	9	A
Gorilla_beringei_graueri	chr8:72489208	chr8:71576973	9	T
Gorilla_beringei_graueri	chr8:76138522	chr8:75226287	9	A
Gorilla_beringei_graueri	chr8:76167417	chr8:75255182	8	A
Gorilla_beringei_graueri	chr8:76823995	chr8:75911760	9	A
Gorilla_beringei_graueri	chr8:81077230	chr8:80164995	8	A
Gorilla_beringei_graueri	chr8:84126298	chr8:83214063	8,10	T
Gorilla_beringei_graueri	chr8:85890239	chr8:84978004	6	T

Gorilla_beringei_graueri	chr8:86987450	chr8:85975221	8	A
Gorilla_beringei_graueri	chr8:87009816	chr8:85997587	9	A
Gorilla_beringei_graueri	chr8:87050161	chr8:86037932	8	A
Gorilla_beringei_graueri	chr8:91412458	chr8:90400230	8	TA
Gorilla_beringei_graueri	chr8:92387948	chr8:91375720	2	TCT
Gorilla_beringei_graueri	chr8:96297145	chr8:95284917	10	A
Gorilla_beringei_graueri	chr8:96713666	chr8:95701438	8	T
Gorilla_beringei_graueri	chr8:97248426	chr8:96236198	4	AC
Gorilla_beringei_graueri	chr8:97284380	chr8:96272152	6	T
Gorilla_beringei_graueri	chr8:97450495	chr8:96438267	6	T
Gorilla_beringei_graueri	chr8:99309223	chr8:98296995	6	T
Gorilla_beringei_graueri	chr8:104067958	chr8:103055730	8	T
Gorilla_beringei_graueri	chr8:104456354	chr8:103444126	18	T
Gorilla_beringei_graueri	chr8:104535996	chr8:103523768	11	T
Gorilla_beringei_graueri	chr8:104746689	chr8:103734461	8	T
Gorilla_beringei_graueri	chr8:104851674	chr8:103839446	16	T
Gorilla_beringei_graueri	chr8:107416823	chr8:106404595	10	T
Gorilla_beringei_graueri	chr8:107814828	chr8:106802600	11	T
Gorilla_beringei_graueri	chr8:109857891	chr8:108845662	11	A
Gorilla_beringei_graueri	chr8:113656305	chr8:112644076	7	A
Gorilla_beringei_graueri	chr8:113726478	chr8:112714249	10	A
Gorilla_beringei_graueri	chr8:115433368	chr8:114421139	8	A
Gorilla_beringei_graueri	chr8:115500164	chr8:114487935	6	A
Gorilla_beringei_graueri	chr8:115540886	chr8:114528657	7	T
Gorilla_beringei_graueri	chr8:116012645	chr8:115000416	6	A
Gorilla_beringei_graueri	chr8:118799081	chr8:117786842	10	T
Gorilla_beringei_graueri	chr8:120199454	chr8:119187215	10	A
Gorilla_beringei_graueri	chr8:122386421	chr8:121374181	8	A
Gorilla_beringei_graueri	chr8:122455977	chr8:121443737	10	A
Gorilla_beringei_graueri	chr8:124939504	chr8:123927264	6	A
Gorilla_beringei_graueri	chr8:126993959	chr8:125981715	7	A
Gorilla_beringei_graueri	chr8:128191676	chr8:127179431	10	A
Gorilla_beringei_graueri	chr8:129832668	chr8:128820422	6	A
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Gorilla_beringei_graueri	chr8:132799815	chr8:131787568	7	T
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Gorilla_beringei_graueri	chr8:137645155	chr8:136632912	10	A
Gorilla_beringei_graueri	chr8:138357419	chr8:137345176	6	A
Gorilla_beringei_graueri	chr8:138650503	chr8:137638260	9	T
Gorilla_beringei_graueri	chr8:140483903	chr8:139471660	14	T

Gorilla_beringei_graueri	chr8:141703163	chr8:140693064	11	A
Gorilla_beringei_graueri	chr9:1606135	chr9:1606135	9	A
Gorilla_beringei_graueri	chr9:3508110	chr9:3508110	8	A
Gorilla_beringei_graueri	chr9:3863831	chr9:3863831	8	T
Gorilla_beringei_graueri	chr9:4857459	chr9:4857459	11	A
Gorilla_beringei_graueri	chr9:5118233	chr9:5118233	11	T
Gorilla_beringei_graueri	chr9:5941786	chr9:5941786	12	A
Gorilla_beringei_graueri	chr9:8506248	chr9:8506248	10	T
Gorilla_beringei_graueri	chr9:9912781	chr9:9912781	16	T
Gorilla_beringei_graueri	chr9:14186763	chr9:14186764	10	T
Gorilla_beringei_graueri	chr9:14678839	chr9:14678841	8	T
Gorilla_beringei_graueri	chr9:15011613	chr9:15011615	11	T
Gorilla_beringei_graueri	chr9:15022100	chr9:15022102	10	T
Gorilla_beringei_graueri	chr9:19801835	chr9:19801837	8	T
Gorilla_beringei_graueri	chr9:22873496	chr9:22873497	13	A
Gorilla_beringei_graueri	chr9:24089469	chr9:24089471	8	C
Gorilla_beringei_graueri	chr9:24679189	chr9:24679191	9	A
Gorilla_beringei_graueri	chr9:27384261	chr9:27384263	11	T
Gorilla_beringei_graueri	chr9:28185437	chr9:28185439	12	A
Gorilla_beringei_graueri	chr9:29775921	chr9:29775923	8	C
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Gorilla_beringei_graueri	chr9:31732637	chr9:31732639	6	T
Gorilla_beringei_graueri	chr9:32254540	chr9:32254542	6	A
Gorilla_beringei_graueri	chr9:34435429	chr9:34435431	8	A
Gorilla_beringei_graueri	chr9:73929188	chr9:71314272	5,6	T
Gorilla_beringei_graueri	chr9:75648433	chr9:73033517	9	A
Gorilla_beringei_graueri	chr9:75866016	chr9:73251100	9	A
Gorilla_beringei_graueri	chr9:80122469	chr9:77507553	6	A
Gorilla_beringei_graueri	chr9:82269257	chr9:79654342	8	A
Gorilla_beringei_graueri	chr9:82916724	chr9:80301809	21	T
Gorilla_beringei_graueri	chr9:83443531	chr9:80828616	9	T
Gorilla_beringei_graueri	chr9:85783273	chr9:83168358	14	T
Gorilla_beringei_graueri	chr9:91772861	chr9:89157946	10	T
Gorilla_beringei_graueri	chr9:91789064	chr9:89174149	8	A
Gorilla_beringei_graueri	chr9:93320077	chr9:90557795	9	A
Gorilla_beringei_graueri	chr9:93540170	chr9:90777888	10	A
Gorilla_beringei_graueri	chr9:102355552	chr9:99593270	12	A
Gorilla_beringei_graueri	chr9:103024521	chr9:100262239	11	A
Gorilla_beringei_graueri	chr9:105995573	chr9:103233291	11	T
Gorilla_beringei_graueri	chr9:106608160	chr9:103845879	6	A

Gorilla_beringei_graueri	chr9:106940919	chr9:104178638	14	A
Gorilla_beringei_graueri	chr9:109050891	chr9:106288610	10	T
Gorilla_beringei_graueri	chr9:110340120	chr9:107577839	14	A
Gorilla_beringei_graueri	chr9:120697519	chr9:117935241	11	A
Gorilla_beringei_graueri	chr9:120784660	chr9:118022382	10	A
Gorilla_beringei_graueri	chr9:128972368	chr9:126210089	6	A
Gorilla_beringei_graueri	chr9:134960480	chr9:132085093	9	A
Gorilla_beringei_graueri	chr10:4023036	chr10:3980844	8	A
Gorilla_beringei_graueri	chr10:5462935	chr10:5420972	8	T
Gorilla_beringei_graueri	chr10:7432578	chr10:7390616	13	A
Gorilla_beringei_graueri	chr10:9586093	chr10:9544130	9	T
Gorilla_beringei_graueri	chr10:9607110	chr10:9565147	8	A
Gorilla_beringei_graueri	chr10:10914340	chr10:10872377	10	A
Gorilla_beringei_graueri	chr10:17558133	chr10:17516134	8	G
Gorilla_beringei_graueri	chr10:19580086	chr10:19291157	6	T
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Gorilla_beringei_graueri	chr10:22299039	chr10:22010110	11	T
Gorilla_beringei_graueri	chr10:23925014	chr10:23636085	8	C
Gorilla_beringei_graueri	chr10:29289315	chr10:29000386	10	T
Gorilla_beringei_graueri	chr10:31844550	chr10:31555622	10	A
Gorilla_beringei_graueri	chr10:32766481	chr10:32477553	11	T
Gorilla_beringei_graueri	chr10:34014945	chr10:33726017	9	T
Gorilla_beringei_graueri	chr10:36437878	chr10:36148950	11	A
Gorilla_beringei_graueri	chr10:38096766	chr10:37807838	7	A
Gorilla_beringei_graueri	chr10:47651589	chr10:46280353	15	T
Gorilla_beringei_graueri	chr10:54201167	chr10:52441407	8	T
Gorilla_beringei_graueri	chr10:54251206	chr10:52491446	13	T
Gorilla_beringei_graueri	chr10:54296385	chr10:52536625	10	A
Gorilla_beringei_graueri	chr10:56400499	chr10:54640739	15	A
Gorilla_beringei_graueri	chr10:58783113	chr10:57023353	8	T
Gorilla_beringei_graueri	chr10:60385221	chr10:58625461	8	T
Gorilla_beringei_graueri	chr10:60550982	chr10:58791222	9	T
Gorilla_beringei_graueri	chr10:60586186	chr10:58826426	9	A
Gorilla_beringei_graueri	chr10:66740261	chr10:64980503	8	T
Gorilla_beringei_graueri	chr10:66934878	chr10:65175120	9	T
Gorilla_beringei_graueri	chr10:66937634	chr10:65177876	7	T
Gorilla_beringei_graueri	chr10:68033526	chr10:66273768	13	A
Gorilla_beringei_graueri	chr10:68034875	chr10:66275117	7	T
Gorilla_beringei_graueri	chr10:68413352	chr10:66653594	9	A
Gorilla_beringei_graueri	chr10:68523235	chr10:66763477	9	A

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Gorilla_beringei_graueri	chr10:69747079	chr10:67987322	7	A
Gorilla_beringei_graueri	chr10:71282700	chr10:69522944	9	T
Gorilla_beringei_graueri	chr10:72366550	chr10:70606794	8	T
Gorilla_beringei_graueri	chr10:72962567	chr10:71202810	9	A
Gorilla_beringei_graueri	chr10:82826910	chr10:81067154	7	A
Gorilla_beringei_graueri	chr10:85547036	chr10:83787280	15	T
Gorilla_beringei_graueri	chr10:86224192	chr10:84464436	7	T
Gorilla_beringei_graueri	chr10:86274722	chr10:84514966	11	CA
Gorilla_beringei_graueri	chr10:86689057	chr10:84929301	7	A
Gorilla_beringei_graueri	chr10:90482056	chr10:88722299	7	A
Gorilla_beringei_graueri	chr10:90551543	chr10:88791786	10	T
Gorilla_beringei_graueri	chr10:90742418	chr10:88982661	17	T
Gorilla_beringei_graueri	chr10:91618427	chr10:89858670	8	A
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Gorilla_beringei_graueri	chr10:94272440	chr10:92512683	10	T
Gorilla_beringei_graueri	chr10:95995659	chr10:94235902	11	T
Gorilla_beringei_graueri	chr10:100965980	chr10:99206223	12	A
Gorilla_beringei_graueri	chr10:101002054	chr10:99242297	8	A
Gorilla_beringei_graueri	chr10:101112692	chr10:99352935	6	T
Gorilla_beringei_graueri	chr10:101271996	chr10:99512239	10	A
Gorilla_beringei_graueri	chr10:101547393	chr10:99787636	7	T
Gorilla_beringei_graueri	chr10:109536788	chr10:107777030	16,17	A
Gorilla_beringei_graueri	chr10:110301509	chr10:108541751	20	A
Gorilla_beringei_graueri	chr10:112224999	chr10:110465241	10	A
Gorilla_beringei_graueri	chr10:112962391	chr10:111202633	13,14	T
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Gorilla_beringei_graueri	chr10:119715516	chr10:117956005	12	T
Gorilla_beringei_graueri	chr10:120050533	chr10:118291021	10	T
Gorilla_beringei_graueri	chr10:120806457	chr10:119046945	7	A
Gorilla_beringei_graueri	chr10:121558888	chr10:119799376	17	A
Gorilla_beringei_graueri	chr10:125019333	chr10:123259817	12,13	T
Gorilla_beringei_graueri	chr10:128346115	chr10:126657546	9	T
Gorilla_beringei_graueri	chr10:129351052	chr10:127552788	17	A
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Gorilla_beringei_graueri	chr11:18770087	chr11:18748540	8	T
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Gorilla_beringei_graueri	chr11:21824411	chr11:21802865	8	A
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Gorilla_beringei_graueri	chr11:23545437	chr11:23523891	18,17	A
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Gorilla_beringei_graueri	chr11:24587599	chr11:24566053	8	A
Gorilla_beringei_graueri	chr11:30365916	chr11:30344369	8	A
Gorilla_beringei_graueri	chr11:34414666	chr11:34393119	15	T
Gorilla_beringei_graueri	chr11:36119371	chr11:36097821	30	A
Gorilla_beringei_graueri	chr11:36356640	chr11:36335090	16	T
Gorilla_beringei_graueri	chr11:36760391	chr11:36738841	7	A
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Gorilla_beringei_graueri	chr11:38828791	chr11:38807241	8	A
Gorilla_beringei_graueri	chr11:38923222	chr11:38901672	9	T
Gorilla_beringei_graueri	chr11:59593206	chr11:59825733	11	T
Gorilla_beringei_graueri	chr11:69021200	chr11:69253733	10	T
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Gorilla_beringei_graueri	chr11:93821687	chr11:94088521	12	T
Gorilla_beringei_graueri	chr11:98660135	chr11:98789405	11	A
Gorilla_beringei_graueri	chr11:98664759	chr11:98794029	9	A
Gorilla_beringei_graueri	chr11:100186423	chr11:100315691	8	A
Gorilla_beringei_graueri	chr11:101213015	chr11:101342284	8	T
Gorilla_beringei_graueri	chr11:101619790	chr11:101749059	19	T

Gorilla_beringei_graueri	chr11:101793780	chr11:101923049	6	T
Gorilla_beringei_graueri	chr11:102330045	chr11:102459314	9	A
Gorilla_beringei_graueri	chr11:103904382	chr11:104033654	12	A
Gorilla_beringei_graueri	chr11:104962557	chr11:105091830	9	A
Gorilla_beringei_graueri	chr11:104980049	chr11:105109322	9	T
Gorilla_beringei_graueri	chr11:105386056	chr11:105515329	7	A
Gorilla_beringei_graueri	chr11:105782766	chr11:105912040	9	A
Gorilla_beringei_graueri	chr11:106571958	chr11:106701232	9	T
Gorilla_beringei_graueri	chr11:106688465	chr11:106817739	8	A
Gorilla_beringei_graueri	chr11:107094136	chr11:107223410	8	A
Gorilla_beringei_graueri	chr11:112332121	chr11:112461398	10	T
Gorilla_beringei_graueri	chr11:115311843	chr11:115441124	13	A
Gorilla_beringei_graueri	chr11:115385536	chr11:115514818	10	A
Gorilla_beringei_graueri	chr11:115992465	chr11:116121748	8	A
Gorilla_beringei_graueri	chr11:116155077	chr11:116284360	12	A
Gorilla_beringei_graueri	chr11:118542634	chr11:118671925	10	A
Gorilla_beringei_graueri	chr11:121286506	chr11:121415797	9	A
Gorilla_beringei_graueri	chr11:121804383	chr11:121933675	9	A
Gorilla_beringei_graueri	chr11:122132281	chr11:122261573	8	A
Gorilla_beringei_graueri	chr11:124140200	chr11:124270304	9	AT
Gorilla_beringei_graueri	chr11:124143582	chr11:124273686	12	A
Gorilla_beringei_graueri	chr11:124156661	chr11:124286765	7	T
Gorilla_beringei_graueri	chr11:125654785	chr11:125784890	10	T
Gorilla_beringei_graueri	chr11:126890495	chr11:127020600	8	T
Gorilla_beringei_graueri	chr11:127150590	chr11:127280695	11	G
Gorilla_beringei_graueri	chr11:128517322	chr11:128647427	10	A
Gorilla_beringei_graueri	chr11:129998059	chr11:130128164	9	T
Gorilla_beringei_graueri	chr11:130901067	chr11:131031172	6	T
Gorilla_beringei_graueri	chr11:130972447	chr11:131102552	11	A
Gorilla_beringei_graueri	chr11:131760493	chr11:131890599	10	T
Gorilla_beringei_graueri	chr12:921463	chr12:812297	8	AC
Gorilla_beringei_graueri	chr12:2657750	chr12:2548584	10	T
Gorilla_beringei_graueri	chr12:3001249	chr12:2892083	11	A
Gorilla_beringei_graueri	chr12:4087909	chr12:3978743	9	A
Gorilla_beringei_graueri	chr12:4202704	chr12:4093538	9,11	A
Gorilla_beringei_graueri	chr12:4804190	chr12:4695024	10	T
Gorilla_beringei_graueri	chr12:5040628	chr12:4931462	9	A
Gorilla_beringei_graueri	chr12:6693380	chr12:6584214	6	A
Gorilla_beringei_graueri	chr12:10267110	chr12:10114511	6	A
Gorilla_beringei_graueri	chr12:11100346	chr12:10947747	8	T

Gorilla_beringei_graueri	chr12:11105076	chr12:10952477	10	T
Gorilla_beringei_graueri	chr12:14771821	chr12:14618887	9	T
Gorilla_beringei_graueri	chr12:15571735	chr12:15418801	9	T
Gorilla_beringei_graueri	chr12:15831106	chr12:15678172	10	A
Gorilla_beringei_graueri	chr12:16444129	chr12:16291195	5	CA
Gorilla_beringei_graueri	chr12:16888674	chr12:16735740	10	A
Gorilla_beringei_graueri	chr12:17807538	chr12:17654604	9,11	A
Gorilla_beringei_graueri	chr12:20740374	chr12:20587440	11,9	T
Gorilla_beringei_graueri	chr12:21724392	chr12:21571458	13	A
Gorilla_beringei_graueri	chr12:24978580	chr12:24825646	7	T
Gorilla_beringei_graueri	chr12:26820951	chr12:26668018	9	T
Gorilla_beringei_graueri	chr12:28666479	chr12:28513546	8	A
Gorilla_beringei_graueri	chr12:28699679	chr12:28546746	9	A
Gorilla_beringei_graueri	chr12:32506393	chr12:32353459	11	A
Gorilla_beringei_graueri	chr12:33336550	chr12:33183616	8	A
Gorilla_beringei_graueri	chr12:33825002	chr12:33672067	11	T
Gorilla_beringei_graueri	chr12:33832367	chr12:33679432	8	A
Gorilla_beringei_graueri	chr12:39391746	chr12:38997944	7	AT
Gorilla_beringei_graueri	chr12:43715171	chr12:43321368	9	A
Gorilla_beringei_graueri	chr12:44779865	chr12:44386082	7	T
Gorilla_beringei_graueri	chr12:47606211	chr12:47212428	6	A
Gorilla_beringei_graueri	chr12:58568705	chr12:58174922	8	A
Gorilla_beringei_graueri	chr12:60994489	chr12:60600708	9	A
Gorilla_beringei_graueri	chr12:61337391	chr12:60943610	8	A
Gorilla_beringei_graueri	chr12:63035396	chr12:62641616	10	T
Gorilla_beringei_graueri	chr12:69714780	chr12:69321000	7	A
Gorilla_beringei_graueri	chr12:71918113	chr12:71524333	6	T
Gorilla_beringei_graueri	chr12:74575511	chr12:74181731	8	T
Gorilla_beringei_graueri	chr12:78298734	chr12:77904954	9	A
Gorilla_beringei_graueri	chr12:79164093	chr12:78770313	13	T
Gorilla_beringei_graueri	chr12:81024499	chr12:80630720	11	T
Gorilla_beringei_graueri	chr12:81242413	chr12:80848634	11	A
Gorilla_beringei_graueri	chr12:89131673	chr12:88737896	15	T
Gorilla_beringei_graueri	chr12:98124521	chr12:97730743	11	A
Gorilla_beringei_graueri	chr12:98338219	chr12:97944441	9	T
Gorilla_beringei_graueri	chr12:99077190	chr12:98683412	11	A
Gorilla_beringei_graueri	chr12:99921662	chr12:99527884	10	A
Gorilla_beringei_graueri	chr12:100848726	chr12:100454948	10	A
Gorilla_beringei_graueri	chr12:101142515	chr12:100748737	12	T
Gorilla_beringei_graueri	chr12:101168896	chr12:100775118	5	TA

Gorilla_beringei_graueri	chr12:104233202	chr12:103839424	10	T
Gorilla_beringei_graueri	chr12:104247089	chr12:103853311	8	A
Gorilla_beringei_graueri	chr12:104270273	chr12:103876495	6	A
Gorilla_beringei_graueri	chr12:104644232	chr12:104250454	8	T
Gorilla_beringei_graueri	chr12:104944737	chr12:104550959	11	T
Gorilla_beringei_graueri	chr12:115205249	chr12:114767444	14	A
Gorilla_beringei_graueri	chr12:116340892	chr12:115903087	9	T
Gorilla_beringei_graueri	chr12:116439927	chr12:116002122	9	A
Gorilla_beringei_graueri	chr12:119597688	chr12:119159883	15	A
Gorilla_beringei_graueri	chr12:126576560	chr12:126092014	6	T
Gorilla_beringei_graueri	chr12:126718188	chr12:126233642	10	T
Gorilla_beringei_graueri	chr12:126873840	chr12:126389294	9	A
Gorilla_beringei_graueri	chr12:127170202	chr12:126685656	2	TCTT
Gorilla_beringei_graueri	chr12:130277859	chr12:129793314	10	T
Gorilla_beringei_graueri	chr13:21001879	chr13:20427740	13	A
Gorilla_beringei_graueri	chr13:24249758	chr13:23675619	8	A
Gorilla_beringei_graueri	chr13:25375791	chr13:24801653	11	T
Gorilla_beringei_graueri	chr13:26977590	chr13:26403453	14	A
Gorilla_beringei_graueri	chr13:28930794	chr13:28356657	6	A
Gorilla_beringei_graueri	chr13:29202627	chr13:28628490	6	T
Gorilla_beringei_graueri	chr13:29540374	chr13:28966237	10	A
Gorilla_beringei_graueri	chr13:31633198	chr13:31059061	5	TC
Gorilla_beringei_graueri	chr13:32179558	chr13:31605421	11	A
Gorilla_beringei_graueri	chr13:33383184	chr13:32809046	8	T
Gorilla_beringei_graueri	chr13:34465948	chr13:33891811	7	AT
Gorilla_beringei_graueri	chr13:35379801	chr13:34805664	8	T
Gorilla_beringei_graueri	chr13:35388931	chr13:34814794	8	T
Gorilla_beringei_graueri	chr13:40982288	chr13:40408151	11	A
Gorilla_beringei_graueri	chr13:44757149	chr13:44183013	14	A
Gorilla_beringei_graueri	chr13:48059396	chr13:47485261	6	T
Gorilla_beringei_graueri	chr13:54827230	chr13:54253095	8	A
Gorilla_beringei_graueri	chr13:55505999	chr13:54931864	11	A
Gorilla_beringei_graueri	chr13:57477614	chr13:56903480	9	A
Gorilla_beringei_graueri	chr13:60569852	chr13:59995718	3	AG
Gorilla_beringei_graueri	chr13:61624777	chr13:61050643	12	A
Gorilla_beringei_graueri	chr13:66083390	chr13:65509258	8	A
Gorilla_beringei_graueri	chr13:66835759	chr13:66261627	11	A
Gorilla_beringei_graueri	chr13:66843632	chr13:66269500	8	A
Gorilla_beringei_graueri	chr13:70038215	chr13:69464083	9	T
Gorilla_beringei_graueri	chr13:70091402	chr13:69517270	6	A

Gorilla_beringei_graueri	chr13:70234563	chr13:69660431	8	A
Gorilla_beringei_graueri	chr13:70452375	chr13:69878243	13	T
Gorilla_beringei_graueri	chr13:71618096	chr13:71043964	11	A
Gorilla_beringei_graueri	chr13:72011387	chr13:71437255	6	A
Gorilla_beringei_graueri	chr13:73837341	chr13:73263204	10	T
Gorilla_beringei_graueri	chr13:76765738	chr13:76191602	6	T
Gorilla_beringei_graueri	chr13:81129779	chr13:80555644	6	T
Gorilla_beringei_graueri	chr13:84110024	chr13:83535889	10	T
Gorilla_beringei_graueri	chr13:90260677	chr13:89608423	12	A
Gorilla_beringei_graueri	chr13:93306522	chr13:92654269	6	A
Gorilla_beringei_graueri	chr13:93899128	chr13:93246875	9	A
Gorilla_beringei_graueri	chr13:93907083	chr13:93254830	9	A
Gorilla_beringei_graueri	chr13:93945536	chr13:93293283	8	A
Gorilla_beringei_graueri	chr13:94454486	chr13:93802233	8	T
Gorilla_beringei_graueri	chr13:95302541	chr13:94650287	10	A
Gorilla_beringei_graueri	chr13:97744263	chr13:97092009	10	A
Gorilla_beringei_graueri	chr13:97827618	chr13:97175364	2	TCT
Gorilla_beringei_graueri	chr13:98018224	chr13:97365970	10,12	A
Gorilla_beringei_graueri	chr13:100210135	chr13:99557881	9	A
Gorilla_beringei_graueri	chr13:102152862	chr13:101500511	2	ATT
Gorilla_beringei_graueri	chr13:105014713	chr13:104362363	10	T
Gorilla_beringei_graueri	chr13:106104639	chr13:105452290	10	A
Gorilla_beringei_graueri	chr13:106332667	chr13:105680318	7	A
Gorilla_beringei_graueri	chr13:106354796	chr13:105702447	10	T
Gorilla_beringei_graueri	chr13:107690266	chr13:107037918	7	T
Gorilla_beringei_graueri	chr13:108145636	chr13:107493288	10	A
Gorilla_beringei_graueri	chr13:108715381	chr13:108063033	6	A
Gorilla_beringei_graueri	chr13:108913153	chr13:108260805	8	T
Gorilla_beringei_graueri	chr13:112013166	chr13:111360819	14	T
Gorilla_beringei_graueri	chr14:20269965	chr14:19801806	13	T
Gorilla_beringei_graueri	chr14:20773141	chr14:20304982	8	T
Gorilla_beringei_graueri	chr14:20983140	chr14:20514981	10	A
Gorilla_beringei_graueri	chr14:22669875	chr14:22201981	8	T
Gorilla_beringei_graueri	chr14:25014840	chr14:24545634	9	T
Gorilla_beringei_graueri	chr14:29963049	chr14:29493843	10	T
Gorilla_beringei_graueri	chr14:31125943	chr14:30656737	14	A
Gorilla_beringei_graueri	chr14:31145146	chr14:30675940	15	T
Gorilla_beringei_graueri	chr14:31174846	chr14:30705640	4	AAT
Gorilla_beringei_graueri	chr14:33201983	chr14:32732777	10	T
Gorilla_beringei_graueri	chr14:33642712	chr14:33173506	8	A

Gorilla_beringei_graueri	chr14:34287632	chr14:33818426	8	A
Gorilla_beringei_graueri	chr14:35904097	chr14:35434891	6	A
Gorilla_beringei_graueri	chr14:37596666	chr14:37127461	11	T
Gorilla_beringei_graueri	chr14:37719026	chr14:37249821	17	A
Gorilla_beringei_graueri	chr14:37907128	chr14:37437923	9	T
Gorilla_beringei_graueri	chr14:38731428	chr14:38262223	13	A
Gorilla_beringei_graueri	chr14:39292233	chr14:38823029	22	T
Gorilla_beringei_graueri	chr14:41239207	chr14:40770002	9	A
Gorilla_beringei_graueri	chr14:41983817	chr14:41514614	9,10	T
Gorilla_beringei_graueri	chr14:43880222	chr14:43411019	3	ATTA
Gorilla_beringei_graueri	chr14:43918576	chr14:43449373	9	A
Gorilla_beringei_graueri	chr14:44616220	chr14:44147017	9	A
Gorilla_beringei_graueri	chr14:44692613	chr14:44223410	8	A
Gorilla_beringei_graueri	chr14:45657590	chr14:45188387	7	T
Gorilla_beringei_graueri	chr14:46555927	chr14:46086724	8	T
Gorilla_beringei_graueri	chr14:47979754	chr14:47510551	7	A
Gorilla_beringei_graueri	chr14:49143519	chr14:48674316	8	A
Gorilla_beringei_graueri	chr14:49331755	chr14:48862552	9	A
Gorilla_beringei_graueri	chr14:51744130	chr14:51277412	12	A
Gorilla_beringei_graueri	chr14:54044913	chr14:53578195	9	A
Gorilla_beringei_graueri	chr14:56423571	chr14:55956853	8	A
Gorilla_beringei_graueri	chr14:57710069	chr14:57243351	9	A
Gorilla_beringei_graueri	chr14:60131185	chr14:59664467	8	A
Gorilla_beringei_graueri	chr14:66098360	chr14:65631642	10	T
Gorilla_beringei_graueri	chr14:68252980	chr14:67786263	13	A
Gorilla_beringei_graueri	chr14:71174769	chr14:70708052	21	A
Gorilla_beringei_graueri	chr14:73241869	chr14:72775161	11	A
Gorilla_beringei_graueri	chr14:80285708	chr14:79819365	15	T
Gorilla_beringei_graueri	chr14:80859630	chr14:80393287	8,10	A
Gorilla_beringei_graueri	chr14:81077312	chr14:80610968	8	A
Gorilla_beringei_graueri	chr14:83946398	chr14:83480054	7	T
Gorilla_beringei_graueri	chr14:84600654	chr14:84134310	11	T
Gorilla_beringei_graueri	chr14:85122397	chr14:84656053	9	T
Gorilla_beringei_graueri	chr14:86137665	chr14:85671321	11	T
Gorilla_beringei_graueri	chr14:86422151	chr14:85955807	12	T
Gorilla_beringei_graueri	chr14:89933870	chr14:89467526	9	T
Gorilla_beringei_graueri	chr14:96079423	chr14:95613086	8	A
Gorilla_beringei_graueri	chr14:97829339	chr14:97363002	10	T
Gorilla_beringei_graueri	chr14:102662751	chr14:102196414	6	T
Gorilla_beringei_graueri	chr14:104515924	chr14:104049587	15	T

Gorilla_beringei_graueri	chr14:105597519	chr14:105131182	11	TG
Gorilla_beringei_graueri	chr15:20616750	chr15:20411497	9	T
Gorilla_beringei_graueri	chr15:25786346	chr15:25541199	7	T
Gorilla_beringei_graueri	chr15:26398967	chr15:26153820	10,18	T
Gorilla_beringei_graueri	chr15:27817426	chr15:27572280	14	T
Gorilla_beringei_graueri	chr15:33789125	chr15:33496924	10,15,14	A
Gorilla_beringei_graueri	chr15:37298337	chr15:37006136	10	T
Gorilla_beringei_graueri	chr15:38253755	chr15:37961554	8	T
Gorilla_beringei_graueri	chr15:38256210	chr15:37964009	8	T
Gorilla_beringei_graueri	chr15:42070369	chr15:41778171	10	A
Gorilla_beringei_graueri	chr15:42515592	chr15:42223394	2	AAAT
Gorilla_beringei_graueri	chr15:46736714	chr15:46444516	7	T
Gorilla_beringei_graueri	chr15:48061691	chr15:47769494	8	T
Gorilla_beringei_graueri	chr15:48246716	chr15:47954519	10	A
Gorilla_beringei_graueri	chr15:54517368	chr15:54225171	9	T
Gorilla_beringei_graueri	chr15:55580719	chr15:55288521	14	A
Gorilla_beringei_graueri	chr15:55717780	chr15:55425582	11	T
Gorilla_beringei_graueri	chr15:59407165	chr15:59114966	10	A
Gorilla_beringei_graueri	chr15:62483695	chr15:62191496	11	T
Gorilla_beringei_graueri	chr15:69166075	chr15:68873736	10	T
Gorilla_beringei_graueri	chr15:69875590	chr15:69583251	6	A
Gorilla_beringei_graueri	chr15:76762237	chr15:76469896	12	T
Gorilla_beringei_graueri	chr15:79254816	chr15:78962474	8	A
Gorilla_beringei_graueri	chr15:82571001	chr15:82278660	7	A
Gorilla_beringei_graueri	chr15:89065096	chr15:88521865	5	TG
Gorilla_beringei_graueri	chr15:89112937	chr15:88569706	7	A
Gorilla_beringei_graueri	chr15:94900282	chr15:94357053	11	A
Gorilla_beringei_graueri	chr15:97592514	chr15:97049284	7	T
Gorilla_beringei_graueri	chr15:100243860	chr15:99703655	8	T
Gorilla_beringei_graueri	chr15:102055633	chr15:101515430	6	T
Gorilla_beringei_graueri	chr16:12110687	chr16:12016830	7	A
Gorilla_beringei_graueri	chr16:13218617	chr16:13124760	9	A
Gorilla_beringei_graueri	chr16:13794484	chr16:13700627	11	A
Gorilla_beringei_graueri	chr16:24803542	chr16:24792221	11	T
Gorilla_beringei_graueri	chr16:26286089	chr16:26274768	10	T
Gorilla_beringei_graueri	chr16:34252787	chr16:35018416	8	T
Gorilla_beringei_graueri	chr16:47446722	chr16:47412811	15	A
Gorilla_beringei_graueri	chr16:48702702	chr16:48668791	8	T
Gorilla_beringei_graueri	chr16:49077219	chr16:49043308	9	T
Gorilla_beringei_graueri	chr16:51484058	chr16:51450147	10	A

Gorilla_beringei_graueri	chr16:55414926	chr16:55381014	9	A
Gorilla_beringei_graueri	chr16:60613865	chr16:60579961	11	A
Gorilla_beringei_graueri	chr16:64795697	chr16:64761794	9	T
Gorilla_beringei_graueri	chr16:65462514	chr16:65428611	12	T
Gorilla_beringei_graueri	chr16:72316727	chr16:72282828	12	A
Gorilla_beringei_graueri	chr16:76452627	chr16:76418730	10	T
Gorilla_beringei_graueri	chr16:82083736	chr16:82050131	2	TC
Gorilla_beringei_graueri	chr16:83876219	chr16:83842614	10	T
Gorilla_beringei_graueri	chr17:4241545	chr17:4338250	6	A
Gorilla_beringei_graueri	chr17:9762351	chr17:9859034	9	T
Gorilla_beringei_graueri	chr17:11719569	chr17:11816252	7	A
Gorilla_beringei_graueri	chr17:11948502	chr17:12045185	9	T
Gorilla_beringei_graueri	chr17:13629270	chr17:13725953	5	TTA
Gorilla_beringei_graueri	chr17:14400753	chr17:14497436	7	T
Gorilla_beringei_graueri	chr18:3171261	chr18:3171263	4	T
Gorilla_beringei_graueri	chr18:3715542	chr18:3715542	3	GAT
Gorilla_beringei_graueri	chr18:6888643	chr18:6888644	8	A
Gorilla_beringei_graueri	chr18:7544478	chr18:7544480	11	T
Gorilla_beringei_graueri	chr18:9453093	chr18:9453095	6	T
Gorilla_beringei_graueri	chr18:13340431	chr18:13340432	9	T
Gorilla_beringei_graueri	chr18:14074901	chr18:14074902	9	T
Gorilla_beringei_graueri	chr18:18616881	chr18:21036920	7,6	T
Gorilla_beringei_graueri	chr18:20693904	chr18:23113940	7	A
Gorilla_beringei_graueri	chr18:22548009	chr18:24968045	7	A
Gorilla_beringei_graueri	chr18:23662846	chr18:26082882	10	A
Gorilla_beringei_graueri	chr18:25244461	chr18:27664497	9	A
Gorilla_beringei_graueri	chr18:25406526	chr18:27826562	11	A
Gorilla_beringei_graueri	chr18:26033111	chr18:28453147	7	A
Gorilla_beringei_graueri	chr18:26044140	chr18:28464176	8	A
Gorilla_beringei_graueri	chr18:27965129	chr18:30385163	9	A
Gorilla_beringei_graueri	chr18:28322274	chr18:30742308	8	T
Gorilla_beringei_graueri	chr18:28459409	chr18:30879443	6	A
Gorilla_beringei_graueri	chr18:35388904	chr18:37808940	10	A
Gorilla_beringei_graueri	chr18:35588457	chr18:38008493	9	T
Gorilla_beringei_graueri	chr18:40800481	chr18:43220516	8	T
Gorilla_beringei_graueri	chr18:46856227	chr18:49329857	8	T
Gorilla_beringei_graueri	chr18:58821312	chr18:61154079	12	A
Gorilla_beringei_graueri	chr18:58991696	chr18:61324463	9	A
Gorilla_beringei_graueri	chr18:59402858	chr18:61735625	8	A
Gorilla_beringei_graueri	chr18:59480090	chr18:61812857	7	A

Gorilla_beringei_graueri	chr18:59720567	chr18:62053334	8	A
Gorilla_beringei_graueri	chr18:65057949	chr18:67390712	7	A
Gorilla_beringei_graueri	chr18:66615171	chr18:68947934	7	T
Gorilla_beringei_graueri	chr18:70785639	chr18:73118404	10	T
Gorilla_beringei_graueri	chr18:72588522	chr18:74876566	10	T
Gorilla_beringei_graueri	chr18:75795274	chr18:78035274	6	T
Gorilla_beringei_graueri	chr19:5631685	chr19:5631674	7	T
Gorilla_beringei_graueri	chr19:31203951	chr19:30713044	8	T
Gorilla_beringei_graueri	chr19:41818298	chr19:41312393	7	T
Gorilla_beringei_graueri	chr19:44485862	chr19:43981710	8	A
Gorilla_beringei_graueri	chr19:45069858	chr19:44566612	9	A
Gorilla_beringei_graueri	chr19:45276615	chr19:44773358	9	A
Gorilla_beringei_graueri	chr19:46675231	chr19:46171974	10	A
Gorilla_beringei_graueri	chr19:55116967	chr19:54605502	6	T
Gorilla_beringei_graueri	chr19:56578812	chr19:56067446	6	A
Gorilla_beringei_graueri	chr20:5971422	chr20:5990776	11	A
Gorilla_beringei_graueri	chr20:6792292	chr20:6811645	7	A
Gorilla_beringei_graueri	chr20:11324983	chr20:11344335	10	T
Gorilla_beringei_graueri	chr20:12330641	chr20:12349993	8	T
Gorilla_beringei_graueri	chr20:12547648	chr20:12567001	2	GTTT
Gorilla_beringei_graueri	chr20:14738753	chr20:14758107	20	A
Gorilla_beringei_graueri	chr20:14834160	chr20:14853514	8	A
Gorilla_beringei_graueri	chr20:15160947	chr20:15180301	8	T
Gorilla_beringei_graueri	chr20:15534449	chr20:15553804	8	A
Gorilla_beringei_graueri	chr20:22948993	chr20:22968356	10	A
Gorilla_beringei_graueri	chr20:23455666	chr20:23475029	8	A
Gorilla_beringei_graueri	chr20:25615716	chr20:25635080	11	T
Gorilla_beringei_graueri	chr20:39461503	chr20:40832863	9	T
Gorilla_beringei_graueri	chr20:43812187	chr20:45183546	20	A
Gorilla_beringei_graueri	chr20:51667879	chr20:53051340	9	A
Gorilla_beringei_graueri	chr20:53199709	chr20:54583170	9	T
Gorilla_beringei_graueri	chr20:57030073	chr20:58455017	9	T
Gorilla_beringei_graueri	chr20:59901410	chr20:61326354	9	A
Gorilla_beringei_graueri	chr21:10928101	chr21:10584356	18,20	A
Gorilla_beringei_graueri	chr21:16380958	chr21:15008637	10	A
Gorilla_beringei_graueri	chr21:18300285	chr21:16927965	9	A
Gorilla_beringei_graueri	chr21:21103597	chr21:19731283	8	A
Gorilla_beringei_graueri	chr21:21477750	chr21:20105437	8	T
Gorilla_beringei_graueri	chr21:21480972	chr21:20108659	8	T
Gorilla_beringei_graueri	chr21:21999365	chr21:20627052	10	A

Gorilla_beringei_graueri	chr21:23061557	chr21:21689237	8	T
Gorilla_beringei_graueri	chr21:23517707	chr21:22145387	6	A
Gorilla_beringei_graueri	chr21:25034545	chr21:23662227	9	A
Gorilla_beringei_graueri	chr21:25288998	chr21:23916682	11,12	T
Gorilla_beringei_graueri	chr21:29903271	chr21:28530949	19	T
Gorilla_beringei_graueri	chr21:30342611	chr21:28970289	7	A
Gorilla_beringei_graueri	chr21:30947856	chr21:29575536	10	A
Gorilla_beringei_graueri	chr21:41062687	chr21:39690760	9	T
Gorilla_beringei_graueri	chr21:41287155	chr21:39915230	13	A
Gorilla_beringei_graueri	chr22:40723853	chr22:40327849	11	T
Gorilla_beringei_graueri	chr22:43301110	chr22:42905104	12	A
Gorilla_beringei_graueri	chr22:43407290	chr22:43011284	8	A
Gorilla_beringei_graueri	chr22:43774153	chr22:43378147	7	AG
Gorilla_beringei_graueri	chrX:56092139	chrX:56065706	8	T
Gorilla_beringei_graueri	chrX:132761340	chrX:133627312	11	A
Gorilla_beringei_graueri	chrX:142188475	chrX:143100689	7	T
Gorilla_beringei_graueri	chrX:146988590	chrX:147907072	8	A
Gorilla_gorilla_diehli	chr1:43525446	chr1:43059775	10	T
Gorilla_gorilla_diehli	chr1:48799997	chr1:48334325	12	A
Gorilla_gorilla_diehli	chr1:73592331	chr1:73126648	6	T
Gorilla_gorilla_diehli	chr1:74335363	chr1:73869680	9	A
Gorilla_gorilla_diehli	chr1:101173029	chr1:100707473	10	A
Gorilla_gorilla_diehli	chr1:101423414	chr1:100957858	10	T
Gorilla_gorilla_diehli	chr1:105608969	chr1:105066347	7	T
Gorilla_gorilla_diehli	chr1:106008430	chr1:105465808	22	A
Gorilla_gorilla_diehli	chr1:106640374	chr1:106097752	8	T
Gorilla_gorilla_diehli	chr1:181834261	chr1:181865126	8	A
Gorilla_gorilla_diehli	chr1:184837485	chr1:184868351	16	A
Gorilla_gorilla_diehli	chr1:207965111	chr1:207791766	5	CT
Gorilla_gorilla_diehli	chr1:208673711	chr1:208500366	9	T
Gorilla_gorilla_diehli	chr1:209292544	chr1:209119199	9	A
Gorilla_gorilla_diehli	chr1:213394537	chr1:213221194	11	T
Gorilla_gorilla_diehli	chr1:238220710	chr1:238057410	16	T
Gorilla_gorilla_diehli	chr1:244670392	chr1:244507090	8	T
Gorilla_gorilla_diehli	chr2:376454	chr2:376454	8	T
Gorilla_gorilla_diehli	chr2:545152	chr2:545152	10	T
Gorilla_gorilla_diehli	chr2:2316375	chr2:2312603	12	A
Gorilla_gorilla_diehli	chr2:11432283	chr2:11292157	10	A
Gorilla_gorilla_diehli	chr2:21863735	chr2:21640863	8	A
Gorilla_gorilla_diehli	chr2:60025829	chr2:59798694	8	T

Gorilla_gorilla_diehli	chr2:79859522	chr2:79632396	7	A
Gorilla_gorilla_diehli	chr2:107506954	chr2:106890498	8	T
Gorilla_gorilla_diehli	chr2:142380746	chr2:141623177	10	A
Gorilla_gorilla_diehli	chr2:150876317	chr2:150019803	7	A
Gorilla_gorilla_diehli	chr2:153315597	chr2:152459083	13	T
Gorilla_gorilla_diehli	chr2:153634737	chr2:152778223	10	A
Gorilla_gorilla_diehli	chr2:159670802	chr2:158814290	11	A
Gorilla_gorilla_diehli	chr2:160627927	chr2:159771416	6	A
Gorilla_gorilla_diehli	chr2:162986015	chr2:162129505	8	T
Gorilla_gorilla_diehli	chr2:170552817	chr2:169696307	9	A
Gorilla_gorilla_diehli	chr2:171803534	chr2:170947024	9	T
Gorilla_gorilla_diehli	chr2:190447272	chr2:189582546	12	A
Gorilla_gorilla_diehli	chr3:3070937	chr3:3029253	8	A
Gorilla_gorilla_diehli	chr3:7931430	chr3:7889743	8	A
Gorilla_gorilla_diehli	chr3:12377946	chr3:12336447	11	A
Gorilla_gorilla_diehli	chr3:20450359	chr3:20408867	11	T
Gorilla_gorilla_diehli	chr3:20682221	chr3:20640729	11	T
Gorilla_gorilla_diehli	chr3:21727639	chr3:21686147	5	T
Gorilla_gorilla_diehli	chr3:24782285	chr3:24740794	12	T
Gorilla_gorilla_diehli	chr3:29591281	chr3:29549790	11	A
Gorilla_gorilla_diehli	chr3:31416265	chr3:31374773	9	A
Gorilla_gorilla_diehli	chr3:33887178	chr3:33845686	6	A
Gorilla_gorilla_diehli	chr3:33953404	chr3:33911912	7	T
Gorilla_gorilla_diehli	chr3:35931924	chr3:35890432	7	T
Gorilla_gorilla_diehli	chr3:62263202	chr3:62277527	10	T
Gorilla_gorilla_diehli	chr3:62375884	chr3:62390209	8	T
Gorilla_gorilla_diehli	chr3:68168723	chr3:68119573	17	T
Gorilla_gorilla_diehli	chr3:68810491	chr3:68761340	10	A
Gorilla_gorilla_diehli	chr3:72895920	chr3:72846769	7	G
Gorilla_gorilla_diehli	chr3:79124262	chr3:79075112	10	T
Gorilla_gorilla_diehli	chr3:84309873	chr3:84260722	8	A
Gorilla_gorilla_diehli	chr3:89333591	chr3:89284441	11	T
Gorilla_gorilla_diehli	chr3:90194935	chr3:90145785	12	A
Gorilla_gorilla_diehli	chr3:93729583	chr3:94010739	10	T
Gorilla_gorilla_diehli	chr3:114588048	chr3:114869201	7	A
Gorilla_gorilla_diehli	chr3:115865394	chr3:116146547	9	A
Gorilla_gorilla_diehli	chr3:125894307	chr3:126175464	8	A
Gorilla_gorilla_diehli	chr3:129102121	chr3:129383278	15	A
Gorilla_gorilla_diehli	chr3:139078642	chr3:139359800	7	T
Gorilla_gorilla_diehli	chr3:145820368	chr3:146102581	2	ATTA

Gorilla_gorilla_diehli	chr3:145844176	chr3:146126389	7	T
Gorilla_gorilla_diehli	chr3:164552266	chr3:164834478	10	T
Gorilla_gorilla_diehli	chr3:172235299	chr3:172517509	13	A
Gorilla_gorilla_diehli	chr3:193790211	chr3:194072422	11	A
Gorilla_gorilla_diehli	chr3:197191662	chr3:197464791	10	A
Gorilla_gorilla_diehli	chr4:23291311	chr4:23289688	14,15	A
Gorilla_gorilla_diehli	chr4:27566407	chr4:27564785	8	T
Gorilla_gorilla_diehli	chr4:33677719	chr4:33676097	7	T
Gorilla_gorilla_diehli	chr4:48984775	chr4:48982758	12	T
Gorilla_gorilla_diehli	chr4:56021102	chr4:55154935	8	A
Gorilla_gorilla_diehli	chr4:70231004	chr4:69365286	13	T
Gorilla_gorilla_diehli	chr4:75374227	chr4:74508510	8	A
Gorilla_gorilla_diehli	chr4:78687090	chr4:77765936	1	ACTG
Gorilla_gorilla_diehli	chr4:87951287	chr4:87030135	9	A
Gorilla_gorilla_diehli	chr4:107507326	chr4:106586169	7	T
Gorilla_gorilla_diehli	chr4:115282403	chr4:114361247	5	A
Gorilla_gorilla_diehli	chr4:122611734	chr4:121690579	10	A
Gorilla_gorilla_diehli	chr4:142639426	chr4:141718273	9	T
Gorilla_gorilla_diehli	chr4:165301131	chr4:164379979	10	A
Gorilla_gorilla_diehli	chr4:166878624	chr4:165957472	13,14	T
Gorilla_gorilla_diehli	chr4:167849039	chr4:166927888	8	A
Gorilla_gorilla_diehli	chr4:168017875	chr4:167096724	8	T
Gorilla_gorilla_diehli	chr4:173888644	chr4:172967493	11	T
Gorilla_gorilla_diehli	chr4:182891590	chr4:181970437	14	A
Gorilla_gorilla_diehli	chr4:182949203	chr4:182028050	2	CTT
Gorilla_gorilla_diehli	chr5:89314888	chr5:90019071	7	T
Gorilla_gorilla_diehli	chr5:106727222	chr5:107391521	10	A
Gorilla_gorilla_diehli	chr5:108013515	chr5:108677814	16	A
Gorilla_gorilla_diehli	chr5:111643524	chr5:112307827	6	A
Gorilla_gorilla_diehli	chr5:114127464	chr5:114791767	9	T
Gorilla_gorilla_diehli	chr5:128662668	chr5:129326975	8	T
Gorilla_gorilla_diehli	chr5:137050572	chr5:137714883	11	A
Gorilla_gorilla_diehli	chr5:137262054	chr5:137926365	10	A
Gorilla_gorilla_diehli	chr5:137292447	chr5:137956758	8	G
Gorilla_gorilla_diehli	chr5:137445625	chr5:138109936	5	AT
Gorilla_gorilla_diehli	chr5:161102929	chr5:161675923	7	T
Gorilla_gorilla_diehli	chr5:162417866	chr5:162990860	10	A
Gorilla_gorilla_diehli	chr5:169309539	chr5:169882535	8	A
Gorilla_gorilla_diehli	chr5:173362207	chr5:173935204	6	A
Gorilla_gorilla_diehli	chr5:173440107	chr5:174013104	8	T

Gorilla_gorilla_diehli	chr6:118087325	chr6:117766162	18,19	T
Gorilla_gorilla_diehli	chr6:132895470	chr6:132574331	7	T
Gorilla_gorilla_diehli	chr6:139161757	chr6:138840620	8	T
Gorilla_gorilla_diehli	chr6:166200199	chr6:165786711	8	A
Gorilla_gorilla_diehli	chr7:7232663	chr7:7193032	8	T
Gorilla_gorilla_diehli	chr7:7623806	chr7:7584175	9	T
Gorilla_gorilla_diehli	chr7:7670105	chr7:7630474	6	A
Gorilla_gorilla_diehli	chr7:22055171	chr7:22015553	9	AAC
Gorilla_gorilla_diehli	chr7:39460836	chr7:39421237	7	A
Gorilla_gorilla_diehli	chr7:78955656	chr7:79326340	6	A
Gorilla_gorilla_diehli	chr7:82188599	chr7:82559283	9	T
Gorilla_gorilla_diehli	chr7:82793392	chr7:83164076	10	A
Gorilla_gorilla_diehli	chr7:84212641	chr7:84583325	9	T
Gorilla_gorilla_diehli	chr7:85321173	chr7:85691857	9	A
Gorilla_gorilla_diehli	chr7:89398518	chr7:89769204	9	A
Gorilla_gorilla_diehli	chr7:90125276	chr7:90495962	8	G
Gorilla_gorilla_diehli	chr7:103590894	chr7:103950447	9	A
Gorilla_gorilla_diehli	chr7:107219027	chr7:107578582	9	T
Gorilla_gorilla_diehli	chr7:109682764	chr7:110042707	9	A
Gorilla_gorilla_diehli	chr7:115403061	chr7:115763007	8	A
Gorilla_gorilla_diehli	chr7:153596650	chr7:153899565	1	ATCT
Gorilla_gorilla_diehli	chr8:2902157	chr8:3044635	11	A
Gorilla_gorilla_diehli	chr8:2995586	chr8:3138064	14	A
Gorilla_gorilla_diehli	chr8:15910376	chr8:16052867	8	T
Gorilla_gorilla_diehli	chr8:36140954	chr8:36283436	8	T
Gorilla_gorilla_diehli	chr8:36867916	chr8:37010398	11	T
Gorilla_gorilla_diehli	chr8:52005132	chr8:51092572	10	A
Gorilla_gorilla_diehli	chr8:63075371	chr8:62162812	9	A
Gorilla_gorilla_diehli	chr8:75117473	chr8:74205238	3	AG
Gorilla_gorilla_diehli	chr8:75125564	chr8:74213329	6	T
Gorilla_gorilla_diehli	chr8:75355641	chr8:74443406	7	A
Gorilla_gorilla_diehli	chr8:104039719	chr8:103027491	8	C
Gorilla_gorilla_diehli	chr8:118687550	chr8:117675311	8	A
Gorilla_gorilla_diehli	chr8:123914261	chr8:122902022	12	A
Gorilla_gorilla_diehli	chr9:13570512	chr9:13570513	8	T
Gorilla_gorilla_diehli	chr9:26567753	chr9:26567755	9	A
Gorilla_gorilla_diehli	chr9:74340806	chr9:71725890	8	T
Gorilla_gorilla_diehli	chr9:80339111	chr9:77724195	8	T
Gorilla_gorilla_diehli	chr9:112124815	chr9:109362535	10	A
Gorilla_gorilla_diehli	chr9:112159355	chr9:109397075	7	A

Gorilla_gorilla_diehli	chr9:112532545	chr9:109770265	10	T
Gorilla_gorilla_diehli	chr9:115777372	chr9:113015092	11	A
Gorilla_gorilla_diehli	chr10:9927874	chr10:9885911	6	A
Gorilla_gorilla_diehli	chr10:15923377	chr10:15881378	11	T
Gorilla_gorilla_diehli	chr10:19405062	chr10:19116133	11	A
Gorilla_gorilla_diehli	chr10:49824986	chr10:48616941	6	T
Gorilla_gorilla_diehli	chr10:57276339	chr10:55516579	10	T
Gorilla_gorilla_diehli	chr10:69175936	chr10:67416178	8	A
Gorilla_gorilla_diehli	chr10:87416982	chr10:85657225	18	A
Gorilla_gorilla_diehli	chr10:89333211	chr10:87573454	5	AT
Gorilla_gorilla_diehli	chr10:90037285	chr10:88277528	5	TA
Gorilla_gorilla_diehli	chr10:109692971	chr10:107933213	10	A
Gorilla_gorilla_diehli	chr11:11858442	chr11:11836895	15	T
Gorilla_gorilla_diehli	chr11:11862061	chr11:11840514	9	T
Gorilla_gorilla_diehli	chr11:40744877	chr11:40723327	14,15	A
Gorilla_gorilla_diehli	chr11:90471917	chr11:90738749	11	A
Gorilla_gorilla_diehli	chr11:97100061	chr11:97229061	15	AT
Gorilla_gorilla_diehli	chr12:9799832	chr12:9647236	8	T
Gorilla_gorilla_diehli	chr12:10639558	chr12:10486959	8	A
Gorilla_gorilla_diehli	chr12:11734882	chr12:11581948	7	T
Gorilla_gorilla_diehli	chr12:16373911	chr12:16220977	14	T
Gorilla_gorilla_diehli	chr12:33577622	chr12:33424687	9	A
Gorilla_gorilla_diehli	chr12:45056785	chr12:44663002	10	A
Gorilla_gorilla_diehli	chr12:49898853	chr12:49505070	10	T
Gorilla_gorilla_diehli	chr12:89644628	chr12:89250851	9	A
Gorilla_gorilla_diehli	chr12:96791413	chr12:96397635	7	A
Gorilla_gorilla_diehli	chr12:97617498	chr12:97223720	8	A
Gorilla_gorilla_diehli	chr12:106613538	chr12:106219760	7	A
Gorilla_gorilla_diehli	chr13:22273033	chr13:21698894	6	A
Gorilla_gorilla_diehli	chr13:44265528	chr13:43691392	16	A
Gorilla_gorilla_diehli	chr13:45343766	chr13:44769630	8	A
Gorilla_gorilla_diehli	chr13:56663627	chr13:56089493	8	A
Gorilla_gorilla_diehli	chr13:56719265	chr13:56145131	9	T
Gorilla_gorilla_diehli	chr13:57893115	chr13:57318981	6	A
Gorilla_gorilla_diehli	chr13:59850239	chr13:59276105	13	A
Gorilla_gorilla_diehli	chr13:73040318	chr13:72466180	22	A
Gorilla_gorilla_diehli	chr13:79317867	chr13:78743732	8	T
Gorilla_gorilla_diehli	chr13:82470953	chr13:81896818	10	T
Gorilla_gorilla_diehli	chr13:85941618	chr13:85367483	11	A
Gorilla_gorilla_diehli	chr13:85965405	chr13:85391270	12	A

Gorilla_gorilla_diehli	chr13:91121759	chr13:90469505	6	T
Gorilla_gorilla_diehli	chr13:101715641	chr13:101063289	7	A
Gorilla_gorilla_diehli	chr13:105339400	chr13:104687049	8	T
Gorilla_gorilla_diehli	chr14:26619293	chr14:26150087	10	A
Gorilla_gorilla_diehli	chr14:49648085	chr14:49181367	12	A
Gorilla_gorilla_diehli	chr14:51724027	chr14:51257309	8	A
Gorilla_gorilla_diehli	chr14:55119365	chr14:54652647	12	T
Gorilla_gorilla_diehli	chr14:87811861	chr14:87345517	13	A
Gorilla_gorilla_diehli	chr14:88018180	chr14:87551836	7	A
Gorilla_gorilla_diehli	chr15:56353945	chr15:56061747	17	A
Gorilla_gorilla_diehli	chr16:20775737	chr16:20764415	13	T
Gorilla_gorilla_diehli	chr16:61043375	chr16:61009471	16	A
Gorilla_gorilla_diehli	chr16:75562387	chr16:75528489	22	A
Gorilla_gorilla_diehli	chr16:75989330	chr16:75955432	8	AT
Gorilla_gorilla_diehli	chr17:14122762	chr17:14219445	7	T
Gorilla_gorilla_diehli	chr18:4888611	chr18:4888612	10	A
Gorilla_gorilla_diehli	chr18:6217074	chr18:6217075	9	T
Gorilla_gorilla_diehli	chr18:27593196	chr18:30013231	8	T
Gorilla_gorilla_diehli	chr18:69464067	chr18:71796831	15	A
Gorilla_gorilla_diehli	chr20:10913266	chr20:10932618	9	A
Gorilla_gorilla_diehli	chr20:41154655	chr20:42526015	11	T
Gorilla_gorilla_diehli	chr20:52943127	chr20:54326588	11	T
Gorilla_gorilla_diehli	chr21:31083424	chr21:29711105	8	T
Gorilla_gorilla_diehli	chr21:31569421	chr21:30197103	9	A
Gorilla_gorilla_diehli	chr21:34103593	chr21:32731282	9	A
Gorilla_gorilla_diehli	chr21:34138017	chr21:32765706	16,17	T
Gorilla_gorilla_diehli	chr21:36173813	chr21:34801516	15	T
Gorilla_gorilla_diehli	chr21:42702062	chr21:41330135	11	A
Gorilla_gorilla_diehli	chr22:20739423	chr22:20385133	15	T
Gorilla_gorilla_gorilla	chr5:107683725	chr5:108348024	8	A
Gorilla_gorilla_gorilla	chr5:107809865	chr5:108474164	23	A
Gorilla_gorilla_gorilla	chr5:117054393	chr5:117718698	8	A
Gorilla_gorilla_gorilla	chr6:78838469	chr6:78128752	8,9	A
Gorilla_gorilla_gorilla	chr6:117239722	chr6:116918559	9	A
Gorilla_gorilla_gorilla	chr9:76111272	chr9:73496356	8,9	T
Gorilla_gorilla_gorilla	chr10:69814042	chr10:68054285	29,26,25	T
Gorilla_gorilla_gorilla	chr10:116156882	chr10:114397123	9	A
Gorilla_gorilla_gorilla	chr13:86258579	chr13:85684444	11	T
Gorilla_gorilla_gorilla	chr14:99497824	chr14:99031487	8	T
Pan_troglodytes_elliotti	chr1:54503926	chr1:54038253	10	A

Pan_troglodytes_elliotti	chr4:182808311	chr4:181887158	10	A
Pan_troglodytes_elliotti	chr5:10076170	chr5:10076058	6	T
Pan_troglodytes_elliotti	chr6:126290880	chr6:125969734	5	TG
Pan_troglodytes_elliotti	chr6:162348132	chr6:161927100	12,13	A
Pan_troglodytes_elliotti	chr7:82793316	chr7:83164000	7	T
Pan_troglodytes_elliotti	chr7:85758958	chr7:86129642	9	T
Pan_troglodytes_elliotti	chr9:128320975	chr9:125558696	6	A
Pan_troglodytes_elliotti	chr10:17667186	chr10:17625187	10	T
Pan_troglodytes_elliotti	chr11:15858317	chr11:15836771	6	A
Pan_troglodytes_elliotti	chr11:81556691	chr11:81845649	9	A
Pan_troglodytes_elliotti	chr12:125637513	chr12:125152967	2	AAG
Pan_troglodytes_elliotti	chr15:43084544	chr15:42792346	9	T
Pan_troglodytes_elliotti	chr16:20886144	chr16:20874822	12	T
Pan_troglodytes_elliotti	chr17:2143777	chr17:2240483	13	A
Pan_troglodytes_elliotti	chr18:29461753	chr18:31881790	9	A
Pan_troglodytes_elliotti	chr19:57563907	chr19:57052539	6	A
Pan_troglodytes_schwein furthii	chr1:244194211	chr1:244030909	2	TCT
Pan_troglodytes_schwein furthii	chr15:41154084	chr15:40861886	13	T
Pan_troglodytes_schwein furthii	chr21:23878955	chr21:22506636	9	T
Pan_troglodytes_verus	chr1:23626222	chr1:23299729	10	A
Pan_troglodytes_verus	chr1:37542322	chr1:37076721	9	A
Pan_troglodytes_verus	chr1:39658792	chr1:39193120	10	A
Pan_troglodytes_verus	chr1:63531628	chr1:63065957	8	A
Pan_troglodytes_verus	chr1:78167168	chr1:77701483	9	A
Pan_troglodytes_verus	chr1:82702748	chr1:82237064	9	T
Pan_troglodytes_verus	chr1:85870233	chr1:85404550	10	A
Pan_troglodytes_verus	chr1:97779950	chr1:97314394	10	T
Pan_troglodytes_verus	chr1:99632064	chr1:99166508	13	A
Pan_troglodytes_verus	chr1:158274978	chr1:158305188	9	A
Pan_troglodytes_verus	chr1:161651556	chr1:161681766	4	TC
Pan_troglodytes_verus	chr1:165279108	chr1:165309871	11	A
Pan_troglodytes_verus	chr1:169096011	chr1:169126773	11	A
Pan_troglodytes_verus	chr1:175006210	chr1:175037074	9	T
Pan_troglodytes_verus	chr1:191287361	chr1:191318231	8	A
Pan_troglodytes_verus	chr1:221109576	chr1:220936234	8	T
Pan_troglodytes_verus	chr1:245334846	chr1:245171544	10	A
Pan_troglodytes_verus	chr2:23611633	chr2:23388762	9	T
Pan_troglodytes_verus	chr2:25585253	chr2:25362384	14	T

Pan_troglodytes_verus	chr2:30741199	chr2:30518333	8	A
Pan_troglodytes_verus	chr2:36749469	chr2:36522326	10	A
Pan_troglodytes_verus	chr2:42157290	chr2:41930150	11	A
Pan_troglodytes_verus	chr2:65349729	chr2:65122595	7	T
Pan_troglodytes_verus	chr2:71223397	chr2:70996267	11	C
Pan_troglodytes_verus	chr2:76472188	chr2:76245062	8	T
Pan_troglodytes_verus	chr2:83698124	chr2:83471000	9,10	A
Pan_troglodytes_verus	chr2:101276846	chr2:100660384	7	A
Pan_troglodytes_verus	chr2:105067910	chr2:104451452	7	A
Pan_troglodytes_verus	chr2:129692279	chr2:128934705	8	A
Pan_troglodytes_verus	chr2:148172184	chr2:147414616	10	T
Pan_troglodytes_verus	chr2:150693575	chr2:149837061	8	T
Pan_troglodytes_verus	chr2:169922411	chr2:169065901	9	T
Pan_troglodytes_verus	chr2:180726982	chr2:179862255	11	T
Pan_troglodytes_verus	chr2:181397575	chr2:180532848	8	A
Pan_troglodytes_verus	chr2:191302832	chr2:190438106	8	T
Pan_troglodytes_verus	chr2:195347154	chr2:194482430	10	A
Pan_troglodytes_verus	chr2:201407620	chr2:200542897	13	T
Pan_troglodytes_verus	chr2:201424043	chr2:200559320	8	T
Pan_troglodytes_verus	chr2:204194287	chr2:203329564	11,12	T
Pan_troglodytes_verus	chr2:204223950	chr2:203359227	8	T
Pan_troglodytes_verus	chr2:204308364	chr2:203443641	13	A
Pan_troglodytes_verus	chr2:225433440	chr2:224568723	7	A
Pan_troglodytes_verus	chr2:226001973	chr2:225137256	11,12	T
Pan_troglodytes_verus	chr2:227810836	chr2:226946120	9	T
Pan_troglodytes_verus	chr2:240219718	chr2:239298023	8	A
Pan_troglodytes_verus	chr3:808075	chr3:766392	11	A
Pan_troglodytes_verus	chr3:29534216	chr3:29492725	18	A
Pan_troglodytes_verus	chr3:31014289	chr3:30972797	14	T
Pan_troglodytes_verus	chr3:36576074	chr3:36534582	7	T
Pan_troglodytes_verus	chr3:44250978	chr3:44209486	10	A
Pan_troglodytes_verus	chr3:51064762	chr3:51027331	11	T
Pan_troglodytes_verus	chr3:64468774	chr3:64483098	11	A
Pan_troglodytes_verus	chr3:76992854	chr3:76943703	8	T
Pan_troglodytes_verus	chr3:102476462	chr3:102757618	8	A
Pan_troglodytes_verus	chr3:141858036	chr3:142139194	9	T
Pan_troglodytes_verus	chr3:150925904	chr3:151208117	14	T
Pan_troglodytes_verus	chr3:155758137	chr3:156040348	10	A
Pan_troglodytes_verus	chr3:173688333	chr3:173970543	11	A
Pan_troglodytes_verus	chr3:188225260	chr3:188507472	12	T

Pan_troglodytes_verus	chr3:189043010	chr3:189325221	9	A
Pan_troglodytes_verus	chr4:12137850	chr4:12136226	9	A
Pan_troglodytes_verus	chr4:30756387	chr4:30754765	9	T
Pan_troglodytes_verus	chr4:43667606	chr4:43665589	9,10	T
Pan_troglodytes_verus	chr4:90235466	chr4:89314315	10	A
Pan_troglodytes_verus	chr4:112405800	chr4:111484644	9	A
Pan_troglodytes_verus	chr4:122155451	chr4:121234296	8	A
Pan_troglodytes_verus	chr4:123132019	chr4:122210864	7	T
Pan_troglodytes_verus	chr4:127578449	chr4:126657294	9	A
Pan_troglodytes_verus	chr4:128903939	chr4:127982784	7	T
Pan_troglodytes_verus	chr4:140382931	chr4:139461777	7	A
Pan_troglodytes_verus	chr4:152038741	chr4:151117589	10	T
Pan_troglodytes_verus	chr4:167898921	chr4:166977770	8	T
Pan_troglodytes_verus	chr4:174472100	chr4:173550949	11,12	A
Pan_troglodytes_verus	chr4:176222917	chr4:175301766	8	A
Pan_troglodytes_verus	chr4:184810191	chr4:183889038	13	T
Pan_troglodytes_verus	chr4:187571490	chr4:186650336	7	A
Pan_troglodytes_verus	chr5:6635423	chr5:6635310	14	T
Pan_troglodytes_verus	chr5:106803034	chr5:107467333	7	A
Pan_troglodytes_verus	chr5:110790560	chr5:111454862	11,12	A
Pan_troglodytes_verus	chr5:112047585	chr5:112711888	11	A
Pan_troglodytes_verus	chr5:112063385	chr5:112727688	8	A
Pan_troglodytes_verus	chr5:128099798	chr5:128764105	7	A
Pan_troglodytes_verus	chr5:150449481	chr5:151069920	4	AG
Pan_troglodytes_verus	chr5:163992382	chr5:164565376	8,9	T
Pan_troglodytes_verus	chr5:174802948	chr5:175375945	7	A
Pan_troglodytes_verus	chr6:16203307	chr6:16203076	12	A
Pan_troglodytes_verus	chr6:19873277	chr6:19873046	9	T
Pan_troglodytes_verus	chr6:57028727	chr6:57163929	9	A
Pan_troglodytes_verus	chr6:72895130	chr6:72185427	9	A
Pan_troglodytes_verus	chr6:74502171	chr6:73792448	8	T
Pan_troglodytes_verus	chr6:89095074	chr6:88385355	10	T
Pan_troglodytes_verus	chr6:117778791	chr6:117457628	11	T
Pan_troglodytes_verus	chr6:118646396	chr6:118325233	9	A
Pan_troglodytes_verus	chr6:118842181	chr6:118521018	9	A
Pan_troglodytes_verus	chr6:138256914	chr6:137935777	7	T
Pan_troglodytes_verus	chr6:139409384	chr6:139088247	10	T
Pan_troglodytes_verus	chr6:139770883	chr6:139449746	10	T
Pan_troglodytes_verus	chr6:160005848	chr6:159584816	9	T
Pan_troglodytes_verus	chr6:164339635	chr6:163918603	8	T

Pan_troglodytes_verus	chr6:170016134	chr6:169616038	8	A
Pan_troglodytes_verus	chr7:10360758	chr7:10321131	7	T
Pan_troglodytes_verus	chr7:13718584	chr7:13678959	9	A
Pan_troglodytes_verus	chr7:44455089	chr7:44415490	9	T
Pan_troglodytes_verus	chr7:75273943	chr7:75644625	19,20	A
Pan_troglodytes_verus	chr7:77794258	chr7:78164941	10	A
Pan_troglodytes_verus	chr7:80075066	chr7:80445750	20	A
Pan_troglodytes_verus	chr7:80797628	chr7:81168312	8,9	A
Pan_troglodytes_verus	chr7:114010137	chr7:114370082	8	A
Pan_troglodytes_verus	chr7:117119280	chr7:117479226	11	T
Pan_troglodytes_verus	chr7:123254294	chr7:123614240	11	A
Pan_troglodytes_verus	chr7:129584795	chr7:129944955	11	A
Pan_troglodytes_verus	chr7:133590387	chr7:133905634	10	T
Pan_troglodytes_verus	chr7:142851516	chr7:143154423	9,10	A
Pan_troglodytes_verus	chr7:152985457	chr7:153288372	11	T
Pan_troglodytes_verus	chr7:155893603	chr7:156100909	10	A
Pan_troglodytes_verus	chr8:458724	chr8:508724	8	T
Pan_troglodytes_verus	chr8:4344597	chr8:4487075	15	T
Pan_troglodytes_verus	chr8:15891248	chr8:16033739	9	A
Pan_troglodytes_verus	chr8:16765703	chr8:16908194	8	A
Pan_troglodytes_verus	chr8:37359349	chr8:37501831	8	A
Pan_troglodytes_verus	chr8:41354982	chr8:41497463	10	T
Pan_troglodytes_verus	chr8:42322586	chr8:42465068	9	T
Pan_troglodytes_verus	chr8:57071757	chr8:56159198	11,12	A
Pan_troglodytes_verus	chr8:57089224	chr8:56176665	13,14	T
Pan_troglodytes_verus	chr8:67460705	chr8:66548470	10,11	T
Pan_troglodytes_verus	chr8:67477866	chr8:66565631	11	A
Pan_troglodytes_verus	chr8:67573277	chr8:66661042	10	A
Pan_troglodytes_verus	chr8:80533790	chr8:79621555	5	CTT
Pan_troglodytes_verus	chr8:92146715	chr8:91134487	9	T
Pan_troglodytes_verus	chr8:92278271	chr8:91266043	9	T
Pan_troglodytes_verus	chr8:92292908	chr8:91280680	11	T
Pan_troglodytes_verus	chr8:103447219	chr8:102434991	10	A
Pan_troglodytes_verus	chr8:103454958	chr8:102442730	16	A
Pan_troglodytes_verus	chr8:126114091	chr8:125101849	10	T
Pan_troglodytes_verus	chr8:134697031	chr8:133684788	8	T
Pan_troglodytes_verus	chr8:139842021	chr8:138829778	9	T
Pan_troglodytes_verus	chr9:4579902	chr9:4579902	10	A
Pan_troglodytes_verus	chr9:17453504	chr9:17453506	8	A
Pan_troglodytes_verus	chr9:76195835	chr9:73580919	10	T

Pan_troglodytes_verus	chr9:79930064	chr9:77315148	9	T
Pan_troglodytes_verus	chr9:94269317	chr9:91507035	9	A
Pan_troglodytes_verus	chr9:134960480	chr9:132085093	9	A
Pan_troglodytes_verus	chr9:135056481	chr9:132181094	7	T
Pan_troglodytes_verus	chr10:7994229	chr10:7952266	13	A
Pan_troglodytes_verus	chr10:8533778	chr10:8491815	9	A
Pan_troglodytes_verus	chr10:9366510	chr10:9324547	5	TC
Pan_troglodytes_verus	chr10:16574609	chr10:16532610	15	A
Pan_troglodytes_verus	chr10:21664110	chr10:21375181	9	A
Pan_troglodytes_verus	chr10:33546746	chr10:33257818	7	T
Pan_troglodytes_verus	chr10:35348387	chr10:35059459	9	T
Pan_troglodytes_verus	chr10:54338318	chr10:52578558	11	T
Pan_troglodytes_verus	chr10:74653469	chr10:72893711	10	A
Pan_troglodytes_verus	chr10:91267664	chr10:89507907	8	A
Pan_troglodytes_verus	chr10:99271418	chr10:97511661	10	T
Pan_troglodytes_verus	chr10:105839857	chr10:104080099	11	T
Pan_troglodytes_verus	chr10:109565582	chr10:107805824	9	T
Pan_troglodytes_verus	chr10:111775442	chr10:110015684	11	T
Pan_troglodytes_verus	chr10:111791504	chr10:110031746	12	T
Pan_troglodytes_verus	chr10:112525526	chr10:110765768	10	T
Pan_troglodytes_verus	chr10:115837207	chr10:114077448	11	A
Pan_troglodytes_verus	chr10:125643613	chr10:123884097	11	A
Pan_troglodytes_verus	chr10:133032722	chr10:131234459	14,15	T
Pan_troglodytes_verus	chr11:23271275	chr11:23249729	8	T
Pan_troglodytes_verus	chr11:24963439	chr11:24941893	11,12	A
Pan_troglodytes_verus	chr11:25154300	chr11:25132754	8	T
Pan_troglodytes_verus	chr11:26454465	chr11:26432918	8	T
Pan_troglodytes_verus	chr11:27023801	chr11:27002254	11	A
Pan_troglodytes_verus	chr11:28592596	chr11:28571049	11	T
Pan_troglodytes_verus	chr11:42366940	chr11:42345390	7	A
Pan_troglodytes_verus	chr11:49984767	chr11:49963217	9	A
Pan_troglodytes_verus	chr11:61068883	chr11:61301411	8	T
Pan_troglodytes_verus	chr11:65270091	chr11:65502620	10	T
Pan_troglodytes_verus	chr11:65528326	chr11:65760855	13	T
Pan_troglodytes_verus	chr11:71985581	chr11:72274537	12	A
Pan_troglodytes_verus	chr11:78122664	chr11:78411618	6	CAA
Pan_troglodytes_verus	chr11:87203673	chr11:87492631	11	T
Pan_troglodytes_verus	chr11:102187758	chr11:102317027	10	T
Pan_troglodytes_verus	chr11:117903685	chr11:118032970	17	T
Pan_troglodytes_verus	chr11:121827922	chr11:121957214	7	A

Pan_troglodytes_verus	chr11:131297261	chr11:131427367	8	A
Pan_troglodytes_verus	chr12:3076357	chr12:2967191	7	A
Pan_troglodytes_verus	chr12:15866044	chr12:15713110	13	T
Pan_troglodytes_verus	chr12:75422280	chr12:75028500	7	T
Pan_troglodytes_verus	chr12:80068493	chr12:79674713	9	A
Pan_troglodytes_verus	chr12:85334354	chr12:84940575	4	GAA
Pan_troglodytes_verus	chr12:89415997	chr12:89022220	9	A
Pan_troglodytes_verus	chr12:96507386	chr12:96113608	9,10	A
Pan_troglodytes_verus	chr12:96677226	chr12:96283448	12,13	T
Pan_troglodytes_verus	chr12:97243026	chr12:96849248	9	T
Pan_troglodytes_verus	chr12:99295657	chr12:98901879	10,9	T
Pan_troglodytes_verus	chr12:116032864	chr12:115595059	8,9	T
Pan_troglodytes_verus	chr12:121196701	chr12:120758898	10	A
Pan_troglodytes_verus	chr13:19833069	chr13:19258929	8	T
Pan_troglodytes_verus	chr13:24635889	chr13:24061750	8	A
Pan_troglodytes_verus	chr13:72668594	chr13:72094456	11	A
Pan_troglodytes_verus	chr13:80824059	chr13:80249924	9	A
Pan_troglodytes_verus	chr13:82795496	chr13:82221361	8	A
Pan_troglodytes_verus	chr13:90036365	chr13:89384111	8	T
Pan_troglodytes_verus	chr13:93582384	chr13:92930131	11	A
Pan_troglodytes_verus	chr14:47053649	chr14:46584446	9,10	A
Pan_troglodytes_verus	chr14:48018410	chr14:47549207	8	A
Pan_troglodytes_verus	chr14:64291915	chr14:63825197	8	T
Pan_troglodytes_verus	chr14:64315984	chr14:63849266	8	T
Pan_troglodytes_verus	chr14:75897746	chr14:75431043	7	A
Pan_troglodytes_verus	chr14:95242390	chr14:94776053	8	T
Pan_troglodytes_verus	chr15:33819859	chr15:33527658	9	A
Pan_troglodytes_verus	chr15:33976654	chr15:33684453	9	A
Pan_troglodytes_verus	chr15:41153729	chr15:40861531	9,11	A
Pan_troglodytes_verus	chr15:41595036	chr15:41302838	9	T
Pan_troglodytes_verus	chr15:51437992	chr15:51145795	15	T
Pan_troglodytes_verus	chr15:69741932	chr15:69449593	10	T
Pan_troglodytes_verus	chr15:78533347	chr15:78241005	16	T
Pan_troglodytes_verus	chr15:94250865	chr15:93707636	12	T
Pan_troglodytes_verus	chr15:101732317	chr15:101192112	6	TC
Pan_troglodytes_verus	chr16:1767697	chr16:1717696	13,14	T
Pan_troglodytes_verus	chr16:3287713	chr16:3237713	7	T
Pan_troglodytes_verus	chr16:3839711	chr16:3789710	9,10	A
Pan_troglodytes_verus	chr16:9314449	chr16:9220592	10	T
Pan_troglodytes_verus	chr16:20886144	chr16:20874822	10	T

Pan_troglodytes_verus	chr16:22287587	chr16:22276266	11	T
Pan_troglodytes_verus	chr16:22895040	chr16:22883719	7	A
Pan_troglodytes_verus	chr16:47909446	chr16:47875535	15	T
Pan_troglodytes_verus	chr16:53526992	chr16:53493080	9	T
Pan_troglodytes_verus	chr16:61011862	chr16:60977958	10	A
Pan_troglodytes_verus	chr16:70383805	chr16:70349902	9	T
Pan_troglodytes_verus	chr16:72194478	chr16:72160579	11	T
Pan_troglodytes_verus	chr16:84720015	chr16:84686409	13	T
Pan_troglodytes_verus	chr17:5301165	chr17:5397845	10	T
Pan_troglodytes_verus	chr17:66102544	chr17:68106403	15	T
Pan_troglodytes_verus	chr18:38904311	chr18:41324347	8	T
Pan_troglodytes_verus	chr18:40517227	chr18:42937262	8	T
Pan_troglodytes_verus	chr18:49365125	chr18:51838755	9	T
Pan_troglodytes_verus	chr18:67837364	chr18:70170128	7,9	T
Pan_troglodytes_verus	chr18:72384270	chr18:74672314	9	T
Pan_troglodytes_verus	chr19:10546849	chr19:10436173	10	A
Pan_troglodytes_verus	chr19:32832095	chr19:32341189	9	A
Pan_troglodytes_verus	chr19:39172469	chr19:38681829	17	T
Pan_troglodytes_verus	chr20:6800576	chr20:6819929	16,17	A
Pan_troglodytes_verus	chr20:9566906	chr20:9586259	7	A
Pan_troglodytes_verus	chr20:18251882	chr20:18271238	8	A
Pan_troglodytes_verus	chr20:20124127	chr20:20143483	9	T
Pan_troglodytes_verus	chr20:33367640	chr20:34779837	9	A
Pan_troglodytes_verus	chr20:40420990	chr20:41792350	9	T
Pan_troglodytes_verus	chr20:50731364	chr20:52114825	10	A
Pan_troglodytes_verus	chr21:31036936	chr21:29664616	8	A
Pan_troglodytes_verus	chr21:35141914	chr21:33769610	8	T
Pan_troglodytes_verus	chr22:17835528	chr22:17354638	13	T
Pan_troglodytes_verus	chr22:21296916	chr22:20942628	12	T
Pan_troglodytes_verus	chr22:22220877	chr22:21866587	10	A
Pan_troglodytes_verus	chr22:43152672	chr22:42756666	8	T
Pan_troglodytes_verus	chr22:50089425	chr22:49695777	13	A
Pongo_abelii	chr1:45728473	chr1:45262801	7,8	A
Pongo_abelii	chr1:65875569	chr1:65409886	13,15	T
Pongo_abelii	chr1:245180640	chr1:245017338	11	T
Pongo_abelii	chr2:99055775	chr2:98439312	7	T
Pongo_abelii	chr2:100258752	chr2:99642290	13,14	T
Pongo_abelii	chr2:103114298	chr2:102497839	8	A
Pongo_abelii	chr2:104126373	chr2:103509915	15	T
Pongo_abelii	chr2:104128269	chr2:103511811	8	T

Pongo_abelii	chr2:104366807	chr2:103750349	7,9,6	AC
Pongo_abelii	chr2:104619767	chr2:104003309	8,7	A
Pongo_abelii	chr2:104620764	chr2:104004306	11,14	T
Pongo_abelii	chr2:106319225	chr2:105702768	9,8	A
Pongo_abelii	chr2:106406606	chr2:105790149	3	TTC
Pongo_abelii	chr2:106486282	chr2:105869826	8	A
Pongo_abelii	chr2:107148792	chr2:106532336	9,7	T
Pongo_abelii	chr2:108780630	chr2:108164174	9,10	T
Pongo_abelii	chr2:115575772	chr2:114818195	11,12,14	T
Pongo_abelii	chr2:135014209	chr2:134256638	8	A
Pongo_abelii	chr2:135973658	chr2:135216088	14,15	T
Pongo_abelii	chr2:138368332	chr2:137610762	7	T
Pongo_abelii	chr2:138933296	chr2:138175726	9	A
Pongo_abelii	chr2:138973183	chr2:138215613	9	A
Pongo_abelii	chr2:140156402	chr2:139398832	8	A
Pongo_abelii	chr2:140859124	chr2:140101555	21	A
Pongo_abelii	chr2:141824612	chr2:141067043	20	T
Pongo_abelii	chr2:141836377	chr2:141078808	9	A
Pongo_abelii	chr2:141871138	chr2:141113569	11,15	T
Pongo_abelii	chr2:142270340	chr2:141512771	10,9	A
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Pongo_abelii	chr2:142782644	chr2:142025075	13	T
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Pongo_abelii	chr2:145577770	chr2:144820203	8	A
Pongo_abelii	chr2:145821682	chr2:145064115	14,13	T
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Pongo_abelii	chr2:146360177	chr2:145602609	10,11	T
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Pongo_abelii	chr2:147595191	chr2:146837623	8	T
Pongo_abelii	chr2:148691027	chr2:147933458	8	T
Pongo_abelii	chr2:150217124	chr2:149360610	11,10	T
Pongo_abelii	chr2:150272357	chr2:149415843	19	T
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Pongo_abelii	chr2:154974796	chr2:154118283	13,12,11	T
Pongo_abelii	chr2:156132961	chr2:155276449	8	T
Pongo_abelii	chr2:159406349	chr2:158549837	8	T

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Pongo_abelii	chr2:161928062	chr2:161071551	8	A
Pongo_abelii	chr2:161969994	chr2:161113483	9	A
Pongo_abelii	chr2:162092229	chr2:161235718	22	A
Pongo_abelii	chr2:162117496	chr2:161260985	9	T
Pongo_abelii	chr2:162132996	chr2:161276485	4	ATC
Pongo_abelii	chr2:162431787	chr2:161575277	16	T
Pongo_abelii	chr2:162445873	chr2:161589363	8	T
Pongo_abelii	chr2:163610029	chr2:162753519	3	TTCTA
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Pongo_abelii	chr2:163985604	chr2:163129094	9	A
Pongo_abelii	chr2:166613148	chr2:165756638	9	A
Pongo_abelii	chr2:166824104	chr2:165967594	4	GA
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Pongo_abelii	chr2:184474382	chr2:183609654	12	A
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Pongo_abelii	chr2:187369038	chr2:186504311	10	A
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Pongo_abelii	chr2:190068261	chr2:189203535	8	T
Pongo_abelii	chr2:190652160	chr2:189787434	11,12	A
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Pongo_abelii	chr2:192621856	chr2:191757130	20	A

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Pongo_abelii	chr2:199305832	chr2:198441108	7	A
Pongo_abelii	chr2:199306327	chr2:198441603	10,11	T
Pongo_abelii	chr2:199408458	chr2:198543734	16	A
Pongo_abelii	chr2:199663131	chr2:198798407	27,26,28	A
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Pongo_abelii	chr2:201725218	chr2:200860495	13,14	A
Pongo_abelii	chr2:202465309	chr2:201600586	16	A
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Pongo_abelii	chr2:205477773	chr2:204613050	9	T
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Pongo_abelii	chr2:215202634	chr2:214337910	12,13,14,11	T
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Pongo_abelii	chr2:217216619	chr2:216351896	7	A
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Pongo_abelii	chr2:224740102	chr2:223875385	15,17,16	A
Pongo_abelii	chr2:225259977	chr2:224395260	8	A
Pongo_abelii	chr2:226065588	chr2:225200871	24,25	T
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Pongo_abelii	chr2:228452497	chr2:227587781	6	T
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Pongo_abelii	chr2:232476022	chr2:231611311	8	G
Pongo_abelii	chr2:234996287	chr2:234087643	8	A
Pongo_abelii	chr2:235467074	chr2:234558430	9,10,11,13	T
Pongo_abelii	chr2:240977515	chr2:240038098	18,19	T
Pongo_abelii	chr2:242389422	chr2:241450007	20	A
Pongo_abelii	chr3:7608437	chr3:7566750	13,16,17	A
Pongo_abelii	chr3:12791467	chr3:12749968	9	A
Pongo_abelii	chr3:14068208	chr3:14026708	8	A
Pongo_abelii	chr3:14069479	chr3:14027979	10	A
Pongo_abelii	chr3:14185225	chr3:14143725	12	T
Pongo_abelii	chr3:14681633	chr3:14640126	10	T
Pongo_abelii	chr3:46395501	chr3:46354010	11	T
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Pongo_abelii	chr3:77534580	chr3:77485429	24,25	T
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Pongo_abelii	chr3:78070883	chr3:78021732	9	T
Pongo_abelii	chr3:79307371	chr3:79258221	4	TTG
Pongo_abelii	chr3:79337942	chr3:79288792	10	T
Pongo_abelii	chr3:79686535	chr3:79637385	10,9	A
Pongo_abelii	chr3:81798946	chr3:81749795	7	T
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Pongo_abelii	chr3:86636050	chr3:86586900	8	T
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Pongo_abelii	chr3:86916608	chr3:86867458	13	T
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Pongo_abelii	chr3:87477475	chr3:87428325	10,7	T

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Pongo_abelii	chr3:89517406	chr3:89468256	11	T
Pongo_abelii	chr3:89556242	chr3:89507092	11	T
Pongo_abelii	chr3:89571085	chr3:89521935	10	T
Pongo_abelii	chr3:89724374	chr3:89675224	9	TA
Pongo_abelii	chr3:89725710	chr3:89676560	10	T
Pongo_abelii	chr3:89813080	chr3:89763930	9	A
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Pongo_abelii	chr3:90042840	chr3:89993690	9	A
Pongo_abelii	chr3:90144842	chr3:90095692	10	A
Pongo_abelii	chr3:90167214	chr3:90118064	9	A
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Pongo_abelii	chr3:131109163	chr3:131390319	16	A
Pongo_abelii	chr3:131195407	chr3:131476563	8	A
Pongo_abelii	chr3:132261876	chr3:132543032	7	A
Pongo_abelii	chr3:133905734	chr3:134186890	14	A
Pongo_abelii	chr3:133947481	chr3:134228637	12	A
Pongo_abelii	chr3:134444145	chr3:134725303	9,11	T
Pongo_abelii	chr3:135754760	chr3:136035918	22,23,25	T
Pongo_abelii	chr3:137030179	chr3:137311337	7	T
Pongo_abelii	chr3:138778811	chr3:139059969	11,12	T
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Pongo_abelii	chr3:143204716	chr3:143485874	7	A
Pongo_abelii	chr3:145016174	chr3:145298387	10,12,11	T
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Pongo_abelii	chr3:152512482	chr3:152794693	7	A
Pongo_abelii	chr3:152513768	chr3:152795979	9,7	A
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Pongo_abelii	chr3:157417851	chr3:157700062	16,15	A
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Pongo_abelii	chr3:162279166	chr3:162561378	8	A

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Pongo_abelii	chr3:164408018	chr3:164690230	8	T
Pongo_abelii	chr3:164613978	chr3:164896190	8	A
Pongo_abelii	chr3:166118022	chr3:166400234	8	T
Pongo_abelii	chr3:166190417	chr3:166472629	8	A
Pongo_abelii	chr3:166281013	chr3:166563225	14,13,15	A
Pongo_abelii	chr3:166732324	chr3:167014536	10	A
Pongo_abelii	chr3:168133108	chr3:168415320	10	T
Pongo_abelii	chr3:168948030	chr3:169230242	17	A
Pongo_abelii	chr3:169035116	chr3:169317328	11	T
Pongo_abelii	chr3:175770796	chr3:176053008	10	T
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Pongo_abelii	chr3:176525439	chr3:176807651	10	A
Pongo_abelii	chr3:180898712	chr3:181180924	9	A
Pongo_abelii	chr3:182152858	chr3:182435070	9	A
Pongo_abelii	chr3:182218998	chr3:182501210	16	GT
Pongo_abelii	chr3:183428485	chr3:183710697	8,12,14	T
Pongo_abelii	chr3:185114824	chr3:185397036	17,19	T
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Pongo_abelii	chr3:190925934	chr3:191208145	10,11	A
Pongo_abelii	chr3:191824303	chr3:192106514	10,11	A
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Pongo_abelii	chr3:196866063	chr3:197139192	8	A
Pongo_abelii	chr4:11210781	chr4:11209157	10	A
Pongo_abelii	chr4:11740675	chr4:11739051	9	A
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Pongo_abelii	chr4:13052740	chr4:13051116	9	A
Pongo_abelii	chr4:13674136	chr4:13672512	9,7	A
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Pongo_abelii	chr4:20418586	chr4:20416963	11,15,19	T
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Pongo_abelii	chr4:37060837	chr4:37059215	12,13,14,15	A

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Pongo_abelii	chr15:36558117	chr15:36265916	18,17	A
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Pongo_abelii	chr15:38778246	chr15:38486045	20	T
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Pongo_abelii	chr21:19480466	chr21:18108148	16	T
Pongo_abelii	chr21:19627189	chr21:18254872	9	T
Pongo_abelii	chr21:20180132	chr21:18807814	21,26	A
Pongo_abelii	chr21:20417076	chr21:19044757	13	T
Pongo_abelii	chr21:20910065	chr21:19537750	7	T
Pongo_abelii	chr21:21061219	chr21:19688905	18,21	T
Pongo_abelii	chr21:21062332	chr21:19690018	7	T
Pongo_abelii	chr21:21393402	chr21:20021089	7	A
Pongo_abelii	chr21:24388347	chr21:23016025	10,11	T
Pongo_abelii	chr21:27162491	chr21:25790180	9	A
Pongo_abelii	chr21:28414231	chr21:27041912	9	T
Pongo_abelii	chr21:28749134	chr21:27376815	7	T
Pongo_abelii	chr21:28913246	chr21:27540927	10,9,14	T

Pongo_abelii	chr21:30076880	chr21:28704558	18,19	A
Pongo_abelii	chr21:30241825	chr21:28869503	4	CTT
Pongo_abelii	chr21:30419930	chr21:29047609	7	T
Pongo_abelii	chr21:31939332	chr21:30567013	16	T
Pongo_abelii	chr21:33840805	chr21:32468497	9	TA
Pongo_abelii	chr21:34855533	chr21:33483226	12	A
Pongo_abelii	chr21:34855653	chr21:33483346	9	A
Pongo_abelii	chr21:35019796	chr21:33647490	24	T
Pongo_abelii	chr21:35284708	chr21:33912404	8	A
Pongo_abelii	chr21:37453964	chr21:36081666	9	A
Pongo_abelii	chr21:38138763	chr21:36766462	8	T
Pongo_abelii	chr21:40324016	chr21:38952091	9	T
Pongo_abelii	chr21:42916933	chr21:41545006	11,12	A
Pongo_abelii	chr21:42947233	chr21:41575306	9,10	T
Pongo_abelii	chr21:44426606	chr21:43006496	16,17	T
Pongo_abelii	chr21:47596685	chr21:46176771	8	A
Pongo_abelii	chr21:47751680	chr21:46331766	12,13	A
Pongo_abelii	chr21:47761861	chr21:46341947	11	T
Pongo_abelii	chr22:25144560	chr22:24748593	9,12	T
Pongo_abelii	chr22:25997749	chr22:25601782	8	A
Pongo_abelii	chr22:26943052	chr22:26547086	12	T
Pongo_abelii	chr22:27026785	chr22:26630821	9	T
Pongo_abelii	chr22:30559727	chr22:30163738	27	T
Pongo_abelii	chr22:34476869	chr22:34080880	8	T
Pongo_abelii	chr22:34514166	chr22:34118177	33	T
Pongo_abelii	chr22:36136376	chr22:35740329	7	A
Pongo_abelii	chr22:37113259	chr22:36717214	10	A
Pongo_abelii	chr22:37392179	chr22:36996138	7	A
Pongo_abelii	chr22:39288310	chr22:38892305	14,15	A
Pongo_abelii	chr22:45738671	chr22:45342790	19	A
Pongo_abelii	chr22:45757340	chr22:45361460	10	AC
Pongo_abelii	chr22:50126004	chr22:49732356	18	T
Pongo_abelii	chr22:50309236	chr22:49915588	11	A
Pongo_abelii	chrX:3858726	chrX:3940685	10	T
Pongo_abelii	chrX:4061982	chrX:4143941	25	A
Pongo_abelii	chrX:4392691	chrX:4474650	17,18	T
Pongo_abelii	chrX:5766985	chrX:5848944	8	A
Pongo_abelii	chrX:8969707	chrX:9001666	11,12	A
Pongo_abelii	chrX:9150408	chrX:9182367	10,11	T
Pongo_abelii	chrX:10383917	chrX:10415877	10	T

Pongo_abelii	chrX:10408864	chrX:10440824	3	AGAA
Pongo_abelii	chrX:11055431	chrX:11037311	11	A
Pongo_abelii	chrX:12225148	chrX:12207029	21	T
Pongo_abelii	chrX:12332804	chrX:12314685	10	T
Pongo_abelii	chrX:12527853	chrX:12509734	15	A
Pongo_abelii	chrX:12823084	chrX:12804965	11	A
Pongo_abelii	chrX:13850206	chrX:13832087	8	A
Pongo_abelii	chrX:13879593	chrX:13861474	14	T
Pongo_abelii	chrX:14712194	chrX:14694072	9	A
Pongo_abelii	chrX:15557382	chrX:15539259	8	A
Pongo_abelii	chrX:16142707	chrX:16124584	14,13	A
Pongo_abelii	chrX:17820577	chrX:17802457	8	A
Pongo_abelii	chrX:19873985	chrX:19855867	11	T
Pongo_abelii	chrX:23881544	chrX:23863427	11	A
Pongo_abelii	chrX:24277277	chrX:24259160	14	T
Pongo_abelii	chrX:28451694	chrX:28433577	11	A
Pongo_abelii	chrX:29595404	chrX:29577287	9	A
Pongo_abelii	chrX:29700032	chrX:29681915	12	A
Pongo_abelii	chrX:29972559	chrX:29954442	8	A
Pongo_abelii	chrX:30895954	chrX:30877837	10	A
Pongo_abelii	chrX:31120918	chrX:31102801	14	GA
Pongo_abelii	chrX:33147638	chrX:33129521	20	A
Pongo_abelii	chrX:33246086	chrX:33227969	8	A
Pongo_abelii	chrX:35946764	chrX:35928647	13,14	T
Pongo_abelii	chrX:35962398	chrX:35944281	10	T
Pongo_abelii	chrX:36572891	chrX:36554811	10,11	A
Pongo_abelii	chrX:38244920	chrX:38385667	10,11	T
Pongo_abelii	chrX:38851487	chrX:38992232	13	A
Pongo_abelii	chrX:39038550	chrX:39179297	13	T
Pongo_abelii	chrX:39082623	chrX:39223370	12	T
Pongo_abelii	chrX:40980511	chrX:41121258	10	T
Pongo_abelii	chrX:41117291	chrX:41258038	10	A
Pongo_abelii	chrX:41871404	chrX:42012151	10	A
Pongo_abelii	chrX:42344898	chrX:42485646	9	T
Pongo_abelii	chrX:42494595	chrX:42635343	9	T
Pongo_abelii	chrX:42801964	chrX:42942715	8	T
Pongo_abelii	chrX:42920040	chrX:43060791	11	A
Pongo_abelii	chrX:53845668	chrX:53819170	8	A
Pongo_abelii	chrX:56231051	chrX:56204618	13,14	T
Pongo_abelii	chrX:56853308	chrX:56826875	10	T

Pongo_abelii	chrX:62636924	chrX:63417044	13,14	T
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Pongo_abelii	chrX:64363338	chrX:65143458	8,9	T
Pongo_abelii	chrX:64465533	chrX:65245653	9	A
Pongo_abelii	chrX:64517518	chrX:65297638	10	A
Pongo_abelii	chrX:65623993	chrX:66404151	12,13	T
Pongo_abelii	chrX:66293101	chrX:67073259	11	A
Pongo_abelii	chrX:66298936	chrX:67079094	12,11	T
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Pongo_abelii	chrX:66904713	chrX:67684871	11	T
Pongo_abelii	chrX:67090646	chrX:67870804	12	T
Pongo_abelii	chrX:67425890	chrX:68206048	8	T
Pongo_abelii	chrX:69162331	chrX:69942481	11,12	T
Pongo_abelii	chrX:69533247	chrX:70313397	15	T
Pongo_abelii	chrX:72694311	chrX:73474475	10,8,11,12	A
Pongo_abelii	chrX:72812745	chrX:73592909	11	T
Pongo_abelii	chrX:74275584	chrX:75055749	8	TG
Pongo_abelii	chrX:75109561	chrX:75889726	8	T
Pongo_abelii	chrX:76787755	chrX:77532276	15	A
Pongo_abelii	chrX:79942882	chrX:80687383	9	T
Pongo_abelii	chrX:80140441	chrX:80884942	10	A
Pongo_abelii	chrX:80189010	chrX:80933511	8	A
Pongo_abelii	chrX:80735715	chrX:81480216	12,13	A
Pongo_abelii	chrX:81008485	chrX:81752986	10	T
Pongo_abelii	chrX:82811593	chrX:83556585	9	T
Pongo_abelii	chrX:82824770	chrX:83569762	9	T
Pongo_abelii	chrX:83190520	chrX:83935512	8	T
Pongo_abelii	chrX:85788818	chrX:86533815	12	T
Pongo_abelii	chrX:85953083	chrX:86698080	8	A
Pongo_abelii	chrX:87208685	chrX:87953685	18,16	A
Pongo_abelii	chrX:87235012	chrX:87980012	8	A
Pongo_abelii	chrX:90666707	chrX:91411708	9	A
Pongo_abelii	chrX:92639950	chrX:93384951	9	T
Pongo_abelii	chrX:92891109	chrX:93636110	9	A
Pongo_abelii	chrX:93040234	chrX:93785235	9	T
Pongo_abelii	chrX:93673496	chrX:94418497	12,11	T
Pongo_abelii	chrX:98160645	chrX:98905647	11	A
Pongo_abelii	chrX:98465767	chrX:99210769	15,16	A
Pongo_abelii	chrX:98889687	chrX:99634689	12,11	A
Pongo_abelii	chrX:99010677	chrX:99755679	11	A

Pongo_abelii	chrX:99854289	chrX:100599292	15,16,14,13,17	A
Pongo_abelii	chrX:99939574	chrX:100684577	13,14,12	A
Pongo_abelii	chrX:100248754	chrX:100993765	14	A
Pongo_abelii	chrX:100390659	chrX:101135670	8,9	T
Pongo_abelii	chrX:100647507	chrX:101392519	9	T
Pongo_abelii	chrX:100863898	chrX:101608918	10,11	A
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Pongo_abelii	chrX:101027379	chrX:101772406	11,12	T
Pongo_abelii	chrX:101800797	chrX:102545869	9	A
Pongo_abelii	chrX:102123815	chrX:102868887	9	T
Pongo_abelii	chrX:104671323	chrX:105426652	11	T
Pongo_abelii	chrX:105615792	chrX:106372562	8	AT
Pongo_abelii	chrX:105857792	chrX:106614562	9	T
Pongo_abelii	chrX:106430586	chrX:107187356	17	A
Pongo_abelii	chrX:106578782	chrX:107335552	11	T
Pongo_abelii	chrX:106886733	chrX:107643503	14	T
Pongo_abelii	chrX:107739690	chrX:108496460	8	T
Pongo_abelii	chrX:108924111	chrX:109680882	12,14,13	T
Pongo_abelii	chrX:109475071	chrX:110231843	10	A
Pongo_abelii	chrX:113404480	chrX:114161266	9	T
Pongo_abelii	chrX:114694850	chrX:115460134	10,13	A
Pongo_abelii	chrX:116009855	chrX:116875887	12	A
Pongo_abelii	chrX:117659787	chrX:118525824	16	A
Pongo_abelii	chrX:118722358	chrX:119588395	12	T
Pongo_abelii	chrX:119438770	chrX:120304915	8	T
Pongo_abelii	chrX:119922605	chrX:120788751	9	A
Pongo_abelii	chrX:123984624	chrX:124850775	10	A
Pongo_abelii	chrX:124066088	chrX:124932239	10	A
Pongo_abelii	chrX:125886982	chrX:126752999	13	A
Pongo_abelii	chrX:128603316	chrX:129469339	10	A
Pongo_abelii	chrX:129507597	chrX:130373623	7	A
Pongo_abelii	chrX:130658296	chrX:131524322	17	A
Pongo_abelii	chrX:131924340	chrX:132790312	9,10	T
Pongo_abelii	chrX:132174048	chrX:133040020	11,8	T
Pongo_abelii	chrX:132969838	chrX:133835811	9	A
Pongo_abelii	chrX:133011991	chrX:133877964	10	T
Pongo_abelii	chrX:134087369	chrX:134953339	10	A
Pongo_abelii	chrX:134507915	chrX:135373990	11	A
Pongo_abelii	chrX:139347713	chrX:140265548	11,13	A
Pongo_abelii	chrX:141013095	chrX:141925309	11,12	T

Pongo_abelii	chrX:141711565	chrX:142623779	20,21	A
Pongo_abelii	chrX:143035305	chrX:143952199	10	A
Pongo_abelii	chrX:144103309	chrX:145021789	11,12	A
Pongo_abelii	chrX:146930247	chrX:147848729	16	A
Pongo_abelii	chrX:146941108	chrX:147859590	10	T
Pongo_abelii	chrX:147115061	chrX:148033541	14,12,13	T
Pongo_abelii	chrX:147714971	chrX:148633450	12	CA
Pongo_abelii	chrX:149796810	chrX:150628337	9	T
Pongo_abelii	chrX:150747393	chrX:151578921	17	T
Pongo_abelii	chrX:151232708	chrX:152064236	8	T
Pongo_pygmaeus	chr1:45728473	chr1:45262801	9	A
Pongo_pygmaeus	chr1:65875569	chr1:65409886	12,14	T
Pongo_pygmaeus	chr1:245180640	chr1:245017338	12,10	T
Pongo_pygmaeus	chr2:99055775	chr2:98439312	8	T
Pongo_pygmaeus	chr2:100258752	chr2:99642290	11,12	T
Pongo_pygmaeus	chr2:103114298	chr2:102497839	7	A
Pongo_pygmaeus	chr2:104126373	chr2:103509915	16	T
Pongo_pygmaeus	chr2:104128269	chr2:103511811	9	T
Pongo_pygmaeus	chr2:104366807	chr2:103750349	8	AC
Pongo_pygmaeus	chr2:104619767	chr2:104003309	9	A
Pongo_pygmaeus	chr2:104620764	chr2:104004306	12	T
Pongo_pygmaeus	chr2:106319225	chr2:105702768	10	A
Pongo_pygmaeus	chr2:106406606	chr2:105790149	2	TTC
Pongo_pygmaeus	chr2:106486282	chr2:105869826	7	A
Pongo_pygmaeus	chr2:107148792	chr2:106532336	8	T
Pongo_pygmaeus	chr2:108780630	chr2:108164174	8	T
Pongo_pygmaeus	chr2:115575772	chr2:114818195	9,13	T
Pongo_pygmaeus	chr2:135014209	chr2:134256638	7	A
Pongo_pygmaeus	chr2:135973658	chr2:135216088	13,12	T
Pongo_pygmaeus	chr2:138368332	chr2:137610762	8	T
Pongo_pygmaeus	chr2:138933296	chr2:138175726	10	A
Pongo_pygmaeus	chr2:138973183	chr2:138215613	10	A
Pongo_pygmaeus	chr2:140156402	chr2:139398832	9	A
Pongo_pygmaeus	chr2:140859124	chr2:140101555	20,19	A
Pongo_pygmaeus	chr2:141824612	chr2:141067043	19	T
Pongo_pygmaeus	chr2:141836377	chr2:141078808	8	A
Pongo_pygmaeus	chr2:141871138	chr2:141113569	12,14	T
Pongo_pygmaeus	chr2:142270340	chr2:141512771	11	A
Pongo_pygmaeus	chr2:142333323	chr2:141575754	10	A
Pongo_pygmaeus	chr2:142782644	chr2:142025075	12	T

Pongo_pygmaeus	chr2:145080166	chr2:144322599	9	A
Pongo_pygmaeus	chr2:145577770	chr2:144820203	7	A
Pongo_pygmaeus	chr2:145821682	chr2:145064115	10	T
Pongo_pygmaeus	chr2:146303231	chr2:145545663	7	T
Pongo_pygmaeus	chr2:146360177	chr2:145602609	12,13	T
Pongo_pygmaeus	chr2:146445546	chr2:145687978	7	A
Pongo_pygmaeus	chr2:146603115	chr2:145845547	10,11	T
Pongo_pygmaeus	chr2:147123297	chr2:146365729	19,20	A
Pongo_pygmaeus	chr2:147595191	chr2:146837623	7	T
Pongo_pygmaeus	chr2:148691027	chr2:147933458	9	T
Pongo_pygmaeus	chr2:150217124	chr2:149360610	12	T
Pongo_pygmaeus	chr2:150272357	chr2:149415843	18	T
Pongo_pygmaeus	chr2:150900545	chr2:150044031	11	A
Pongo_pygmaeus	chr2:153863733	chr2:153007219	11	T
Pongo_pygmaeus	chr2:154534060	chr2:153677547	9	A
Pongo_pygmaeus	chr2:154974796	chr2:154118283	10	T
Pongo_pygmaeus	chr2:156132961	chr2:155276449	9	T
Pongo_pygmaeus	chr2:159406349	chr2:158549837	7	T
Pongo_pygmaeus	chr2:161309723	chr2:160453212	10	A
Pongo_pygmaeus	chr2:161559815	chr2:160703304	12,13	T
Pongo_pygmaeus	chr2:161607966	chr2:160751455	10	A
Pongo_pygmaeus	chr2:161924731	chr2:161068220	12	A
Pongo_pygmaeus	chr2:161928062	chr2:161071551	9,10	A
Pongo_pygmaeus	chr2:161969994	chr2:161113483	8	A
Pongo_pygmaeus	chr2:162092229	chr2:161235718	19	A
Pongo_pygmaeus	chr2:162117496	chr2:161260985	8	T
Pongo_pygmaeus	chr2:162132996	chr2:161276485	3	ATC
Pongo_pygmaeus	chr2:162431787	chr2:161575277	15	T
Pongo_pygmaeus	chr2:162445873	chr2:161589363	9	T
Pongo_pygmaeus	chr2:163610029	chr2:162753519	2	TTCTA
Pongo_pygmaeus	chr2:163650663	chr2:162794153	8	A
Pongo_pygmaeus	chr2:163985604	chr2:163129094	8	A
Pongo_pygmaeus	chr2:166613148	chr2:165756638	8	A
Pongo_pygmaeus	chr2:166824104	chr2:165967594	3	GA
Pongo_pygmaeus	chr2:168961686	chr2:168105176	8	T
Pongo_pygmaeus	chr2:171746951	chr2:170890441	16	A
Pongo_pygmaeus	chr2:174650431	chr2:173785703	26	A
Pongo_pygmaeus	chr2:175446025	chr2:174581297	8	T
Pongo_pygmaeus	chr2:177097852	chr2:176233124	17	A
Pongo_pygmaeus	chr2:177265017	chr2:176400289	12	T

Pongo_pygmaeus	chr2:179276714	chr2:178411987	13	A
Pongo_pygmaeus	chr2:179278956	chr2:178414229	8	T
Pongo_pygmaeus	chr2:179406780	chr2:178542053	10	A
Pongo_pygmaeus	chr2:179602503	chr2:178737776	11	T
Pongo_pygmaeus	chr2:180076059	chr2:179211332	9	A
Pongo_pygmaeus	chr2:180088277	chr2:179223550	11	A
Pongo_pygmaeus	chr2:180961865	chr2:180097138	10	A
Pongo_pygmaeus	chr2:184474382	chr2:183609654	11,13	A
Pongo_pygmaeus	chr2:187316894	chr2:186452167	9	A
Pongo_pygmaeus	chr2:187369038	chr2:186504311	11	A
Pongo_pygmaeus	chr2:187656199	chr2:186791472	12	A
Pongo_pygmaeus	chr2:189876960	chr2:189012234	9	A
Pongo_pygmaeus	chr2:189952569	chr2:189087843	8	A
Pongo_pygmaeus	chr2:190037580	chr2:189172854	10	A
Pongo_pygmaeus	chr2:190068261	chr2:189203535	7	T
Pongo_pygmaeus	chr2:190652160	chr2:189787434	10	A
Pongo_pygmaeus	chr2:191551084	chr2:190686358	7	A
Pongo_pygmaeus	chr2:192621856	chr2:191757130	19	A
Pongo_pygmaeus	chr2:193064707	chr2:192199981	13,15	A
Pongo_pygmaeus	chr2:194372273	chr2:193507548	9	T
Pongo_pygmaeus	chr2:195588068	chr2:194723344	10	A
Pongo_pygmaeus	chr2:196911782	chr2:196047058	8	A
Pongo_pygmaeus	chr2:199204535	chr2:198339811	10	T
Pongo_pygmaeus	chr2:199305832	chr2:198441108	6	A
Pongo_pygmaeus	chr2:199306327	chr2:198441603	9	T
Pongo_pygmaeus	chr2:199408458	chr2:198543734	17	A
Pongo_pygmaeus	chr2:199663131	chr2:198798407	29	A
Pongo_pygmaeus	chr2:199664615	chr2:198799891	6	T
Pongo_pygmaeus	chr2:199664895	chr2:198800171	25	T
Pongo_pygmaeus	chr2:199697629	chr2:198832905	11	A
Pongo_pygmaeus	chr2:201264684	chr2:200399961	10	A
Pongo_pygmaeus	chr2:201691664	chr2:200826941	10	T
Pongo_pygmaeus	chr2:201725218	chr2:200860495	12	A
Pongo_pygmaeus	chr2:202465309	chr2:201600586	15	A
Pongo_pygmaeus	chr2:203255612	chr2:202390889	11	T
Pongo_pygmaeus	chr2:203328972	chr2:202464249	11	T
Pongo_pygmaeus	chr2:205477773	chr2:204613050	10,8	T
Pongo_pygmaeus	chr2:205673849	chr2:204809126	11	T
Pongo_pygmaeus	chr2:206541513	chr2:205676789	8	A
Pongo_pygmaeus	chr2:209028979	chr2:208164255	8,9	A

Pongo_pygmaeus	chr2:209363730	chr2:208499005	10	T
Pongo_pygmaeus	chr2:209363797	chr2:208499072	7	A
Pongo_pygmaeus	chr2:210343832	chr2:209479108	9	T
Pongo_pygmaeus	chr2:210409763	chr2:209545039	9	A
Pongo_pygmaeus	chr2:210810076	chr2:209945352	7	T
Pongo_pygmaeus	chr2:210914068	chr2:210049344	10	T
Pongo_pygmaeus	chr2:211021556	chr2:210156832	7	A
Pongo_pygmaeus	chr2:211054382	chr2:210189658	13,12	A
Pongo_pygmaeus	chr2:211092029	chr2:210227305	9	T
Pongo_pygmaeus	chr2:211571407	chr2:210706683	10	A
Pongo_pygmaeus	chr2:215202634	chr2:214337910	10	T
Pongo_pygmaeus	chr2:216057104	chr2:215192381	15,16	T
Pongo_pygmaeus	chr2:217216619	chr2:216351896	8	A
Pongo_pygmaeus	chr2:217217871	chr2:216353148	13	A
Pongo_pygmaeus	chr2:218683934	chr2:217819211	2	ATC
Pongo_pygmaeus	chr2:219218603	chr2:218353880	9	T
Pongo_pygmaeus	chr2:221037187	chr2:220172466	13,14	T
Pongo_pygmaeus	chr2:222288482	chr2:221423762	10	A
Pongo_pygmaeus	chr2:222309293	chr2:221444573	6	A
Pongo_pygmaeus	chr2:224740102	chr2:223875385	13,14	A
Pongo_pygmaeus	chr2:225259977	chr2:224395260	9	A
Pongo_pygmaeus	chr2:226065588	chr2:225200871	26,27	T
Pongo_pygmaeus	chr2:226771490	chr2:225906774	13,12	A
Pongo_pygmaeus	chr2:227075970	chr2:226211254	8	T
Pongo_pygmaeus	chr2:228452497	chr2:227587781	7	T
Pongo_pygmaeus	chr2:230958476	chr2:230093760	7	A
Pongo_pygmaeus	chr2:231745701	chr2:230880986	9	T
Pongo_pygmaeus	chr2:232476022	chr2:231611311	7	G
Pongo_pygmaeus	chr2:234996287	chr2:234087643	7	A
Pongo_pygmaeus	chr2:235467074	chr2:234558430	12	T
Pongo_pygmaeus	chr2:240977515	chr2:240038098	13	T
Pongo_pygmaeus	chr2:242389422	chr2:241450007	21,17	A
Pongo_pygmaeus	chr3:7608437	chr3:7566750	15,14	A
Pongo_pygmaeus	chr3:12791467	chr3:12749968	8	A
Pongo_pygmaeus	chr3:14068208	chr3:14026708	7	A
Pongo_pygmaeus	chr3:14069479	chr3:14027979	9	A
Pongo_pygmaeus	chr3:14185225	chr3:14143725	13,14	T
Pongo_pygmaeus	chr3:14681633	chr3:14640126	9,11	T
Pongo_pygmaeus	chr3:46395501	chr3:46354010	10	T
Pongo_pygmaeus	chr3:76762561	chr3:76713410	6,8	T

Pongo_pygmaeus	chr3:76832658	chr3:76783507	16	T
Pongo_pygmaeus	chr3:77534580	chr3:77485429	23,22	T
Pongo_pygmaeus	chr3:77623000	chr3:77573849	9	T
Pongo_pygmaeus	chr3:78070883	chr3:78021732	8	T
Pongo_pygmaeus	chr3:79307371	chr3:79258221	3	TTG
Pongo_pygmaeus	chr3:79337942	chr3:79288792	11	T
Pongo_pygmaeus	chr3:79686535	chr3:79637385	11	A
Pongo_pygmaeus	chr3:81798946	chr3:81749795	8	T
Pongo_pygmaeus	chr3:83762151	chr3:83713000	17	A
Pongo_pygmaeus	chr3:85487663	chr3:85438513	7	A
Pongo_pygmaeus	chr3:86240723	chr3:86191573	13,14,11	T
Pongo_pygmaeus	chr3:86584782	chr3:86535632	6	A
Pongo_pygmaeus	chr3:86636050	chr3:86586900	9	T
Pongo_pygmaeus	chr3:86814056	chr3:86764906	7	T
Pongo_pygmaeus	chr3:86916608	chr3:86867458	11,12	T
Pongo_pygmaeus	chr3:87253088	chr3:87203938	12,13	A
Pongo_pygmaeus	chr3:87477158	chr3:87428008	12,13	T
Pongo_pygmaeus	chr3:87477475	chr3:87428325	4,8	T
Pongo_pygmaeus	chr3:88350721	chr3:88301571	6	A
Pongo_pygmaeus	chr3:88466254	chr3:88417104	10	T
Pongo_pygmaeus	chr3:89218826	chr3:89169676	7	T
Pongo_pygmaeus	chr3:89316797	chr3:89267647	9	T
Pongo_pygmaeus	chr3:89421615	chr3:89372465	10	A
Pongo_pygmaeus	chr3:89517406	chr3:89468256	13,12	T
Pongo_pygmaeus	chr3:89556242	chr3:89507092	10	T
Pongo_pygmaeus	chr3:89571085	chr3:89521935	8,9	T
Pongo_pygmaeus	chr3:89724374	chr3:89675224	8	TA
Pongo_pygmaeus	chr3:89725710	chr3:89676560	9	T
Pongo_pygmaeus	chr3:89813080	chr3:89763930	8	A
Pongo_pygmaeus	chr3:89861644	chr3:89812494	8	A
Pongo_pygmaeus	chr3:90042840	chr3:89993690	8	A
Pongo_pygmaeus	chr3:90144842	chr3:90095692	9	A
Pongo_pygmaeus	chr3:90167214	chr3:90118064	10	A
Pongo_pygmaeus	chr3:104789464	chr3:105070620	7	A
Pongo_pygmaeus	chr3:131109163	chr3:131390319	15	A
Pongo_pygmaeus	chr3:131195407	chr3:131476563	7	A
Pongo_pygmaeus	chr3:132261876	chr3:132543032	8	A
Pongo_pygmaeus	chr3:133905734	chr3:134186890	13	A
Pongo_pygmaeus	chr3:133947481	chr3:134228637	13,14,11	A
Pongo_pygmaeus	chr3:134444145	chr3:134725303	10	T

Pongo_pygmaeus	chr3:135754760	chr3:136035918	13	T
Pongo_pygmaeus	chr3:137030179	chr3:137311337	8	T
Pongo_pygmaeus	chr3:138778811	chr3:139059969	13,14	T
Pongo_pygmaeus	chr3:139897080	chr3:140178238	10	A
Pongo_pygmaeus	chr3:143204716	chr3:143485874	8	A
Pongo_pygmaeus	chr3:145016174	chr3:145298387	9	T
Pongo_pygmaeus	chr3:148675983	chr3:148958196	10	A
Pongo_pygmaeus	chr3:150527590	chr3:150809803	8	T
Pongo_pygmaeus	chr3:150600178	chr3:150882391	10	T
Pongo_pygmaeus	chr3:151572974	chr3:151855186	13	T
Pongo_pygmaeus	chr3:152512482	chr3:152794693	8	A
Pongo_pygmaeus	chr3:152513768	chr3:152795979	11	A
Pongo_pygmaeus	chr3:156481450	chr3:156763661	9	A
Pongo_pygmaeus	chr3:157417851	chr3:157700062	13	A
Pongo_pygmaeus	chr3:158866570	chr3:159148781	8	T
Pongo_pygmaeus	chr3:159593156	chr3:159875367	9	T
Pongo_pygmaeus	chr3:159714096	chr3:159996309	10	A
Pongo_pygmaeus	chr3:162279166	chr3:162561378	9	A
Pongo_pygmaeus	chr3:164355175	chr3:164637387	7	A
Pongo_pygmaeus	chr3:164408018	chr3:164690230	9	T
Pongo_pygmaeus	chr3:164613978	chr3:164896190	9	A
Pongo_pygmaeus	chr3:166118022	chr3:166400234	7	T
Pongo_pygmaeus	chr3:166190417	chr3:166472629	7	A
Pongo_pygmaeus	chr3:166281013	chr3:166563225	11	A
Pongo_pygmaeus	chr3:166732324	chr3:167014536	12	A
Pongo_pygmaeus	chr3:168133108	chr3:168415320	9	T
Pongo_pygmaeus	chr3:168948030	chr3:169230242	16,15	A
Pongo_pygmaeus	chr3:169035116	chr3:169317328	12	T
Pongo_pygmaeus	chr3:175770796	chr3:176053008	9	T
Pongo_pygmaeus	chr3:176094795	chr3:176377007	9	A
Pongo_pygmaeus	chr3:176525439	chr3:176807651	9,12,11	A
Pongo_pygmaeus	chr3:180898712	chr3:181180924	10,8	A
Pongo_pygmaeus	chr3:182152858	chr3:182435070	8	A
Pongo_pygmaeus	chr3:182218998	chr3:182501210	15	GT
Pongo_pygmaeus	chr3:183428485	chr3:183710697	10,11	T
Pongo_pygmaeus	chr3:185114824	chr3:185397036	20	T
Pongo_pygmaeus	chr3:189208438	chr3:189490649	9,12	A
Pongo_pygmaeus	chr3:190925934	chr3:191208145	9,12	A
Pongo_pygmaeus	chr3:191824303	chr3:192106514	12	A
Pongo_pygmaeus	chr3:193184990	chr3:193467201	8	A

Pongo_pygmaeus	chr3:196866063	chr3:197139192	7	A
Pongo_pygmaeus	chr4:11210781	chr4:11209157	9	A
Pongo_pygmaeus	chr4:11740675	chr4:11739051	10	A
Pongo_pygmaeus	chr4:12559760	chr4:12558136	9	T
Pongo_pygmaeus	chr4:13038843	chr4:13037219	18	A
Pongo_pygmaeus	chr4:13052740	chr4:13051116	8	A
Pongo_pygmaeus	chr4:13674136	chr4:13672512	8	A
Pongo_pygmaeus	chr4:14818028	chr4:14816404	8	A
Pongo_pygmaeus	chr4:20418586	chr4:20416963	12	T
Pongo_pygmaeus	chr4:23322829	chr4:23321206	11	T
Pongo_pygmaeus	chr4:29065544	chr4:29063922	7	A
Pongo_pygmaeus	chr4:29610367	chr4:29608745	11,12	T
Pongo_pygmaeus	chr4:30322882	chr4:30321260	2	AG
Pongo_pygmaeus	chr4:31758136	chr4:31756514	8	C
Pongo_pygmaeus	chr4:33560480	chr4:33558858	7	T
Pongo_pygmaeus	chr4:34756813	chr4:34755191	7	A
Pongo_pygmaeus	chr4:35838314	chr4:35836692	11	A
Pongo_pygmaeus	chr4:37060837	chr4:37059215	11	A
Pongo_pygmaeus	chr4:39135189	chr4:39133569	12	A
Pongo_pygmaeus	chr4:40714748	chr4:40712731	6	A
Pongo_pygmaeus	chr4:40749567	chr4:40747550	12	T
Pongo_pygmaeus	chr4:41464812	chr4:41462795	8	T
Pongo_pygmaeus	chr4:41699388	chr4:41697371	15	T
Pongo_pygmaeus	chr4:44364787	chr4:44362770	12	T
Pongo_pygmaeus	chr4:44402431	chr4:44400414	15	A
Pongo_pygmaeus	chr4:44777666	chr4:44775649	11,14,15	T
Pongo_pygmaeus	chr4:45041296	chr4:45039279	9	T
Pongo_pygmaeus	chr4:45638440	chr4:45636423	27,28	T
Pongo_pygmaeus	chr4:47234840	chr4:47232823	8,14,11,13	T
Pongo_pygmaeus	chr4:48155238	chr4:48153221	15	A
Pongo_pygmaeus	chr4:60890815	chr4:60025097	27,28	T
Pongo_pygmaeus	chr4:72877515	chr4:72011798	8	A
Pongo_pygmaeus	chr4:72912896	chr4:72047179	17	A
Pongo_pygmaeus	chr4:73023236	chr4:72157519	6,8	T
Pongo_pygmaeus	chr4:73869997	chr4:73004280	9	A
Pongo_pygmaeus	chr4:73996328	chr4:73130611	9	T
Pongo_pygmaeus	chr4:73998200	chr4:73132483	7	T
Pongo_pygmaeus	chr4:74004765	chr4:73139048	14,13	T
Pongo_pygmaeus	chr4:74004954	chr4:73139237	21	A
Pongo_pygmaeus	chr4:74007867	chr4:73142150	8	A

Pongo_pygmaeus	chr4:74095357	chr4:73229640	7	TA
Pongo_pygmaeus	chr4:74106343	chr4:73240626	7	A
Pongo_pygmaeus	chr4:74480896	chr4:73615179	37	A
Pongo_pygmaeus	chr4:75412440	chr4:74546723	7	T
Pongo_pygmaeus	chr4:75543824	chr4:74618610	14,11	T
Pongo_pygmaeus	chr4:79771308	chr4:78850154	10	A
Pongo_pygmaeus	chr4:79788695	chr4:78867541	10,9	T
Pongo_pygmaeus	chr4:81028671	chr4:80107517	20	A
Pongo_pygmaeus	chr4:81578655	chr4:80657501	11	T
Pongo_pygmaeus	chr4:81884177	chr4:80963023	9	A
Pongo_pygmaeus	chr4:82137041	chr4:81215887	9	T
Pongo_pygmaeus	chr4:82284043	chr4:81362889	7	T
Pongo_pygmaeus	chr4:84017560	chr4:83096407	8,9	A
Pongo_pygmaeus	chr4:85142056	chr4:84220903	12	A
Pongo_pygmaeus	chr4:86560534	chr4:85639381	7	A
Pongo_pygmaeus	chr4:89569877	chr4:88648726	7	T
Pongo_pygmaeus	chr4:89582808	chr4:88661657	15,16	T
Pongo_pygmaeus	chr4:90507459	chr4:89586308	7	A
Pongo_pygmaeus	chr4:90507508	chr4:89586357	7	T
Pongo_pygmaeus	chr4:90508091	chr4:89586940	8	A
Pongo_pygmaeus	chr4:90973172	chr4:90052021	7	T
Pongo_pygmaeus	chr4:93248271	chr4:92327120	12,13,15	T
Pongo_pygmaeus	chr4:93507676	chr4:92586525	7	T
Pongo_pygmaeus	chr4:94046780	chr4:93125629	10	T
Pongo_pygmaeus	chr4:94227244	chr4:93306093	11	T
Pongo_pygmaeus	chr4:95597996	chr4:94676845	17	T
Pongo_pygmaeus	chr4:97532390	chr4:96611239	12,14,11	A
Pongo_pygmaeus	chr4:97786340	chr4:96865189	15	A
Pongo_pygmaeus	chr4:98094242	chr4:97173091	9,11	T
Pongo_pygmaeus	chr4:98566373	chr4:97645222	14,15,11	A
Pongo_pygmaeus	chr4:99302988	chr4:98381837	11	A
Pongo_pygmaeus	chr4:99634446	chr4:98713295	7	T
Pongo_pygmaeus	chr4:99815222	chr4:98894071	6	T
Pongo_pygmaeus	chr4:99823696	chr4:98902545	11	T
Pongo_pygmaeus	chr4:101140933	chr4:100219776	10	T
Pongo_pygmaeus	chr4:103102243	chr4:102181086	13	A
Pongo_pygmaeus	chr4:105808233	chr4:104887076	9	A
Pongo_pygmaeus	chr4:109585623	chr4:108664467	8	T
Pongo_pygmaeus	chr4:110738627	chr4:109817471	13	A
Pongo_pygmaeus	chr4:112763947	chr4:111842791	8	T

Pongo_pygmaeus	chr4:115234755	chr4:114313599	7	A
Pongo_pygmaeus	chr4:115559170	chr4:114638014	9	T
Pongo_pygmaeus	chr4:117954187	chr4:117033031	7	T
Pongo_pygmaeus	chr4:118885246	chr4:117964091	10	T
Pongo_pygmaeus	chr4:122745707	chr4:121824552	6	AT
Pongo_pygmaeus	chr4:122839841	chr4:121918686	11,10	T
Pongo_pygmaeus	chr4:123400216	chr4:122479061	10	T
Pongo_pygmaeus	chr4:125140552	chr4:124219397	10	A
Pongo_pygmaeus	chr4:125520545	chr4:124599390	11	T
Pongo_pygmaeus	chr4:125753451	chr4:124832296	4	T
Pongo_pygmaeus	chr4:127308319	chr4:126387164	8	A
Pongo_pygmaeus	chr4:127690120	chr4:126768965	16,18	A
Pongo_pygmaeus	chr4:128623348	chr4:127702193	15,16	A
Pongo_pygmaeus	chr4:128714485	chr4:127793330	10,8	T
Pongo_pygmaeus	chr4:132303364	chr4:131382209	10	T
Pongo_pygmaeus	chr4:133030036	chr4:132108881	8	A
Pongo_pygmaeus	chr4:136685412	chr4:135764257	22	T
Pongo_pygmaeus	chr4:136694126	chr4:135772971	6	T
Pongo_pygmaeus	chr4:137352143	chr4:136430988	16	A
Pongo_pygmaeus	chr4:138244583	chr4:137323429	9	A
Pongo_pygmaeus	chr4:138428885	chr4:137507731	9	A
Pongo_pygmaeus	chr4:138444494	chr4:137523340	10	T
Pongo_pygmaeus	chr4:138952859	chr4:138031705	11,12,14	T
Pongo_pygmaeus	chr4:138954879	chr4:138033725	11,12	A
Pongo_pygmaeus	chr4:139903060	chr4:138981906	6,8	A
Pongo_pygmaeus	chr4:140413255	chr4:139492101	17	T
Pongo_pygmaeus	chr4:141266729	chr4:140345575	8	A
Pongo_pygmaeus	chr4:142811796	chr4:141890643	8	T
Pongo_pygmaeus	chr4:143144644	chr4:142223491	10	A
Pongo_pygmaeus	chr4:143261146	chr4:142339993	13	T
Pongo_pygmaeus	chr4:143882847	chr4:142961694	10	A
Pongo_pygmaeus	chr4:144034491	chr4:143113338	13	A
Pongo_pygmaeus	chr4:144265421	chr4:143344268	8	G
Pongo_pygmaeus	chr4:145964070	chr4:145042918	22,23	A
Pongo_pygmaeus	chr4:151449762	chr4:150528610	12	T
Pongo_pygmaeus	chr4:154069908	chr4:153148756	11	A
Pongo_pygmaeus	chr4:154085087	chr4:153163935	12	A
Pongo_pygmaeus	chr4:155238748	chr4:154317596	7	T
Pongo_pygmaeus	chr4:155243085	chr4:154321933	8	A
Pongo_pygmaeus	chr4:155689708	chr4:154768556	2	ATG

Pongo_pygmaeus	chr4:158476031	chr4:157554879	11	T
Pongo_pygmaeus	chr4:159075798	chr4:158154646	5	TA
Pongo_pygmaeus	chr4:162263253	chr4:161342101	9	T
Pongo_pygmaeus	chr4:162600572	chr4:161679420	9	A
Pongo_pygmaeus	chr4:163222120	chr4:162300968	11	A
Pongo_pygmaeus	chr4:163276104	chr4:162354952	10,14,13	A
Pongo_pygmaeus	chr4:164036818	chr4:163115666	9	T
Pongo_pygmaeus	chr4:164562555	chr4:163641403	9	A
Pongo_pygmaeus	chr4:164569808	chr4:163648656	18,19,17	A
Pongo_pygmaeus	chr4:164585533	chr4:163664381	9	A
Pongo_pygmaeus	chr4:165392683	chr4:164471531	7,8	T
Pongo_pygmaeus	chr4:166341195	chr4:165420043	9	T
Pongo_pygmaeus	chr4:169829798	chr4:168908647	10	A
Pongo_pygmaeus	chr4:173884567	chr4:172963416	10,9	T
Pongo_pygmaeus	chr4:175918545	chr4:174997394	12	A
Pongo_pygmaeus	chr4:175975088	chr4:175053937	15	T
Pongo_pygmaeus	chr4:176232673	chr4:175311522	10	A
Pongo_pygmaeus	chr4:176997843	chr4:176076692	9	T
Pongo_pygmaeus	chr4:177817800	chr4:176896646	13	T
Pongo_pygmaeus	chr4:179231527	chr4:178310373	11	T
Pongo_pygmaeus	chr4:179258119	chr4:178336965	9	A
Pongo_pygmaeus	chr4:179279782	chr4:178358628	23	A
Pongo_pygmaeus	chr4:179722733	chr4:178801579	9	T
Pongo_pygmaeus	chr4:180664548	chr4:179743395	8	A
Pongo_pygmaeus	chr4:181908358	chr4:180987205	10	A
Pongo_pygmaeus	chr4:188165003	chr4:187243849	8,10	T
Pongo_pygmaeus	chr5:3423496	chr5:3423382	12	A
Pongo_pygmaeus	chr5:5674541	chr5:5674428	11,12	T
Pongo_pygmaeus	chr5:7611078	chr5:7610965	12	T
Pongo_pygmaeus	chr5:7632699	chr5:7632586	10	A
Pongo_pygmaeus	chr5:9851627	chr5:9851515	15	T
Pongo_pygmaeus	chr5:10842483	chr5:10842371	10	A
Pongo_pygmaeus	chr5:11043585	chr5:11043473	9	A
Pongo_pygmaeus	chr5:13208094	chr5:13207982	8	T
Pongo_pygmaeus	chr5:14873866	chr5:14873757	10,12,13	T
Pongo_pygmaeus	chr5:16681617	chr5:16681508	9	A
Pongo_pygmaeus	chr5:18329851	chr5:18329742	9	T
Pongo_pygmaeus	chr5:18908719	chr5:18908610	9,10	A
Pongo_pygmaeus	chr5:19713215	chr5:19713106	10	T
Pongo_pygmaeus	chr5:19838232	chr5:19838123	7	T

Pongo_pygmaeus	chr5:27648107	chr5:27648000	8	A
Pongo_pygmaeus	chr5:29383903	chr5:29383796	16,17	T
Pongo_pygmaeus	chr5:29950381	chr5:29950274	15,13	T
Pongo_pygmaeus	chr5:30810337	chr5:30810230	9	A
Pongo_pygmaeus	chr5:33314495	chr5:33314389	6	A
Pongo_pygmaeus	chr5:38819666	chr5:38819564	7	T
Pongo_pygmaeus	chr5:41339553	chr5:41339451	9,8	T
Pongo_pygmaeus	chr5:42870197	chr5:42870095	16	T
Pongo_pygmaeus	chr5:43686341	chr5:43686239	13,14	T
Pongo_pygmaeus	chr5:43710905	chr5:43710803	17	T
Pongo_pygmaeus	chr5:44466161	chr5:44466059	14	T
Pongo_pygmaeus	chr5:44477379	chr5:44477277	13,12	T
Pongo_pygmaeus	chr5:45179450	chr5:45179348	8,14	CA
Pongo_pygmaeus	chr5:51616560	chr5:52320726	9	T
Pongo_pygmaeus	chr5:51621813	chr5:52325979	8	A
Pongo_pygmaeus	chr5:52234412	chr5:52938582	8	A
Pongo_pygmaeus	chr5:53430989	chr5:54135159	13,12	A
Pongo_pygmaeus	chr5:53445227	chr5:54149397	9	A
Pongo_pygmaeus	chr5:53836805	chr5:54540975	10	T
Pongo_pygmaeus	chr5:60108320	chr5:60812493	9	A
Pongo_pygmaeus	chr5:60454402	chr5:61158575	13	A
Pongo_pygmaeus	chr5:61748470	chr5:62452643	11,12	T
Pongo_pygmaeus	chr5:61766556	chr5:62470729	11	A
Pongo_pygmaeus	chr5:61780714	chr5:62484887	31	T
Pongo_pygmaeus	chr5:61883102	chr5:62587275	8	A
Pongo_pygmaeus	chr5:63681380	chr5:64385553	8	A
Pongo_pygmaeus	chr5:64254897	chr5:64959070	8	T
Pongo_pygmaeus	chr5:64256039	chr5:64960212	10	T
Pongo_pygmaeus	chr5:64270067	chr5:64974240	9	A
Pongo_pygmaeus	chr5:64285795	chr5:64989968	11	A
Pongo_pygmaeus	chr5:64293465	chr5:64997638	8	A
Pongo_pygmaeus	chr5:64311541	chr5:65015714	7	A
Pongo_pygmaeus	chr5:66644905	chr5:67349077	6,8	T
Pongo_pygmaeus	chr5:67240742	chr5:67944914	9	A
Pongo_pygmaeus	chr5:68081823	chr5:68785996	11,9	A
Pongo_pygmaeus	chr5:68278802	chr5:68982975	7	A
Pongo_pygmaeus	chr5:68284866	chr5:68989039	12	A
Pongo_pygmaeus	chr5:71199951	chr5:71904124	11	T
Pongo_pygmaeus	chr5:71617646	chr5:72321819	11	T
Pongo_pygmaeus	chr5:72338755	chr5:73042928	13	T

Pongo_pygmaeus	chr5:72367564	chr5:73071737	11	A
Pongo_pygmaeus	chr5:72534232	chr5:73238405	8	A
Pongo_pygmaeus	chr5:72590836	chr5:73295009	10	T
Pongo_pygmaeus	chr5:74010537	chr5:74714712	8	T
Pongo_pygmaeus	chr5:74373324	chr5:75077499	9	G
Pongo_pygmaeus	chr5:74377095	chr5:75081270	15	T
Pongo_pygmaeus	chr5:74511649	chr5:75215824	12	A
Pongo_pygmaeus	chr5:74591534	chr5:75295709	8,9	T
Pongo_pygmaeus	chr5:75775688	chr5:76479863	17	TG
Pongo_pygmaeus	chr5:77174064	chr5:77878240	9	T
Pongo_pygmaeus	chr5:78715818	chr5:79419995	8	T
Pongo_pygmaeus	chr5:79272393	chr5:79976570	11	A
Pongo_pygmaeus	chr5:79741582	chr5:80445763	10	T
Pongo_pygmaeus	chr5:79744302	chr5:80448483	4	T
Pongo_pygmaeus	chr5:81337743	chr5:82041924	7	T
Pongo_pygmaeus	chr5:81440666	chr5:82144847	8	T
Pongo_pygmaeus	chr5:82855824	chr5:83560005	13	A
Pongo_pygmaeus	chr5:84051841	chr5:84756023	14,12	A
Pongo_pygmaeus	chr5:85636673	chr5:86340855	12,13	A
Pongo_pygmaeus	chr5:86187965	chr5:86892148	7	A
Pongo_pygmaeus	chr5:87004915	chr5:87709098	10	T
Pongo_pygmaeus	chr5:88158365	chr5:88862548	11	A
Pongo_pygmaeus	chr5:88591601	chr5:89295784	8	A
Pongo_pygmaeus	chr5:88592556	chr5:89296739	7	A
Pongo_pygmaeus	chr5:92772692	chr5:93436986	14,15	A
Pongo_pygmaeus	chr5:92795808	chr5:93460102	9	A
Pongo_pygmaeus	chr5:92828553	chr5:93492847	10,11	A
Pongo_pygmaeus	chr5:93014993	chr5:93679287	16,17,18	A
Pongo_pygmaeus	chr5:94354208	chr5:95018504	15,16	T
Pongo_pygmaeus	chr5:95457884	chr5:96122180	7	A
Pongo_pygmaeus	chr5:96917101	chr5:97581397	6	A
Pongo_pygmaeus	chr5:99355428	chr5:100019724	13	A
Pongo_pygmaeus	chr5:101023167	chr5:101687463	8	T
Pongo_pygmaeus	chr5:101059812	chr5:101724108	13,14	T
Pongo_pygmaeus	chr5:101060811	chr5:101725107	9	A
Pongo_pygmaeus	chr5:101123460	chr5:101787756	8	T
Pongo_pygmaeus	chr5:106347061	chr5:107011360	14	T
Pongo_pygmaeus	chr5:106714694	chr5:107378993	10,13,14	A
Pongo_pygmaeus	chr5:106822136	chr5:107486435	10,9	A
Pongo_pygmaeus	chr5:110318462	chr5:110982763	17,14	T

Pongo_pygmaeus	chr5:112313607	chr5:112977910	9	T
Pongo_pygmaeus	chr5:112317468	chr5:112981771	15	T
Pongo_pygmaeus	chr5:112325321	chr5:112989624	6	A
Pongo_pygmaeus	chr5:113891892	chr5:114556195	7	A
Pongo_pygmaeus	chr5:113892574	chr5:114556877	7	A
Pongo_pygmaeus	chr5:116121278	chr5:116785582	13	A
Pongo_pygmaeus	chr5:116223410	chr5:116887714	15,14	GT
Pongo_pygmaeus	chr5:116232554	chr5:116896858	7	A
Pongo_pygmaeus	chr5:117013613	chr5:117677918	10	A
Pongo_pygmaeus	chr5:117080927	chr5:117745232	27	A
Pongo_pygmaeus	chr5:117132269	chr5:117796574	14	A
Pongo_pygmaeus	chr5:117803573	chr5:118467878	9,7	A
Pongo_pygmaeus	chr5:117945615	chr5:118609920	13	A
Pongo_pygmaeus	chr5:117984473	chr5:118648778	12,15	T
Pongo_pygmaeus	chr5:119461996	chr5:120126301	9,7	T
Pongo_pygmaeus	chr5:120533332	chr5:121197637	10	T
Pongo_pygmaeus	chr5:120564692	chr5:121228997	4	AAAC
Pongo_pygmaeus	chr5:120597761	chr5:121262066	9	T
Pongo_pygmaeus	chr5:120957348	chr5:121621653	11	A
Pongo_pygmaeus	chr5:121943875	chr5:122608180	11	A
Pongo_pygmaeus	chr5:123396788	chr5:124061095	10	A
Pongo_pygmaeus	chr5:123514910	chr5:124179217	9	A
Pongo_pygmaeus	chr5:125465865	chr5:126130172	11	A
Pongo_pygmaeus	chr5:125638464	chr5:126302772	7	T
Pongo_pygmaeus	chr5:125832711	chr5:126497019	17	A
Pongo_pygmaeus	chr5:127001526	chr5:127665834	11,14	T
Pongo_pygmaeus	chr5:128431742	chr5:129096049	21	T
Pongo_pygmaeus	chr5:129920285	chr5:130584592	14,13,15	A
Pongo_pygmaeus	chr5:132137428	chr5:132801736	11	A
Pongo_pygmaeus	chr5:134623022	chr5:135287332	13	T
Pongo_pygmaeus	chr5:144668705	chr5:145289142	7	T
Pongo_pygmaeus	chr5:145846164	chr5:146466601	10	A
Pongo_pygmaeus	chr5:145862389	chr5:146482826	7	G
Pongo_pygmaeus	chr5:146975764	chr5:147596201	10	T
Pongo_pygmaeus	chr5:147456248	chr5:148076685	8	A
Pongo_pygmaeus	chr5:148930141	chr5:149550578	13	A
Pongo_pygmaeus	chr5:151181543	chr5:151801982	14	T
Pongo_pygmaeus	chr5:151191455	chr5:151811894	2	TTC
Pongo_pygmaeus	chr5:154305687	chr5:154926127	11	A
Pongo_pygmaeus	chr5:154385670	chr5:155006110	12	T

Pongo_pygmaeus	chr5:154431942	chr5:155052382	8	T
Pongo_pygmaeus	chr5:154597936	chr5:155218376	10,9	T
Pongo_pygmaeus	chr5:155930876	chr5:156503866	9	T
Pongo_pygmaeus	chr5:159369865	chr5:159942858	8	A
Pongo_pygmaeus	chr5:159835578	chr5:160408571	7	TAT
Pongo_pygmaeus	chr5:161242831	chr5:161815825	11	A
Pongo_pygmaeus	chr5:161360029	chr5:161933023	10	T
Pongo_pygmaeus	chr5:162224008	chr5:162797002	10,12	T
Pongo_pygmaeus	chr5:162238086	chr5:162811080	8	A
Pongo_pygmaeus	chr5:162238169	chr5:162811163	9	T
Pongo_pygmaeus	chr5:163240998	chr5:163813992	9	T
Pongo_pygmaeus	chr5:164065050	chr5:164638044	8	T
Pongo_pygmaeus	chr5:165266351	chr5:165839346	9	T
Pongo_pygmaeus	chr5:168786759	chr5:169359755	18	A
Pongo_pygmaeus	chr5:169009835	chr5:169582831	7	T
Pongo_pygmaeus	chr5:171022364	chr5:171595360	10	A
Pongo_pygmaeus	chr5:172670612	chr5:173243609	9	T
Pongo_pygmaeus	chr5:173354779	chr5:173927776	12	A
Pongo_pygmaeus	chr5:177657533	chr5:178230532	9	T
Pongo_pygmaeus	chr5:178177939	chr5:178750938	7	T
Pongo_pygmaeus	chr6:362172	chr6:362172	15,14	A
Pongo_pygmaeus	chr6:1307868	chr6:1307633	11	T
Pongo_pygmaeus	chr6:8645909	chr6:8645676	13	A
Pongo_pygmaeus	chr6:9258293	chr6:9258060	9	A
Pongo_pygmaeus	chr6:10231066	chr6:10230833	8	A
Pongo_pygmaeus	chr6:10859077	chr6:10858844	9	T
Pongo_pygmaeus	chr6:15403234	chr6:15403003	3	ATT
Pongo_pygmaeus	chr6:17419108	chr6:17418877	13,14	T
Pongo_pygmaeus	chr6:19081543	chr6:19081312	12,13	A
Pongo_pygmaeus	chr6:23139914	chr6:23139686	17	T
Pongo_pygmaeus	chr6:23240872	chr6:23240644	22,13,20	T
Pongo_pygmaeus	chr6:23392997	chr6:23392769	4	CAAAA
Pongo_pygmaeus	chr6:23610456	chr6:23610228	9,8	A
Pongo_pygmaeus	chr6:23923171	chr6:23922943	12	A
Pongo_pygmaeus	chr6:24033265	chr6:24033037	17	A
Pongo_pygmaeus	chr6:37143156	chr6:37175380	10,12	T
Pongo_pygmaeus	chr6:37835394	chr6:37867618	7	T
Pongo_pygmaeus	chr6:41307784	chr6:41340046	7	A
Pongo_pygmaeus	chr6:43465938	chr6:43498200	13	T
Pongo_pygmaeus	chr6:45661258	chr6:45693521	8	A

Pongo_pygmaeus	chr6:45915418	chr6:45947681	7	T
Pongo_pygmaeus	chr6:46963110	chr6:46995373	9,10	T
Pongo_pygmaeus	chr6:47714578	chr6:47746842	10	T
Pongo_pygmaeus	chr6:48640090	chr6:48672356	9	A
Pongo_pygmaeus	chr6:50135793	chr6:50168080	8	T
Pongo_pygmaeus	chr6:50374817	chr6:50407104	9	A
Pongo_pygmaeus	chr6:50619123	chr6:50651410	9	A
Pongo_pygmaeus	chr6:51067830	chr6:51100117	11	T
Pongo_pygmaeus	chr6:51377088	chr6:51512290	10	A
Pongo_pygmaeus	chr6:51449886	chr6:51585088	8	T
Pongo_pygmaeus	chr6:51831942	chr6:51967144	10	A
Pongo_pygmaeus	chr6:54017996	chr6:54153198	11	T
Pongo_pygmaeus	chr6:54211464	chr6:54346666	7	TA
Pongo_pygmaeus	chr6:56230295	chr6:56365497	13,14	T
Pongo_pygmaeus	chr6:56292061	chr6:56427263	8	T
Pongo_pygmaeus	chr6:63029180	chr6:62319275	12,13	A
Pongo_pygmaeus	chr6:63043684	chr6:62333779	11,12	A
Pongo_pygmaeus	chr6:65928843	chr6:65218950	9	T
Pongo_pygmaeus	chr6:71143490	chr6:70433787	10,11	A
Pongo_pygmaeus	chr6:71259316	chr6:70549613	9,10	A
Pongo_pygmaeus	chr6:72033001	chr6:71323298	14	A
Pongo_pygmaeus	chr6:72086468	chr6:71376765	17	T
Pongo_pygmaeus	chr6:72948613	chr6:72238910	12	T
Pongo_pygmaeus	chr6:75118955	chr6:74409239	13,16,15	TG
Pongo_pygmaeus	chr6:76120051	chr6:75410335	10	T
Pongo_pygmaeus	chr6:79075952	chr6:78366235	15	A
Pongo_pygmaeus	chr6:80880723	chr6:80171006	10	T
Pongo_pygmaeus	chr6:81567605	chr6:80857888	11	A
Pongo_pygmaeus	chr6:81568087	chr6:80858370	9	A
Pongo_pygmaeus	chr6:81571360	chr6:80861643	6	A
Pongo_pygmaeus	chr6:83502423	chr6:82792706	10	A
Pongo_pygmaeus	chr6:83505243	chr6:82795526	8	A
Pongo_pygmaeus	chr6:90761422	chr6:90051703	10	T
Pongo_pygmaeus	chr6:91425303	chr6:90715584	7	T
Pongo_pygmaeus	chr6:91601453	chr6:90891735	9	T
Pongo_pygmaeus	chr6:92100359	chr6:91390641	15	A
Pongo_pygmaeus	chr6:93846838	chr6:93137120	16	A
Pongo_pygmaeus	chr6:94777743	chr6:94068025	10	A
Pongo_pygmaeus	chr6:98687217	chr6:98239341	9	T
Pongo_pygmaeus	chr6:99256251	chr6:98808375	12	AT

Pongo_pygmaeus	chr6:99285559	chr6:98837683	10	A
Pongo_pygmaeus	chr6:99942391	chr6:99494515	11	A
Pongo_pygmaeus	chr6:101012028	chr6:100564152	11	T
Pongo_pygmaeus	chr6:102318592	chr6:101870717	10	A
Pongo_pygmaeus	chr6:106017777	chr6:105569902	8	T
Pongo_pygmaeus	chr6:106541548	chr6:106093673	9	AT
Pongo_pygmaeus	chr6:107744297	chr6:107423093	13	A
Pongo_pygmaeus	chr6:107784438	chr6:107463234	10	T
Pongo_pygmaeus	chr6:108270737	chr6:107949533	12	A
Pongo_pygmaeus	chr6:110043510	chr6:109722307	8	T
Pongo_pygmaeus	chr6:110444539	chr6:110123336	10	A
Pongo_pygmaeus	chr6:110453679	chr6:110132476	9	T
Pongo_pygmaeus	chr6:110454932	chr6:110133729	9	T
Pongo_pygmaeus	chr6:110482215	chr6:110161012	9	A
Pongo_pygmaeus	chr6:112334668	chr6:112013465	10	A
Pongo_pygmaeus	chr6:112803765	chr6:112482563	8	T
Pongo_pygmaeus	chr6:113173719	chr6:112852517	9	A
Pongo_pygmaeus	chr6:118772219	chr6:118451056	22	A
Pongo_pygmaeus	chr6:119666405	chr6:119345240	10	A
Pongo_pygmaeus	chr6:120721448	chr6:120400302	10	T
Pongo_pygmaeus	chr6:121087087	chr6:120765941	7	A
Pongo_pygmaeus	chr6:121673952	chr6:121352806	9	T
Pongo_pygmaeus	chr6:121676868	chr6:121355722	18,22	A
Pongo_pygmaeus	chr6:123015611	chr6:122694466	7	A
Pongo_pygmaeus	chr6:124100043	chr6:123778898	11,10	T
Pongo_pygmaeus	chr6:124292030	chr6:123970885	20	A
Pongo_pygmaeus	chr6:124639468	chr6:124318322	11	T
Pongo_pygmaeus	chr6:127024871	chr6:126703726	8	T
Pongo_pygmaeus	chr6:127133617	chr6:126812472	9	T
Pongo_pygmaeus	chr6:127761200	chr6:127440055	8	T
Pongo_pygmaeus	chr6:127761843	chr6:127440698	6	A
Pongo_pygmaeus	chr6:128524295	chr6:128203150	18	A
Pongo_pygmaeus	chr6:131191962	chr6:130870822	14	A
Pongo_pygmaeus	chr6:131927394	chr6:131606254	11,14,13	A
Pongo_pygmaeus	chr6:133609275	chr6:133288137	8	A
Pongo_pygmaeus	chr6:133641619	chr6:133320481	8	T
Pongo_pygmaeus	chr6:134339892	chr6:134018754	15	T
Pongo_pygmaeus	chr6:136060084	chr6:135738946	12	A
Pongo_pygmaeus	chr6:136431253	chr6:136110115	10	T
Pongo_pygmaeus	chr6:136855122	chr6:136533984	11	T

Pongo_pygmaeus	chr6:136862805	chr6:136541667	8	T
Pongo_pygmaeus	chr6:136932342	chr6:136611204	5	TC
Pongo_pygmaeus	chr6:137995738	chr6:137674601	16,19	T
Pongo_pygmaeus	chr6:140180273	chr6:139859136	9,10	A
Pongo_pygmaeus	chr6:142759031	chr6:142437894	24,25	A
Pongo_pygmaeus	chr6:144775019	chr6:144453883	11	T
Pongo_pygmaeus	chr6:149959108	chr6:149637972	21	T
Pongo_pygmaeus	chr6:150044993	chr6:149723857	10	A
Pongo_pygmaeus	chr6:155362587	chr6:155041453	1	ACTC
Pongo_pygmaeus	chr6:156521065	chr6:156199931	22,23	T
Pongo_pygmaeus	chr6:157105163	chr6:156784029	10	T
Pongo_pygmaeus	chr6:160165034	chr6:159744002	12,13	T
Pongo_pygmaeus	chr6:166624893	chr6:166211405	6	A
Pongo_pygmaeus	chr6:168322482	chr6:167921802	20	A
Pongo_pygmaeus	chr6:168852188	chr6:168451508	2	CT
Pongo_pygmaeus	chr6:170607753	chr6:170298665	7	T
Pongo_pygmaeus	chr6:170865030	chr6:170555942	9	A
Pongo_pygmaeus	chr7:70809276	chr7:71344290	14	A
Pongo_pygmaeus	chr7:88775182	chr7:89145868	11	A
Pongo_pygmaeus	chr7:104857756	chr7:105217309	9	A
Pongo_pygmaeus	chr7:106687980	chr7:107047535	8	A
Pongo_pygmaeus	chr7:107445234	chr7:107804789	9	TC
Pongo_pygmaeus	chr7:109229838	chr7:109589781	9,11	A
Pongo_pygmaeus	chr7:109264208	chr7:109624151	14	T
Pongo_pygmaeus	chr7:109292518	chr7:109652461	9	A
Pongo_pygmaeus	chr7:110420380	chr7:110780324	13,14	A
Pongo_pygmaeus	chr7:111467716	chr7:111827660	7	A
Pongo_pygmaeus	chr7:112047750	chr7:112407695	10	A
Pongo_pygmaeus	chr7:113297658	chr7:113657603	17,18	A
Pongo_pygmaeus	chr7:113791122	chr7:114151067	9	T
Pongo_pygmaeus	chr7:117362621	chr7:117722567	8	T
Pongo_pygmaeus	chr7:117372869	chr7:117732815	14	A
Pongo_pygmaeus	chr7:118793071	chr7:119153017	10	A
Pongo_pygmaeus	chr7:119717859	chr7:120077805	9	T
Pongo_pygmaeus	chr7:120647286	chr7:121007232	17	T
Pongo_pygmaeus	chr7:120663072	chr7:121023018	11,12	A
Pongo_pygmaeus	chr7:120771547	chr7:121131493	13	T
Pongo_pygmaeus	chr7:121345051	chr7:121704997	8	A
Pongo_pygmaeus	chr7:122270432	chr7:122630378	9	A
Pongo_pygmaeus	chr7:122935820	chr7:123295766	9,11,10	A

Pongo_pygmaeus	chr7:123182735	chr7:123542681	6	T
Pongo_pygmaeus	chr7:123196662	chr7:123556608	11	A
Pongo_pygmaeus	chr7:124197126	chr7:124557072	11	A
Pongo_pygmaeus	chr7:124478385	chr7:124838331	12	A
Pongo_pygmaeus	chr7:125014551	chr7:125374497	8	T
Pongo_pygmaeus	chr7:127514675	chr7:127874622	11	A
Pongo_pygmaeus	chr7:128707879	chr7:129067825	11	A
Pongo_pygmaeus	chr7:129978451	chr7:130338611	7	T
Pongo_pygmaeus	chr7:130614954	chr7:130930195	12	T
Pongo_pygmaeus	chr7:130724091	chr7:131039332	13	A
Pongo_pygmaeus	chr7:133155333	chr7:133470579	6,9	TGT
Pongo_pygmaeus	chr7:134707260	chr7:135022509	11	T
Pongo_pygmaeus	chr7:136074205	chr7:136389457	8,9	A
Pongo_pygmaeus	chr7:146526658	chr7:146829566	10	T
Pongo_pygmaeus	chr7:148514183	chr7:148817091	8	A
Pongo_pygmaeus	chr7:148538274	chr7:148841182	11	T
Pongo_pygmaeus	chr7:148989485	chr7:149292394	3	CATT
Pongo_pygmaeus	chr7:154855068	chr7:155063358	8	T
Pongo_pygmaeus	chr7:155306423	chr7:155513728	9	A
Pongo_pygmaeus	chr7:156253877	chr7:156461183	9	A
Pongo_pygmaeus	chr7:156534879	chr7:156742185	17	A
Pongo_pygmaeus	chr7:156535205	chr7:156742511	9	A
Pongo_pygmaeus	chr7:157682766	chr7:157890074	10	T
Pongo_pygmaeus	chr7:157756727	chr7:157964035	8	T
Pongo_pygmaeus	chr8:655488	chr8:705488	8	A
Pongo_pygmaeus	chr8:1841167	chr8:1893001	9,11	T
Pongo_pygmaeus	chr8:4320069	chr8:4462547	12	A
Pongo_pygmaeus	chr8:4651139	chr8:4793617	10	A
Pongo_pygmaeus	chr8:6222168	chr8:6364647	4	CAAA
Pongo_pygmaeus	chr8:13064226	chr8:13206717	7	A
Pongo_pygmaeus	chr8:13287827	chr8:13430318	6	A
Pongo_pygmaeus	chr8:13701100	chr8:13843591	13	A
Pongo_pygmaeus	chr8:13890707	chr8:14033198	10	A
Pongo_pygmaeus	chr8:14066124	chr8:14208615	16	T
Pongo_pygmaeus	chr8:17668712	chr8:17811203	21,29	T
Pongo_pygmaeus	chr8:19274377	chr8:19416866	15	T
Pongo_pygmaeus	chr8:19391965	chr8:19534454	9	A
Pongo_pygmaeus	chr8:24079095	chr8:24221582	7	A
Pongo_pygmaeus	chr8:24233935	chr8:24376422	21,14	A
Pongo_pygmaeus	chr8:26357244	chr8:26499728	11	A

Pongo_pygmaeus	chr8:27293476	chr8:27435959	10	T
Pongo_pygmaeus	chr8:28783496	chr8:28925979	10	T
Pongo_pygmaeus	chr8:28800213	chr8:28942696	15	T
Pongo_pygmaeus	chr8:28907659	chr8:29050142	8	T
Pongo_pygmaeus	chr8:32794459	chr8:32936941	9,11	T
Pongo_pygmaeus	chr8:34995530	chr8:35138012	11,14,15	AC
Pongo_pygmaeus	chr8:35527334	chr8:35669816	10	A
Pongo_pygmaeus	chr8:35563418	chr8:35705900	6	CTTT
Pongo_pygmaeus	chr8:35572834	chr8:35715316	10	T
Pongo_pygmaeus	chr8:35650343	chr8:35792825	12,7	T
Pongo_pygmaeus	chr8:35682424	chr8:35824906	7	T
Pongo_pygmaeus	chr8:35821120	chr8:35963602	5	ATT
Pongo_pygmaeus	chr8:35914723	chr8:36057205	7	A
Pongo_pygmaeus	chr8:36029002	chr8:36171484	8	T
Pongo_pygmaeus	chr8:36304418	chr8:36446900	13	T
Pongo_pygmaeus	chr8:36335006	chr8:36477488	13	T
Pongo_pygmaeus	chr8:36762979	chr8:36905461	10,12	A
Pongo_pygmaeus	chr8:39031032	chr8:39173513	8	T
Pongo_pygmaeus	chr8:40342129	chr8:40484610	11,16	T
Pongo_pygmaeus	chr8:42161598	chr8:42304080	7	T
Pongo_pygmaeus	chr8:48577457	chr8:47664895	12	A
Pongo_pygmaeus	chr8:48726137	chr8:47813576	9	T
Pongo_pygmaeus	chr8:50020322	chr8:49107763	7	T
Pongo_pygmaeus	chr8:50179122	chr8:49266563	6	TTTG
Pongo_pygmaeus	chr8:51533624	chr8:50621064	13	T
Pongo_pygmaeus	chr8:51664542	chr8:50751982	11	T
Pongo_pygmaeus	chr8:53329581	chr8:52417021	9	A
Pongo_pygmaeus	chr8:55205074	chr8:54292514	9	T
Pongo_pygmaeus	chr8:57470407	chr8:56557848	6	T
Pongo_pygmaeus	chr8:57958484	chr8:57045925	11,13,12	A
Pongo_pygmaeus	chr8:60107373	chr8:59194814	11	A
Pongo_pygmaeus	chr8:60112259	chr8:59199700	10	A
Pongo_pygmaeus	chr8:60415411	chr8:59502852	6	A
Pongo_pygmaeus	chr8:61100165	chr8:60187606	8	A
Pongo_pygmaeus	chr8:62558883	chr8:61646324	7	A
Pongo_pygmaeus	chr8:64863616	chr8:63951059	9	A
Pongo_pygmaeus	chr8:66020048	chr8:65107813	11,12	A
Pongo_pygmaeus	chr8:66166627	chr8:65254392	9	T
Pongo_pygmaeus	chr8:66669049	chr8:65756814	8	T
Pongo_pygmaeus	chr8:66750266	chr8:65838031	14,12	A

Pongo_pygmaeus	chr8:67410742	chr8:66498507	8	C
Pongo_pygmaeus	chr8:71061817	chr8:70149582	13	A
Pongo_pygmaeus	chr8:71276248	chr8:70364013	10	A
Pongo_pygmaeus	chr8:71311613	chr8:70399378	5	A
Pongo_pygmaeus	chr8:72164067	chr8:71251832	8	T
Pongo_pygmaeus	chr8:72221598	chr8:71309363	9	A
Pongo_pygmaeus	chr8:75239599	chr8:74327364	18	A
Pongo_pygmaeus	chr8:77488581	chr8:76576346	8	A
Pongo_pygmaeus	chr8:77623444	chr8:76711209	8	T
Pongo_pygmaeus	chr8:77777035	chr8:76864799	9	A
Pongo_pygmaeus	chr8:78542616	chr8:77630380	14	A
Pongo_pygmaeus	chr8:78623434	chr8:77711198	8,9	T
Pongo_pygmaeus	chr8:79175708	chr8:78263473	9	A
Pongo_pygmaeus	chr8:79218186	chr8:78305951	9	A
Pongo_pygmaeus	chr8:79222642	chr8:78310407	8	T
Pongo_pygmaeus	chr8:80664572	chr8:79752337	9,8	A
Pongo_pygmaeus	chr8:80837477	chr8:79925242	12,13	A
Pongo_pygmaeus	chr8:81320139	chr8:80407904	17	A
Pongo_pygmaeus	chr8:82608973	chr8:81696738	8	T
Pongo_pygmaeus	chr8:82958391	chr8:82046156	12	T
Pongo_pygmaeus	chr8:83203143	chr8:82290908	15	T
Pongo_pygmaeus	chr8:86012280	chr8:85100045	9	T
Pongo_pygmaeus	chr8:86107618	chr8:85195383	16,17,14	A
Pongo_pygmaeus	chr8:87521513	chr8:86509284	16	A
Pongo_pygmaeus	chr8:87998587	chr8:86986359	10	T
Pongo_pygmaeus	chr8:88131337	chr8:87119109	9	T
Pongo_pygmaeus	chr8:90917039	chr8:89904811	26	A
Pongo_pygmaeus	chr8:92584789	chr8:91572561	9,10	A
Pongo_pygmaeus	chr8:94427206	chr8:93414978	12,10	T
Pongo_pygmaeus	chr8:96072961	chr8:95060733	11	T
Pongo_pygmaeus	chr8:96167097	chr8:95154869	2	CT
Pongo_pygmaeus	chr8:96773478	chr8:95761250	4	TAA
Pongo_pygmaeus	chr8:97032389	chr8:96020161	7	A
Pongo_pygmaeus	chr8:97556411	chr8:96544183	10	A
Pongo_pygmaeus	chr8:97566342	chr8:96554114	2	TCTG
Pongo_pygmaeus	chr8:100853073	chr8:99840845	10	A
Pongo_pygmaeus	chr8:101527314	chr8:100515086	28	T
Pongo_pygmaeus	chr8:103369100	chr8:102356872	9	T
Pongo_pygmaeus	chr8:104098533	chr8:103086305	8	T
Pongo_pygmaeus	chr8:104535996	chr8:103523768	11	T

Pongo_pygmaeus	chr8:104907402	chr8:103895174	11	T
Pongo_pygmaeus	chr8:107420533	chr8:106408305	7	T
Pongo_pygmaeus	chr8:108128788	chr8:107116560	17	AC
Pongo_pygmaeus	chr8:108858017	chr8:107845789	14	A
Pongo_pygmaeus	chr8:109015085	chr8:108002857	7	T
Pongo_pygmaeus	chr8:109993614	chr8:108981385	9	T
Pongo_pygmaeus	chr8:111234789	chr8:110222560	6	A
Pongo_pygmaeus	chr8:112561411	chr8:111549182	9	A
Pongo_pygmaeus	chr8:113053918	chr8:112041689	9	A
Pongo_pygmaeus	chr8:113057510	chr8:112045281	15	A
Pongo_pygmaeus	chr8:113219573	chr8:112207344	23	A
Pongo_pygmaeus	chr8:115319264	chr8:114307035	16	T
Pongo_pygmaeus	chr8:116842502	chr8:115830276	10	A
Pongo_pygmaeus	chr8:117801326	chr8:116789087	17,19	A
Pongo_pygmaeus	chr8:118230832	chr8:117218593	19,20	A
Pongo_pygmaeus	chr8:119202186	chr8:118189947	31	A
Pongo_pygmaeus	chr8:121300264	chr8:120288025	14,17	A
Pongo_pygmaeus	chr8:121623596	chr8:120611356	8	A
Pongo_pygmaeus	chr8:121743639	chr8:120731399	3	AG
Pongo_pygmaeus	chr8:122178192	chr8:121165952	3	A
Pongo_pygmaeus	chr8:126115548	chr8:125103306	17	A
Pongo_pygmaeus	chr8:126219396	chr8:125207154	11	T
Pongo_pygmaeus	chr8:126807670	chr8:125795426	10	A
Pongo_pygmaeus	chr8:127379375	chr8:126367130	9	A
Pongo_pygmaeus	chr8:127489110	chr8:126476865	21	A
Pongo_pygmaeus	chr8:127493727	chr8:126481482	5	AAG
Pongo_pygmaeus	chr8:129230757	chr8:128218511	12,14	A
Pongo_pygmaeus	chr8:130229777	chr8:129217531	8	T
Pongo_pygmaeus	chr8:130231850	chr8:129219604	8	A
Pongo_pygmaeus	chr8:130245210	chr8:129232964	9	A
Pongo_pygmaeus	chr8:130589609	chr8:129577363	7	A
Pongo_pygmaeus	chr8:131543684	chr8:130531438	13	T
Pongo_pygmaeus	chr8:132089139	chr8:131076892	13	A
Pongo_pygmaeus	chr8:132713990	chr8:131701743	11	T
Pongo_pygmaeus	chr8:132720691	chr8:131708444	10	A
Pongo_pygmaeus	chr8:132736473	chr8:131724226	13,14	A
Pongo_pygmaeus	chr8:133146998	chr8:132134751	10	T
Pongo_pygmaeus	chr8:133816754	chr8:132804509	8	A
Pongo_pygmaeus	chr8:135139314	chr8:134127071	7	A
Pongo_pygmaeus	chr8:136529792	chr8:135517549	9	A

Pongo_pygmaeus	chr8:137111574	chr8:136099331	12	T
Pongo_pygmaeus	chr8:137352514	chr8:136340271	8	A
Pongo_pygmaeus	chr8:137548003	chr8:136535760	11	T
Pongo_pygmaeus	chr8:142977778	chr8:141896417	19	A
Pongo_pygmaeus	chr9:21935421	chr9:21935422	12	T
Pongo_pygmaeus	chr9:71545505	chr9:68930589	22,21	T
Pongo_pygmaeus	chr9:74143674	chr9:71528758	12	A
Pongo_pygmaeus	chr9:74934263	chr9:72319347	11	A
Pongo_pygmaeus	chr9:76110581	chr9:73495665	13,12	A
Pongo_pygmaeus	chr9:76124904	chr9:73509988	14	A
Pongo_pygmaeus	chr9:76368262	chr9:73753346	6	A
Pongo_pygmaeus	chr9:76928212	chr9:74313296	8	A
Pongo_pygmaeus	chr9:76933812	chr9:74318896	12	T
Pongo_pygmaeus	chr9:77028379	chr9:74413463	10	A
Pongo_pygmaeus	chr9:78527062	chr9:75912146	11	T
Pongo_pygmaeus	chr9:78528715	chr9:75913799	10	T
Pongo_pygmaeus	chr9:78757054	chr9:76142138	9	A
Pongo_pygmaeus	chr9:78836157	chr9:76221241	2	GTTT
Pongo_pygmaeus	chr9:79082410	chr9:76467494	8	A
Pongo_pygmaeus	chr9:81193895	chr9:78578979	7	T
Pongo_pygmaeus	chr9:81831100	chr9:79216185	12	T
Pongo_pygmaeus	chr9:82623935	chr9:80009020	9	T
Pongo_pygmaeus	chr9:83787853	chr9:81172938	9	T
Pongo_pygmaeus	chr9:84637416	chr9:82022501	8	T
Pongo_pygmaeus	chr9:84646067	chr9:82031152	10	A
Pongo_pygmaeus	chr9:84655618	chr9:82040703	7	T
Pongo_pygmaeus	chr9:85862778	chr9:83247863	13	A
Pongo_pygmaeus	chr9:86143212	chr9:83528297	16	AC
Pongo_pygmaeus	chr9:86626301	chr9:84011386	7	A
Pongo_pygmaeus	chr9:86647578	chr9:84032663	8	T
Pongo_pygmaeus	chr9:86725682	chr9:84110767	8,9	A
Pongo_pygmaeus	chr9:86984561	chr9:84369646	21	T
Pongo_pygmaeus	chr9:89199190	chr9:86584275	8	A
Pongo_pygmaeus	chr9:90150488	chr9:87535573	8	T
Pongo_pygmaeus	chr9:91577368	chr9:88962453	9,10	A
Pongo_pygmaeus	chr9:95156888	chr9:92394606	19	T
Pongo_pygmaeus	chr9:96724621	chr9:93962339	9,8	T
Pongo_pygmaeus	chr9:97055236	chr9:94292954	8	T
Pongo_pygmaeus	chr9:97437789	chr9:94675507	8	T
Pongo_pygmaeus	chr9:97951232	chr9:95188950	7	A

Pongo_pygmaeus	chr9:98063387	chr9:95301105	12	A
Pongo_pygmaeus	chr9:102082337	chr9:99320055	8	A
Pongo_pygmaeus	chr9:106715616	chr9:103953335	9,11	A
Pongo_pygmaeus	chr9:108924750	chr9:106162469	11,13	T
Pongo_pygmaeus	chr9:108984033	chr9:106221752	10	A
Pongo_pygmaeus	chr9:110932093	chr9:108169813	14,13	A
Pongo_pygmaeus	chr9:111502621	chr9:108740341	9	T
Pongo_pygmaeus	chr9:111788573	chr9:109026293	11,10	A
Pongo_pygmaeus	chr9:113254086	chr9:110491806	9	A
Pongo_pygmaeus	chr9:115010942	chr9:112248662	6	A
Pongo_pygmaeus	chr9:115298048	chr9:112535768	8	T
Pongo_pygmaeus	chr9:116453295	chr9:113691015	29	T
Pongo_pygmaeus	chr9:117700981	chr9:114938701	15	T
Pongo_pygmaeus	chr9:118665952	chr9:115903673	8	A
Pongo_pygmaeus	chr9:119218597	chr9:116456318	6	A
Pongo_pygmaeus	chr9:119967849	chr9:117205570	11	A
Pongo_pygmaeus	chr9:120496883	chr9:117734605	11	T
Pongo_pygmaeus	chr9:120530320	chr9:117768042	9	A
Pongo_pygmaeus	chr9:123643765	chr9:120881487	10	A
Pongo_pygmaeus	chr9:125755547	chr9:122993268	6	ATT
Pongo_pygmaeus	chr9:126415825	chr9:123653546	2	TAT
Pongo_pygmaeus	chr9:127389598	chr9:124627319	3	AAAC
Pongo_pygmaeus	chr9:127412062	chr9:124649783	7	A
Pongo_pygmaeus	chr9:127434894	chr9:124672615	10	A
Pongo_pygmaeus	chr9:127475203	chr9:124712924	8,9	A
Pongo_pygmaeus	chr9:127491699	chr9:124729420	8	A
Pongo_pygmaeus	chr9:128033612	chr9:125271333	9	T
Pongo_pygmaeus	chr9:128942967	chr9:126180688	7	A
Pongo_pygmaeus	chr9:131230810	chr9:128468531	11	T
Pongo_pygmaeus	chr9:131330045	chr9:128567766	11	T
Pongo_pygmaeus	chr9:133666733	chr9:130791346	9	A
Pongo_pygmaeus	chr9:135279989	chr9:132404602	9	A
Pongo_pygmaeus	chr9:135495268	chr9:132619881	10	T
Pongo_pygmaeus	chr9:138012758	chr9:135120912	15	A
Pongo_pygmaeus	chr9:140565768	chr9:137671316	7	T
Pongo_pygmaeus	chr9:140663897	chr9:137769445	2	TTTG
Pongo_pygmaeus	chr10:300299	chr10:254359	23	A
Pongo_pygmaeus	chr10:2406807	chr10:2364613	25	T
Pongo_pygmaeus	chr10:2931393	chr10:2889201	11,12	T
Pongo_pygmaeus	chr10:7227790	chr10:7185828	10	T

Pongo_pygmaeus	chr10:8903189	chr10:8861226	12	T
Pongo_pygmaeus	chr10:11124188	chr10:11082225	11	A
Pongo_pygmaeus	chr10:13677835	chr10:13635835	16	T
Pongo_pygmaeus	chr10:13688312	chr10:13646312	20	T
Pongo_pygmaeus	chr10:14669775	chr10:14627776	17,18	A
Pongo_pygmaeus	chr10:15262347	chr10:15220348	5	AAAAC
Pongo_pygmaeus	chr10:15290281	chr10:15248282	9	A
Pongo_pygmaeus	chr10:15986349	chr10:15944350	6	T
Pongo_pygmaeus	chr10:16523649	chr10:16481650	11	T
Pongo_pygmaeus	chr10:17638484	chr10:17596485	11,12	T
Pongo_pygmaeus	chr10:19229161	chr10:18940232	9	T
Pongo_pygmaeus	chr10:20420331	chr10:20131402	16	T
Pongo_pygmaeus	chr10:20421700	chr10:20132771	10,11	A
Pongo_pygmaeus	chr10:20962229	chr10:20673300	10	A
Pongo_pygmaeus	chr10:23181700	chr10:22892771	6	T
Pongo_pygmaeus	chr10:24588341	chr10:24299412	13	T
Pongo_pygmaeus	chr10:25290245	chr10:25001316	8	T
Pongo_pygmaeus	chr10:25838392	chr10:25549463	8	T
Pongo_pygmaeus	chr10:25960279	chr10:25671350	11	A
Pongo_pygmaeus	chr10:26396872	chr10:26107943	12	T
Pongo_pygmaeus	chr10:26661299	chr10:26372370	7	A
Pongo_pygmaeus	chr10:32375766	chr10:32086838	10,12	A
Pongo_pygmaeus	chr10:34048856	chr10:33759928	1	TTCA
Pongo_pygmaeus	chr10:34054515	chr10:33765587	20	A
Pongo_pygmaeus	chr10:34057026	chr10:33768098	8	T
Pongo_pygmaeus	chr10:35359817	chr10:35070889	11	T
Pongo_pygmaeus	chr10:35388785	chr10:35099857	20	A
Pongo_pygmaeus	chr10:36382395	chr10:36093467	8	T
Pongo_pygmaeus	chr10:36894576	chr10:36605648	11,10	T
Pongo_pygmaeus	chr10:38504427	chr10:38215499	9	A
Pongo_pygmaeus	chr10:44371821	chr10:43876373	18	T
Pongo_pygmaeus	chr10:45091949	chr10:44596501	14,11,13	A
Pongo_pygmaeus	chr10:48609164	chr10:47130198	11	T
Pongo_pygmaeus	chr10:50097540	chr10:48889495	14	T
Pongo_pygmaeus	chr10:50117085	chr10:48909040	10	T
Pongo_pygmaeus	chr10:72717452	chr10:70957695	7	A
Pongo_pygmaeus	chr10:88797191	chr10:87037434	7	T
Pongo_pygmaeus	chr10:88859743	chr10:87099986	8	T
Pongo_pygmaeus	chr10:90901085	chr10:89141328	10	A
Pongo_pygmaeus	chr10:95427647	chr10:93667890	8	A

Pongo_pygmaeus	chr10:95443114	chr10:93683357	13,12,14	T
Pongo_pygmaeus	chr10:98705676	chr10:96945919	20	T
Pongo_pygmaeus	chr10:98974172	chr10:97214415	9,12,10	A
Pongo_pygmaeus	chr10:101032336	chr10:99272579	10	A
Pongo_pygmaeus	chr10:101038860	chr10:99279103	14	A
Pongo_pygmaeus	chr10:102125617	chr10:100365860	19	T
Pongo_pygmaeus	chr10:108011986	chr10:106252228	11	A
Pongo_pygmaeus	chr10:108313563	chr10:106553805	12	T
Pongo_pygmaeus	chr10:108402026	chr10:106642268	9	A
Pongo_pygmaeus	chr10:108674003	chr10:106914245	9	T
Pongo_pygmaeus	chr10:109274678	chr10:107514920	9	T
Pongo_pygmaeus	chr10:109470295	chr10:107710537	5	TTA
Pongo_pygmaeus	chr10:109533604	chr10:107773846	9	A
Pongo_pygmaeus	chr10:109985732	chr10:108225974	13	A
Pongo_pygmaeus	chr10:109986475	chr10:108226717	13	A
Pongo_pygmaeus	chr10:111199578	chr10:109439820	8	A
Pongo_pygmaeus	chr10:111394813	chr10:109635055	8,10	A
Pongo_pygmaeus	chr10:112094341	chr10:110334583	8	A
Pongo_pygmaeus	chr10:112753869	chr10:110994111	14,15	T
Pongo_pygmaeus	chr10:114101509	chr10:112341751	15	A
Pongo_pygmaeus	chr10:116618343	chr10:114858584	15,14	T
Pongo_pygmaeus	chr10:117329287	chr10:115569777	11,12	T
Pongo_pygmaeus	chr10:117518465	chr10:115758954	10	A
Pongo_pygmaeus	chr10:117598305	chr10:115838794	8	T
Pongo_pygmaeus	chr10:119837687	chr10:118078176	6	AT
Pongo_pygmaeus	chr10:122442644	chr10:120683132	6	A
Pongo_pygmaeus	chr10:122443343	chr10:120683831	7	A
Pongo_pygmaeus	chr10:122957416	chr10:121197902	9	T
Pongo_pygmaeus	chr10:124585436	chr10:122825920	9	T
Pongo_pygmaeus	chr10:126465452	chr10:124776883	19	A
Pongo_pygmaeus	chr10:126956371	chr10:125267802	26	T
Pongo_pygmaeus	chr10:127235619	chr10:125547050	15	T
Pongo_pygmaeus	chr10:128120350	chr10:126431781	20	T
Pongo_pygmaeus	chr10:130002591	chr10:128204327	8,9	T
Pongo_pygmaeus	chr10:135223405	chr10:133409901	10	T
Pongo_pygmaeus	chr11:2489663	chr11:2468433	9	T
Pongo_pygmaeus	chr11:3392648	chr11:3371418	10	T
Pongo_pygmaeus	chr11:3403032	chr11:3381802	8	T
Pongo_pygmaeus	chr11:26581841	chr11:26560294	11	T
Pongo_pygmaeus	chr11:26584822	chr11:26563275	8	A

Pongo_pygmaeus	chr11:40053638	chr11:40032088	8	A
Pongo_pygmaeus	chr11:72547541	chr11:72836496	13	T
Pongo_pygmaeus	chr11:73188071	chr11:73477026	24,23	A
Pongo_pygmaeus	chr11:77838374	chr11:78127328	10	A
Pongo_pygmaeus	chr11:78109683	chr11:78398637	9,10	A
Pongo_pygmaeus	chr11:78266704	chr11:78555658	8	T
Pongo_pygmaeus	chr11:78303048	chr11:78592003	15,14	A
Pongo_pygmaeus	chr11:79140605	chr11:79429561	9	A
Pongo_pygmaeus	chr11:79142961	chr11:79431917	9	T
Pongo_pygmaeus	chr11:80252007	chr11:80540963	9	A
Pongo_pygmaeus	chr11:80253511	chr11:80542467	9	T
Pongo_pygmaeus	chr11:81134783	chr11:81423741	9	A
Pongo_pygmaeus	chr11:81767370	chr11:82056328	11,10,12	A
Pongo_pygmaeus	chr11:83483040	chr11:83771997	8	T
Pongo_pygmaeus	chr11:86040613	chr11:86329571	21	T
Pongo_pygmaeus	chr11:86513260	chr11:86802218	12	T
Pongo_pygmaeus	chr11:87305252	chr11:87594360	9	A
Pongo_pygmaeus	chr11:89104850	chr11:89371682	9	A
Pongo_pygmaeus	chr11:90446919	chr11:90713751	14,12	T
Pongo_pygmaeus	chr11:90526910	chr11:90793742	29,32	T
Pongo_pygmaeus	chr11:91063790	chr11:91330623	16	T
Pongo_pygmaeus	chr11:95487313	chr11:95754149	10,12	T
Pongo_pygmaeus	chr11:97421254	chr11:97550254	12,14	T
Pongo_pygmaeus	chr11:97803150	chr11:97932150	8	A
Pongo_pygmaeus	chr11:98225554	chr11:98354826	19	T
Pongo_pygmaeus	chr11:99386868	chr11:99516137	7,9	A
Pongo_pygmaeus	chr11:100169229	chr11:100298497	8	A
Pongo_pygmaeus	chr11:101865878	chr11:101995147	18	T
Pongo_pygmaeus	chr11:101882178	chr11:102011447	11,10	A
Pongo_pygmaeus	chr11:103002451	chr11:103131722	10,12	T
Pongo_pygmaeus	chr11:103420866	chr11:103550138	11	T
Pongo_pygmaeus	chr11:103627240	chr11:103756512	8	T
Pongo_pygmaeus	chr11:104482314	chr11:104611586	13	A
Pongo_pygmaeus	chr11:105996506	chr11:106125779	10	A
Pongo_pygmaeus	chr11:106278559	chr11:106407832	13,12	T
Pongo_pygmaeus	chr11:107402519	chr11:107531793	6	T
Pongo_pygmaeus	chr11:109183846	chr11:109313119	10	T
Pongo_pygmaeus	chr11:109809579	chr11:109938853	13	T
Pongo_pygmaeus	chr11:110984463	chr11:111113739	11,12	A
Pongo_pygmaeus	chr11:111286612	chr11:111415887	7	A

Pongo_pygmaeus	chr11:111655442	chr11:111784718	17	A
Pongo_pygmaeus	chr11:111660742	chr11:111790018	27	A
Pongo_pygmaeus	chr11:111668927	chr11:111798203	29	A
Pongo_pygmaeus	chr11:112079681	chr11:112208958	10,11	A
Pongo_pygmaeus	chr11:114525084	chr11:114654362	10	A
Pongo_pygmaeus	chr11:114874038	chr11:115003318	18	A
Pongo_pygmaeus	chr11:115105890	chr11:115235170	15,16,18	T
Pongo_pygmaeus	chr11:115324921	chr11:115454202	9	A
Pongo_pygmaeus	chr11:116552945	chr11:116682228	24,22	A
Pongo_pygmaeus	chr11:119078882	chr11:119208172	10	A
Pongo_pygmaeus	chr11:119423043	chr11:119552332	11	A
Pongo_pygmaeus	chr11:120313056	chr11:120442347	9	T
Pongo_pygmaeus	chr11:120919794	chr11:121049085	17,15	T
Pongo_pygmaeus	chr11:121063895	chr11:121193186	8	T
Pongo_pygmaeus	chr11:121916450	chr11:122045742	12	T
Pongo_pygmaeus	chr11:122185697	chr11:122314989	19,20	T
Pongo_pygmaeus	chr11:122998940	chr11:123128232	29	A
Pongo_pygmaeus	chr11:123242712	chr11:123372004	7	A
Pongo_pygmaeus	chr11:123771167	chr11:123900460	21	T
Pongo_pygmaeus	chr11:123917181	chr11:124046474	10,11	T
Pongo_pygmaeus	chr11:125614147	chr11:125744252	12	T
Pongo_pygmaeus	chr11:126077920	chr11:126208025	11	T
Pongo_pygmaeus	chr11:126261156	chr11:126391261	22	T
Pongo_pygmaeus	chr11:126451548	chr11:126581653	10	T
Pongo_pygmaeus	chr11:126913722	chr11:127043827	8	A
Pongo_pygmaeus	chr11:127196996	chr11:127327101	9	A
Pongo_pygmaeus	chr11:127469874	chr11:127599979	12	T
Pongo_pygmaeus	chr11:128651433	chr11:128781538	11	A
Pongo_pygmaeus	chr11:128666872	chr11:128796977	4	AAAC
Pongo_pygmaeus	chr11:129020010	chr11:129150115	22,23	A
Pongo_pygmaeus	chr11:129360749	chr11:129490854	13,11,12	T
Pongo_pygmaeus	chr11:129510263	chr11:129640368	13	A
Pongo_pygmaeus	chr11:130165526	chr11:130295631	11	A
Pongo_pygmaeus	chr11:132264914	chr11:132395020	3	TATC
Pongo_pygmaeus	chr12:1501182	chr12:1392016	10	A
Pongo_pygmaeus	chr12:1728818	chr12:1619652	11	A
Pongo_pygmaeus	chr12:3018672	chr12:2909506	15,16	T
Pongo_pygmaeus	chr12:3219710	chr12:3110544	10	T
Pongo_pygmaeus	chr12:3887830	chr12:3778664	9	T
Pongo_pygmaeus	chr12:4074967	chr12:3965801	8	T

Pongo_pygmaeus	chr12:4327893	chr12:4218727	11,10	T
Pongo_pygmaeus	chr12:5712383	chr12:5603217	13	A
Pongo_pygmaeus	chr12:7100417	chr12:6992325	20	A
Pongo_pygmaeus	chr12:7528874	chr12:7376278	6	A
Pongo_pygmaeus	chr12:8145409	chr12:7992813	3	AAAC
Pongo_pygmaeus	chr12:8239746	chr12:8087150	6	AG
Pongo_pygmaeus	chr12:9949886	chr12:9797290	13	A
Pongo_pygmaeus	chr12:9959268	chr12:9806672	27	T
Pongo_pygmaeus	chr12:9960703	chr12:9808107	9	T
Pongo_pygmaeus	chr12:9975395	chr12:9822799	9	A
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Pongo_pygmaeus	chr12:11502242	chr12:11349308	6	AAC
Pongo_pygmaeus	chr12:12702711	chr12:12549777	12,11	A
Pongo_pygmaeus	chr12:14016936	chr12:13864002	11	A
Pongo_pygmaeus	chr12:14534915	chr12:14381981	15	A
Pongo_pygmaeus	chr12:14538804	chr12:14385870	7	A
Pongo_pygmaeus	chr12:14629489	chr12:14476555	8	A
Pongo_pygmaeus	chr12:15100392	chr12:14947458	5	AT
Pongo_pygmaeus	chr12:15241013	chr12:15088079	7	A
Pongo_pygmaeus	chr12:16830559	chr12:16677625	8,10	T
Pongo_pygmaeus	chr12:17314298	chr12:17161364	8	A
Pongo_pygmaeus	chr12:18212226	chr12:18059292	19	A
Pongo_pygmaeus	chr12:18212550	chr12:18059616	18	A
Pongo_pygmaeus	chr12:19277079	chr12:19124145	17	A
Pongo_pygmaeus	chr12:19644651	chr12:19491717	11	T
Pongo_pygmaeus	chr12:21455490	chr12:21302556	11	T
Pongo_pygmaeus	chr12:21461199	chr12:21308265	7	A
Pongo_pygmaeus	chr12:21937454	chr12:21784520	17	T
Pongo_pygmaeus	chr12:22920517	chr12:22767583	10,9	A
Pongo_pygmaeus	chr12:24852784	chr12:24699850	14	A
Pongo_pygmaeus	chr12:25993419	chr12:25840485	8	A
Pongo_pygmaeus	chr12:26090362	chr12:25937429	10	T
Pongo_pygmaeus	chr12:27889434	chr12:27736501	13	T
Pongo_pygmaeus	chr12:29121222	chr12:28968289	8,10	T
Pongo_pygmaeus	chr12:30100684	chr12:29947751	11	A
Pongo_pygmaeus	chr12:30103624	chr12:29950691	11	A
Pongo_pygmaeus	chr12:32002579	chr12:31849645	11,9	T
Pongo_pygmaeus	chr12:33162056	chr12:33009122	14	T
Pongo_pygmaeus	chr12:33866750	chr12:33713815	11	T

Pongo_pygmaeus	chr12:38613999	chr12:38220197	7	A
Pongo_pygmaeus	chr12:38658899	chr12:38265097	11	A
Pongo_pygmaeus	chr12:38812290	chr12:38418488	8	A
Pongo_pygmaeus	chr12:38852866	chr12:38459064	9	A
Pongo_pygmaeus	chr12:38971853	chr12:38578051	9	A
Pongo_pygmaeus	chr12:38993533	chr12:38599731	15	A
Pongo_pygmaeus	chr12:39055700	chr12:38661898	9	A
Pongo_pygmaeus	chr12:39161060	chr12:38767258	9	A
Pongo_pygmaeus	chr12:39444850	chr12:39051048	11	A
Pongo_pygmaeus	chr12:39522838	chr12:39129036	29	A
Pongo_pygmaeus	chr12:39952776	chr12:39558974	6	A
Pongo_pygmaeus	chr12:39970872	chr12:39577070	7	A
Pongo_pygmaeus	chr12:40252251	chr12:39858449	9	A
Pongo_pygmaeus	chr12:41102917	chr12:40709115	13	A
Pongo_pygmaeus	chr12:41464546	chr12:41070744	9	T
Pongo_pygmaeus	chr12:41609451	chr12:41215649	11	T
Pongo_pygmaeus	chr12:41819433	chr12:41425631	10	A
Pongo_pygmaeus	chr12:43560824	chr12:43167021	9,8	T
Pongo_pygmaeus	chr12:43823947	chr12:43430144	12	A
Pongo_pygmaeus	chr12:44627166	chr12:44233383	41	T
Pongo_pygmaeus	chr12:44628413	chr12:44234630	10,11	T
Pongo_pygmaeus	chr12:47913591	chr12:47519808	9	T
Pongo_pygmaeus	chr12:48905880	chr12:48512097	16,17	A
Pongo_pygmaeus	chr12:49321131	chr12:48927348	11,12	A
Pongo_pygmaeus	chr12:49594599	chr12:49200816	21	T
Pongo_pygmaeus	chr12:51595318	chr12:51201535	21	A
Pongo_pygmaeus	chr12:51900747	chr12:51506963	11,14	A
Pongo_pygmaeus	chr12:53549413	chr12:53155629	6	A
Pongo_pygmaeus	chr12:56149576	chr12:55755792	11	A
Pongo_pygmaeus	chr12:56310119	chr12:55916335	11	A
Pongo_pygmaeus	chr12:56654651	chr12:56260867	9	T
Pongo_pygmaeus	chr12:56714429	chr12:56320645	10	A
Pongo_pygmaeus	chr12:56788027	chr12:56394243	31,32	A
Pongo_pygmaeus	chr12:56790018	chr12:56396234	21	A
Pongo_pygmaeus	chr12:57774552	chr12:57380769	13	A
Pongo_pygmaeus	chr12:57951040	chr12:57557257	12	A
Pongo_pygmaeus	chr12:58106127	chr12:57712344	17	T
Pongo_pygmaeus	chr12:60991871	chr12:60598090	9	T
Pongo_pygmaeus	chr12:60995629	chr12:60601848	12	A
Pongo_pygmaeus	chr12:61524513	chr12:61130732	8	A

Pongo_pygmaeus	chr12:61816128	chr12:61422347	14	T
Pongo_pygmaeus	chr12:61932654	chr12:61538873	9	A
Pongo_pygmaeus	chr12:61968968	chr12:61575187	14,16	T
Pongo_pygmaeus	chr12:62513844	chr12:62120063	24	A
Pongo_pygmaeus	chr12:63671998	chr12:63278218	9	T
Pongo_pygmaeus	chr12:64860130	chr12:64466350	19	A
Pongo_pygmaeus	chr12:65953715	chr12:65559935	8,10	T
Pongo_pygmaeus	chr12:66798043	chr12:66404263	10	T
Pongo_pygmaeus	chr12:67486353	chr12:67092573	11,14	A
Pongo_pygmaeus	chr12:68044592	chr12:67650812	8	T
Pongo_pygmaeus	chr12:68045058	chr12:67651278	11	T
Pongo_pygmaeus	chr12:70722499	chr12:70328719	16,15	A
Pongo_pygmaeus	chr12:71317919	chr12:70924139	14,15,13	AC
Pongo_pygmaeus	chr12:71929292	chr12:71535512	10	A
Pongo_pygmaeus	chr12:71974585	chr12:71580805	17	A
Pongo_pygmaeus	chr12:75297061	chr12:74903281	14,15	A
Pongo_pygmaeus	chr12:76556164	chr12:76162384	8,7	T
Pongo_pygmaeus	chr12:76701867	chr12:76308087	8	T
Pongo_pygmaeus	chr12:76720242	chr12:76326462	6	T
Pongo_pygmaeus	chr12:78668586	chr12:78274806	20,18	T
Pongo_pygmaeus	chr12:78727870	chr12:78334090	6	T
Pongo_pygmaeus	chr12:79333957	chr12:78940177	9	T
Pongo_pygmaeus	chr12:79541807	chr12:79148027	11	A
Pongo_pygmaeus	chr12:80632159	chr12:80238379	10	T
Pongo_pygmaeus	chr12:81242413	chr12:80848634	8	A
Pongo_pygmaeus	chr12:81710181	chr12:81316402	12	T
Pongo_pygmaeus	chr12:81718557	chr12:81324778	9	T
Pongo_pygmaeus	chr12:81834192	chr12:81440413	9	A
Pongo_pygmaeus	chr12:82130901	chr12:81737122	9	A
Pongo_pygmaeus	chr12:82224465	chr12:81830686	10	A
Pongo_pygmaeus	chr12:82360627	chr12:81966848	13,15	T
Pongo_pygmaeus	chr12:82556988	chr12:82163209	14,11	G
Pongo_pygmaeus	chr12:82596003	chr12:82202224	15	T
Pongo_pygmaeus	chr12:83323296	chr12:82929517	8	T
Pongo_pygmaeus	chr12:83364725	chr12:82970946	14	T
Pongo_pygmaeus	chr12:84587822	chr12:84194043	9	A
Pongo_pygmaeus	chr12:84657512	chr12:84263733	10	T
Pongo_pygmaeus	chr12:84666478	chr12:84272699	7	A
Pongo_pygmaeus	chr12:85814041	chr12:85420263	13	A
Pongo_pygmaeus	chr12:85879026	chr12:85485248	11	T

Pongo_pygmaeus	chr12:86670294	chr12:86276516	31	T
Pongo_pygmaeus	chr12:87218190	chr12:86824413	11	A
Pongo_pygmaeus	chr12:87508329	chr12:87114552	11	A
Pongo_pygmaeus	chr12:87617634	chr12:87223857	13	A
Pongo_pygmaeus	chr12:89179509	chr12:88785732	19,18	A
Pongo_pygmaeus	chr12:89327559	chr12:88933782	8	T
Pongo_pygmaeus	chr12:89912267	chr12:89518490	6	T
Pongo_pygmaeus	chr12:89985600	chr12:89591823	17	A
Pongo_pygmaeus	chr12:90309289	chr12:89915512	13	A
Pongo_pygmaeus	chr12:90456444	chr12:90062667	31	A
Pongo_pygmaeus	chr12:90808763	chr12:90414986	12,14	T
Pongo_pygmaeus	chr12:90962808	chr12:90569031	9	T
Pongo_pygmaeus	chr12:91093088	chr12:90699311	9	T
Pongo_pygmaeus	chr12:91114518	chr12:90720741	10,11	T
Pongo_pygmaeus	chr12:91871462	chr12:91477685	10,11	A
Pongo_pygmaeus	chr12:93889831	chr12:93496055	26,38	T
Pongo_pygmaeus	chr12:93897333	chr12:93503557	9	T
Pongo_pygmaeus	chr12:96732550	chr12:96338772	11,12	T
Pongo_pygmaeus	chr12:99008211	chr12:98614433	10	T
Pongo_pygmaeus	chr12:99008965	chr12:98615187	10	T
Pongo_pygmaeus	chr12:99496759	chr12:99102981	12	A
Pongo_pygmaeus	chr12:100191013	chr12:99797235	11,13	A
Pongo_pygmaeus	chr12:100215249	chr12:99821471	10	A
Pongo_pygmaeus	chr12:100315646	chr12:99921868	11	T
Pongo_pygmaeus	chr12:100320936	chr12:99927158	13	A
Pongo_pygmaeus	chr12:100323036	chr12:99929258	9	T
Pongo_pygmaeus	chr12:100341034	chr12:99947256	22	A
Pongo_pygmaeus	chr12:100359044	chr12:99965266	9	A
Pongo_pygmaeus	chr12:100373935	chr12:99980157	10	A
Pongo_pygmaeus	chr12:100657163	chr12:100263385	9	T
Pongo_pygmaeus	chr12:101271805	chr12:100878027	11	T
Pongo_pygmaeus	chr12:102105255	chr12:101711477	11,9	A
Pongo_pygmaeus	chr12:103133404	chr12:102739626	12	A
Pongo_pygmaeus	chr12:103641089	chr12:103247311	8	A
Pongo_pygmaeus	chr12:105858326	chr12:105464548	8	T
Pongo_pygmaeus	chr12:106839376	chr12:106445598	8,9	A
Pongo_pygmaeus	chr12:107259947	chr12:106866169	13	T
Pongo_pygmaeus	chr12:108563969	chr12:108170192	12,14	T
Pongo_pygmaeus	chr12:109027277	chr12:108633501	20	A
Pongo_pygmaeus	chr12:109099636	chr12:108705860	9	A

Pongo_pygmaeus	chr12:109482510	chr12:109044705	9	A
Pongo_pygmaeus	chr12:111171282	chr12:110733477	12	T
Pongo_pygmaeus	chr12:111182413	chr12:110744608	20	A
Pongo_pygmaeus	chr12:112303037	chr12:111865233	8	T
Pongo_pygmaeus	chr12:116391622	chr12:115953817	14	A
Pongo_pygmaeus	chr12:116547331	chr12:116109526	11	A
Pongo_pygmaeus	chr12:116566759	chr12:116128954	16	A
Pongo_pygmaeus	chr12:121103064	chr12:120665261	16	A
Pongo_pygmaeus	chr12:123085219	chr12:122600672	9	T
Pongo_pygmaeus	chr12:123099515	chr12:122614968	15	T
Pongo_pygmaeus	chr12:123684848	chr12:123200301	11	T
Pongo_pygmaeus	chr12:125074495	chr12:124589949	10	T
Pongo_pygmaeus	chr12:126996721	chr12:126512175	9,11,8	A
Pongo_pygmaeus	chr12:127386086	chr12:126901540	11	A
Pongo_pygmaeus	chr12:128792896	chr12:128308351	19	T
Pongo_pygmaeus	chr12:129146630	chr12:128662085	12	A
Pongo_pygmaeus	chr12:130119019	chr12:129634474	12,13	A
Pongo_pygmaeus	chr12:130293363	chr12:129808818	12,10	T
Pongo_pygmaeus	chr13:20145520	chr13:19571380	13	A
Pongo_pygmaeus	chr13:20242503	chr13:19668363	11,12	T
Pongo_pygmaeus	chr13:21006643	chr13:20432504	10,12	A
Pongo_pygmaeus	chr13:22617850	chr13:22043711	10	T
Pongo_pygmaeus	chr13:26885180	chr13:26311043	11	T
Pongo_pygmaeus	chr13:26924609	chr13:26350472	11	A
Pongo_pygmaeus	chr13:26958384	chr13:26384247	11,14	T
Pongo_pygmaeus	chr13:26977590	chr13:26403453	14,15,16	A
Pongo_pygmaeus	chr13:27140068	chr13:26565931	11	A
Pongo_pygmaeus	chr13:27143323	chr13:26569186	11	T
Pongo_pygmaeus	chr13:27155372	chr13:26581235	11	T
Pongo_pygmaeus	chr13:27155763	chr13:26581626	10	A
Pongo_pygmaeus	chr13:28807148	chr13:28233011	8	T
Pongo_pygmaeus	chr13:30247538	chr13:29673401	10	A
Pongo_pygmaeus	chr13:30777687	chr13:30203550	8	T
Pongo_pygmaeus	chr13:30967776	chr13:30393639	11	T
Pongo_pygmaeus	chr13:31871163	chr13:31297026	11	T
Pongo_pygmaeus	chr13:32656359	chr13:32082222	10	A
Pongo_pygmaeus	chr13:33637090	chr13:33062953	6	G
Pongo_pygmaeus	chr13:36738540	chr13:36164403	10	A
Pongo_pygmaeus	chr13:37429612	chr13:36855475	6	A
Pongo_pygmaeus	chr13:38594292	chr13:38020155	8	T

Pongo_pygmaeus	chr13:38853196	chr13:38279059	8	A
Pongo_pygmaeus	chr13:38869697	chr13:38295560	15,16	A
Pongo_pygmaeus	chr13:38901411	chr13:38327274	13	A
Pongo_pygmaeus	chr13:40209589	chr13:39635452	7	A
Pongo_pygmaeus	chr13:42288344	chr13:41714208	11	T
Pongo_pygmaeus	chr13:42325271	chr13:41751135	23	A
Pongo_pygmaeus	chr13:42369327	chr13:41795191	6	A
Pongo_pygmaeus	chr13:42469963	chr13:41895827	20,21	T
Pongo_pygmaeus	chr13:43903836	chr13:43329700	6	T
Pongo_pygmaeus	chr13:44302778	chr13:43728642	14	A
Pongo_pygmaeus	chr13:44831524	chr13:44257388	12	T
Pongo_pygmaeus	chr13:45236939	chr13:44662803	9	A
Pongo_pygmaeus	chr13:48520564	chr13:47946429	16	A
Pongo_pygmaeus	chr13:50031234	chr13:49457098	10	T
Pongo_pygmaeus	chr13:50034542	chr13:49460406	11	T
Pongo_pygmaeus	chr13:50039676	chr13:49465540	14	T
Pongo_pygmaeus	chr13:50281835	chr13:49707699	13	A
Pongo_pygmaeus	chr13:50348760	chr13:49774624	2	AAAAG
Pongo_pygmaeus	chr13:50432603	chr13:49858467	9,10	T
Pongo_pygmaeus	chr13:50697207	chr13:50123071	10	T
Pongo_pygmaeus	chr13:51125048	chr13:50550912	12	T
Pongo_pygmaeus	chr13:52729979	chr13:52155844	17,19	T
Pongo_pygmaeus	chr13:54098951	chr13:53524816	7	T
Pongo_pygmaeus	chr13:56237795	chr13:55663660	9	T
Pongo_pygmaeus	chr13:57046967	chr13:56472833	10	T
Pongo_pygmaeus	chr13:57114128	chr13:56539994	16	A
Pongo_pygmaeus	chr13:57119623	chr13:56545489	13	T
Pongo_pygmaeus	chr13:58699691	chr13:58125557	9	A
Pongo_pygmaeus	chr13:59150742	chr13:58576608	10	T
Pongo_pygmaeus	chr13:59273978	chr13:58699844	8	A
Pongo_pygmaeus	chr13:60289746	chr13:59715612	13,14	A
Pongo_pygmaeus	chr13:60348388	chr13:59774254	19	A
Pongo_pygmaeus	chr13:60390207	chr13:59816073	9	T
Pongo_pygmaeus	chr13:60538742	chr13:59964608	1	CTTT
Pongo_pygmaeus	chr13:61708738	chr13:61134604	10	T
Pongo_pygmaeus	chr13:62346743	chr13:61772610	10	A
Pongo_pygmaeus	chr13:62370551	chr13:61796418	10	T
Pongo_pygmaeus	chr13:63227522	chr13:62653389	6	T
Pongo_pygmaeus	chr13:63751834	chr13:63177701	9,10	A
Pongo_pygmaeus	chr13:63781169	chr13:63207036	8	A

Pongo_pygmaeus	chr13:63804175	chr13:63230042	17	T
Pongo_pygmaeus	chr13:64809179	chr13:64235047	8,10	T
Pongo_pygmaeus	chr13:65012838	chr13:64438706	10	T
Pongo_pygmaeus	chr13:68032644	chr13:67458512	9	T
Pongo_pygmaeus	chr13:68239901	chr13:67665769	13,14	A
Pongo_pygmaeus	chr13:71090633	chr13:70516501	11	TG
Pongo_pygmaeus	chr13:71091310	chr13:70517178	10	A
Pongo_pygmaeus	chr13:72145345	chr13:71571213	7	T
Pongo_pygmaeus	chr13:72268157	chr13:71694025	7	A
Pongo_pygmaeus	chr13:73595149	chr13:73021011	9	T
Pongo_pygmaeus	chr13:73698391	chr13:73124254	8	A
Pongo_pygmaeus	chr13:74307802	chr13:73733665	8	T
Pongo_pygmaeus	chr13:74996637	chr13:74422500	19,18	A
Pongo_pygmaeus	chr13:75287341	chr13:74713204	7	A
Pongo_pygmaeus	chr13:77704918	chr13:77130783	10,11	T
Pongo_pygmaeus	chr13:79533537	chr13:78959402	10	A
Pongo_pygmaeus	chr13:80772744	chr13:80198609	10	A
Pongo_pygmaeus	chr13:82896240	chr13:82322105	13	A
Pongo_pygmaeus	chr13:83529989	chr13:82955854	9	T
Pongo_pygmaeus	chr13:83999883	chr13:83425748	16	T
Pongo_pygmaeus	chr13:85177219	chr13:84603084	11,9	T
Pongo_pygmaeus	chr13:85266771	chr13:84692636	8	T
Pongo_pygmaeus	chr13:91052074	chr13:90399820	6	T
Pongo_pygmaeus	chr13:91101187	chr13:90448933	10	T
Pongo_pygmaeus	chr13:91869489	chr13:91217235	9	A
Pongo_pygmaeus	chr13:92167591	chr13:91515337	9,10	T
Pongo_pygmaeus	chr13:92368341	chr13:91716087	13	T
Pongo_pygmaeus	chr13:93668894	chr13:93016641	9,11	A
Pongo_pygmaeus	chr13:97282086	chr13:96629832	13	T
Pongo_pygmaeus	chr13:97365954	chr13:96713700	10	T
Pongo_pygmaeus	chr13:102684018	chr13:102031668	13	A
Pongo_pygmaeus	chr13:103297436	chr13:102645086	13,10	T
Pongo_pygmaeus	chr13:103559651	chr13:102907301	9	A
Pongo_pygmaeus	chr13:103763642	chr13:103111292	9	A
Pongo_pygmaeus	chr13:104040490	chr13:103388140	13,14,12	T
Pongo_pygmaeus	chr13:104948957	chr13:104296607	11,14	T
Pongo_pygmaeus	chr13:106119205	chr13:105466856	12	A
Pongo_pygmaeus	chr13:106163083	chr13:105510734	8	T
Pongo_pygmaeus	chr13:106891494	chr13:106239145	9	A
Pongo_pygmaeus	chr13:107800342	chr13:107147994	7	T

Pongo_pygmaeus	chr13:109059032	chr13:108406684	8	T
Pongo_pygmaeus	chr13:109211333	chr13:108558985	14	T
Pongo_pygmaeus	chr13:109333948	chr13:108681600	12	T
Pongo_pygmaeus	chr13:109360746	chr13:108708398	8	A
Pongo_pygmaeus	chr13:111153454	chr13:110501107	7	G
Pongo_pygmaeus	chr13:112730780	chr13:112076466	9	T
Pongo_pygmaeus	chr13:113516526	chr13:112862212	3	GA
Pongo_pygmaeus	chr14:23224761	chr14:22755552	10	T
Pongo_pygmaeus	chr14:23228376	chr14:22759167	8	A
Pongo_pygmaeus	chr14:24241168	chr14:23771959	6	ATTTT
Pongo_pygmaeus	chr14:25314385	chr14:24845179	9	T
Pongo_pygmaeus	chr14:25614988	chr14:25145782	6	A
Pongo_pygmaeus	chr14:26338173	chr14:25868967	6	A
Pongo_pygmaeus	chr14:26487689	chr14:26018483	10	A
Pongo_pygmaeus	chr14:26920518	chr14:26451312	7	A
Pongo_pygmaeus	chr14:27191544	chr14:26722338	11	A
Pongo_pygmaeus	chr14:27378078	chr14:26908872	8,10	T
Pongo_pygmaeus	chr14:27505303	chr14:27036097	10,9	T
Pongo_pygmaeus	chr14:27509724	chr14:27040518	5	GT
Pongo_pygmaeus	chr14:28806842	chr14:28337636	8	A
Pongo_pygmaeus	chr14:30138658	chr14:29669452	10	T
Pongo_pygmaeus	chr14:30139427	chr14:29670221	13	A
Pongo_pygmaeus	chr14:31740756	chr14:31271550	8	T
Pongo_pygmaeus	chr14:34243288	chr14:33774082	10	A
Pongo_pygmaeus	chr14:34272917	chr14:33803711	11	A
Pongo_pygmaeus	chr14:36764633	chr14:36295427	11	A
Pongo_pygmaeus	chr14:37418834	chr14:36949629	10	T
Pongo_pygmaeus	chr14:37742581	chr14:37273376	9	T
Pongo_pygmaeus	chr14:38945009	chr14:38475805	8	T
Pongo_pygmaeus	chr14:39931533	chr14:39462329	11,12	T
Pongo_pygmaeus	chr14:40836822	chr14:40367618	11	A
Pongo_pygmaeus	chr14:41003236	chr14:40534031	8	T
Pongo_pygmaeus	chr14:43446636	chr14:42977433	14	A
Pongo_pygmaeus	chr14:43767560	chr14:43298357	10	A
Pongo_pygmaeus	chr14:43809432	chr14:43340229	8	T
Pongo_pygmaeus	chr14:44181729	chr14:43712526	15	A
Pongo_pygmaeus	chr14:44359482	chr14:43890279	9	A
Pongo_pygmaeus	chr14:45207598	chr14:44738395	7	A
Pongo_pygmaeus	chr14:45258373	chr14:44789170	6	A
Pongo_pygmaeus	chr14:45305725	chr14:44836522	10	A

Pongo_pygmaeus	chr14:46130902	chr14:45661699	9	T
Pongo_pygmaeus	chr14:46133300	chr14:45664097	15,13	T
Pongo_pygmaeus	chr14:46183961	chr14:45714758	3	TC
Pongo_pygmaeus	chr14:47455128	chr14:46985925	9	T
Pongo_pygmaeus	chr14:47861963	chr14:47392760	21,23,20	A
Pongo_pygmaeus	chr14:47940955	chr14:47471752	7	A
Pongo_pygmaeus	chr14:48241097	chr14:47771894	11	A
Pongo_pygmaeus	chr14:50026033	chr14:49559315	12	A
Pongo_pygmaeus	chr14:51200563	chr14:50733845	15	A
Pongo_pygmaeus	chr14:51539374	chr14:51072656	12	T
Pongo_pygmaeus	chr14:51684754	chr14:51218036	11	A
Pongo_pygmaeus	chr14:52383229	chr14:51916511	18,16	A
Pongo_pygmaeus	chr14:54442589	chr14:53975871	8	A
Pongo_pygmaeus	chr14:54585067	chr14:54118349	14	A
Pongo_pygmaeus	chr14:59901167	chr14:59434449	6	T
Pongo_pygmaeus	chr14:60629097	chr14:60162379	12	A
Pongo_pygmaeus	chr14:62116398	chr14:61649680	13	A
Pongo_pygmaeus	chr14:63289387	chr14:62822669	11	A
Pongo_pygmaeus	chr14:66794575	chr14:66327857	11	A
Pongo_pygmaeus	chr14:68007343	chr14:67540626	10	A
Pongo_pygmaeus	chr14:68007908	chr14:67541191	8	T
Pongo_pygmaeus	chr14:70036577	chr14:69569860	9,10	T
Pongo_pygmaeus	chr14:70780771	chr14:70314054	14	T
Pongo_pygmaeus	chr14:70901949	chr14:70435232	10	A
Pongo_pygmaeus	chr14:72972938	chr14:72506230	9	A
Pongo_pygmaeus	chr14:78880547	chr14:78414204	10	T
Pongo_pygmaeus	chr14:79818576	chr14:79352233	9,10	A
Pongo_pygmaeus	chr14:80380836	chr14:79914493	10,11	A
Pongo_pygmaeus	chr14:80450423	chr14:79984080	9	A
Pongo_pygmaeus	chr14:81359848	chr14:80893504	21	A
Pongo_pygmaeus	chr14:81491799	chr14:81025455	9	T
Pongo_pygmaeus	chr14:81492545	chr14:81026201	8,7	T
Pongo_pygmaeus	chr14:81664099	chr14:81197755	11	T
Pongo_pygmaeus	chr14:82332593	chr14:81866249	9	T
Pongo_pygmaeus	chr14:83145573	chr14:82679229	12	T
Pongo_pygmaeus	chr14:84705516	chr14:84239172	12,11	A
Pongo_pygmaeus	chr14:85414351	chr14:84948007	9	T
Pongo_pygmaeus	chr14:87250707	chr14:86784363	12,13	T
Pongo_pygmaeus	chr14:88074193	chr14:87607849	9	A
Pongo_pygmaeus	chr14:88916707	chr14:88450363	11	T

Pongo_pygmaeus	chr14:89310106	chr14:88843762	11	A
Pongo_pygmaeus	chr14:92815425	chr14:92349081	10,9	A
Pongo_pygmaeus	chr14:95547586	chr14:95081249	5	A
Pongo_pygmaeus	chr14:95671570	chr14:95205233	7	A
Pongo_pygmaeus	chr14:97278111	chr14:96811774	14	T
Pongo_pygmaeus	chr14:99944086	chr14:99477749	10	A
Pongo_pygmaeus	chr14:99978813	chr14:99512476	13	A
Pongo_pygmaeus	chr14:100494019	chr14:100027682	15	T
Pongo_pygmaeus	chr14:100566915	chr14:100100578	10	T
Pongo_pygmaeus	chr14:101822347	chr14:101356010	19	T
Pongo_pygmaeus	chr14:104275367	chr14:103809030	15	T
Pongo_pygmaeus	chr14:105977487	chr14:105511150	11,13	T
Pongo_pygmaeus	chr15:20576337	chr15:20371084	12	A
Pongo_pygmaeus	chr15:25234645	chr15:24989498	13	A
Pongo_pygmaeus	chr15:28019175	chr15:27774029	8,10	T
Pongo_pygmaeus	chr15:30175784	chr15:29883581	11	T
Pongo_pygmaeus	chr15:31865098	chr15:31572895	8	A
Pongo_pygmaeus	chr15:34092321	chr15:33800120	9	T
Pongo_pygmaeus	chr15:35456674	chr15:35164473	13	A
Pongo_pygmaeus	chr15:35458956	chr15:35166755	7,6	A
Pongo_pygmaeus	chr15:35606961	chr15:35314760	14	A
Pongo_pygmaeus	chr15:36547952	chr15:36255751	7	A
Pongo_pygmaeus	chr15:36558117	chr15:36265916	19	A
Pongo_pygmaeus	chr15:37455761	chr15:37163560	8	T
Pongo_pygmaeus	chr15:38772922	chr15:38480721	2	GAT
Pongo_pygmaeus	chr15:38778246	chr15:38486045	19	T
Pongo_pygmaeus	chr15:39682261	chr15:39390060	10	T
Pongo_pygmaeus	chr15:39721698	chr15:39429497	14	A
Pongo_pygmaeus	chr15:44029895	chr15:43737697	11	A
Pongo_pygmaeus	chr15:44114077	chr15:43821879	7	A
Pongo_pygmaeus	chr15:46108241	chr15:45816043	8	T
Pongo_pygmaeus	chr15:46663858	chr15:46371660	12	A
Pongo_pygmaeus	chr15:46838075	chr15:46545877	11	T
Pongo_pygmaeus	chr15:46849790	chr15:46557592	9	T
Pongo_pygmaeus	chr15:46885412	chr15:46593214	12	T
Pongo_pygmaeus	chr15:47652224	chr15:47360027	23	T
Pongo_pygmaeus	chr15:48159606	chr15:47867409	8	T
Pongo_pygmaeus	chr15:48175836	chr15:47883639	11	A
Pongo_pygmaeus	chr15:49567169	chr15:49274972	10,12	T
Pongo_pygmaeus	chr15:49593833	chr15:49301636	9	A

Pongo_pygmaeus	chr15:51213314	chr15:50921117	9,13	T
Pongo_pygmaeus	chr15:52250905	chr15:51958708	14	A
Pongo_pygmaeus	chr15:52881991	chr15:52589794	17	T
Pongo_pygmaeus	chr15:53104849	chr15:52812652	8	T
Pongo_pygmaeus	chr15:53961768	chr15:53669571	7	T
Pongo_pygmaeus	chr15:54604406	chr15:54312208	18,19	TG
Pongo_pygmaeus	chr15:54743669	chr15:54451471	8	A
Pongo_pygmaeus	chr15:55102778	chr15:54810580	8	T
Pongo_pygmaeus	chr15:55105604	chr15:54813406	8	A
Pongo_pygmaeus	chr15:55345523	chr15:55053325	15,16	AT
Pongo_pygmaeus	chr15:56324579	chr15:56032381	14	T
Pongo_pygmaeus	chr15:56391831	chr15:56099633	10	A
Pongo_pygmaeus	chr15:56976696	chr15:56684498	11	A
Pongo_pygmaeus	chr15:59050398	chr15:58758199	9	T
Pongo_pygmaeus	chr15:59399502	chr15:59107303	12,15	T
Pongo_pygmaeus	chr15:60010849	chr15:59718650	20	T
Pongo_pygmaeus	chr15:61962347	chr15:61670148	7	A
Pongo_pygmaeus	chr15:64534005	chr15:64241806	14	A
Pongo_pygmaeus	chr15:64535239	chr15:64243040	11	A
Pongo_pygmaeus	chr15:64544452	chr15:64252253	15	T
Pongo_pygmaeus	chr15:64547275	chr15:64255076	19	T
Pongo_pygmaeus	chr15:64611618	chr15:64319419	8	T
Pongo_pygmaeus	chr15:64632534	chr15:64340335	15	T
Pongo_pygmaeus	chr15:64954870	chr15:64662671	10	T
Pongo_pygmaeus	chr15:67681817	chr15:67389479	13	T
Pongo_pygmaeus	chr15:67737425	chr15:67445087	8	T
Pongo_pygmaeus	chr15:67748488	chr15:67456150	10	T
Pongo_pygmaeus	chr15:68583825	chr15:68291487	14	T
Pongo_pygmaeus	chr15:68980858	chr15:68688519	10	A
Pongo_pygmaeus	chr15:69119747	chr15:68827408	3	AAG
Pongo_pygmaeus	chr15:75804554	chr15:75512213	10,11	T
Pongo_pygmaeus	chr15:77413405	chr15:77121063	23,19	T
Pongo_pygmaeus	chr15:80364439	chr15:80072097	8	A
Pongo_pygmaeus	chr15:84073967	chr15:83405215	7	A
Pongo_pygmaeus	chr15:84690439	chr15:84021687	9	T
Pongo_pygmaeus	chr15:85339939	chr15:84796708	10	A
Pongo_pygmaeus	chr15:85502708	chr15:84959477	10,11,12	T
Pongo_pygmaeus	chr15:86191751	chr15:85648520	10	T
Pongo_pygmaeus	chr15:89799298	chr15:89256067	11	T
Pongo_pygmaeus	chr15:89819686	chr15:89276455	6	T

Pongo_pygmaeus	chr15:89832021	chr15:89288790	25	T
Pongo_pygmaeus	chr15:90428421	chr15:89885189	24	T
Pongo_pygmaeus	chr15:91023072	chr15:90479840	7	T
Pongo_pygmaeus	chr15:92894937	chr15:92351707	9	A
Pongo_pygmaeus	chr15:93428733	chr15:92885503	7	T
Pongo_pygmaeus	chr15:93467529	chr15:92924299	9	TC
Pongo_pygmaeus	chr15:94440512	chr15:93897283	9,10	A
Pongo_pygmaeus	chr15:94857488	chr15:94314259	20	T
Pongo_pygmaeus	chr15:96284898	chr15:95741669	9	A
Pongo_pygmaeus	chr15:96544689	chr15:96001460	8	T
Pongo_pygmaeus	chr15:96925909	chr15:96382680	7	T
Pongo_pygmaeus	chr15:97134732	chr15:96591502	13	T
Pongo_pygmaeus	chr15:97278894	chr15:96735664	9	A
Pongo_pygmaeus	chr15:97363871	chr15:96820641	10	T
Pongo_pygmaeus	chr15:97457389	chr15:96914159	11,12	A
Pongo_pygmaeus	chr15:98604324	chr15:98061095	9	T
Pongo_pygmaeus	chr15:101136652	chr15:100596447	8	T
Pongo_pygmaeus	chr15:101353533	chr15:100813328	5	CCAA
Pongo_pygmaeus	chr16:3506443	chr16:3456443	12	T
Pongo_pygmaeus	chr16:3846054	chr16:3796053	7	T
Pongo_pygmaeus	chr16:6030305	chr16:5980304	3	AG
Pongo_pygmaeus	chr16:9972554	chr16:9878697	10	T
Pongo_pygmaeus	chr16:10099398	chr16:10005541	8	G
Pongo_pygmaeus	chr16:19663505	chr16:19652183	12	T
Pongo_pygmaeus	chr16:25306994	chr16:25295673	7	T
Pongo_pygmaeus	chr16:31648349	chr16:31637028	8	A
Pongo_pygmaeus	chr16:47068752	chr16:47034841	11	A
Pongo_pygmaeus	chr16:47583606	chr16:47549695	21	A
Pongo_pygmaeus	chr16:47823230	chr16:47789319	7	T
Pongo_pygmaeus	chr16:48296902	chr16:48262991	6	T
Pongo_pygmaeus	chr16:52481869	chr16:52447957	7	T
Pongo_pygmaeus	chr16:53479239	chr16:53445327	12	A
Pongo_pygmaeus	chr16:55126079	chr16:55092167	10	T
Pongo_pygmaeus	chr16:55392758	chr16:55358846	9	A
Pongo_pygmaeus	chr16:55679113	chr16:55645201	2	GGT
Pongo_pygmaeus	chr16:56693131	chr16:56659219	12,13	T
Pongo_pygmaeus	chr16:58175520	chr16:58141616	13	T
Pongo_pygmaeus	chr16:60316135	chr16:60282231	12	A
Pongo_pygmaeus	chr16:60452631	chr16:60418727	9	A
Pongo_pygmaeus	chr16:61167755	chr16:61133851	12,13	T

Pongo_pygmaeus	chr16:62747199	chr16:62713295	12	A
Pongo_pygmaeus	chr16:75881346	chr16:75847448	13	T
Pongo_pygmaeus	chr16:76019532	chr16:75985634	13	T
Pongo_pygmaeus	chr16:76447461	chr16:76413564	11,10,15	A
Pongo_pygmaeus	chr16:76589259	chr16:76555362	15	A
Pongo_pygmaeus	chr16:79628326	chr16:79594429	8	T
Pongo_pygmaeus	chr16:80109806	chr16:80075909	16	T
Pongo_pygmaeus	chr16:80790963	chr16:80757066	10	A
Pongo_pygmaeus	chr16:80978652	chr16:80944755	11	T
Pongo_pygmaeus	chr16:81078834	chr16:81045229	9	A
Pongo_pygmaeus	chr16:82688340	chr16:82654735	11	T
Pongo_pygmaeus	chr16:83828684	chr16:83795079	14	A
Pongo_pygmaeus	chr16:84186749	chr16:84153144	13	A
Pongo_pygmaeus	chr16:86829468	chr16:86795862	10	A
Pongo_pygmaeus	chr17:1241064	chr17:1337770	17	A
Pongo_pygmaeus	chr17:1433651	chr17:1530357	13	GA
Pongo_pygmaeus	chr17:3240096	chr17:3336802	9,7	A
Pongo_pygmaeus	chr17:5238430	chr17:5335135	9	T
Pongo_pygmaeus	chr17:6906913	chr17:7003594	17	T
Pongo_pygmaeus	chr17:7731248	chr17:7827930	5	TTTG
Pongo_pygmaeus	chr17:10337420	chr17:10434103	8	T
Pongo_pygmaeus	chr17:10339266	chr17:10435949	12	GT
Pongo_pygmaeus	chr17:10439796	chr17:10536479	11	A
Pongo_pygmaeus	chr17:16514789	chr17:16611475	9	T
Pongo_pygmaeus	chr17:16558422	chr17:16655108	16	A
Pongo_pygmaeus	chr17:26486500	chr17:28159474	11	A
Pongo_pygmaeus	chr17:26502012	chr17:28174986	12	T
Pongo_pygmaeus	chr17:26620680	chr17:28293654	12	T
Pongo_pygmaeus	chr17:27682613	chr17:29355595	12	T
Pongo_pygmaeus	chr17:28454854	chr17:30127836	15	T
Pongo_pygmaeus	chr17:30934178	chr17:32607160	15	A
Pongo_pygmaeus	chr17:31173500	chr17:32846482	8	A
Pongo_pygmaeus	chr17:33632857	chr17:35305838	10	T
Pongo_pygmaeus	chr17:35722227	chr17:37365286	7	T
Pongo_pygmaeus	chr17:45922775	chr17:47845409	3	AGAA
Pongo_pygmaeus	chr17:46224481	chr17:48147119	15	T
Pongo_pygmaeus	chr17:46492698	chr17:48415336	26	A
Pongo_pygmaeus	chr17:46971685	chr17:48894323	8	T
Pongo_pygmaeus	chr17:47066831	chr17:48989469	12	A
Pongo_pygmaeus	chr17:59848905	chr17:61771544	8	A

Pongo_pygmaeus	chr17:59855431	chr17:61778070	8	AT
Pongo_pygmaeus	chr17:61082833	chr17:63005472	18	A
Pongo_pygmaeus	chr17:61266471	chr17:63189110	11	T
Pongo_pygmaeus	chr17:61272208	chr17:63194847	13	T
Pongo_pygmaeus	chr17:61281646	chr17:63204285	11	A
Pongo_pygmaeus	chr17:61296256	chr17:63218895	18,17	A
Pongo_pygmaeus	chr17:61417855	chr17:63340494	11	A
Pongo_pygmaeus	chr17:61716383	chr17:63639023	12	A
Pongo_pygmaeus	chr17:63235247	chr17:65239129	12	A
Pongo_pygmaeus	chr17:64354276	chr17:66358158	11	T
Pongo_pygmaeus	chr17:64382915	chr17:66386797	15,18	T
Pongo_pygmaeus	chr17:67220830	chr17:69224689	11,10	A
Pongo_pygmaeus	chr17:70365878	chr17:72369737	27	T
Pongo_pygmaeus	chr17:70966207	chr17:72970068	8	A
Pongo_pygmaeus	chr17:75645378	chr17:77649296	8	T
Pongo_pygmaeus	chr17:75919217	chr17:77923135	8	A
Pongo_pygmaeus	chr18:3613274	chr18:3613275	9,11	A
Pongo_pygmaeus	chr18:19029256	chr18:21449295	7	T
Pongo_pygmaeus	chr18:22605607	chr18:25025643	3	AAAC
Pongo_pygmaeus	chr18:24364548	chr18:26784584	12	T
Pongo_pygmaeus	chr18:25276465	chr18:27696501	17	A
Pongo_pygmaeus	chr18:25408304	chr18:27828340	12	A
Pongo_pygmaeus	chr18:25632009	chr18:28052045	2	AAC
Pongo_pygmaeus	chr18:26102004	chr18:28522040	16	T
Pongo_pygmaeus	chr18:26801989	chr18:29222024	11,10	A
Pongo_pygmaeus	chr18:28365071	chr18:30785105	28	T
Pongo_pygmaeus	chr18:28502611	chr18:30922645	8	T
Pongo_pygmaeus	chr18:28684038	chr18:31104075	6	A
Pongo_pygmaeus	chr18:28936975	chr18:31357012	8	A
Pongo_pygmaeus	chr18:28938725	chr18:31358762	11	T
Pongo_pygmaeus	chr18:29633326	chr18:32053363	18	A
Pongo_pygmaeus	chr18:31996986	chr18:34417022	12	A
Pongo_pygmaeus	chr18:32168651	chr18:34588687	17,12	GT
Pongo_pygmaeus	chr18:32442089	chr18:34862125	20	A
Pongo_pygmaeus	chr18:32455663	chr18:34875699	10	T
Pongo_pygmaeus	chr18:32457508	chr18:34877544	10	TGT
Pongo_pygmaeus	chr18:32471036	chr18:34891072	19	A
Pongo_pygmaeus	chr18:35062924	chr18:37482961	11	T
Pongo_pygmaeus	chr18:35620106	chr18:38040142	9	T
Pongo_pygmaeus	chr18:36318959	chr18:38738995	6	A

Pongo_pygmaeus	chr18:37849779	chr18:40269815	18	T
Pongo_pygmaeus	chr18:37853118	chr18:40273154	10	A
Pongo_pygmaeus	chr18:38036565	chr18:40456601	8	A
Pongo_pygmaeus	chr18:39114610	chr18:41534646	9	A
Pongo_pygmaeus	chr18:40785956	chr18:43205991	9	T
Pongo_pygmaeus	chr18:41463061	chr18:43883096	10	AAC
Pongo_pygmaeus	chr18:42035353	chr18:44455388	19,20	A
Pongo_pygmaeus	chr18:42648406	chr18:45068441	11,12	A
Pongo_pygmaeus	chr18:42655560	chr18:45075595	7	T
Pongo_pygmaeus	chr18:42857379	chr18:45277414	24	T
Pongo_pygmaeus	chr18:45784235	chr18:48257864	7	A
Pongo_pygmaeus	chr18:46270154	chr18:48743783	10	T
Pongo_pygmaeus	chr18:46283764	chr18:48757393	12	A
Pongo_pygmaeus	chr18:46454818	chr18:48928448	13,14	T
Pongo_pygmaeus	chr18:48581091	chr18:51054721	11	T
Pongo_pygmaeus	chr18:48603536	chr18:51077166	9	T
Pongo_pygmaeus	chr18:48605008	chr18:51078638	9	T
Pongo_pygmaeus	chr18:48608589	chr18:51082219	10	T
Pongo_pygmaeus	chr18:49409201	chr18:51882831	13,14	T
Pongo_pygmaeus	chr18:49457697	chr18:51931327	8	AT
Pongo_pygmaeus	chr18:49771248	chr18:52244878	11,9	A
Pongo_pygmaeus	chr18:51704929	chr18:54178559	15	A
Pongo_pygmaeus	chr18:53774750	chr18:56107519	8	T
Pongo_pygmaeus	chr18:54371037	chr18:56703806	11	T
Pongo_pygmaeus	chr18:56638512	chr18:58971280	10,8	A
Pongo_pygmaeus	chr18:58461725	chr18:60794492	8	A
Pongo_pygmaeus	chr18:59080948	chr18:61413715	11	A
Pongo_pygmaeus	chr18:59880137	chr18:62212904	10	A
Pongo_pygmaeus	chr18:60206067	chr18:62538834	8	A
Pongo_pygmaeus	chr18:60958956	chr18:63291723	17	T
Pongo_pygmaeus	chr18:61124202	chr18:63456969	15	T
Pongo_pygmaeus	chr18:62596938	chr18:64929702	18,19	A
Pongo_pygmaeus	chr18:62812477	chr18:65145241	13	T
Pongo_pygmaeus	chr18:63049599	chr18:65382363	16,17	A
Pongo_pygmaeus	chr18:63425112	chr18:65757876	7	T
Pongo_pygmaeus	chr18:64170586	chr18:66503349	8	A
Pongo_pygmaeus	chr18:64201335	chr18:66534098	9	A
Pongo_pygmaeus	chr18:64502928	chr18:66835691	9	A
Pongo_pygmaeus	chr18:65406908	chr18:67739671	11,12,13	T
Pongo_pygmaeus	chr18:67099983	chr18:69432747	15	A

Pongo_pygmaeus	chr18:67419084	chr18:69751848	11	A
Pongo_pygmaeus	chr18:67509378	chr18:69842142	10,12	A
Pongo_pygmaeus	chr18:69596486	chr18:71929250	9	T
Pongo_pygmaeus	chr18:69935655	chr18:72268420	6	T
Pongo_pygmaeus	chr18:70481252	chr18:72814017	11,10	A
Pongo_pygmaeus	chr18:70888184	chr18:73220949	12	T
Pongo_pygmaeus	chr18:70980354	chr18:73313119	7	A
Pongo_pygmaeus	chr18:72510239	chr18:74798283	20	T
Pongo_pygmaeus	chr18:72555645	chr18:74843689	8	T
Pongo_pygmaeus	chr18:74579184	chr18:76867228	13	T
Pongo_pygmaeus	chr18:74677254	chr18:76965298	9	T
Pongo_pygmaeus	chr18:76993290	chr18:79233290	7	A
Pongo_pygmaeus	chr18:77593138	chr18:79833138	16	T
Pongo_pygmaeus	chr19:1710586	chr19:1710587	8,10	T
Pongo_pygmaeus	chr19:14746085	chr19:14635273	10	T
Pongo_pygmaeus	chr19:18662923	chr19:18552113	9	T
Pongo_pygmaeus	chr19:20080797	chr19:19969988	9	A
Pongo_pygmaeus	chr19:20877266	chr19:20694460	9,10	T
Pongo_pygmaeus	chr19:21184734	chr19:21001928	14,20	A
Pongo_pygmaeus	chr19:22371826	chr19:22189024	11	A
Pongo_pygmaeus	chr19:28293034	chr19:27802126	11	AG
Pongo_pygmaeus	chr19:28862024	chr19:28371117	7	T
Pongo_pygmaeus	chr19:31522887	chr19:31031981	8	A
Pongo_pygmaeus	chr19:31693071	chr19:31202165	15	A
Pongo_pygmaeus	chr19:32221683	chr19:31730777	14	T
Pongo_pygmaeus	chr19:32972168	chr19:32481262	12	A
Pongo_pygmaeus	chr19:33298785	chr19:32807879	10	T
Pongo_pygmaeus	chr19:33386657	chr19:32895751	9	A
Pongo_pygmaeus	chr19:33442713	chr19:32951807	12	A
Pongo_pygmaeus	chr19:33804675	chr19:33313769	11	A
Pongo_pygmaeus	chr19:34126999	chr19:33636093	17,20	A
Pongo_pygmaeus	chr19:34538673	chr19:34047768	10	T
Pongo_pygmaeus	chr19:35447108	chr19:34956204	4	T
Pongo_pygmaeus	chr19:38243062	chr19:37752422	8	A
Pongo_pygmaeus	chr19:45329746	chr19:44826489	15,16	T
Pongo_pygmaeus	chr19:47389648	chr19:46886391	22	T
Pongo_pygmaeus	chr19:47982301	chr19:47479044	16	T
Pongo_pygmaeus	chr19:48539464	chr19:48036207	9,11	A
Pongo_pygmaeus	chr19:50946648	chr19:50443391	9	GA
Pongo_pygmaeus	chr19:53381197	chr19:52877944	6	T

Pongo_pygmaeus	chr19:56545285	chr19:56033919	7	A
Pongo_pygmaeus	chr20:7069787	chr20:7089140	11	A
Pongo_pygmaeus	chr20:7241566	chr20:7260919	13	T
Pongo_pygmaeus	chr20:8464369	chr20:8483722	9	A
Pongo_pygmaeus	chr20:9995597	chr20:10014949	7	A
Pongo_pygmaeus	chr20:12263090	chr20:12282442	8	A
Pongo_pygmaeus	chr20:12865738	chr20:12885090	9	A
Pongo_pygmaeus	chr20:13564857	chr20:13584210	7	A
Pongo_pygmaeus	chr20:14242528	chr20:14261882	10	T
Pongo_pygmaeus	chr20:14635192	chr20:14654546	15	A
Pongo_pygmaeus	chr20:15198183	chr20:15217537	7	T
Pongo_pygmaeus	chr20:16835019	chr20:16854374	9	T
Pongo_pygmaeus	chr20:17904712	chr20:17924068	9	T
Pongo_pygmaeus	chr20:18464105	chr20:18483461	17	T
Pongo_pygmaeus	chr20:18470643	chr20:18489999	9	A
Pongo_pygmaeus	chr20:18946052	chr20:18965408	9	T
Pongo_pygmaeus	chr20:22782802	chr20:22802164	8	T
Pongo_pygmaeus	chr20:30133042	chr20:31545239	19	T
Pongo_pygmaeus	chr20:34600400	chr20:36012478	12,10	A
Pongo_pygmaeus	chr20:38363130	chr20:39734488	7	AC
Pongo_pygmaeus	chr20:43453382	chr20:44824741	6	GT
Pongo_pygmaeus	chr20:43528691	chr20:44900050	13,15	T
Pongo_pygmaeus	chr20:45635736	chr20:47007097	17	T
Pongo_pygmaeus	chr20:45982546	chr20:47353802	14	G
Pongo_pygmaeus	chr20:46202761	chr20:47574017	9	T
Pongo_pygmaeus	chr20:46355117	chr20:47726373	11	T
Pongo_pygmaeus	chr20:49803396	chr20:51186859	7	A
Pongo_pygmaeus	chr20:49967742	chr20:51351205	15	T
Pongo_pygmaeus	chr20:51444283	chr20:52827744	8	A
Pongo_pygmaeus	chr20:52445230	chr20:53828691	11	A
Pongo_pygmaeus	chr20:52653592	chr20:54037053	7	T
Pongo_pygmaeus	chr20:52654462	chr20:54037923	5	A
Pongo_pygmaeus	chr20:52716851	chr20:54100312	8,10	A
Pongo_pygmaeus	chr20:56736157	chr20:58161101	10	A
Pongo_pygmaeus	chr20:56805159	chr20:58230103	7	A
Pongo_pygmaeus	chr20:57136763	chr20:58561707	16	A
Pongo_pygmaeus	chr21:14923917	chr21:13551596	9	T
Pongo_pygmaeus	chr21:16044472	chr21:14672151	10	T
Pongo_pygmaeus	chr21:16132607	chr21:14760286	8	A
Pongo_pygmaeus	chr21:17960235	chr21:16587915	10	T

Pongo_pygmaeus	chr21:17995083	chr21:16622764	6	A
Pongo_pygmaeus	chr21:18100237	chr21:16727918	14	T
Pongo_pygmaeus	chr21:18317097	chr21:16944777	6	A
Pongo_pygmaeus	chr21:18727303	chr21:17354984	11	A
Pongo_pygmaeus	chr21:18730658	chr21:17358339	14	A
Pongo_pygmaeus	chr21:19480466	chr21:18108148	17	T
Pongo_pygmaeus	chr21:19627189	chr21:18254872	10	T
Pongo_pygmaeus	chr21:20180132	chr21:18807814	22,27	A
Pongo_pygmaeus	chr21:20417076	chr21:19044757	12	T
Pongo_pygmaeus	chr21:20910065	chr21:19537750	8	T
Pongo_pygmaeus	chr21:21061219	chr21:19688905	19,20	T
Pongo_pygmaeus	chr21:21062332	chr21:19690018	6	T
Pongo_pygmaeus	chr21:21393402	chr21:20021089	8	A
Pongo_pygmaeus	chr21:24388347	chr21:23016025	12,13,14	T
Pongo_pygmaeus	chr21:27162491	chr21:25790180	7,10	A
Pongo_pygmaeus	chr21:28414231	chr21:27041912	8	T
Pongo_pygmaeus	chr21:28749134	chr21:27376815	6	T
Pongo_pygmaeus	chr21:28913246	chr21:27540927	12,11,13	T
Pongo_pygmaeus	chr21:30076880	chr21:28704558	20,21	A
Pongo_pygmaeus	chr21:30241825	chr21:28869503	3	CTT
Pongo_pygmaeus	chr21:30419930	chr21:29047609	6	T
Pongo_pygmaeus	chr21:31939332	chr21:30567013	17	T
Pongo_pygmaeus	chr21:33840805	chr21:32468497	8	TA
Pongo_pygmaeus	chr21:34855533	chr21:33483226	11	A
Pongo_pygmaeus	chr21:34855653	chr21:33483346	10	A
Pongo_pygmaeus	chr21:35019796	chr21:33647490	25	T
Pongo_pygmaeus	chr21:35284708	chr21:33912404	9	A
Pongo_pygmaeus	chr21:37453964	chr21:36081666	8,7	A
Pongo_pygmaeus	chr21:38138763	chr21:36766462	9	T
Pongo_pygmaeus	chr21:40324016	chr21:38952091	10	T
Pongo_pygmaeus	chr21:42916933	chr21:41545006	10	A
Pongo_pygmaeus	chr21:42947233	chr21:41575306	8	T
Pongo_pygmaeus	chr21:44426606	chr21:43006496	15	T
Pongo_pygmaeus	chr21:47596685	chr21:46176771	9	A
Pongo_pygmaeus	chr21:47751680	chr21:46331766	11	A
Pongo_pygmaeus	chr21:47761861	chr21:46341947	10	T
Pongo_pygmaeus	chr22:25144560	chr22:24748593	11	T
Pongo_pygmaeus	chr22:25997749	chr22:25601782	7	A
Pongo_pygmaeus	chr22:26943052	chr22:26547086	15	T
Pongo_pygmaeus	chr22:27026785	chr22:26630821	10	T

Pongo_pygmaeus	chr22:30559727	chr22:30163738	26	T
Pongo_pygmaeus	chr22:34476869	chr22:34080880	7	T
Pongo_pygmaeus	chr22:34514166	chr22:34118177	31	T
Pongo_pygmaeus	chr22:36136376	chr22:35740329	8	A
Pongo_pygmaeus	chr22:37113259	chr22:36717214	9	A
Pongo_pygmaeus	chr22:37392179	chr22:36996138	6	A
Pongo_pygmaeus	chr22:39288310	chr22:38892305	13	A
Pongo_pygmaeus	chr22:45738671	chr22:45342790	25	A
Pongo_pygmaeus	chr22:45757340	chr22:45361460	11	AC
Pongo_pygmaeus	chr22:50126004	chr22:49732356	19,20	T
Pongo_pygmaeus	chr22:50309236	chr22:49915588	8	A
Pongo_pygmaeus	chrX:3858726	chrX:3940685	11	T
Pongo_pygmaeus	chrX:4061982	chrX:4143941	24,26	A
Pongo_pygmaeus	chrX:4392691	chrX:4474650	16	T
Pongo_pygmaeus	chrX:5766985	chrX:5848944	9	A
Pongo_pygmaeus	chrX:8969707	chrX:9001666	10	A
Pongo_pygmaeus	chrX:9150408	chrX:9182367	9	T
Pongo_pygmaeus	chrX:10383917	chrX:10415877	11	T
Pongo_pygmaeus	chrX:10408864	chrX:10440824	4	AGAA
Pongo_pygmaeus	chrX:11055431	chrX:11037311	12	A
Pongo_pygmaeus	chrX:12225148	chrX:12207029	19	T
Pongo_pygmaeus	chrX:12332804	chrX:12314685	11,12	T
Pongo_pygmaeus	chrX:12527853	chrX:12509734	14	A
Pongo_pygmaeus	chrX:12823084	chrX:12804965	10	A
Pongo_pygmaeus	chrX:13850206	chrX:13832087	9	A
Pongo_pygmaeus	chrX:13879593	chrX:13861474	13	T
Pongo_pygmaeus	chrX:14712194	chrX:14694072	8	A
Pongo_pygmaeus	chrX:15557382	chrX:15539259	9	A
Pongo_pygmaeus	chrX:16142707	chrX:16124584	12	A
Pongo_pygmaeus	chrX:17820577	chrX:17802457	7	A
Pongo_pygmaeus	chrX:19873985	chrX:19855867	10	T
Pongo_pygmaeus	chrX:23881544	chrX:23863427	10	A
Pongo_pygmaeus	chrX:24277277	chrX:24259160	13	T
Pongo_pygmaeus	chrX:28451694	chrX:28433577	10	A
Pongo_pygmaeus	chrX:29595404	chrX:29577287	8	A
Pongo_pygmaeus	chrX:29700032	chrX:29681915	13	A
Pongo_pygmaeus	chrX:29972559	chrX:29954442	7	A
Pongo_pygmaeus	chrX:30895954	chrX:30877837	11	A
Pongo_pygmaeus	chrX:31120918	chrX:31102801	15	GA
Pongo_pygmaeus	chrX:33147638	chrX:33129521	15	A

Pongo_pygmaeus	chrX:33246086	chrX:33227969	9	A
Pongo_pygmaeus	chrX:35946764	chrX:35928647	11,12	T
Pongo_pygmaeus	chrX:35962398	chrX:35944281	11	T
Pongo_pygmaeus	chrX:36572891	chrX:36554811	9	A
Pongo_pygmaeus	chrX:38244920	chrX:38385667	9	T
Pongo_pygmaeus	chrX:38851487	chrX:38992232	14	A
Pongo_pygmaeus	chrX:39038550	chrX:39179297	14,15,16	T
Pongo_pygmaeus	chrX:39082623	chrX:39223370	11	T
Pongo_pygmaeus	chrX:40980511	chrX:41121258	9	T
Pongo_pygmaeus	chrX:41117291	chrX:41258038	9	A
Pongo_pygmaeus	chrX:41871404	chrX:42012151	9	A
Pongo_pygmaeus	chrX:42344898	chrX:42485646	10	T
Pongo_pygmaeus	chrX:42494595	chrX:42635343	8	T
Pongo_pygmaeus	chrX:42801964	chrX:42942715	9	T
Pongo_pygmaeus	chrX:42920040	chrX:43060791	10	A
Pongo_pygmaeus	chrX:53845668	chrX:53819170	7	A
Pongo_pygmaeus	chrX:56231051	chrX:56204618	10,11	T
Pongo_pygmaeus	chrX:56853308	chrX:56826875	9	T
Pongo_pygmaeus	chrX:62636924	chrX:63417044	12	T
Pongo_pygmaeus	chrX:63250684	chrX:64030804	9	T
Pongo_pygmaeus	chrX:64363338	chrX:65143458	10	T
Pongo_pygmaeus	chrX:64465533	chrX:65245653	8	A
Pongo_pygmaeus	chrX:64517518	chrX:65297638	11	A
Pongo_pygmaeus	chrX:65623993	chrX:66404151	10	T
Pongo_pygmaeus	chrX:66293101	chrX:67073259	10	A
Pongo_pygmaeus	chrX:66298936	chrX:67079094	10	T
Pongo_pygmaeus	chrX:66501104	chrX:67281262	10	A
Pongo_pygmaeus	chrX:66904713	chrX:67684871	10	T
Pongo_pygmaeus	chrX:67090646	chrX:67870804	10	T
Pongo_pygmaeus	chrX:67425890	chrX:68206048	7	T
Pongo_pygmaeus	chrX:69162331	chrX:69942481	10	T
Pongo_pygmaeus	chrX:69533247	chrX:70313397	14	T
Pongo_pygmaeus	chrX:72694311	chrX:73474475	9,7	A
Pongo_pygmaeus	chrX:72812745	chrX:73592909	10	T
Pongo_pygmaeus	chrX:74275584	chrX:75055749	7	TG
Pongo_pygmaeus	chrX:75109561	chrX:75889726	7	T
Pongo_pygmaeus	chrX:76787755	chrX:77532276	14	A
Pongo_pygmaeus	chrX:79942882	chrX:80687383	8	T
Pongo_pygmaeus	chrX:80140441	chrX:80884942	9	A
Pongo_pygmaeus	chrX:80189010	chrX:80933511	9	A

Pongo_pygmaeus	chrX:80735715	chrX:81480216	10	A
Pongo_pygmaeus	chrX:81008485	chrX:81752986	9	T
Pongo_pygmaeus	chrX:82811593	chrX:83556585	8	T
Pongo_pygmaeus	chrX:82824770	chrX:83569762	11	T
Pongo_pygmaeus	chrX:83190520	chrX:83935512	7	T
Pongo_pygmaeus	chrX:85788818	chrX:86533815	11,13	T
Pongo_pygmaeus	chrX:85953083	chrX:86698080	7	A
Pongo_pygmaeus	chrX:87208685	chrX:87953685	17	A
Pongo_pygmaeus	chrX:87235012	chrX:87980012	9	A
Pongo_pygmaeus	chrX:90666707	chrX:91411708	10	A
Pongo_pygmaeus	chrX:92639950	chrX:93384951	8	T
Pongo_pygmaeus	chrX:92891109	chrX:93636110	8	A
Pongo_pygmaeus	chrX:93040234	chrX:93785235	8	T
Pongo_pygmaeus	chrX:93673496	chrX:94418497	8,13	T
Pongo_pygmaeus	chrX:98160645	chrX:98905647	10	A
Pongo_pygmaeus	chrX:98465767	chrX:99210769	13	A
Pongo_pygmaeus	chrX:98889687	chrX:99634689	10	A
Pongo_pygmaeus	chrX:99010677	chrX:99755679	12	A
Pongo_pygmaeus	chrX:99854289	chrX:100599292	12,11	A
Pongo_pygmaeus	chrX:99939574	chrX:100684577	11,10	A
Pongo_pygmaeus	chrX:100248754	chrX:100993765	13	A
Pongo_pygmaeus	chrX:100390659	chrX:101135670	7	T
Pongo_pygmaeus	chrX:100647507	chrX:101392519	8	T
Pongo_pygmaeus	chrX:100863898	chrX:101608918	9	A
Pongo_pygmaeus	chrX:100885283	chrX:101630293	11,10	T
Pongo_pygmaeus	chrX:101027379	chrX:101772406	10	T
Pongo_pygmaeus	chrX:101800797	chrX:102545869	8	A
Pongo_pygmaeus	chrX:102123815	chrX:102868887	8,6,7	T
Pongo_pygmaeus	chrX:104671323	chrX:105426652	10	T
Pongo_pygmaeus	chrX:105615792	chrX:106372562	7	AT
Pongo_pygmaeus	chrX:105857792	chrX:106614562	10	T
Pongo_pygmaeus	chrX:106430586	chrX:107187356	18,19	A
Pongo_pygmaeus	chrX:106578782	chrX:107335552	12	T
Pongo_pygmaeus	chrX:106886733	chrX:107643503	13,12	T
Pongo_pygmaeus	chrX:107739690	chrX:108496460	7,9	T
Pongo_pygmaeus	chrX:108924111	chrX:109680882	10	T
Pongo_pygmaeus	chrX:109475071	chrX:110231843	8,11	A
Pongo_pygmaeus	chrX:113404480	chrX:114161266	10	T
Pongo_pygmaeus	chrX:114694850	chrX:115460134	11	A
Pongo_pygmaeus	chrX:116009855	chrX:116875887	10,9	A

Pongo_pygmaeus	chrX:117659787	chrX:118525824	17	A
Pongo_pygmaeus	chrX:118722358	chrX:119588395	10	T
Pongo_pygmaeus	chrX:119438770	chrX:120304915	9	T
Pongo_pygmaeus	chrX:119922605	chrX:120788751	8	A
Pongo_pygmaeus	chrX:123984624	chrX:124850775	9	A
Pongo_pygmaeus	chrX:124066088	chrX:124932239	11	A
Pongo_pygmaeus	chrX:125886982	chrX:126752999	11	A
Pongo_pygmaeus	chrX:128603316	chrX:129469339	9	A
Pongo_pygmaeus	chrX:129507597	chrX:130373623	8	A
Pongo_pygmaeus	chrX:130658296	chrX:131524322	16	A
Pongo_pygmaeus	chrX:131924340	chrX:132790312	11	T
Pongo_pygmaeus	chrX:132174048	chrX:133040020	9	T
Pongo_pygmaeus	chrX:132969838	chrX:133835811	11,10	A
Pongo_pygmaeus	chrX:133011991	chrX:133877964	9	T
Pongo_pygmaeus	chrX:134087369	chrX:134953339	12,13	A
Pongo_pygmaeus	chrX:134507915	chrX:135373990	10	A
Pongo_pygmaeus	chrX:139347713	chrX:140265548	10	A
Pongo_pygmaeus	chrX:141013095	chrX:141925309	10	T
Pongo_pygmaeus	chrX:141711565	chrX:142623779	16	A
Pongo_pygmaeus	chrX:143035305	chrX:143952199	9	A
Pongo_pygmaeus	chrX:144103309	chrX:145021789	10	A
Pongo_pygmaeus	chrX:146930247	chrX:147848729	15	A
Pongo_pygmaeus	chrX:146941108	chrX:147859590	9	T
Pongo_pygmaeus	chrX:147115061	chrX:148033541	11	T
Pongo_pygmaeus	chrX:147714971	chrX:148633450	13,14	CA
Pongo_pygmaeus	chrX:149796810	chrX:150628337	10	T
Pongo_pygmaeus	chrX:150747393	chrX:151578921	16	T
Pongo_pygmaeus	chrX:151232708	chrX:152064236	7	T

Supplementary Table S2. Biological processes gene ontology terms obtained for the different gene subsets according to their genotype length conservation in great apes. The first column shows a colour corresponding to a particular subset of genes (see Key). The third column shows the relevant biological process term, followed by the number of such terms annotated (Annotated), the ones expect by random chance (Expected), and the number of significant terms obtained (Significant). The last column shows the Bonferroni corrected p-value.

Key	
	Genes containing exclusively repeat loci where the repeat genotype is fixed only in humans and polymorphic in all genotypable nonhuman primates
	Genes containing repeat loci with a single repeat genotype fixed in all genotypable nonhuman primates for the same repeat, and polymorphic in humans
	Genes containing repeat loci where the repeat genotype fixed for humans and chimpanzees is different

Color code	GO ID	Biological process term	Annotated	Significant	Expected	Adjusted p-value
	GO:0050907	detection of chemical stimulus involved in sensory perception	59	20	3.62	1.3e-10
	GO:0007606	sensory perception of chemical stimulus	117	28	7.17	3.1e-10
	GO:0050906	detection of stimulus involved in sensory perception	95	21	5.82	2.2e-07
	GO:0042742	defense response to bacterium	148	27	9.07	2.9e-07
	GO:0009593	detection of chemical stimulus	91	20	5.58	4.7e-07
	GO:0050911	detection of chemical stimulus involved in sensory perception of smell	35	12	2.15	5.9e-07
	GO:0009617	response to bacterium	356	46	21.83	1.3e-06
	GO:0050909	sensory perception of taste	49	13	3	5.3e-06
	GO:0007608	sensory perception of smell	60	14	3.68	1.2e-05
	GO:0051707	response to other organism	605	64	37.09	1.3e-05
	GO:0009607	response to biotic stimulus	633	65	38.81	2.8e-05

	detection of chemical stimulus				
GO:0050	involved in sensory perception of				
912	taste	22	8	1.35	2.9e-05
GO:0006					
334	nucleosome assembly	102	18	6.25	4.3e-05
GO:0032					
501	multicellular organismal process	5837	414	357.88	5.0e-05
GO:0034					
728	nucleosome organization	124	20	7.6	6.3e-05
GO:0044	single-multicellular organism				
707	process	5634	399	345.43	9.5e-05
GO:0071	cellular response to inorganic				
241	substance	90	16	5.52	0
GO:0008					
544	epidermis development	280	34	17.17	0
GO:0043					
588	skin development	311	36	19.07	0
GO:0007					
156	homophilic cell adhesion	138	39	12.66	9.2e-11
GO:0007					
399	nervous system development	1780	239	163.28	1.8e-10
GO:0048					
699	generation of neurons	1125	160	103.2	6.2e-09
GO:0007					
155	cell adhesion	968	142	88.79	6.6e-09
GO:0022					
610	biological adhesion	970	142	88.98	7.6e-09
GO:0022					
008	neurogenesis	1194	167	109.52	9.3e-09
GO:0044					
763	single-organism cellular process	9855	992	903.99	2.7e-08
GO:0016					
337	cell-cell adhesion	415	73	38.07	3.6e-08
GO:0048					
666	neuron development	837	124	76.78	3.7e-08
GO:0030					
182	neuron differentiation	1040	147	95.4	4.1e-08
GO:0048					
468	cell development	1572	201	144.2	3.1e-07
GO:0030					
030	cell projection organization	978	136	89.71	3.6e-07
GO:0032	cellular component				
989	morphogenesis	1042	140	95.58	1.7e-06
GO:0000	cell morphogenesis	978	132	89.71	2.7e-06

902					
GO:0044					
699	single-organism process	10898	1067	999.67	3.7e-06
GO:0031					
175	neuron projection development	724	102	66.41	6.4e-06
GO:0007	glutamate receptor signaling				
215	pathway	51	16	4.68	7.4e-06
GO:0060	inner ear receptor cell				
113	differentiation	46	15	4.22	8.4e-06
GO:0042					
490	mechanoreceptor differentiation	52	16	4.77	9.8e-06
GO:0032					
990	cell part morphogenesis	714	100	65.49	1.0e-05
GO:0035	multicellular organismal				
637	signaling	786	108	72.1	1.1e-05
GO:0048					
858	cell projection morphogenesis	700	98	64.21	1.3e-05
GO:0048	cell morphogenesis involved in				
667	neuron differentiation	564	82	51.74	1.7e-05
GO:0060	inner ear receptor cell				
119	development	24	10	2.2	2.4e-05
GO:0032					
502	developmental process	4628	491	424.52	2.9e-05
GO:0048	anatomical structure				
856	development	4086	439	374.81	3.0e-05
GO:0048					
812	neuron projection morphogenesis	574	82	52.65	3.2e-05
GO:0023					
052	signaling	4846	510	444.52	4.5e-05
GO:0044					
700	single organism signaling	4846	510	444.52	4.5e-05
GO:0007					
154	cell communication	4956	520	454.61	5.0e-05
GO:0050					
905	neuromuscular process	91	21	8.35	5.9e-05
GO:0009					
987	cellular process	13045	1237	1196.61	6.7e-05
GO:0048					
869	cellular developmental process	3008	331	275.92	7.4e-05
GO:0007	multicellular organismal				
275	development	4095	436	375.63	8.1e-05
GO:0000	cell morphogenesis involved in				
904	differentiation	707	95	64.85	8.5e-05
GO:0048	system development	3536	381	324.35	0

731					
GO:0019					
226	transmission of nerve impulse	759	100	69.62	0
GO:0030					
154	cell differentiation	2826	310	259.23	0
GO:0044	single-organism developmental process	3597	385	329.95	0
GO:0009	anatomical structure morphogenesis	2101	238	192.72	0
GO:0007					
165	signal transduction	4331	455	397.28	0
GO:0016					
043	cellular component organization	4428	464	406.18	0
GO:0071	cellular component organization or biogenesis	4539	474	416.36	0
GO:0022	regulation of transmembrane transporter activity	102	21	9.36	0
GO:0006					
928	cellular component movement	1458	171	133.74	0
GO:0001					
508	regulation of action potential	163	29	14.95	0
GO:0060					
284	regulation of cell development	539	73	49.44	0
GO:0007					
399	nervous system development	1780	362	260.61	1.9e-12
GO:0007					
156	homophilic cell adhesion	138	51	20.2	6.6e-11
GO:0044					
763	single-organism cellular process	9855	1567	1442.89	2.0e-10
GO:0030					
030	cell projection organization	978	212	143.19	6.0e-10
GO:0031					
175	neuron projection development	724	166	106	7.4e-10
GO:0048					
468	cell development	1572	312	230.16	1.6e-09
GO:0048					
858	cell projection morphogenesis	700	157	102.49	1.1e-08
GO:0048					
666	neuron development	837	181	122.55	1.4e-08
GO:0048					
812	neuron projection morphogenesis	574	133	84.04	2.0e-08
GO:0016					
337	cell-cell adhesion	415	103	60.76	2.2e-08
GO:0048	generation of neurons	1125	230	164.71	2.5e-08

699					
GO:0032					
990	cell part morphogenesis	714	157	104.54	4.4e-08
GO:0022					
008	neurogenesis	1194	240	174.82	5.4e-08
GO:0030					
182	neuron differentiation	1040	213	152.27	7.4e-08
GO:0044					
699	single-organism process	10898	1692	1595.59	8.3e-08
GO:0048	cell morphogenesis involved in				
667	neuron differentiation	564	128	82.58	1.3e-07
GO:0009	anatomical structure				
653	morphogenesis	2101	387	307.61	1.5e-07
GO:0007					
411	axon guidance	359	89	52.56	2.1e-07
GO:0097					
485	neuron projection guidance	359	89	52.56	2.1e-07
GO:0023					
052	signaling	4846	810	709.51	4.2e-07
GO:0044					
700	single organism signaling	4846	810	709.51	4.2e-07
GO:0061					
564	axon development	523	118	76.57	5.6e-07
GO:0007					
155	cell adhesion	968	196	141.73	6.0e-07
GO:0022					
610	biological adhesion	970	196	142.02	6.9e-07
GO:0007					
409	axonogenesis	507	114	74.23	1.0e-06
GO:0035	multicellular organismal				
637	signaling	786	163	115.08	1.3e-06
GO:0007					
154	cell communication	4956	822	725.62	1.3e-06
GO:0019					
226	transmission of nerve impulse	759	158	111.13	1.5e-06
GO:0000	cell morphogenesis involved in				
904	differentiation	707	148	103.51	2.3e-06
GO:0000					
902	cell morphogenesis	978	194	143.19	2.9e-06
GO:0050					
794	regulation of cellular process	7875	1248	1152.99	4.4e-06
GO:0009					
987	cellular process	13045	1967	1909.94	5.6e-06
GO:0007	establishment or maintenance of	121	37	17.72	5.7e-06

163	cell polarity				
GO:0016					
568	chromatin modification	453	101	66.32	6.3e-06
GO:0007					
268	synaptic transmission	668	139	97.8	6.5e-06
GO:0048	anatomical structure				
856	development	4086	683	598.24	6.9e-06
GO:0044	single-organism developmental				
767	process	3597	608	526.64	7.2e-06
GO:0032	cellular component				
989	morphogenesis	1042	202	152.56	8.6e-06
GO:0043					
412	macromolecule modification	2665	462	390.19	1.1e-05
GO:0016					
043	cellular component organization	4428	730	648.31	2.1e-05
GO:0007					
165	signal transduction	4331	715	634.11	2.2e-05
GO:0006					
928	cellular component movement	1458	267	213.47	2.7e-05
GO:0065					
007	biological regulation	8864	1382	1297.79	2.8e-05
GO:0016					
358	dendrite development	135	38	19.77	3.5e-05
GO:0006	cellular protein modification				
464	process	2543	438	372.32	3.8e-05
GO:0036					
211	protein modification process	2543	438	372.32	3.8e-05
GO:0032					
501	multicellular organismal process	5837	937	854.6	4.9e-05
GO:0048					
731	system development	3536	589	517.71	6.6e-05
GO:0007	multicellular organismal				
275	development	4095	674	599.56	6.7e-05
GO:0044	single-multicellular organism				
707	process	5634	905	824.88	6.9e-05
GO:0032					
502	developmental process	4628	754	677.59	7.5e-05
GO:0035					
556	intracellular signal transduction	2051	357	300.29	0
GO:0030					
032	lamellipodium assembly	41	16	6	0
GO:0061					
061	muscle structure development	508	105	74.38	0
GO:0050	regulation of biological process	8317	1295	1217.7	0

789					
GO:0071	cellular component organization				
840	or biogenesis	4539	737	664.56	0
GO:0042					
692	muscle cell differentiation	342	75	50.07	0
GO:0051					
716	cellular response to stimulus	5269	844	771.44	0
GO:0046	regulation of hormone				
885	biosynthetic process	17	9	2.49	0
GO:0030					
029	actin filament-based process	512	104	74.96	0
GO:0002	Fc receptor mediated stimulatory				
431	signaling pathway	74	23	10.83	0
GO:0032	regulation of hormone metabolic				
350	process	24	11	3.51	0
GO:0043	DNA methylation involved in				
046	gamete generation	14	8	2.05	0
GO:0009	regulation of nucleoside				
118	metabolic process	266	60	38.95	0
GO:0051	regulation of small GTPase				
056	mediated signal transduction	385	81	56.37	0
GO:0009					
894	regulation of catabolic process	559	111	81.84	0
GO:0006					
305	DNA alkylation	45	16	6.59	0
GO:0006					
306	DNA methylation	45	16	6.59	0
GO:0023					
051	regulation of signaling	2197	374	321.67	0
GO:0051	regulation of cellular component				
128	organization	1360	242	199.12	0
GO:0007	transmembrane receptor protein				
169	tyrosine kinase signalling	652	126	95.46	0
GO:0050	pathway				
808	synapse organization	147	37	21.52	0
GO:0033	regulation of purine nucleotide				
121	catabolic process	265	59	38.8	0
GO:0007	small GTPase mediated signal				
264	transduction	635	123	92.97	0
GO:0030					
010	establishment of cell polarity	73	22	10.69	0
GO:0030					
154	cell differentiation	2826	470	413.76	0

GO:0007167	enzyme linked receptor protein signaling pathway	914	169	133.82	0
GO:0007517	muscle organ development	384	80	56.22	0
GO:0030811	regulation of nucleotide catabolic process	266	59	38.95	0
GO:0035295	tube development	448	91	65.59	0
GO:0007215	glutamate receptor signaling pathway	51	17	7.47	0
GO:0030031	cell projection assembly	224	51	32.8	0
GO:0006935	chemotaxis	610	118	89.31	0
GO:0042330	taxis	610	118	89.31	0
GO:0002433	immune response-regulating cell surface receptor signalling pathway involved in phagocytosis	70	21	10.25	0
GO:0038094	Fc-gamma receptor signaling pathway	70	21	10.25	0
GO:0038096	Fc-gamma receptor signaling pathway involved in phagocytosis	70	21	10.25	0
GO:0010646	regulation of cell communication	2202	372	322.4	0
GO:0033124	regulation of GTP catabolic process	236	53	34.55	0
GO:0060537	muscle tissue development	367	76	53.73	0
GO:0044728	DNA methylation or demethylation	57	18	8.35	0
GO:0007269	neurotransmitter secretion	100	27	14.64	0

ADRA2B; repeat annotated with RepeatMasker

[illegible]

Supplementary table S4 – Sequenced samples information

Name	Sex	Source	Geographic origin	Birth Origin	Sequencing Center	Read Length	Sequenced Coverage	Sequenced Coverage PE	Sequenced (Gbp)	Species	Subspecies/Group	SRA study	
Kaisi	A929	M	Blood	DRC - Walikale region, Nord-Kivu	Wild bom	CNAG	100/101	41.3	34.6	124	<i>Gorilla gorilla</i>	<i>Gorilla gorilla graueri</i>	SRP018689
Victoria	A967	F	Heparine blood	DRC	Captive bom	CNAG	53/100	36.7	36.7	110.2	<i>Gorilla gorilla</i>	<i>Gorilla gorilla graueri</i>	SRP018689
Nyango	B646	F	Whole Blood	West Africa (Cameroon)	Wild bom	CNAG	100	23.8	23.8	71.4	<i>Gorilla gorilla</i>	<i>Gorilla gorilla diehli</i>	SRP018689
Benjo	A931	M	Blood	Cameroon	Wild bom	CNAG	100	31.3	31.3	93.8	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Mini	A932	F	Blood	Cameroon	Wild bom	CNAG	100/101	38.7	32.1	116	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Dian	A933	F	Blood	Cameroon	Captive bom	CNAG	100	42.1	35.2	126.2	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Delphi	A934	F	Blood	Congo	Wild bom	CNAG	100	40.13	40.1	120.39	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Sandra	A930	F	Blood	Cameroon	Captive bom	CNAG	100	27.68	27.7	83.03	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Coco	A936	F	Blood	Equatorial Guinea	Wild bom	CNAG	100	29.7	29.7	89.2	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Kolo	A937	F	Blood	Cameroon	Captive bom	CNAG	100	31	31	93	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Anani	A962	F	Blood	Cameroon	Captive bom	CNAG	100	39.2	39.2	117.6	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Abe	X00108	M	Blood	Unknown	Wild bom	CNAG	100	21.18	21.2	63.55	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Tzambo	X00109	M	Blood	Unknown	Wild bom	CNAG	100	22.46	22.5	67.39	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Akba Beri	B642	F	Whole Blood	Cameroon	Wild bom	CNAG	100	22.8	22.8	68.3	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Chomboa	B643	F	Whole Blood	West Africa	Wild bom	CNAG	100	25.4	25.4	76.3	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Paki	B644	F	Whole Blood	West Africa	Wild bom	CNAG	100	24.9	24.9	74.6	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Anthal	B647	F	Whole Blood	West Africa (Cameroon)	Wild bom	CNAG	100	23.4	23.4	70.2	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Kate	B650	F	Whole Blood	West Africa	Wild bom	CNAG	100	22.2	22.2	66.7	<i>Gorilla gorilla</i>	<i>Gorilla gorilla gorilla</i>	SRP018689
Hortense	A914	F	Blood	Cameroon	Wild bom	CNAG	100	41.66	41.7	124.98	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Kosana	A915	F	Blood	Cameroon	Wild bom	CNAG	100	43.06	43.1	129.17	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Dzeta	A917	F	Blood	Cameroon	Wild bom	CNAG	100	48.15	48.1	144.45	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Hermien	A918	F	Blood	Cameroon	Wild bom	CNAG	100	44.87	44.9	134.61	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Desmond	A919	M	Blood	Cameroon	Wild bom	CNAG	100	46.5	46.5	139.51	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Catherine	A922	F	Blood	Cameroon	Wild bom	CNAG	100	33.18	33.2	99.55	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Kombole	A923	F	Blood	Cameroon	Wild bom	CNAG	100/151	39.4	32.6	116.2	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Chopla	A924	F	Blood	Cameroon	Wild bom	CNAG	100	29.6	29.6	88.9	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Bono	A925	M	Blood	Cameroon	Wild bom	CNAG	100/151	38.8	32.1	116.3	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Natalie	A926	F	Blood	Cameroon	Wild bom	CNAG	100/151	39.7	33.1	119.1	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Salanga	A927	F	Blood	Cameroon	Captive bom	CNAG	100	28.7	28.7	86.1	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Kumbua	A928	F	Blood	Cameroon	Captive bom	CNAG	100/101	43.2	36.3	129.5	<i>Pan paniscus</i>	<i>Pan paniscus</i>	SRP018689
Damian	LWC12	M	Whole Blood	Western Cameroon; conf (Tinto, NW Province)	Wild bom	Seattle	51/100	22.9	22.9	68.7	<i>Pan troglodytes</i>	<i>Pan troglodytes ellioti</i>	SRP018689
Julie	LWC21	F	Whole Blood	Western Cameroon; conf (Douala, Littoral Province probably smuggled from NW)	Wild bom	Seattle	50/100	26.1	26.1	78.2	<i>Pan troglodytes</i>	<i>Pan troglodytes ellioti</i>	SRP018689
Koto	LWC24	M	Whole Blood	Western Cameroon; conf (Edea, Littoral Province probably smuggled from Mt. Cameroon)	Wild bom	Seattle	50/100	27.3	27.3	81.8	<i>Pan troglodytes</i>	<i>Pan troglodytes ellioti</i>	SRP018689
Taweh	LWC43	M*	Whole Blood	Western Cameroon; conf (Numba Nle near Mamfe, SW Province)	Wild bom	Seattle	50/100	23.7	23.7	71	<i>Pan troglodytes</i>	<i>Pan troglodytes ellioti</i>	SRP018689
Vincent	100037	M	Spleen	Tanzania, Gombe National Park	Wild bom	CNAG	100	25.01	25.01	75.04	<i>Pan troglodytes</i>	<i>Pan troglodytes schweinfurthi</i>	SRP018689
Andromeda	100040	F	Spleen	Tanzania, Gombe National Park	Wild bom	CNAG	100	23.18	23.2	69.54	<i>Pan troglodytes</i>	<i>Pan troglodytes schweinfurthi</i>	SRP018689
Biwambale	A910	M	Blood	Uganda, from Busambwa, Bundibugyo District in western Uganda	Wild bom	CNAG	100	48.26	48.3	144.79	<i>Pan troglodytes</i>	<i>Pan troglodytes schweinfurthi</i>	SRP018689
Kidongo	A911	F	Blood	Democratic Republic of Congo	Wild bom	CNAG	100	49.81	49.8	149.43	<i>Pan troglodytes</i>	<i>Pan troglodytes schweinfurthi</i>	SRP018689
A912	F	Blood	Democratic Republic of Congo	Wild bom	CNAG	100	46.36	46.4	139.09	<i>Pan troglodytes</i>	<i>Pan troglodytes schweinfurthi</i>	SRP018689	
Valiant	A957	M	Blood	Gabon (Haut Ogouou)	Wild bom	CNAG	100	34.98	35	104.96	<i>Pan troglodytes</i>	<i>Pan troglodytes troglodytes</i>	SRP018689
Doris	A958	F	Blood	Gabon (Ogouou Maritime)	Wild bom	CNAG	100	39.4	39.4	118.2	<i>Pan troglodytes</i>	<i>Pan troglodytes troglodytes</i>	SRP018689
Julie	A959	F	Blood	Gabon (Haut Ogouou)	Wild bom	CNAG	100	29.66	29.7	88.99	<i>Pan troglodytes</i>	<i>Pan troglodytes troglodytes</i>	SRP018689
A960	F	Blood	Gabon	Wild bom	CNAG	100	25.53	25.6	76.89	<i>Pan troglodytes</i>	<i>Pan troglodytes troglodytes</i>	SRP018689	
Jimmie	A956	F	Blood	Western Africa	Wild bom	CNAG	100	31.72	31.7	95.15	<i>Pan troglodytes</i>	<i>Pan troglodytes verus</i>	SRP018689
Koby	X00100	M	Blood	Western Africa	Wild bom	CNAG	100	20.48	20.5	61.45	<i>Pan troglodytes</i>	<i>Pan troglodytes verus</i>	SRP018689
Clint	C0471	M	Blood	Captive bom	Washu	100	39.3	39.3	118	<i>Pan troglodytes</i>	<i>Pan troglodytes verus</i>	SRP018689	
Ela	A947	F	Blood	Sumatra - Langkat	Wild bom	CNAG	100	39.8	39.8	119.3	<i>Pongo abelli</i>	<i>Pongo abelli</i>	SRP018689
Kiki	A948	F	Blood	Sumatra - Langkat	Wild bom	CNAG	100	34.1	34.1	102.3	<i>Pongo abelli</i>	<i>Pongo abelli</i>	SRP018689
Dunja	A949	F	Blood	Sumatra - North Aceh	Captive bom	CNAG	100	41.13	41.1	123.39	<i>Pongo abelli</i>	<i>Pongo abelli</i>	SRP018689
EBabu	A950	F	Blood	Sumatra - Langkat	Wild bom	CNAG	100	40.58	40.6	121.73	<i>Pongo abelli</i>	<i>Pongo abelli</i>	SRP018689
Buschell	A952	M	Blood	Sumatra - Langkat	Wild bom	CNAG	100	35.21	35.2	105.64	<i>Pongo abelli</i>	<i>Pongo abelli</i>	SRP018689
Norja	A939	F	Blood	Borneo - Sarawak	Captive bom	CNAG	100	32.6	32.6	97.9	<i>Pongo pygmaeus</i>	<i>Pongo pygmaeus</i>	SRP018689
Tenny	A940	F	Blood	Borneo - Central Kalimantan	Captive bom	CNAG	100	29.2	29.2	87.5	<i>Pongo pygmaeus</i>	<i>Pongo pygmaeus</i>	SRP018689
SariE	A941	F	Blood	Borneo - Central Kalimantan	Captive bom	CNAG	100	32.3	32.3	97	<i>Pongo pygmaeus</i>	<i>Pongo pygmaeus</i>	SRP018689
Tida	A943	F	Blood	Borneo - Central Kalimantan	Wild bom	CNAG	100	37.7	37.7	113.2	<i>Pongo pygmaeus</i>	<i>Pongo pygmaeus</i>	SRP018689
Napoleon	A944	M	Blood	Borneo - Central Kalimantan	Wild bom	CNAG	100	36.8	36.8	110.4	<i>Pongo pygmaeus</i>	<i>Pongo pygmaeus</i>	SRP018689
EastAfricanBantu	A401	Blood	Nairobi	CNAG							<i>Homo sapiens</i>	Africans	SRP052818
SouthAfricanBantu	A402	Blood	Cape Town	CNAG							<i>Homo sapiens</i>	Africans	SRP052818
San	A403	Blood	South Kgalagadi Park	CNAG							<i>Homo sapiens</i>	Hunter-gatherer Africans	SRP052818
WestAfricanBantu	A404	Blood	Lastoursville	CNAG							<i>Homo sapiens</i>	Africans	SRP052818
Baka	A405	Blood	Mimou	CNAG							<i>Homo sapiens</i>	Hunter-gatherer Africans	SRP052818
Saharawi	A406	Blood	Morocco; close to Algerian border Tindouf	CNAG							<i>Homo sapiens</i>	Africans	SRP052818
Libyan	A407	Blood	Tripoli	CNAG							<i>Homo sapiens</i>	Africans	SRP052818
Chad_North	A408	Blood	Zouar	CNAG							<i>Homo sapiens</i>	Africans	SRP052818
Chad_South	A409	Blood	Damtar	CNAG							<i>Homo sapiens</i>	Africans	SRP052818
Dai	HGDP01307	M	Lymphoblastoid	Washu	94x100	14.85	14.85	44.54			<i>Homo sapiens</i>	Non-Africans	SRP009145
French	HGDP00521	M	Lymphoblastoid	Washu	94x100	16.66	16.66	49.99			<i>Homo sapiens</i>	Non-Africans	SRP009145
Han	HGDP00778	M	Lymphoblastoid	Washu	94x100	16.56	16.56	49.67			<i>Homo sapiens</i>	Non-Africans	SRP009145
Karltana	HGDP00998	M	Lymphoblastoid	Washu	94x100	14.97	14.97	44.9			<i>Homo sapiens</i>	Non-Africans	SRP009145
Mandenka	HGDP01284	M	Lymphoblastoid	Washu	94x100	16.07	16.07	48.21			<i>Homo sapiens</i>	Africans	SRP009145
Mbuti	HGDP00456	M	Lymphoblastoid	Washu	94x100	14.39	14.39	43.16			<i>Homo sapiens</i>	Hunter-gatherer Africans	SRP009145
Papuan	HGDP00542	M	Lymphoblastoid	Washu	94x100	14.71	14.71	44.13			<i>Homo sapiens</i>	Non-Africans	SRP009145
San	HGDP01029	M	Lymphoblastoid	Washu	94x100	16.42	16.42	49.25			<i>Homo sapiens</i>	Hunter-gatherer Africans	SRP009145
Sandinian	HGDP00695	M	Lymphoblastoid	Washu	94x100	15.91	15.91	47.72			<i>Homo sapiens</i>	Non-Africans	SRP009145
Dinka	DNK02										<i>Homo sapiens</i>	Africans	SRP009145
Yoruba	HGDP00927										<i>Homo sapiens</i>	Africans	SRP009145
Dinka	DNK07										<i>Homo sapiens</i>	Africans	SRP009145
Yoruba	HGDP00936										<i>Homo sapiens</i>	Africans	SRP009145
Mbuti	HGDP00982										<i>Homo sapiens</i>	Hunter-gatherer Africans	SRP009145
San	HGDP01036										<i>Homo sapiens</i>	Hunter-gatherer Africans	SRP009145
Mandenka	HGDP01286										<i>Homo sapiens</i>	Africans	SRP009145
San	HGDP01286										<i>Homo sapiens</i>	Hunter-gatherer Africans	SRP009145
Yoruba	KB1										<i>Homo sapiens</i>	Hunter-gatherer Africans	SRP001703
Yoruba	NA18507		Ibadan - Nigeria								<i>Homo sapiens</i>	Africans	SRP001139

Supplementary table S5. Parameter values used in Tandem Repeat Finder to identify tandem repeats (see <http://tandem.bu.edu/trf/trf.unix.help.html> for more information)

Parameter	Value used
<i>Match</i> = matching weight	2
Mismatch = mismatching penalty	5
Delta = indel penalty	5
PM = match probability (whole number)	80
PI = indel probability (whole number)	10
Minscore = minimum alignment score to report	14
MaxPeriod = maximum period size to report	5

Parameter description:

Match, Mismatch, and Delta: Weights for match, mismatch and indels. These parameters are for Smith-Waterman style local alignment using wraparound dynamic programming. Lower weights allow alignments with more mismatches and indels. A match weight of 2 has proven effective with mismatch and indel penalties in the range of 3 to 7. Mismatch and indel weights are interpreted as negative numbers. A 3 is more permissive and a 7 less permissive. The recommended values for Match Mismatch and Delta are 2, 7, and 7 respectively.

PM and PI: Probabilistic data is available for PM values of 80 and 75 and PI values of 10 and 20. The best performance can be achieved with values of PM=80 and PI=10. Values of PM=75 and PI=20 give results which are very similar, but often require as much as ten times the processing time when compared with values of PM=80 and PI=10.

Minscore: The alignment of a tandem repeat must meet or exceed this alignment score to be reported. For example, if we set the matching weight to 2 and the minimum score to 50, assuming perfect alignment, we will need to align at least 25 characters to meet the minimum score (for example 5 copies with a period of size 5).

Maxperiod: Period size is the program's best guess at the pattern size of the tandem repeat. The program will find all repeats with period size between 1 and 2000, but the output can be limited to a smaller range.