

**Supplementary Table 1:** Sample-level CNV calls for 30 HapMap individuals, using all genome-wide perfect match probes.

#	Test Samp	Barcodes	Chr	ChrNum	(h StartBp (hg17)	EndBp (hg17)	SizeBp	NumOfProl	MeanLogR	Std Dev	OuterStart (hg17) <sup>1</sup>	InnerStart (hg17) <sup>2</sup>	InnerEnd (hg17) <sup>3</sup>	OuterEnd (hg17) <sup>1</sup>
1	NA18504	[2515685	chr1	1	11100	25706	14607	34	0.293573	0.024185	10927	11274	25566	25846
2	NA18504	[2515685	chr1	1	29401	76985	47585	55	0.70468	0.020033	27752	31050	76641	77329
3	NA18504	[2515685	chr1	1	401383	401535	153	2	0.787871	0.118756	401318	401448	401448	401622
4	NA18504	[2515685	chr1	1	601047	612159	11113	8	-1.046087	0.055555	587801	604315	610122	614196
5	NA18504	[2515685	chr1	1	667876	668028	153	2	0.787871	0.118756	667789	667963	667963	668093
6	NA18504	[2515685	chr1	1	1207651	1209799	2149	2	0.773487	0.122964	1207264	1208038	1208915	1210683
7	NA18504	[2515685	chr1	1	1649081	1715812	66732	85	-0.392174	0.01545	1597760	1652349	1715548	1716076
8	NA18504	[2515685	chr1	1	1853012	1854645	1634	2	1.517574	0.106275	1852616	1853409	1853816	1855474
9	NA18504	[2515685	chr1	1	5304270	5305267	998	20	0.265273	0.032792	5303963	5304578	5305148	5305386
10	NA18504	[2515685	chr1	1	10416438	10418311	1874	2	-0.836729	0.102373	10415863	10417014	10417712	10418917
11	NA18504	[2515685	chr1	1	12842868	12855470	12603	23	0.343655	0.029451	12842632	12843104	12855210	12855730
12	NA18504	[2515685	chr1	1	12884329	12886858	2530	4	0.558071	0.062315	12884224	12884434	12886536	12887180
13	NA18504	[2515685	chr1	1	12926542	12926956	415	2	-1.977967	0.153778	12926307	12926778	12926804	12927100
14	NA18504	[2515685	chr1	1	13069202	13074923	5722	4	-0.342437	0.065566	13015127	13072470	13074668	13075171
15	NA18504	[2515685	chr1	1	13086012	13092466	6455	4	-0.696823	0.06772	13085102	13086922	13092237	13092691
16	NA18504	[2515685	chr1	1	13159940	13162706	2767	4	0.577002	0.058444	13159618	13160263	13162366	13163304
17	NA18504	[2515685	chr1	1	13229863	13236232	6370	2	-0.617823	0.081819	13228358	13231368	13235848	13236610
18	NA18504	[2515685	chr1	1	13380737	13386788	6052	12	0.342053	0.034574	13380415	13381060	13386480	13387097
19	NA18504	[2515685	chr1	1	13451600	13457066	5467	2	-0.617823	0.081819	13451001	13452200	13456679	13457457
20	NA18504	[2515685	chr1	1	16522975	16524502	1528	2	-0.631673	0.102832	16522323	16523627	16524165	16524831
21	NA18504	[2515685	chr1	1	25352992	25409301	56310	58	0.324418	0.019147	25352754	25353230	25408840	25409767
22	NA18504	[2515685	chr1	1	25434181	25439981	5801	14	0.306762	0.038697	25433990	25434373	25438920	25441047
23	NA18504	[2515685	chr1	1	31403655	31405744	2090	2	0.49504	0.091501	31403378	31403933	31405227	31406267
24	NA18504	[2515685	chr1	1	75846084	75847143	1060	2	-0.729106	0.101408	75845788	75846380	75846935	75847357
25	NA18504	[2515685	chr1	1	89188689	89190762	2074	4	2.289334	0.127321	89188470	89188908	89190458	89191067
26	NA18504	[2515685	chr1	1	103848297	103853121	4825	5	0.323821	0.06429	103842566	103851565	103853023	103853217
27	NA18504	[2515685	chr1	1	103866317	103873304	6988	10	0.358309	0.047711	103865345	103867290	103873021	10387358
28	NA18504	[2515685	chr1	1	105728161	105735462	7302	8	-0.867498	0.059031	105727820	105728503	105734532	10573639
29	NA18504	[2515685	chr1	1	108444641	108449550	4910	9	0.83241	0.052066	108443817	108445466	108449224	108449877
30	NA18504	[2515685	chr1	1	108514938	108564958	50021	58	0.367773	0.019682	108514864	108515012	108564894	10856502
31	NA18504	[2515685	chr1	1	108638096	108688767	50672	60	0.36748	0.019175	108637939	108638254	108688693	10868884
32	NA18504	[2515685	chr1	1	112405902	112416691	10790	10	0.639245	0.050769	112405415	112406389	112416423	11241696
33	NA18504	[2515685	chr1	1	141918111	141918521	411	2	0.896076	0.090818	141917953	141918270	141918279	14191876
34	NA18504	[2515685	chr1	1	142744385	142745273	889	2	0.921365	0.11918	142743794	142744976	142745023	14274552
35	NA18504	[2515685	chr1	1	145046862	145047267	406	2	0.896073	0.090818	145046708	145047016	145047025	14504750
36	NA18504	[2515685	chr1	1	145819541	145821079	1539	2	0.869831	0.103419	145819262	145819821	145820633	14582152
37	NA18504	[2515685	chr1	1	145828366	145840436	12071	9	0.450591	0.050745	145827896	145828836	145840201	14584067
38	NA18504	[2515685	chr1	1	145855196	145860363	5168	5	0.578481	0.066121	145848112	145858464	145860127	14586059
39	NA18504	[2515685	chr1	1	145896002	145899638	3637	3	0.679546	0.093747	145894632	145897372	145899362	14589991
40	NA18504	[2515685	chr1	1	145930102	145951531	21430	25	0.481547	0.029311	145929732	145930472	145951467	14595159
41	NA18504	[2515685	chr1	1	146389143	146389545	403	2	0.896076	0.090818	146388901	146389385	146389393	14638969
42	NA18504	[2515685	chr1	1	146458878	146475780	16903	13	0.270221	0.036081	146457879	146459877	146473762	14647779
43	NA18504	[2515685	chr1	1	148998878	1490005918	7041	13	0.426055	0.035516	148998401	148999355	149004680	14900715
44	NA18504	[2515685	chr1	1	149368571	149399435	30865	22	0.85715	0.033977	149368105	149369038	149399080	14939979
45	NA18504	[2515685	chr1	1	158225480	158253277	27798	40	-0.277208	0.019137	158225276	158225685	158252398	15825415
46	NA18504	[2515685	chr1	1	158293934	158377436	83503	98	-0.589482	0.014788	158293643	158294226	158377203	15837767
47	NA18504	[2515685	chr1	1	192140730	192148335	7606	4	-3.452428	0.15753	192139191	192142269	192145067	19215249
48	NA18504	[2515685	chr1	1	203245415	203247868	2454	2	0.857326	0.118217	203245018	203245812	203247578	20324815
49	NA18504	[2515685	chr1	1	206859241	206951729	92489	3	0.435754	0.072097	206791904	206862509	206950476	20695298
50	NA18504	[2515685	chr1	1	233202665	233204956	2292	42	-0.431838	0.020247	233202312	233203018	233204364	23320554
51	NA18504	[2515685	chr1	1	233448873	233459427	10555	10	0.517182	0.045713	233445733	233452013	233458380	23346047
52	NA18504	[2515685	chr1	1	236719047	236720968	1922	3	-0.910455	0.088986	236718751	236719344	236720749	23672118
53	NA18504	[2515685	chr1	1	242722491	242725731	3241	2	-0.536488	0.09782	242721008	242723975	242725024	24272643

54 NA18504	[2515685 chr1	1	243009520	243011368	1849	3	-0.897692	0.088962	243008430	243010610	243011204	24301153
55 NA18504	[2515685 chr1	1	243065466	243068137	2672	4	-0.793748	0.080391	243065256	243065676	243067696	24306857
56 NA18504	[2515685 chr1	1	244850108	244851538	1431	2	0.949971	0.117083	244849536	244850681	244851004	24485207
57 NA18504	[2515685 chr1	1	244943351	244944075	725	2	0.582251	0.109359	244943115	244943587	244943712	24494443
58 NA18504	[2515685 chr1	1	244960293	244962187	1895	3	0.774721	0.095483	244959817	244960769	244961807	24496256
59 NA18504	[2515685 chr1	1	245053742	245055036	1295	2	-1.151452	0.145768	245053467	245054017	245054669	24505540
60 NA18504	[2515685 chr1	1	245063969	245121920	57952	56	-0.755674	0.020292	245063824	245064115	245121605	24512223
61 NA18504	[2515685 chr1	1	245126671	245127478	808	2	0.582251	0.109359	245126313	245127029	245127154	24512780
62 NA18504	[2515685 chr1	1	245192200	245200716	8517	8	-0.84183	0.057935	245191047	245193354	245200082	24520135
63 NA18504	[2515685 chr2	2	409864	411131	1268	11	0.313132	0.041974	409612	410116	411034	411225
64 NA18504	[2515685 chr2	2	6248930	6258838	9909	11	-0.962807	0.049532	6248417	6249444	6258311	6259366
65 NA18504	[2515685 chr2	2	34606442	34644767	38326	39	0.818346	0.026718	34601818	34609397	34641812	3464839
66 NA18504	[2515685 chr2	2	35896475	35905934	9460	3	-3.485646	0.162213	35879425	35899430	35902979	3590982
67 NA18504	[2515685 chr2	2	37869648	37911473	41826	43	-0.425887	0.023087	37869077	37870220	37911214	3791173
68 NA18504	[2515685 chr2	2	41150168	41161411	11244	13	-3.25101	0.079848	41149866	41150471	41160114	4116270
69 NA18504	[2515685 chr2	2	51421537	51422882	1346	2	0.624125	0.106426	51421334	51421741	51422648	5142311
70 NA18504	[2515685 chr2	2	56234741	56240262	5522	3	-0.839219	0.086538	56230559	56237696	56239959	5624056
71 NA18504	[2515685 chr2	2	58735266	58736833	1568	2	-0.51535	0.090742	58734865	58735667	58736407	5873725
72 NA18504	[2515685 chr2	2	61675589	61676777	1189	2	1.979669	0.167248	61675200	61675979	61676468	6167708
73 NA18504	[2515685 chr2	2	73922874	73948487	25614	41	-0.473271	0.018547	73922730	73923019	73948060	7394891
74 NA18504	[2515685 chr2	2	75296507	75298934	2428	2	1.194446	0.111972	75296056	75296959	75298532	7529933
75 NA18504	[2515685 chr2	2	87474786	87478765	3980	8	0.385747	0.050718	87474526	87475047	87478435	8747909
76 NA18504	[2515685 chr2	2	97184386	97189737	5352	2	-0.888922	0.104017	97182781	97185992	97186782	9719672
77 NA18504	[2515685 chr2	2	97613796	97614932	1137	2	1.790799	0.143998	97613553	97614040	97614467	9761539
78 NA18504	[2515685 chr2	2	97623328	97625124	1797	2	0.630627	0.115504	97622901	97623755	97624856	9762539
79 NA18504	[2515685 chr2	2	106339466	106344320	4855	6	-0.585109	0.069727	106339069	106339864	106344055	10634458
80 NA18504	[2515685 chr2	2	107475477	107477568	2092	2	-0.891678	0.132673	107474333	107476621	107477239	10747789
81 NA18504	[2515685 chr2	2	114051424	114063243	11820	28	0.317253	0.025947	114051285	114051564	114062770	11406371
82 NA18504	[2515685 chr2	2	115108324	115118866	10543	10	-0.856697	0.055853	115107995	115108654	115118291	11511944
83 NA18504	[2515685 chr2	2	126159437	126168349	8913	3	-3.097969	0.151294	126158494	126160381	126168048	12616865
84 NA18504	[2515685 chr2	2	129261115	129263267	2153	3	-0.474227	0.079996	129260775	129261456	129263086	12926344
85 NA18504	[2515685 chr2	2	129631388	129635040	3653	3	0.456723	0.087651	129631157	129631620	129634849	12963523
86 NA18504	[2515685 chr2	2	130265328	130274460	9133	13	-0.597418	0.043256	130264902	130265754	130273870	13027505
87 NA18504	[2515685 chr2	2	130407770	130483330	75561	86	-0.327713	0.015922	130407394	130408146	130483142	13048351
88 NA18504	[2515685 chr2	2	130498267	130502777	4511	10	-0.300477	0.044463	130497934	130498600	130502508	13050304
89 NA18504	[2515685 chr2	2	130885569	130895798	10230	17	-0.307282	0.034454	130885118	130886020	130893881	13089771
90 NA18504	[2515685 chr2	2	131472382	131480648	8267	9	-0.709512	0.057857	131471786	131472978	131478968	13148232
91 NA18504	[2515685 chr2	2	131765079	131784546	19468	30	-0.391322	0.026093	131749458	131768034	131783971	13178512
92 NA18504	[2515685 chr2	2	131853676	131871669	17994	33	-0.272203	0.02397	131853197	131854155	131869538	13187380
93 NA18504	[2515685 chr2	2	131897483	131907608	10126	14	-0.295392	0.038132	131895593	131899373	131907180	13190803
94 NA18504	[2515685 chr2	2	131919064	131953962	34899	46	-0.308703	0.022139	131918907	131919221	131953571	13195435
95 NA18504	[2515685 chr2	2	132127472	132131382	3911	2	-0.476467	0.083334	132127160	132127784	132128427	13213581
96 NA18504	[2515685 chr2	2	132146137	132182116	35980	26	-0.334597	0.029588	132145137	132147138	132181940	13218229
97 NA18504	[2515685 chr2	2	132230488	132323964	93477	118	-0.373995	0.013328	132230033	132230944	132323290	13232463
98 NA18504	[2515685 chr2	2	132332382	132340886	8505	6	-0.443464	0.059893	132331267	132333497	132340628	13234114
99 NA18504	[2515685 chr2	2	132846945	132868801	21857	13	0.439944	0.02823	132846760	132847131	132868624	13286897
100 NA18504	[2515685 chr2	2	132871605	132880027	8423	11	0.439944	0.02823	132871306	132871904	132879756	13288029
101 NA18504	[2515685 chr2	2	133013470	133014760	1291	2	-0.661632	0.120705	133013213	133013727	133014495	13301502
102 NA18504	[2515685 chr2	2	133114116	133140733	26618	19	0.491913	0.034196	133113550	133114682	133140153	13314131
103 NA18504	[2515685 chr2	2	146694143	146710744	16602	17	0.927943	0.04485	146688620	146697098	146710557	14671093
104 NA18504	[2515685 chr2	2	153495548	153499409	3862	2	0.942515	0.129888	153484545	153498503	153498846	15349997
105 NA18504	[2515685 chr2	2	153622711	153625256	2546	3	1.004672	0.095728	153621175	153624247	153625088	15362542
106 NA18504	[2515685 chr2	2	179342191	179354090	11900	16	-0.480099	0.036512	179341856	179342527	179353696	17935448
107 NA18504	[2515685 chr2	2	184427490	184430408	2919	6	-0.894311	0.077499	184427146	184427835	184430193	18443062
108 NA18504	[2515685 chr2	2	189394371	189406202	11832	9	-0.75739	0.056415	189393190	189395553	189403901	18940850

109 NA18504	[2515685 chr2	2	208176479	208184457	7979	7	0.913453	0.062865	208176093	208176865	208183930	20818498
110 NA18504	[2515685 chr2	2	228717927	228730812	12886	3	-0.676832	0.082576	228715615	228720239	228730139	22873148
111 NA18504	[2515685 chr2	2	232512469	232537143	24675	6	-0.809399	0.049696	232511142	232513796	232534243	23254004
112 NA18504	[2515685 chr2	2	242664580	242668683	4104	10	0.962352	0.039747	242664284	242664877	242668532	24266883
113 NA18504	[2515685 chr3	3	204650	209394	4745	4	0.959136	0.079181	202918	206383	209009	209775
114 NA18504	[2515685 chr3	3	1757211	1765710	8500	2	0.930037	0.123736	1756096	1758327	1762058	179730
115 NA18504	[2515685 chr3	3	16213841	16216543	2703	2	-0.986453	0.110511	16213419	16214264	16215641	1621744
116 NA18504	[2515685 chr3	3	24804494	24806662	2169	2	-0.60837	0.121236	24804250	24804739	24805762	2480756
117 NA18504	[2515685 chr3	3	76273103	76275925	2823	3	-0.697192	0.092523	76272721	76273485	76274835	7627701
118 NA18504	[2515685 chr3	3	107702626	107705435	2810	4	0.504264	0.081398	107702453	107702799	107704855	10770601
119 NA18504	[2515685 chr3	3	116139491	116150626	11136	12	-0.915604	0.047285	116137943	116141040	116146974	11615548
120 NA18504	[2515685 chr3	3	131270140	131276438	6299	3	-0.699686	0.11476	131269235	131271046	131272786	13128032
121 NA18504	[2515685 chr3	3	139287057	139289507	2451	2	1.335666	0.150987	139286041	139288073	139289200	13928981
122 NA18504	[2515685 chr3	3	149675194	149676627	1434	2	0.436996	0.086741	149675023	149675366	149676452	14967680
123 NA18504	[2515685 chr3	3	163994592	164106273	111682	104	3.215186	0.031914	163993392	163995793	164106029	16410651
124 NA18504	[2515685 chr3	3	164106273	164108502	2230	2	0.757084	0.121104	164106029	164106517	164108018	16410898
125 NA18504	[2515685 chr3	3	164200660	164205886	5227	5	-4.038676	0.192378	164200187	164201133	164204674	16420709
126 NA18504	[2515685 chr3	3	164228031	164230706	2676	4	0.429429	0.072257	164227023	164229039	164230311	16423110
127 NA18504	[2515685 chr3	3	174689845	174701796	11952	8	-0.685302	0.055048	174687213	174692478	174701514	17470207
128 NA18504	[2515685 chr3	3	176561952	176567506	5555	5	-0.928954	0.080806	176560250	176563654	176565991	17656902
129 NA18504	[2515685 chr3	3	187988801	187992508	3708	4	-0.591448	0.095015	187988581	187989021	187992275	18799274
130 NA18504	[2515685 chr3	3	190846156	190852181	6026	4	-5.193939	0.199595	190845504	190846809	190850598	19085376
131 NA18504	[2515685 chr3	3	191219813	191223326	3514	4	0.85361	0.083083	191219291	191220336	191222918	19122373
132 NA18504	[2515685 chr3	3	192547312	192554331	7020	10	0.942187	0.054274	192546950	192547674	192554127	19255453
133 NA18504	[2515685 chr3	3	194357854	194368035	10182	12	2.952983	0.085155	194357665	194358044	194367817	19436825
134 NA18504	[2515685 chr3	3	196767188	196879796	112609	21	-0.250384	0.030382	196766868	196767509	196879715	19687987
135 NA18504	[2515685 chr3	3	196879796	196967691	87896	95	-0.601115	0.015698	196879715	196879878	196967336	19696804
136 NA18504	[2515685 chr3	3	196991681	196993357	1677	7	-0.381872	0.062635	196991423	196991939	196993124	19699359
137 NA18504	[2515685 chr3	3	198422794	198427408	4615	2	1.022587	0.140917	198422381	198423207	198423959	19843085
138 NA18504	[2515685 chr3	3	198651295	198653980	2686	13	0.346621	0.038704	198651255	198651335	198653743	19865421
139 NA18504	[2515685 chr3	3	198674426	198675470	1045	6	-0.647699	0.051826	198674161	198674692	198674903	19867603
140 NA18504	[2515685 chr3	3	198823618	198882515	58898	66	-0.312037	0.017746	198823303	198823933	198882172	19888285
141 NA18504	[2515685 chr3	3	199313925	199321616	7692	16	-0.537547	0.033372	199313515	199314336	199321283	19932194
142 NA18504	[2515685 chr4	4	728045	731845	3801	2	0.603245	0.100831	727736	728355	731532	732155
143 NA18504	[2515685 chr4	4	3601701	3604272	2572	7	-0.313399	0.059115	3601014	3602388	3603866	3604675
144 NA18504	[2515685 chr4	4	3714193	3715251	1059	2	0.740063	0.116767	3713862	3714524	3714881	3715627
145 NA18504	[2515685 chr4	4	3906895	3909675	2781	3	-0.650841	0.09497	3906487	3907303	3909318	3910032
146 NA18504	[2515685 chr4	4	8998177	9046719	48543	87	1.258645	0.013123	8850774	9001243	9046129	9047305
147 NA18504	[2515685 chr4	4	9299469	9308037	8569	6	-0.620305	0.066149	9295439	9302535	9306599	9309476
148 NA18504	[2515685 chr4	4	9812346	9813108	763	33	0.427601	0.020142	9812284	9812408	9812952	9813265
149 NA18504	[2515685 chr4	4	15398208	15400310	2103	2	-0.500674	0.089687	15397612	15398805	15399770	15400857
150 NA18504	[2515685 chr4	4	21045633	21053532	7900	8	-0.872906	0.05629	21045231	21046035	21053115	21053951
151 NA18504	[2515685 chr4	4	26120120	26130599	10480	6	-0.72805	0.064415	26118533	26121707	26130148	26131057
152 NA18504	[2515685 chr4	4	34174420	34175437	1018	2	-0.752685	0.116618	34174211	34174630	34175229	34175641
153 NA18504	[2515685 chr4	4	34602797	34650994	48198	44	0.838369	0.024179	34601994	34603600	34649535	3465245
154 NA18504	[2515685 chr4	4	40436102	40438263	2162	3	-0.445139	0.076241	40435850	40436354	40438033	4043849
155 NA18504	[2515685 chr4	4	42543240	42546856	3617	2	0.593906	0.098523	42538590	42546306	42546636	42547071
156 NA18504	[2515685 chr4	4	49119758	49361409	241652	282	0.337157	0.007925	49117775	49121741	49359431	4936338
157 NA18504	[2515685 chr4	4	57377032	57379666	2635	2	-0.759031	0.118144	57375792	57378273	57379248	5738008
158 NA18504	[2515685 chr4	4	61071090	61072115	1026	2	0.660774	0.116484	61070883	61071298	61071891	6107233
159 NA18504	[2515685 chr4	4	61688035	61689491	1457	2	1.023895	0.138484	61687730	61688341	61689282	6168970
160 NA18504	[2515685 chr4	4	69202095	69203228	1134	2	0.602003	0.116278	69201955	69202236	69202934	6920352
161 NA18504	[2515685 chr4	4	69203228	69319814	116587	70	1.225351	0.024077	69202934	69203523	69319569	6932005
162 NA18504	[2515685 chr4	4	69319814	69365270	45457	44	0.344797	0.019114	69319569	69320059	69365129	6936541
163 NA18504	[2515685 chr4	4	69671789	69717280	45492	53	0.291043	0.018002	69671604	69671975	69717139	6971742

164 NA18504	[2515685 chr4	4	70288567	70289900	1334	3	-0.535879	0.085569	70288305	70288829	70289725	7029007!
165 NA18504	[2515685 chr4	4	70305190	70324924	19735	18	-0.566371	0.015394	70304868	70305512	70324680	7032516!
166 NA18504	[2515685 chr4	4	70327726	70416062	88337	88	-0.566371	0.015394	70327333	70328119	70415760	7041636!
167 NA18504	[2515685 chr4	4	103100636	103102684	2049	2	0.453222	0.08868	103100355	103100918	103101957	1031034!
168 NA18504	[2515685 chr4	4	115534210	115541546	7337	9	-3.513349	0.109119	115530015	115537276	115539984	11554310
169 NA18504	[2515685 chr4	4	115865203	115869481	4279	3	-0.789424	0.098723	115864913	115865494	115866415	11587556
170 NA18504	[2515685 chr4	4	132848421	132851466	3046	4	-0.774656	0.080395	132847980	132848862	132851018	13285191
171 NA18504	[2515685 chr4	4	133027290	133038452	11163	7	0.353808	0.043734	133027146	133027435	133037357	13303954
172 NA18504	[2515685 chr4	4	138537751	138549906	12156	14	1.034515	0.045904	138537443	138538059	138547414	13855239
173 NA18504	[2515685 chr4	4	142588136	142590500	2365	4	-0.730719	0.079353	142587774	142588498	142590303	14259069
174 NA18504	[2515685 chr4	4	162237272	162242562	5291	8	1.069332	0.055217	162236487	162238058	162242381	16224274
175 NA18504	[2515685 chr4	4	162806038	162809269	3232	3	0.943666	0.084132	162804872	162807204	162808734	16280980
176 NA18504	[2515685 chr4	4	169184442	169368370	183929	162	0.865896	0.012327	169184090	169184794	169366713	16937002
177 NA18504	[2515685 chr4	4	172750241	172755216	4976	2	0.903811	0.123873	172748887	172751596	172753256	17275717
178 NA18504	[2515685 chr4	4	185532106	185534552	2447	3	0.70306	0.096384	185531516	185532696	185534150	18553495
179 NA18504	[2515685 chr4	4	185535274	185544849	9576	9	1.028386	0.053358	185534955	185535593	185543276	18554642
180 NA18504	[2515685 chr4	4	186816666	186819359	2694	4	5.374594	0.211981	186816420	186816912	186819049	18681967
181 NA18504	[2515685 chr4	4	187728494	187732907	4414	15	2.206016	0.054721	187728193	187728795	187732541	18773327
182 NA18504	[2515685 chr4	4	188255523	188269680	14158	235	1.094406	0.009529	188255215	188255831	188269403	18826995
183 NA18504	[2515685 chr4	4	190528602	190533163	4562	21	-3.450347	0.055778	190528058	190529146	190531664	19053466
184 NA18504	[2515685 chr4	4	190767346	190773178	5833	5	-0.76742	0.072044	190765430	190769263	190772764	19077359
185 NA18504	[2515685 chr5	5	318840	321498	2659	3	-0.667682	0.089079	3184400	319280	321104	321895
186 NA18504	[2515685 chr5	5	743980	799580	55601	35	0.427666	0.012078	743336	744625	799346	799814
187 NA18504	[2515685 chr5	5	805635	892859	87225	84	0.427666	0.012078	805274	805997	892653	893066
188 NA18504	[2515685 chr5	5	896567	901723	5157	8	0.427666	0.012078	896470	896664	901319	902127
189 NA18504	[2515685 chr5	5	1075284	1079920	4637	24	0.742724	0.027585	1074709	1075859	1079566	108027!
190 NA18504	[2515685 chr5	5	1223248	1223930	683	5	0.823426	0.055347	1223057	1223439	1223854	122400!
191 NA18504	[2515685 chr5	5	1624425	1686131	61707	21	-0.258757	0.032044	1597428	1627616	1685890	168637!
192 NA18504	[2515685 chr5	5	17515674	17525104	9431	7	-0.678637	0.057208	17510191	17518865	17523994	1752621!
193 NA18504	[2515685 chr5	5	17570617	17643104	72488	331	0.254272	0.006915	17570551	17570684	17642455	1764375!
194 NA18504	[2515685 chr5	5	17664339	17667407	3069	7	0.311374	0.050474	17663984	17664695	17667174	1766764!
195 NA18504	[2515685 chr5	5	19410747	19412172	1426	3	0.870737	0.087517	19410189	19411305	19411980	1941236!
196 NA18504	[2515685 chr5	5	21411784	21413344	1561	2	-0.865702	0.136938	21410898	21412670	21413061	2141362!
197 NA18504	[2515685 chr5	5	21483394	21488147	4754	4	-0.838645	0.073165	21480817	21485972	21487855	2148843!
198 NA18504	[2515685 chr5	5	21870268	21873278	3011	3	-0.895706	0.106096	21869771	21870766	21872820	2187373!
199 NA18504	[2515685 chr5	5	34243738	34244789	1052	3	0.373018	0.071054	34243371	34244105	34244564	3424501!
200 NA18504	[2515685 chr5	5	68865200	68890040	24841	56	0.520345	0.011544	68864770	68865630	68889779	6889030!
201 NA18504	[2515685 chr5	5	68891974	68946635	54662	89	0.520345	0.011544	68891826	68892123	68946473	6894679!
202 NA18504	[2515685 chr5	5	69043023	69175404	132382	324	0.251547	0.006888	69043005	69043042	69175386	6917542!
203 NA18504	[2515685 chr5	5	69403829	69411352	7524	7	0.340647	0.023521	69403501	69404157	69410702	6941200!
204 NA18504	[2515685 chr5	5	69426208	69433946	7739	14	0.340647	0.023521	69425915	69426501	69433170	6943472!
205 NA18504	[2515685 chr5	5	69622755	69805874	183120	379	0.282606	0.006652	69622737	69622774	69805774	6980597!
206 NA18504	[2515685 chr5	5	69936077	69936883	807	3	0.602725	0.079939	69936001	69936153	69936770	6993699!
207 NA18504	[2515685 chr5	5	70280260	70286789	6530	6	0.530967	0.050179	70279582	70280938	70286122	7028745!
208 NA18504	[2515685 chr5	5	70303574	70309397	5824	10	0.541104	0.038608	70303355	70303794	70308614	7031018!
209 NA18504	[2515685 chr5	5	70334592	70340791	6200	13	0.324662	0.036656	70334491	70334694	70340046	7034153!
210 NA18504	[2515685 chr5	5	70340791	70346521	5731	7	-0.798857	0.064039	70340046	70341537	70346074	7034696!
211 NA18504	[2515685 chr5	5	70346521	70426554	80034	138	0.540264	0.012139	70346074	70346969	70425419	7042768!
212 NA18504	[2515685 chr5	5	81459214	81466054	6841	2	-1.421322	0.123386	81455614	81462405	81462863	8147028!
213 NA18504	[2515685 chr5	5	97427204	97428353	1150	2	0.983952	0.117444	97426913	97427496	97428177	9742852!
214 NA18504	[2515685 chr5	5	99408801	99419037	10237	14	-0.488732	0.03975	99408605	99408997	99418328	9941974!
215 NA18504	[2515685 chr5	5	109880391	109881914	1524	2	0.878073	0.116095	109879999	109880783	109881640	10988218
216 NA18504	[2515685 chr5	5	122649189	122651412	2224	3	0.562677	0.089088	122648933	122649446	122650032	12265279
217 NA18504	[2515685 chr5	5	137835848	137837438	1591	2	0.851787	0.116774	137835611	137836085	137836512	13783836
218 NA18504	[2515685 chr5	5	137838768	137844134	5367	4	0.829227	0.083271	137838364	137839173	137843310	13784495

219 NA18504	[2515685 chr5	5	140203081	140218928	15848	20	2.136587	0.053175	140202344	140203819	140218508	14021934
220 NA18504	[2515685 chr5	5	150183322	150203801	20480	11	-0.688118	0.047614	150181427	150185218	150203451	15020415
221 NA18504	[2515685 chr5	5	171469627	171474726	5100	7	-0.259391	0.050249	171469426	171469828	171474434	17147501
222 NA18504	[2515685 chr5	5	171486025	171487210	1186	2	-0.498682	0.093872	171485650	171486401	171486955	17148746
223 NA18504	[2515685 chr5	5	175278638	175283031	4394	4	-0.413452	0.062368	175278310	175278967	175281697	17528436
224 NA18504	[2515685 chr5	5	178994494	178994971	478	2	-0.609809	0.093926	178994223	178994766	178994768	17899517
225 NA18504	[2515685 chr5	5	179016786	179017263	478	2	-0.609808	0.093926	179016582	179016990	179016992	17901753
226 NA18504	[2515685 chr5	5	180309236	180363417	54182	53	0.58391	0.020932	180309103	180309370	180363120	18036371
227 NA18504	[2515685 chr6	6	3163	21917	18755	7	0.608953	0.054873	1	6325	21741	22093
228 NA18504	[2515685 chr6	6	57835	57987	153	2	0.787871	0.118756	57748	57922	57922	58052
229 NA18504	[2515685 chr6	6	201823	324395	122573	125	0.349654	0.013147	201415	202232	323926	324865
230 NA18504	[2515685 chr6	6	26847749	26850078	2330	2	0.680308	0.112626	26846249	26849250	26849750	2685040
231 NA18504	[2515685 chr6	6	26990378	26991069	692	2	0.490655	0.094727	26989956	26990800	26990902	26991231
232 NA18504	[2515685 chr6	6	29958572	30011802	53231	50	0.401209	0.022641	29957670	29959474	30011083	3001252
233 NA18504	[2515685 chr6	6	31387065	31419859	32795	16	-0.769922	0.041522	31386395	31387736	31418034	3142168
234 NA18504	[2515685 chr6	6	32557476	32558865	1390	3	0.611371	0.09405	32557305	32557647	32558698	3255903
235 NA18504	[2515685 chr6	6	32589957	32591244	1288	2	-0.964723	0.146391	32589338	32590576	32591086	3259140
236 NA18504	[2515685 chr6	6	32596109	32604629	8521	12	-0.335916	0.05808	32595932	32596286	32604335	3260492
237 NA18504	[2515685 chr6	6	32605125	32605958	834	2	-1.3353	0.133168	32604923	32605328	32605760	3260615
238 NA18504	[2515685 chr6	6	32605958	32617049	11092	7	-0.304128	0.053439	32605760	32606156	32613543	3262657
239 NA18504	[2515685 chr6	6	32630637	32631716	1080	2	1.860248	0.196345	32630364	32630911	32631343	3263208
240 NA18504	[2515685 chr6	6	32632349	32633889	1541	3	2.414125	0.022837	32632089	32632610	32633714	32633406
241 NA18504	[2515685 chr6	6	32646910	32650756	3847	2	1.061501	0.144229	32645703	32648118	32650365	3265114
242 NA18504	[2515685 chr6	6	32650756	32652938	2183	2	4.18188	0.375809	32650365	32651147	32652689	3265318
243 NA18504	[2515685 chr6	6	32653862	32655482	1621	3	1.38914	0.148568	32653679	32654046	32654980	3265598
244 NA18504	[2515685 chr6	6	32658787	32659901	1115	2	2.630116	0.178077	32658616	32658959	32659691	3266011
245 NA18504	[2515685 chr6	6	32672888	32680751	7864	7	0.620856	0.061612	32672612	32673164	32680547	3268095
246 NA18504	[2515685 chr6	6	32702716	32705737	3022	3	-1.406627	0.086372	32702285	32703148	32704019	3270745
247 NA18504	[2515685 chr6	6	32712337	32762917	50581	48	0.424453	0.024387	32712193	32712482	32762733	3276310
248 NA18504	[2515685 chr6	6	32801824	32808170	6347	7	0.32607	0.05819	32801628	32802021	32807533	3280880
249 NA18504	[2515685 chr6	6	35862833	35879904	17072	16	0.405906	0.037241	35862530	35863136	35879292	3588051
250 NA18504	[2515685 chr6	6	47426244	47427505	1262	2	0.668556	0.103166	47425978	47426511	47427046	4742796
251 NA18504	[2515685 chr6	6	54036900	54042384	5485	5	4.781153	0.194143	54036573	54037227	54041771	5404299
252 NA18504	[2515685 chr6	6	58296313	58298932	2620	4	-0.421024	0.081371	58296123	58296504	58298725	5829914
253 NA18504	[2515685 chr6	6	77495034	77500423	5390	8	0.943146	0.06638	77493568	77496500	77500200	7750064
254 NA18504	[2515685 chr6	6	93631413	93637196	5784	6	-0.911715	0.069236	93630862	93631964	93635493	9363889
255 NA18504	[2515685 chr6	6	102041093	102046055	4963	6	-0.879205	0.075031	102040642	102041544	102045198	10204691
256 NA18504	[2515685 chr6	6	103844685	103871201	26517	16	3.18262	0.083081	103844347	103845023	103868241	10387416
257 NA18504	[2515685 chr6	6	115422387	115424321	1935	2	-1.229755	0.173483	115421781	115422994	115423780	11542486
258 NA18504	[2515685 chr6	6	115446833	115450846	4014	3	-0.566727	0.091787	115446601	115447066	115450464	11545122
259 NA18504	[2515685 chr6	6	120671191	120671916	726	2	1.280267	0.116377	120670696	120671686	120671725	12067210
260 NA18504	[2515685 chr6	6	147975767	147979407	3641	3	-0.477737	0.087271	147975390	147976145	147978550	14798026
261 NA18504	[2515685 chr6	6	167513600	167514710	1111	2	-1.014202	0.136181	167513351	167513850	167514379	16751504
262 NA18504	[2515685 chr6	6	167769371	167777997	8627	17	0.256247	0.036373	167768857	167769886	167777289	16777870
263 NA18504	[2515685 chr6	6	168453011	168456762	3752	3	0.484231	0.079762	168452611	168453411	168456200	16845732
264 NA18504	[2515685 chr6	6	168780035	168781989	1955	4	-0.466974	0.072392	168779504	168780567	168781555	16878242
265 NA18504	[2515685 chr6	6	169340171	169347270	7100	30	1.20531	0.027516	169335703	169343677	169347209	16934733
266 NA18504	[2515685 chr6	6	170570108	170571491	1384	8	-0.547165	0.057817	170569621	170570596	170571251	17057173
267 NA18504	[2515685 chr6	6	170603879	170604666	788	2	-1.379708	0.108183	170603541	170604217	170604339	17060499
268 NA18504	[2515685 chr6	6	170625506	170627028	1523	3	1.926016	0.124305	170625015	170625997	170626579	17062747
269 NA18504	[2515685 chr6	6	170682344	170694780	12437	31	-0.275099	0.025333	170682021	170682667	170694493	17069506
270 NA18504	[2515685 chr6	6	170860192	170860344	153	2	0.787871	0.118756	170860127	170860257	170860257	17086043
271 NA18504	[2515685 chr7	7	1295972	1304843	8872	12	-0.258062	0.041399	1295674	1296270	1304174	130551
272 NA18504	[2515685 chr7	7	3384111	3392457	8347	8	0.930488	0.057461	3383451	3384772	3390107	339561
273 NA18504	[2515685 chr7	7	29487549	29491761	4213	3	0.406858	0.075387	29487074	29488025	29491107	2949241

274 NA18504	[2515685 chr7	7	37647977	37657849	9873	2	-0.528812	0.08536	37646226	37649728	37655499	37719607
275 NA18504	[2515685 chr7	7	38153374	38178711	25338	29	-0.317456	0.025937	38153096	38153653	38177987	38179431
276 NA18504	[2515685 chr7	7	43775620	43789873	14254	17	0.397237	0.03339	43775434	43775807	43789550	43790191
277 NA18504	[2515685 chr7	7	56415683	56544240	128558	4	-0.648569	0.07217	56286086	56418033	56542365	56546111
278 NA18504	[2515685 chr7	7	57509632	57525746	16115	18	-0.263676	0.035343	57509390	57509874	57524898	57526597
279 NA18504	[2515685 chr7	7	62254472	62255088	617	4	0.766195	0.075228	62254309	62254635	62254924	62255525
280 NA18504	[2515685 chr7	7	62272634	62273692	1059	2	0.49068	0.090038	62272495	62272773	62272898	62274481
281 NA18504	[2515685 chr7	7	62302079	62302696	618	4	0.766201	0.075229	62301915	62302243	62302533	62302851
282 NA18504	[2515685 chr7	7	62670912	62684829	13918	4	-0.429706	0.07364	62667763	62673262	62684608	62685051
283 NA18504	[2515685 chr7	7	64028465	64046357	17893	49	-0.255909	0.02021	64027806	64029125	64046143	64046571
284 NA18504	[2515685 chr7	7	64053836	64079765	25930	40	-0.334447	0.020464	64053642	64054030	64078845	64080681
285 NA18504	[2515685 chr7	7	64429730	64455257	25528	39	-0.340654	0.020762	64428756	64430705	64454989	64455521
286 NA18504	[2515685 chr7	7	64463334	64481591	18258	47	-0.272202	0.020612	64462999	64463669	64481417	64481761
287 NA18504	[2515685 chr7	7	64538610	64590991	52382	109	-0.25657	0.012787	64537873	64539348	64590084	64591891
288 NA18504	[2515685 chr7	7	64690171	64725545	35375	39	0.426948	0.022765	64689761	64690582	64725209	64725881
289 NA18504	[2515685 chr7	7	69866390	69869623	3234	4	0.937171	0.083142	69865412	69867368	69869269	69869971
290 NA18504	[2515685 chr7	7	69869623	69871056	1434	2	3.939337	0.195427	69869269	69869978	69870420	69871691
291 NA18504	[2515685 chr7	7	71858493	71859326	834	2	-0.508164	0.08461	71858284	71858703	71858719	71859931
292 NA18504	[2515685 chr7	7	72014016	72014871	856	3	0.465859	0.070895	72013991	72014042	72014598	72015141
293 NA18504	[2515685 chr7	7	72156868	72160163	3296	7	-0.344912	0.051297	72156657	72157079	72160033	72160291
294 NA18504	[2515685 chr7	7	73823778	73824413	636	3	0.45847	0.075806	73823755	73823801	73824363	73824461
295 NA18504	[2515685 chr7	7	73917034	73918196	1163	2	0.671517	0.097813	73917029	73917040	73917270	73919121
296 NA18504	[2515685 chr7	7	74096901	74097754	854	3	0.465861	0.070895	74096630	74097173	74097729	74097781
297 NA18504	[2515685 chr7	7	74417518	74418680	1163	2	0.671516	0.097813	74416593	74418444	74418675	74418681
298 NA18504	[2515685 chr7	7	74510928	74511943	1016	4	0.442966	0.064617	74510847	74511009	74511918	74511961
299 NA18504	[2515685 chr7	7	74695370	74696139	770	3	-0.490569	0.074888	74695306	74695434	74695977	74696301
300 NA18504	[2515685 chr7	7	75790452	75792073	1622	2	-0.784888	0.114647	75790248	75790656	75791881	75792261
301 NA18504	[2515685 chr7	7	92971481	92976895	5415	4	0.714881	0.085327	92971060	92971903	92975569	92978221
302 NA18504	[2515685 chr7	7	97038347	97047344	8998	16	-0.700446	0.040166	97032531	97040697	97046973	97047711
303 NA18504	[2515685 chr7	7	99513362	99513912	551	2	0.476078	0.089705	99513133	99513592	99513623	99514201
304 NA18504	[2515685 chr7	7	100202927	100203955	1029	2	0.621827	0.11013	100202569	100203285	100203714	10020419
305 NA18504	[2515685 chr7	7	101718078	101771242	53165	66	0.253288	0.007235	101717515	101718641	101770895	10177159
306 NA18504	[2515685 chr7	7	101778283	101870581	92299	131	0.253288	0.007235	101777850	101778717	101870234	10187092
307 NA18504	[2515685 chr7	7	101877614	101926673	49060	82	0.253288	0.007235	101877186	101878042	101926197	10192715
308 NA18504	[2515685 chr7	7	109034784	109048749	13966	10	2.416538	0.074035	109024063	109037134	109046953	10905054
309 NA18504	[2515685 chr7	7	125639507	125644775	5269	6	-3.187794	0.129369	125639054	125639961	125644046	12564550
310 NA18504	[2515685 chr7	7	126369902	126375181	5280	6	-0.798618	0.062518	126369503	126370302	126374771	12637559
311 NA18504	[2515685 chr7	7	141496492	141505136	8645	11	-0.457139	0.042329	141495918	141497066	141504428	14150584
312 NA18504	[2515685 chr7	7	141505136	141521152	16017	19	-1.689294	0.050444	141504428	141505844	141520892	14152141
313 NA18504	[2515685 chr7	7	141521152	141526577	5426	9	-0.447505	0.045548	141520892	141521412	141526109	14152704
314 NA18504	[2515685 chr7	7	149285428	149287696	2269	3	0.543752	0.082138	149285181	149285676	149286346	14928904
315 NA18504	[2515685 chr7	7	150109597	150116705	7109	2	0.658861	0.108509	150109015	150110179	150114749	15011866
316 NA18504	[2515685 chr7	7	152948945	152951306	2362	3	0.438684	0.080807	152947501	152950389	152951051	15295156
317 NA18504	[2515685 chr7	7	156976112	156978464	2353	2	1.028007	0.103591	156975812	156976413	156977896	15697903
318 NA18504	[2515685 chr7	7	157023614	157027930	4317	7	0.293687	0.05448	157023242	157023987	157027451	15702840
319 NA18504	[2515685 chr7	7	158617060	158624378	7319	6	0.905595	0.06721	158616763	158617357	158622028	15862672
320 NA18504	[2515685 chr8	8	1328256	1343509	15254	45	-0.303555	0.019655	1327688	1328824	1342795	1344224
321 NA18504	[2515685 chr8	8	1394513	1413095	18583	19	-0.272803	0.035587	1393955	1395072	1412598	1413592
322 NA18504	[2515685 chr8	8	2238729	2253798	15070	10	-0.721947	0.054758	2233839	2241488	2251039	2257521
323 NA18504	[2515685 chr8	8	3885315	3887416	2102	2	0.644198	0.106075	3885089	3885542	3886275	3888551
324 NA18504	[2515685 chr8	8	4110204	4112526	2323	2	4.137692	0.249362	4109692	4110717	4112031	4113022
325 NA18504	[2515685 chr8	8	4150278	4152420	2143	3	-0.475936	0.076619	4149769	4150787	4152120	4152721
326 NA18504	[2515685 chr8	8	4985590	4989130	3541	4	0.40454	0.075539	4985107	4986074	4988850	4989411
327 NA18504	[2515685 chr8	8	5582875	5594011	11137	9	0.830761	0.049463	5582615	5583135	5592820	5595203
328 NA18504	[2515685 chr8	8	5951254	6006061	54808	4	0.604375	0.076918	5949893	5952616	6003726	6008391

329 NA18504	[2515685 chr8	8	7094852	7305224	210373	466	0.318347	0.003273	7092427	7097278	7304208	7306247
330 NA18504	[2515685 chr8	8	7309865	7430731	120867	296	0.318347	0.003273	7309574	7310156	7430300	7431162
331 NA18504	[2515685 chr8	8	7607253	7741546	134294	409	0.318347	0.003273	7606824	7607682	7741254	7741838
332 NA18504	[2515685 chr8	8	7746187	7928723	182537	367	0.318347	0.003273	7745171	7747203	7928292	7929154
333 NA18504	[2515685 chr8	8	12003756	12007578	3823	11	0.435678	0.038135	12003579	12003933	12007418	12007731
334 NA18504	[2515685 chr8	8	12023134	12035286	12153	33	1.099422	0.028578	12022997	12023272	12034973	12035591
335 NA18504	[2515685 chr8	8	12064826	12072445	7620	25	0.440213	0.025729	12064663	12064989	12072267	12072621
336 NA18504	[2515685 chr8	8	12275692	12284041	8350	16	0.972911	0.037605	12275477	12275908	12283622	12284466
337 NA18504	[2515685 chr8	8	12314107	12320979	6873	20	0.419494	0.028393	12313944	12314270	12320895	12321061
338 NA18504	[2515685 chr8	8	13659264	13695343	36080	30	-0.778726	0.033067	13658432	13660096	13694817	13695861
339 NA18504	[2515685 chr8	8	16245461	16251509	6049	6	-0.940616	0.071899	16245129	16245794	16250812	16252201
340 NA18504	[2515685 chr8	8	17671955	17674609	2655	4	0.432957	0.073413	17671619	17672291	17674338	17674488
341 NA18504	[2515685 chr8	8	20022286	20024771	2486	2	-1.227489	0.133296	20021082	20023491	20024338	20025201
342 NA18504	[2515685 chr8	8	21832667	21833967	1301	2	0.872775	0.107262	21832108	21833227	21833678	21834251
343 NA18504	[2515685 chr8	8	32799586	32810890	11305	13	2.495186	0.087318	32799314	32799859	32810654	32811121
344 NA18504	[2515685 chr8	8	39351178	39506673	155496	162	0.812495	0.013548	39350826	39351530	39505284	39508061
345 NA18504	[2515685 chr8	8	39716664	39716976	313	2	-0.503414	0.098998	39716554	39716775	39716857	39717091
346 NA18504	[2515685 chr8	8	49081430	49084499	3070	2	1.088457	0.118108	49079497	49083364	49084089	49084911
347 NA18504	[2515685 chr8	8	51248316	51249286	971	2	1.00592	0.151546	51248117	51248516	51248890	51249681
348 NA18504	[2515685 chr8	8	54001807	54003115	1309	3	-0.7237	0.113995	54001673	54001942	54002885	54003341
349 NA18504	[2515685 chr8	8	54127460	54156416	28957	21	-0.800218	0.035869	54112932	541130219	54154334	54158491
350 NA18504	[2515685 chr8	8	58278355	58287850	9496	8	1.054694	0.049621	58277116	58279595	58287616	58288081
351 NA18504	[2515685 chr8	8	86742169	86910255	168087	99	0.622056	0.012615	86741757	86742581	86910002	86910501
352 NA18504	[2515685 chr8	8	87020698	87022896	2199	3	-0.56328	0.089201	87020363	87021033	87022032	87023761
353 NA18504	[2515685 chr8	8	120089066	120093851	4786	3	-0.83122	0.098567	120088183	120089950	120091092	120098731
354 NA18504	[2515685 chr8	8	120222655	120229952	7298	6	0.882894	0.070398	120218251	120225414	120229434	120230471
355 NA18504	[2515685 chr8	8	137764285	137777276	12992	13	-0.891878	0.047911	137763097	137765474	137774517	137782251
356 NA18504	[2515685 chr8	8	142071432	142076235	4804	6	0.580681	0.064781	142070908	142071957	142073476	142110861
357 NA18504	[2515685 chr9	9	14037	25626	11590	27	0.318765	0.026952	13485	14589	25486	25766
358 NA18504	[2515685 chr9	9	632102	637922	5821	7	-0.849687	0.059799	631710	632495	637447	638398
359 NA18504	[2515685 chr9	9	28829210	28837137	7928	9	-0.832167	0.056246	28827815	28830605	28836613	28837661
360 NA18504	[2515685 chr9	9	40256984	40273449	16466	34	-0.361673	0.02682	40256514	40257455	40271087	40276961
361 NA18504	[2515685 chr9	9	42639862	42643779	3918	8	-0.264589	0.045289	42639537	42640187	42643538	42644021
362 NA18504	[2515685 chr9	9	42754727	42756705	1979	3	-0.386677	0.073566	42754385	42755070	42755767	42757641
363 NA18504	[2515685 chr9	9	42875403	42877381	1979	3	-0.386677	0.073566	42875061	42875746	42876443	42878321
364 NA18504	[2515685 chr9	9	43182772	43195894	13123	25	-0.380408	0.030381	43179223	43185134	43195641	43196141
365 NA18504	[2515685 chr9	9	43714906	43718811	3906	7	-0.27149	0.047147	43714582	43715231	43718570	43719051
366 NA18504	[2515685 chr9	9	43808781	43814560	5780	11	0.256715	0.045627	43808388	43809175	43814465	43814651
367 NA18504	[2515685 chr9	9	44153357	44153558	202	2	-0.666676	0.102231	44153348	44153366	44153395	44153721
368 NA18504	[2515685 chr9	9	65309543	65309744	202	2	-0.66668	0.102231	65309534	65309552	65309581	65309901
369 NA18504	[2515685 chr9	9	66230851	66231052	202	2	-0.666676	0.102231	66230842	66230860	66230889	66231211
370 NA18504	[2515685 chr9	9	68200977	68201915	939	2	0.525625	0.093745	68200578	68201376	68201730	68202101
371 NA18504	[2515685 chr9	9	76711985	76713397	1413	2	-0.997174	0.127661	76711430	76712541	76713170	76713621
372 NA18504	[2515685 chr9	9	76785489	76787598	2110	2	-0.790583	0.111769	76785038	76785941	76787269	76787921
373 NA18504	[2515685 chr9	9	89413828	89422752	8925	7	0.333246	0.066489	89413332	89414325	89421346	89424151
374 NA18504	[2515685 chr9	9	101788812	101790936	2125	2	-0.722838	0.128137	101788588	101789037	101789706	101792161
375 NA18504	[2515685 chr9	9	112902065	112930027	27963	39	0.531173	0.019814	112901557	112902574	112929804	112930251
376 NA18504	[2515685 chr9	9	126050649	126054935	4287	4	-0.947809	0.081571	126050359	126050940	126052573	126059121
377 NA18504	[2515685 chr9	9	138188003	138189923	1921	45	0.478892	0.020708	138187808	138188198	138189840	138190001
378 NA18504	[2515685 chr10	10	6693908	6703893	9986	8	0.770153	0.059052	6692231	6695585	6703779	67040081
379 NA18504	[2515685 chr10	10	27615734	27714965	99232	2	-0.665155	0.087904	27544493	27618481	27712218	27868411
380 NA18504	[2515685 chr10	10	37487278	37529195	41918	64	-0.550405	0.016063	37486985	37487572	37528890	37529501
381 NA18504	[2515685 chr10	10	42564252	42565662	1411	4	-0.61659	0.073305	42563949	42564556	42565423	42565901
382 NA18504	[2515685 chr10	10	45494243	45519433	25191	62	-0.25992	0.016024	45494187	45494299	45518088	45520771
383 NA18504	[2515685 chr10	10	46097898	48936140	2838243	3966	-0.283195	0.002115	46097600	46098197	48935745	48936531

384 NA18504	[2515685 chr10	10	51116618	51176464	59847	113	-0.336238	0.012234	51067634	51119365	51175743	5117718!
385 NA18504	[2515685 chr10	10	52136987	52143413	6427	9	-0.263003	0.042961	52136355	52137619	52140666	5216594!
386 NA18504	[2515685 chr10	10	54788960	54810763	21804	20	-0.871643	0.039057	54788478	54789442	54810431	5481109!
387 NA18504	[2515685 chr10	10	56117212	56139275	22064	20	-0.929473	0.0354	56115764	56118661	56138931	5613961!
388 NA18504	[2515685 chr10	10	56746349	56751868	5520	4	-0.475802	0.090829	56746000	56746699	56749121	5675636!
389 NA18504	[2515685 chr10	10	58879708	58882015	2308	5	-0.856285	0.088413	58879568	58879849	58881863	5888216!
390 NA18504	[2515685 chr10	10	62097182	62098101	920	3	-0.876473	0.098688	62097051	62097313	62097872	6209833!
391 NA18504	[2515685 chr10	10	81058430	81086642	28213	18	-0.285491	0.030973	81058203	81058658	81085464	8108782!
392 NA18504	[2515685 chr10	10	81380942	81406674	25733	15	-0.276656	0.033799	81380568	81381316	81405496	8140785!
393 NA18504	[2515685 chr10	10	81409207	81411316	2110	3	0.426469	0.08363	81407891	81410524	81411239	8141139!
394 NA18504	[2515685 chr10	10	81662845	81669493	6649	10	-0.343684	0.046351	81662614	81663077	81669128	8166985!
395 NA18504	[2515685 chr10	10	88866216	88966295	100080	111	-0.33997	0.013131	88865617	88866816	88965910	8896668!
396 NA18504	[2515685 chr10	10	89138419	89179870	41452	69	-0.258997	0.016892	89137950	89138889	89179587	8918015!
397 NA18504	[2515685 chr10	10	114102241	114106477	4237	5	1.042256	0.077708	114101694	114102788	114105867	11410708!
398 NA18504	[2515685 chr10	10	117475894	117481991	6098	2	0.812235	0.131691	117474850	117476938	117479244	11753774!
399 NA18504	[2515685 chr10	10	124336365	124341749	5385	6	0.600469	0.069403	124335581	124337149	124341238	12434226!
400 NA18504	[2515685 chr10	10	124350353	124366738	16386	21	-0.557653	0.026342	124350031	124350675	124366300	12436717!
401 NA18504	[2515685 chr10	10	127501662	127503978	2317	3	-0.607353	0.079333	127501348	127501977	127503619	12750433!
402 NA18504	[2515685 chr10	10	134168766	134170259	1494	17	-2.689845	0.061278	134168524	134169008	134170097	13417042!
403 NA18504	[2515685 chr10	10	134924761	134926337	1577	16	0.46868	0.04168	134924706	134924816	134926184	13492649!
404 NA18504	[2515685 chr10	10	135365507	135385759	20253	19	0.284891	0.027422	135366016	135366016	135386041	13538647!
405 NA18504	[2515685 chr11	11	83595	84037	443	2	0.787871	0.118756	83219	83972	83972	84102
406 NA18504	[2515685 chr11	11	712932	714347	1416	2	0.463155	0.090916	712390	713474	714093	714601
407 NA18504	[2515685 chr11	11	831591	841833	10243	12	-0.251484	0.045107	830951	832232	841608	84205!
408 NA18504	[2515685 chr11	11	969654	971069	1416	2	0.518341	0.098435	969333	969976	970737	971401
409 NA18504	[2515685 chr11	11	1048733	1050368	1636	2	-0.866518	0.119434	1048209	1049258	1050008	105072!
410 NA18504	[2515685 chr11	11	2840307	2842410	2104	3	1.243218	0.094872	2839959	2840656	2841856	284296!
411 NA18504	[2515685 chr11	11	2999681	3137580	137900	2	-1.046838	0.095951	2949255	3002762	3134499	317326!
412 NA18504	[2515685 chr11	11	3628748	3632795	4048	6	-2.364057	0.085482	3625722	3631775	3632594	363299!
413 NA18504	[2515685 chr11	11	4268999	4270262	1264	3	0.615206	0.08478	4268986	4269013	4269826	427069!
414 NA18504	[2515685 chr11	11	4318494	4322001	3508	7	0.457364	0.052085	4318472	4318517	4321857	432214!
415 NA18504	[2515685 chr11	11	4924831	4932599	7769	8	-3.387132	0.09751	4924403	4925260	4931948	493325!
416 NA18504	[2515685 chr11	11	4932599	4935850	3252	4	-0.470001	0.070518	4931948	4933251	4935219	493648!
417 NA18504	[2515685 chr11	11	5717038	5722026	4989	3	3.465789	0.15145	5716660	5717416	5718945	572548!
418 NA18504	[2515685 chr11	11	5741269	5765993	24725	32	2.548445	0.04384	5741059	5741480	5765632	576635!
419 NA18504	[2515685 chr11	11	11831868	11833089	1222	2	1.011589	0.114228	11831412	11832324	11832853	1183332!
420 NA18504	[2515685 chr11	11	18892572	18893951	1380	2	0.642031	0.112112	18892457	18892687	18893738	1889416!
421 NA18504	[2515685 chr11	11	18906905	18923020	16116	29	1.050324	0.029569	18906533	18907278	18919939	1892845!
422 NA18504	[2515685 chr11	11	28965605	28969186	3582	5	4.398759	0.156085	28965284	28965927	28968702	2896967!
423 NA18504	[2515685 chr11	11	48284073	48284771	699	2	1.048043	0.10599	48283862	48284285	48284572	4828497!
424 NA18504	[2515685 chr11	11	49072856	49075952	3097	6	0.338934	0.060356	49072572	49073140	49075650	4907625!
425 NA18504	[2515685 chr11	11	49665830	49715829	50000	35	0.522364	0.025108	49665251	49666410	49712748	4972198!
426 NA18504	[2515685 chr11	11	60721034	60777477	56444	74	0.51913	0.014814	60720112	60721956	60776810	6077814!
427 NA18504	[2515685 chr11	11	73812690	73818580	5891	4	-0.524359	0.078362	73812400	73812981	73818213	7381894!
428 NA18504	[2515685 chr11	11	74231882	74236200	4319	6	-0.307744	0.060557	74231509	74232255	74235797	7423660!
429 NA18504	[2515685 chr11	11	77325699	77348590	22892	4	-0.319789	0.058592	77318692	77328780	77345509	7737022!
430 NA18504	[2515685 chr11	11	81149111	81151638	2528	3	0.574357	0.09274	81148927	81149295	81151343	8115193!
431 NA18504	[2515685 chr11	11	88266938	88285191	18254	25	0.318457	0.023791	88266424	88267453	88284987	8828539!
432 NA18504	[2515685 chr11	11	88298478	88303948	5471	8	0.318457	0.023791	88298112	88298845	88303762	8830413!
433 NA18504	[2515685 chr11	11	104230085	104265021	34937	33	-0.866784	0.027187	104229815	104230355	104264796	10426524!
434 NA18504	[2515685 chr11	11	134107699	134112290	4592	5	0.78722	0.068504	134106591	134108808	134111845	13411273!
435 NA18504	[2515685 chr12	12	398598	404873	6276	14	-0.318728	0.032718	398035	399161	401600	40814!
436 NA18504	[2515685 chr12	12	736840	744802	7963	9	0.950999	0.052405	736616	737064	744211	74539!
437 NA18504	[2515685 chr12	12	2116865	2127044	10180	13	0.756119	0.044558	2116538	2117192	2126809	212727!
438 NA18504	[2515685 chr12	12	6113530	6117052	3523	3	0.5473	0.097727	6111640	6115421	6116289	611781!



439 NA18504	[2515685 chr12	12	7805680	7814020	8341	5	0.515924	0.064268	7804782	7806579	7813774	7814267
440 NA18504	[2515685 chr12	12	8262986	8269259	6274	17	0.459881	0.032993	8262374	8263598	8268864	8269654
441 NA18504	[2515685 chr12	12	11070849	11083764	12916	19	-0.331095	0.034198	11069857	11071841	11083559	11083961
442 NA18504	[2515685 chr12	12	11109398	11142012	32615	40	-0.492799	0.024174	11109206	11109590	11141608	11142417
443 NA18504	[2515685 chr12	12	11398049	11463223	65175	66	-0.284339	0.018519	11397507	11398591	11459990	11466457
444 NA18504	[2515685 chr12	12	12605956	12607299	1344	2	0.798147	0.141752	12605559	12606353	12606864	12607734
445 NA18504	[2515685 chr12	12	31869218	31874787	5570	2	0.872328	0.109109	31791171	31872714	31872796	31876771
446 NA18504	[2515685 chr12	12	36886168	36890395	4228	5	-0.411505	0.06347	36886078	36886259	36887282	36893501
447 NA18504	[2515685 chr12	12	65191669	65192750	1082	2	0.721461	0.135155	65191605	65191734	65192481	65193011
448 NA18504	[2515685 chr12	12	69156916	69167892	10977	11	0.895819	0.051449	69138649	69160412	69164396	69215011
449 NA18504	[2515685 chr12	12	70475445	70476812	1368	2	-0.797071	0.124664	70475180	70475711	70476524	70477101
450 NA18504	[2515685 chr12	12	78656134	78665261	9128	9	-0.460218	0.05396	78654687	78657582	78664736	78665781
451 NA18504	[2515685 chr12	12	92781979	93035182	253204	4	0.365115	0.061251	92722161	92785475	93031686	93155621
452 NA18504	[2515685 chr12	12	127322032	127326052	4021	4	0.42944	0.081186	127321371	127322694	127325619	12732648
453 NA18504	[2515685 chr12	12	128601598	128602937	1340	2	-0.751089	0.110059	128601341	128601856	128602454	12860342
454 NA18504	[2515685 chr12	12	130315291	130320068	4778	16	0.401366	0.032694	130315089	130315493	130319789	13032034
455 NA18504	[2515685 chr12	12	130798727	130801060	2334	4	-4.417145	0.165663	130798268	130799187	130800776	13080134
456 NA18504	[2515685 chr12	12	131046250	131046750	501	2	1.216264	0.131797	131046129	131046371	131046551	13104694
457 NA18504	[2515685 chr12	12	132249060	132249924	865	2	0.736252	0.12013	132248918	132249203	132249666	13225018
458 NA18504	[2515685 chr13	13	25947233	25950398	3166	3	3.879437	0.174981	25946194	25948272	25949415	2595138
459 NA18504	[2515685 chr13	13	33029575	33042392	12818	8	0.901591	0.059176	33000262	33034253	33041860	33042921
460 NA18504	[2515685 chr13	13	56611711	56645734	34024	47	0.490552	0.016878	56610946	56612477	56645321	5664614
461 NA18504	[2515685 chr13	13	56653890	56686136	32247	30	-3.445884	0.053965	56650401	56657380	56685381	5668689
462 NA18504	[2515685 chr13	13	69633905	69673289	39385	42	0.882644	0.024205	69633412	69634399	69672985	69673591
463 NA18504	[2515685 chr13	13	109215660	109217089	1430	5	0.440776	0.059608	109215230	109216090	109216885	10921729
464 NA18504	[2515685 chr13	13	110502383	110503129	747	3	0.701535	0.095568	110502225	110502541	110502890	11050336
465 NA18504	[2515685 chr13	13	113079647	113086816	7170	3	0.673625	0.084847	113078890	113080404	113082138	11309434
466 NA18504	[2515685 chr14	14	18435294	18826909	391616	634	-0.447339	0.003742	18434782	18435807	18826790	18827021
467 NA18504	[2515685 chr14	14	18856291	19265232	408942	717	-0.447339	0.003742	18855875	18856707	19261661	1926880
468 NA18504	[2515685 chr14	14	19619348	19625484	6137	3	4.21789	0.291778	19612261	19624114	19625018	19625951
469 NA18504	[2515685 chr14	14	32022485	32026140	3656	2	-0.784905	0.122269	32021695	32023276	32023749	3202853
470 NA18504	[2515685 chr14	14	34183356	34192233	8878	12	-0.701935	0.044537	34181692	34185020	34189097	34195371
471 NA18504	[2515685 chr14	14	42059344	42062997	3654	2	0.845347	0.128756	42056485	42062203	42062601	42063391
472 NA18504	[2515685 chr14	14	73052083	73053781	1699	2	-0.514616	0.089605	73051714	73052452	73052927	73054631
473 NA18504	[2515685 chr14	14	73070288	73084642	14355	16	-0.427115	0.044848	73068747	73071829	73083193	73086091
474 NA18504	[2515685 chr14	14	73095972	73117243	21272	16	0.270216	0.038229	73095334	73096611	73116211	73118271
475 NA18504	[2515685 chr14	14	73640573	73663043	22471	19	0.552364	0.035694	73639291	73641855	73658431	73667651
476 NA18504	[2515685 chr14	14	84630541	84632952	2412	2	0.469476	0.091877	84630054	84631028	84631604	8463430
477 NA18504	[2515685 chr14	14	85334883	85336344	1462	2	-0.587345	0.106633	85334444	85335322	85335984	8533670
478 NA18504	[2515685 chr14	14	87471306	87481451	10146	15	0.297727	0.039268	87470721	87471891	87481242	874811661
479 NA18504	[2515685 chr15	15	18458940	18565376	106437	107	-0.302323	0.01241	18458212	18459669	18563074	18572401
480 NA18504	[2515685 chr15	15	19044664	19574226	529563	637	-0.27029	0.005524	19044489	19044840	19573774	19574671
481 NA18504	[2515685 chr15	15	19763727	19805080	41354	56	-0.298942	0.017858	19763507	19763947	19804866	1980529
482 NA18504	[2515685 chr15	15	19838440	19845597	7158	12	0.412702	0.041122	19836986	19839894	19845254	1984594
483 NA18504	[2515685 chr15	15	20228094	20234328	6235	12	-0.46555	0.039814	20226486	20229703	20233781	20234871
484 NA18504	[2515685 chr15	15	21003489	21062197	58709	57	-0.295464	0.017321	21003314	21003665	21061995	21062401
485 NA18504	[2515685 chr15	15	21606753	21614600	7848	7	0.94875	0.064287	21606459	21607047	21612298	21636691
486 NA18504	[2515685 chr15	15	23482566	23483671	1106	2	-1.565177	0.114989	23482224	23482908	23483437	23483901
487 NA18504	[2515685 chr15	15	24986053	24992250	6198	7	0.882327	0.061684	24985426	24986680	24991680	24992821
488 NA18504	[2515685 chr15	15	26331811	26343818	12008	25	-0.466482	0.027489	26331265	26332358	26342288	26345341
489 NA18504	[2515685 chr15	15	26536521	26542764	6244	12	-0.499974	0.037924	26534914	26538129	26542214	2654331
490 NA18504	[2515685 chr15	15	26875842	26877026	1185	2	0.973936	0.116891	26875299	26876385	26876824	26877221
491 NA18504	[2515685 chr15	15	32478477	32484190	5714	8	0.360319	0.045446	32477943	32479011	32483260	32485121
492 NA18504	[2515685 chr15	15	32504316	32592621	88306	75	0.585374	0.017833	32503998	32504634	32592260	32592981
493 NA18504	[2515685 chr15	15	41642632	41644452	1821	2	-0.479143	0.09414	41641893	41643371	41644409	41644491

494 NA18504	[2515685 chr15	15	41742183	41744003	1821	2	-0.479142	0.09414	41741444	41742922	41743960	41744041
495 NA18504	[2515685 chr15	15	43106834	43111174	4341	5	0.860387	0.066408	43106498	43107171	43111071	43111271
496 NA18504	[2515685 chr15	15	74671388	74682820	11433	9	0.977496	0.054755	74671122	74671654	74680518	74689511
497 NA18504	[2515685 chr15	15	75117585	75119946	2362	4	0.926034	0.073433	75117343	75117827	75119741	75120151
498 NA18504	[2515685 chr15	15	77198464	77201050	2587	3	-0.423702	0.083746	77197915	77199013	77200658	77201441
499 NA18504	[2515685 chr15	15	80437061	80438640	1580	6	0.298512	0.057901	80436487	80437636	80438577	80438701
500 NA18504	[2515685 chr15	15	80588100	80588985	886	2	-1.070021	0.08666	80587699	80588502	80588602	80589361
501 NA18504	[2515685 chr15	15	80823554	80827326	3773	8	0.300996	0.048778	80822980	80824129	80827184	80827461
502 NA18504	[2515685 chr15	15	80982676	80983561	886	2	-1.070021	0.08666	80982275	80983078	80983178	80983941
503 NA18504	[2515685 chr15	15	82333041	82335194	2154	2	-0.863741	0.106641	82332284	82333799	82334729	82335661
504 NA18504	[2515685 chr15	15	83581911	83582575	665	2	-1.070021	0.08666	83581731	83582092	83582192	83582951
505 NA18504	[2515685 chr15	15	98234084	98240716	6633	8	0.870824	0.055816	98233842	98234327	98239350	98242081
506 NA18504	[2515685 chr15	15	98570178	98571936	1759	2	0.646514	0.113996	98569684	98570672	98571158	98572711
507 NA18504	[2515685 chr15	15	99453510	99455547	2038	3	0.848514	0.095955	99453160	99453860	99454156	99456931
508 NA18504	[2515685 chr15	15	100109640	100122682	13043	98	0.899524	0.012347	100108905	100110376	100122315	100123051
509 NA18504	[2515685 chr15	15	100264033	100309150	45118	18	0.337535	0.019152	100263857	100264210	100307499	100310801
510 NA18504	[2515685 chr15	15	100312886	100331397	18512	30	0.337535	0.019152	100312707	100313065	100331245	100331551
511 NA18504	[2515685 chr16	16	847093	851320	4228	8	-0.5998	0.056586	846662	847525	849440	8572361
512 NA18504	[2515685 chr16	16	5287117	5290631	3515	2	1.571102	0.135522	5286149	5288085	5288751	5293271
513 NA18504	[2515685 chr16	16	6716514	6721766	5253	6	0.325182	0.058788	6715845	6717183	6721415	67221181
514 NA18504	[2515685 chr16	16	14696077	14703775	7699	5	0.655458	0.051914	14695838	14696316	14703313	14704231
515 NA18504	[2515685 chr16	16	14735195	14742897	7703	5	0.655458	0.051914	14734956	14735434	14742435	14743351
516 NA18504	[2515685 chr16	16	14955818	15032337	76520	70	-0.272667	0.017448	14955356	14956281	15031429	15033241
517 NA18504	[2515685 chr16	16	16633469	16639120	5652	4	0.901211	0.07722	16632502	16634437	16638386	16639851
518 NA18504	[2515685 chr16	16	20408943	20419891	10949	8	-0.308013	0.050901	20408436	20409451	20419728	20420051
519 NA18504	[2515685 chr16	16	20419891	20441474	21584	24	-0.785711	0.032475	20419728	20420055	20441310	20441631
520 NA18504	[2515685 chr16	16	20441474	20452336	10863	7	-0.309909	0.053259	20441310	20441638	20451849	20452821
521 NA18504	[2515685 chr16	16	21475160	21502620	27461	20	0.362367	0.032027	21474882	21475438	21501101	21504141
522 NA18504	[2515685 chr16	16	22521651	22621799	100149	86	0.334241	0.015638	22521425	22521878	22621249	22622341
523 NA18504	[2515685 chr16	16	28324917	28335549	10633	9	-0.402731	0.048672	28324665	28325169	28334190	28336901
524 NA18504	[2515685 chr16	16	28522768	28525408	2641	3	0.525222	0.077616	28522366	28523170	28525115	28525701
525 NA18504	[2515685 chr16	16	28617225	28630243	13019	15	-0.354787	0.038854	28615757	28618694	28630124	28630361
526 NA18504	[2515685 chr16	16	30101364	30102578	1215	2	0.835133	0.114309	30101045	30101684	30102223	30102931
527 NA18504	[2515685 chr16	16	31900721	31901605	885	2	0.813591	0.108152	31900500	31900942	31901267	31901941
528 NA18504	[2515685 chr16	16	32098120	32099129	1010	4	0.349903	0.068752	32097813	32098428	32098927	32099331
529 NA18504	[2515685 chr16	16	32106365	32106660	296	2	1.118449	0.114996	32106136	32106595	32106634	32106681
530 NA18504	[2515685 chr16	16	32159898	32160377	480	2	-2.08032	0.101881	32159453	32160343	32160346	32160401
531 NA18504	[2515685 chr16	16	32209387	32219640	10254	20	0.3014	0.027628	32209224	32209551	32219531	32219741
532 NA18504	[2515685 chr16	16	32606692	32607163	472	2	-2.08032	0.101881	32606661	32606724	32606727	32607591
533 NA18504	[2515685 chr16	16	32660409	32660703	295	2	1.118436	0.114996	32660384	32660435	32660474	32660931
534 NA18504	[2515685 chr16	16	32667939	32668950	1012	5	0.333159	0.060369	32667738	32668141	32668644	32669251
535 NA18504	[2515685 chr16	16	33039098	33040110	1013	5	0.333159	0.060369	33038792	33039405	33039908	33040311
536 NA18504	[2515685 chr16	16	33047346	33047640	295	2	1.118449	0.114996	33047117	33047575	33047614	33047661
537 NA18504	[2515685 chr16	16	33100875	33101346	472	2	-2.080277	0.10188	33100438	33101312	33101315	33101371
538 NA18504	[2515685 chr16	16	33157406	33157879	474	2	-2.080309	0.101881	33156967	33157845	33157848	33157911
539 NA18504	[2515685 chr16	16	33206787	33217055	10269	19	0.319131	0.02882	33206624	33206951	33216946	33217161
540 NA18504	[2515685 chr16	16	33330653	33335621	4969	9	0.265975	0.047655	33330438	33330868	33335456	33335781
541 NA18504	[2515685 chr16	16	33392689	33397333	4645	9	0.321578	0.046105	33392062	33393316	33397172	33397491
542 NA18504	[2515685 chr16	16	33863082	33872679	9598	9	0.408065	0.050904	33860552	33864962	33871847	33873511
543 NA18504	[2515685 chr16	16	34321826	34606125	284300	322	-0.484026	0.008245	34317185	34323706	34605058	34607191
544 NA18504	[2515685 chr16	16	57204541	57207585	3045	3	4.248175	0.185172	57204170	57204913	57206938	57208231
545 NA18504	[2515685 chr16	16	70647381	70650857	3477	5	0.42824	0.066327	70647106	70647656	70650462	70651251
546 NA18504	[2515685 chr16	16	70653409	70668660	15252	7	1.167186	0.063388	70653186	70653632	70668127	706691251
547 NA18504	[2515685 chr16	16	76930776	76942282	11507	9	0.739998	0.048882	76930290	76931263	76941602	76942961
548 NA18504	[2515685 chr16	16	83994929	84004171	9243	81	-0.918302	0.01476	83994558	83995300	84003767	84004571

549 NA18504	[2515685 chr16	16	88181036	88182713	1678	2	0.645992	0.102002	88180612	88181461	88182173	8818325:
550 NA18504	[2515685 chr17	17	966845	969578	2734	21	0.414712	0.033846	966537	967154	969378	969779
551 NA18504	[2515685 chr17	17	16657271	16665630	8360	13	-0.315862	0.042084	16657056	16657486	16665353	1666590:
552 NA18504	[2515685 chr17	17	18297586	18311209	13624	22	0.369519	0.031299	18297407	18297765	18310937	1831148:
553 NA18504	[2515685 chr17	17	18331739	18332345	607	2	-1.307484	0.107368	18331509	18331970	18331978	1833271:
554 NA18504	[2515685 chr17	17	18993014	19079161	86148	163	-0.253677	0.010104	18992585	18993443	19078459	1907986:
555 NA18504	[2515685 chr17	17	20299935	20300531	597	2	-1.307484	0.107368	20299568	20300303	20300311	2030075:
556 NA18504	[2515685 chr17	17	20325192	20325864	673	2	0.910882	0.089277	20324968	20325416	20325582	2032614:
557 NA18504	[2515685 chr17	17	20325864	20333050	7187	9	0.272748	0.049149	20325582	20326146	20332055	2033404:
558 NA18504	[2515685 chr17	17	21387086	21388859	1774	2	-0.597608	0.108655	21386584	21387589	21388220	2138949:
559 NA18504	[2515685 chr17	17	21945626	21954909	9284	15	-0.324522	0.03601	21945338	21945915	21954628	2195519:
560 NA18504	[2515685 chr17	17	31430406	31581038	150633	227	0.256237	0.005889	31429658	31431155	31580656	3158142:
561 NA18504	[2515685 chr17	17	31592272	31682601	90330	168	0.256237	0.005889	31591933	31592611	31682219	3168298:
562 NA18504	[2515685 chr17	17	31693833	31797790	103958	20	0.256237	0.005889	31693494	31694173	31698927	3179999:
563 NA18504	[2515685 chr17	17	31807301	31819557	12257	36	0.256237	0.005889	31806958	31807644	31819552	3181956:
564 NA18504	[2515685 chr17	17	32108231	32110389	2159	2	-0.64031	0.10731	32107440	32109023	32110190	3211058:
565 NA18504	[2515685 chr17	17	33371411	33380681	9271	28	0.336504	0.024806	33371258	33371564	33380614	3338074:
566 NA18504	[2515685 chr17	17	33425145	33428360	3216	9	-0.27608	0.046028	33424532	33425759	33428130	3342859:
567 NA18504	[2515685 chr17	17	33529907	33535932	6026	15	0.412048	0.033879	33529840	33529975	33535814	3353605:
568 NA18504	[2515685 chr17	17	33567816	33589403	21588	18	0.279274	0.031657	33564792	33570016	33589250	3358955:
569 NA18504	[2515685 chr17	17	33605351	33638078	32728	42	0.383648	0.022628	33605052	33605650	33637752	3363840:
570 NA18504	[2515685 chr17	17	33641281	33661121	19841	32	-0.366955	0.026323	33640689	33641874	33660590	3366165:
571 NA18504	[2515685 chr17	17	36636559	36685343	48785	45	-0.483111	0.02202	36635767	36637352	36684647	3668604:
572 NA18504	[2515685 chr17	17	36980694	36982743	2050	2	0.479925	0.094115	36980235	36981153	36982183	3698330:
573 NA18504	[2515685 chr17	17	41035524	41036525	1002	2	0.968158	0.105712	41035120	41035928	41035967	4103708:
574 NA18504	[2515685 chr17	17	41675037	41676708	1672	2	0.968152	0.105711	41673805	41676270	41676309	4167710:
575 NA18504	[2515685 chr17	17	41770024	41922047	152024	148	-0.354683	0.006297	41769768	41770281	41920590	4192350:
576 NA18504	[2515685 chr17	17	41987438	42137410	149973	142	-0.354683	0.006297	41987182	41987695	42135210	4214194:
577 NA18504	[2515685 chr17	17	42969422	42988804	19383	33	-0.367535	0.025599	42968660	42970185	42988208	4298940:
578 NA18504	[2515685 chr17	17	42988804	43026670	37867	54	0.3277	0.020083	42988208	42989400	43025568	4302777:
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580 NA18504	[2515685 chr18	18	14448785	14465978	17194	23	-0.329862	0.030447	14448383	14449187	14465760	1446619:
581 NA18504	[2515685 chr18	18	14782043	14805394	23352	34	0.357231	0.022641	14781647	14782440	14804863	1480592:
582 NA18504	[2515685 chr18	18	62026554	62029990	3437	2	0.614416	0.116578	62025633	62027475	62029130	6203085:
583 NA18504	[2515685 chr18	18	74371540	74379534	7995	11	0.315749	0.039067	74371016	74372064	74378860	7438020:
584 NA18504	[2515685 chr18	18	74392800	74398225	5426	4	0.713231	0.075515	74390826	74394774	74397790	7439866:
585 NA18504	[2515685 chr19	19	16543	79514	62972	57	0.414974	0.01882	16003	17084	79338	7969C
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589 NA18504	[2515685 chr19	19	331568	333129	1562	2	0.62131	0.096457	331314	331822	332310	33394E
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591 NA18504	[2515685 chr19	19	20387625	20510144	122520	71	-0.486565	0.017806	20387407	20387844	20509558	2051073:
592 NA18504	[2515685 chr19	19	22150585	22151409	825	2	-0.864114	0.148139	22150417	22150753	22151291	2215152:
593 NA18504	[2515685 chr19	19	22501497	22507794	6298	7	-0.356691	0.050575	22500564	22502430	22507670	2250791:
594 NA18504	[2515685 chr19	19	22931051	22934759	3709	3	1.418358	0.114971	22918199	22933577	22934546	2293497:
595 NA18504	[2515685 chr19	19	23007905	23013841	5937	6	0.856214	0.067315	22990964	23010431	23013525	2301415:
596 NA18504	[2515685 chr19	19	23108259	23109446	1188	2	1.557785	0.127794	23107903	23108615	23108879	2311001:
597 NA18504	[2515685 chr19	19	23257205	23258538	1334	2	-0.845423	0.120534	23256882	23257529	23258213	2325886:
598 NA18504	[2515685 chr19	19	24147959	24148730	772	3	-0.560182	0.0843	24147835	24148083	24148193	2414926:
599 NA18504	[2515685 chr19	19	39419837	39421349	1513	3	0.574425	0.095181	39419616	39420059	39421018	3942168:
600 NA18504	[2515685 chr19	19	41450188	41493611	43424	28	0.480915	0.025487	41421528	41452714	41491085	4149785:
601 NA18504	[2515685 chr19	19	42450474	42487512	37039	33	0.481989	0.022674	42413600	42453000	42486487	4248853:
602 NA18504	[2515685 chr19	19	45090681	45092876	2196	5	-0.290001	0.056378	45090169	45091194	45092683	4509306:
603 NA18504	[2515685 chr19	19	45412775	45413556	782	2	-0.501089	0.099523	45412566	45412985	45413285	4541382:

604 NA18504	[2515685 chr19	19	48084955	48086112	1158	2	0.677004	0.09735	48084914	48084997	48085001	4808722
605 NA18504	[2515685 chr19	19	48345237	48346299	1063	2	0.67701	0.097351	48345196	48345279	48345283	4834731
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611 NA18504	[2515685 chr19	19	59417162	59419784	2623	4	0.330392	0.062462	59416759	59417566	59419774	5941979
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617 NA18504	[2515685 chr20	20	15249645	15251805	2161	2	-0.931046	0.113617	15249381	15249909	15251287	1525232
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620 NA18504	[2515685 chr20	20	26136817	26138192	1376	3	0.628368	0.095079	26136626	26137008	26137783	2613860
621 NA18504	[2515685 chr20	20	49817373	49819212	1840	2	0.758444	0.129968	49816867	49817880	49818962	4981946
622 NA18504	[2515685 chr20	20	59951513	59956235	4723	16	0.627475	0.034986	59950681	59952345	59956222	5995624
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627 NA18504	[2515685 chr21	21	13710332	13723234	12903	14	0.282977	0.039649	13708317	13712347	13723011	1372345
628 NA18504	[2515685 chr21	21	13973513	13979982	6470	12	-0.421205	0.040423	13973295	13973731	13979786	1398017
629 NA18504	[2515685 chr22	22	14466121	14836807	370687	699	-0.444904	0.005251	14466002	14466240	14836461	1483715
630 NA18504	[2515685 chr22	22	16434845	16492480	57636	2	-0.587915	0.1126	16399289	16437527	16489798	1654086
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638 NA18504	[2515685 chr22	22	23763753	23765515	1763	3	-0.50075	0.084058	23763486	23764021	23765293	2376573
639 NA18504	[2515685 chr22	22	33619409	33623490	4082	5	0.868822	0.070257	33618939	33619879	33622642	3362433
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644 NA18504	[2515685 chrX	23	565006	572967	7962	11	-0.276674	0.045309	564762	565250	572752	573182
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649 NA18504	[2515685 chrX	23	9182407	9192056	9650	13	0.421451	0.039288	9181838	9182977	9191527	919258
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657 NA18504	[2515685 chrX	23	119787748	119789970	2223	3	0.549297	0.087605	119787006	119788491	119789667	11979027
658 NA18504	[2515685 chrX	23	119791965	119844836	52872	77	0.55116	0.013465	119791661	119792270	119844499	11984517

659 NA18504	[2515685 chrX	23	134529491	134533613	4123	3	-1.037264	0.099377	134526377	134532605	134533388	134533383
660 NA18504	[2515685 chrX	23	134569408	134625407	56000	104	0.488391	0.008582	134569294	134569522	134624877	13462593
661 NA18504	[2515685 chrX	23	134645810	134698023	52214	106	0.488391	0.008582	134645280	134646341	134696803	13469924
662 NA18504	[2515685 chrX	23	134746536	134755274	8739	11	0.453585	0.041355	134738264	134750516	134755112	13475543
663 NA18504	[2515685 chrX	23	139811649	139822026	10378	17	0.366284	0.019595	139811766	139811766	139821839	13982221
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666 NA18504	[2515685 chrX	23	140386662	140419267	32606	52	0.311325	0.017519	140378397	140390642	140418861	14041967
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670 NA18504	[2515685 chrX	23	154721706	154722677	972	2	0.785898	0.1265	154721235	154722178	154722342	15472301
671 NA18504	[2515685 chrY	24	565006	572967	7962	11	-0.276674	0.045309	564762	565250	572752	573182
672 NA18504	[2515685 chrY	24	1863641	1865837	2197	4	-0.545094	0.075109	1862943	1864339	1865399	1866276
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675 NA18504	[2515685 chrY	24	3761291	4160665	399375	2	0.835181	0.105071	3640785	3764230	4157726	4581358
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677 NA18504	[2515685 chrY	24	6161875	6176178	14304	48	0.463852	0.017922	6161722	6162029	6176052	6176304
678 NA18504	[2515685 chrY	24	6184904	6191940	7037	8	0.432223	0.049163	6184493	6185316	6191551	6192330
679 NA18504	[2515685 chrY	24	9188837	9995077	806241	864	0.407921	0.004253	9188753	9188922	9994746	9995405
680 NA18504	[2515685 chrY	24	10325139	10340296	15158	8	0.441124	0.047597	10324750	10325529	10339804	10340785
681 NA18504	[2515685 chrY	24	10610662	10623994	13333	6	0.679011	0.057254	10608962	10612362	10623357	10624637
682 NA18504	[2515685 chrY	24	10627529	10629470	1942	3	0.585329	0.087234	10627041	10628018	10628889	10630057
683 NA18504	[2515685 chrY	24	18436551	18436927	377	2	-0.588147	0.099076	18436460	18436643	18436672	1843718
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686 NA18504	[2515685 chrY	24	19172026	19248393	76368	73	0.26362	0.019712	19171913	19172139	19248280	19248501
687 NA18504	[2515685 chrY	24	19438567	21283056	1844490	18	0.326558	0.037685	19415188	19415188	21280117	2135926
688 NA18504	[2515685 chrY	24	21991456	22402263	410808	580	0.386869	0.005479	21991085	21991827	22402064	2240246
689 NA18504	[2515685 chrY	24	22420654	22421215	562	2	-0.53421	0.105446	22420484	22420824	22420839	22421597
690 NA18504	[2515685 chrY	24	22650628	22665789	15162	53	0.509862	0.016694	22649721	22651535	22665407	22666177
691 NA18504	[2515685 chrY	24	22797835	22798350	516	2	0.588931	0.081819	22797713	22797957	22797960	2279874
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693 NA18504	[2515685 chrY	24	23133720	23134282	563	2	-0.534209	0.105446	23133344	23134097	23134112	23134457
694 NA18504	[2515685 chrY	24	23316914	24010263	693350	572	-0.553042	0.00347	23212454	23319853	24010203	2401032
695 NA18504	[2515685 chrY	24	24045265	24225388	180124	232	-0.553042	0.00347	24045036	24045494	24225138	24225637
696 NA18504	[2515685 chrY	24	24227762	26410862	2183101	949	-0.553042	0.00347	24227502	24228023	26410602	2641112
697 NA18504	[2515685 chrY	24	26413237	26451787	38551	28	-0.553042	0.00347	26412987	26413487	26450951	26452627
698 NA18504	[2515685 chrY	24	26608149	26608711	563	2	-0.534209	0.105446	26607773	26608526	26608541	2660888
699 NA18504	[2515685 chrY	24	26813773	27154704	340932	53	0.25011	0.021723	26766461	26816712	27151765	5738798
700 NA18504	[2515685 chrY	24	57599133	57600104	972	2	0.785898	0.1265	57598662	57599605	57599769	5760044
1 NA18517	[2515685 chr1	1	76985	77845	861	2	0.59892	0.114675	76641	77329	77684	78006
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3 NA18517	[2515685 chr1	1	1853012	1854645	1634	2	0.511805	0.100736	1852616	1853409	1853816	1855476
4 NA18517	[2515685 chr1	1	6429824	6452869	23046	4	-0.443802	0.071638	6412294	6433093	6449600	6526270
5 NA18517	[2515685 chr1	1	10416438	10418311	1874	2	-0.886316	0.102327	10415863	10417014	10417712	10418917
6 NA18517	[2515685 chr1	1	12826071	12869451	43381	55	0.283529	0.010241	12825750	12826392	12868612	1287029
7 NA18517	[2515685 chr1	1	12874938	12926242	51305	119	0.283529	0.010241	12874781	12875096	12926178	12926307
8 NA18517	[2515685 chr1	1	12926542	12926956	415	2	-1.659138	0.143981	12926307	12926778	12926804	12927101
9 NA18517	[2515685 chr1	1	12995178	13001855	6678	9	0.302733	0.050624	12994551	12995806	13001230	13002481
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11 NA18517	[2515685 chr1	1	13368830	13374693	5864	10	0.442566	0.042114	13368443	13369217	13374411	13374971
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14 NA18517	[2515685 chr1	1	13385220	13386788	1569	4	0.568332	0.065245	13384964	13385476	13386480	13387097
15 NA18517	[2515685 chr1	1	16522975	16524502	1528	2	-0.50835	0.100858	16522323	16523627	16524165	16524831
16 NA18517	[2515685 chr1	1	16544213	16573201	28989	27	-0.287829	0.026927	16542453	16545973	16572675	16573727
17 NA18517	[2515685 chr1	1	16723148	16727769	4622	10	0.280745	0.045741	16722924	16723372	16727506	16728031
18 NA18517	[2515685 chr1	1	16752442	16796873	44432	53	-0.451339	0.019874	16752162	16752722	16796422	16797321
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21 NA18517	[2515685 chr1	1	25352992	25381274	28283	28	0.323689	0.019454	25352754	25353230	25380813	25381731
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24 NA18517	[2515685 chr1	1	62150881	62164151	13271	12	-0.917669	0.049271	62150623	62151139	62163078	62165221
25 NA18517	[2515685 chr1	1	72467674	72476358	8685	5	-0.824022	0.071702	72467220	72468129	72475692	72477021
26 NA18517	[2515685 chr1	1	72478372	72524180	45809	36	0.953403	0.026071	72478140	72478604	72523661	72524701
27 NA18517	[2515685 chr1	1	86112825	86116608	3784	5	-2.680257	0.117035	86112582	86113069	86116349	86116867
28 NA18517	[2515685 chr1	1	89188117	89190762	2646	5	1.662444	0.090652	89187764	89188470	89190458	89191067
29 NA18517	[2515685 chr1	1	94869509	94870854	1346	3	0.456577	0.080965	94869219	94869799	94870647	94871106
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31 NA18517	[2515685 chr1	1	103866317	103873304	6988	10	0.345588	0.047811	103865345	103867290	103873021	10387358
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33 NA18517	[2515685 chr1	1	105728161	105735462	7302	8	-0.871433	0.059245	105727820	105728503	105734532	10573639
34 NA18517	[2515685 chr1	1	108444641	108449550	4910	9	0.754979	0.051952	108443817	108445466	108449824	10844987
35 NA18517	[2515685 chr1	1	108514938	108565175	50238	59	0.384636	0.01959	108514864	108515012	108565023	10856532
36 NA18517	[2515685 chr1	1	108638318	108688767	50450	59	0.387449	0.019508	108638254	108638383	108688693	10868884
37 NA18517	[2515685 chr1	1	109933252	109935157	1906	3	0.621751	0.084161	109932716	109933789	109935040	10993527
38 NA18517	[2515685 chr1	1	109936541	109965726	29186	31	0.686672	0.027902	109935803	109937279	109965065	10996638
39 NA18517	[2515685 chr1	1	1111089464	111100714	11251	11	-0.920044	0.049118	111088288	111090640	111100119	11110131
40 NA18517	[2515685 chr1	1	112405902	112416691	10790	10	0.579715	0.050451	112405415	112406389	112416423	11241696
41 NA18517	[2515685 chr1	1	116874175	116915240	41066	51	0.396177	0.020648	116873908	116874442	116914887	11691559
42 NA18517	[2515685 chr1	1	141971552	141976719	5168	17	0.281686	0.032733	141971472	141971633	141976542	14197689
43 NA18517	[2515685 chr1	1	142744385	142745273	889	2	0.713567	0.116363	142743794	142744976	142745023	14274552
44 NA18517	[2515685 chr1	1	145100273	145105440	5168	16	0.294647	0.034424	145100193	145100354	145105263	14510561
45 NA18517	[2515685 chr1	1	145819541	145840436	20896	24	0.401978	0.030963	145819262	145819821	145840201	14584067
46 NA18517	[2515685 chr1	1	145855195	145860363	5169	5	0.530522	0.066321	145848112	145858464	145860127	14586059
47 NA18517	[2515685 chr1	1	145896002	145899638	3637	3	0.683485	0.093771	145894632	145897372	145899362	14589991
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86 NA18517	[2515685 chr2	2	73922874	73948487	25614	41	-0.693457	0.020483	73922730	73923019	73948060	73948911
87 NA18517	[2515685 chr2	2	80702319	80703777	1459	2	0.628578	0.120119	80701968	80702670	80703271	80704287
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94 NA18517	[2515685 chr2	2	97329019	97339161	10143	22	0.320822	0.030742	97328936	97329103	97338784	97339531
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96 NA18517	[2515685 chr2	2	97613796	97614932	1137	2	1.215528	0.126893	97613553	97614040	97614467	97615391
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115 NA18517	[2515685 chr3	3	288772	301448	12677	16	0.55004	0.038218	288509	289036	301050	301846
116 NA18517	[2515685 chr3	3	587432	638425	50994	44	-0.298493	0.022175	586921	587943	638149	638701
117 NA18517	[2515685 chr3	3	1757211	1765704	8494	2	0.807047	0.115698	1756096	1758327	1762058	1797301
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125 NA18517	[2515685 chr3	3	139315695	139316879	1185	2	0.620314	0.109531	139315497	139315894	139316463	13931729
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133 NA18517	[2515685 chr3	3	197676671	197678510	1840	3	-0.416597	0.078365	197676455	197676888	197678055	19767896
134 NA18517	[2515685 chr3	3	198422794	198427408	4615	2	1.068088	0.1305	198422381	198423207	198423959	19843085
135 NA18517	[2515685 chr3	3	198674426	198675470	1045	6	-0.908101	0.054015	198674161	198674692	198674903	19867603
136 NA18517	[2515685 chr3	3	198871725	198882515	10791	14	-0.400027	0.040072	198871537	198871913	198882172	19888285
137 NA18517	[2515685 chr3	3	199313925	199321063	7139	15	2.099206	0.039879	199313515	199314336	199320844	19932128
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139 NA18517	[2515685 chr4	4	639659	640828	1170	2	0.710641	0.12172	639291	640028	640478	641178
140 NA18517	[2515685 chr4	4	728045	731845	3801	2	0.580394	0.104092	727736	728355	731532	732155
141 NA18517	[2515685 chr4	4	1591116	1594135	3020	4	-0.39708	0.077738	1590877	1591355	1593726	159454
142 NA18517	[2515685 chr4	4	3504800	3511165	6366	8	0.377388	0.051861	3504307	3505294	3510945	351138
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144 NA18517	[2515685 chr4	4	3906895	3909675	2781	3	-0.602875	0.094593	3906487	3907303	3909318	391003
145 NA18517	[2515685 chr4	4	9299469	9308037	8569	6	-0.582936	0.065751	9295439	9302535	9306599	930947
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147 NA18517	[2515685 chr4	4	9887220	9911397	24178	31	1.982102	0.042819	9886886	9887555	9910388	991240
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153 NA18517	[2515685 chr4	4	69169621	69171347	1727	2	0.522952	0.10259	69169451	69169792	69171038	6917165
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162 NA18517	[2515685 chr4	4	115865203	115869481	4279	3	-0.767879	0.098505	115864913	115865494	115866415	11587556
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164 NA18517	[2515685 chr4	4	133536192	133540723	4532	3	-0.763888	0.0997	133531398	133539258	133540462	13354098
165 NA18517	[2515685 chr4	4	138449561	138457787	8227	7	-0.945163	0.060884	138448993	138450130	138457283	13845829
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167 NA18517	[2515685 chr4	4	142588136	142590500	2365	4	-2.671186	0.123021	142587774	142588498	142590303	14259069
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173 NA18517	[2515685 chr4	4	173363594	173367718	4125	6	-0.729231	0.062042	173362583	173364606	173367283	17336815
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176 NA18517	[2515685 chr4	4	181510330	181514063	3734	5	-0.75482	0.071487	181509772	181510889	181513677	18151444
177 NA18517	[2515685 chr4	4	185532106	185534552	2447	3	0.610195	0.095629	185531516	185532696	185534150	18553495
178 NA18517	[2515685 chr4	4	185535274	185544849	9576	9	1.021793	0.053216	185534955	185535593	185543276	18554642



179 NA18517	[2515685 chr4	4	186816951	186819359	2409	3	2.929586	0.164919	186816420	186817483	186819049	186819671
180 NA18517	[2515685 chr4	4	187728494	187732907	4414	15	1.479618	0.046446	187728193	187728795	187732541	187733271
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182 NA18517	[2515685 chr4	4	190505080	190507546	2467	4	0.408029	0.078699	190504850	190505311	190507099	190507991
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187 NA18517	[2515685 chr5	5	104264	105617	1354	2	0.613031	0.107991	104036	104493	105236	105995
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193 NA18517	[2515685 chr5	5	1122995	1126517	3523	38	0.591301	0.022273	1122772	1123219	1126389	1126644
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207 NA18517	[2515685 chr5	5	22161493	22166561	5069	6	0.606391	0.065142	22160580	22162407	22166502	22166621
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213 NA18517	[2515685 chr5	5	68865273	68998995	133723	266	0.384832	0.002249	68864770	68865776	68998931	68999051
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232 NA18517	[2515685 chr5	5	150183322	150203801	20480	11	-0.71637	0.047774	150181427	150185218	150203451	150204151
233 NA18517	[2515685 chr5	5	155408303	155424012	15710	11	-0.837749	0.050054	155405622	155410984	155420819	155427611

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245 NA18517	[2515685 chr6	6	26960263	26969868	9606	20	-0.272241	0.031671	26959735	26960792	26968311	26971421
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266 NA18517	[2515685 chr6	6	32733468	32735351	1884	3	-0.445091	0.084394	32732792	32734144	32734985	32735711
267 NA18517	[2515685 chr6	6	32735351	32736908	1558	3	0.448744	0.08489	32734985	32735718	32736724	32737097
268 NA18517	[2515685 chr6	6	32741849	32744343	2495	4	0.751775	0.082894	32741631	32742067	32744136	32744551
269 NA18517	[2515685 chr6	6	35862833	35874426	11594	13	1.00486	0.043442	35862530	35863136	35873957	35874891
270 NA18517	[2515685 chr6	6	54036900	54042384	5485	5	3.698362	0.140741	54036573	54037227	54041771	54042991
271 NA18517	[2515685 chr6	6	58247040	58256195	9156	13	0.252493	0.041412	58246670	58247311	58256051	58256337
272 NA18517	[2515685 chr6	6	75676921	75677837	917	2	-0.546992	0.091186	75676717	75677126	75677526	75678141
273 NA18517	[2515685 chr6	6	77495034	77513512	18479	12	0.784032	0.047821	77493568	77496500	77510011	77517697
274 NA18517	[2515685 chr6	6	78933709	78953035	19327	15	-0.80745	0.040674	78933465	78933954	78949534	78962007
275 NA18517	[2515685 chr6	6	79023318	79093263	69946	70	0.858182	0.019006	79022028	79024609	79091909	79094611
276 NA18517	[2515685 chr6	6	103844685	103871201	26517	17	2.93866	0.065938	103844347	103845023	103868241	10387416
277 NA18517	[2515685 chr6	6	115167422	115171402	3981	4	-0.391881	0.071028	115166330	115168514	115170332	11517247
278 NA18517	[2515685 chr6	6	115432117	115433350	1234	2	-0.52236	0.10343	115431837	115432397	115432887	11543381
279 NA18517	[2515685 chr6	6	115446833	115452059	5227	5	-0.54971	0.071448	115446601	115447066	115451701	11545241
280 NA18517	[2515685 chr6	6	120671191	120671916	726	2	1.231131	0.111272	120670696	120671686	120671725	12067210
281 NA18517	[2515685 chr6	6	160056728	160058998	2271	2	-0.845463	0.098043	160055808	160057648	160058322	16005967
282 NA18517	[2515685 chr6	6	161001907	161038394	36488	62	0.395469	0.016672	161001167	161002648	161038184	16103860
283 NA18517	[2515685 chr6	6	162821530	162823040	1511	2	-0.634748	0.102771	162821109	162821951	162822743	16282333
284 NA18517	[2515685 chr6	6	162893670	162896314	2645	3	-0.472088	0.081299	162893373	162893968	162895355	16289727
285 NA18517	[2515685 chr6	6	168453011	168456762	3752	3	0.634228	0.084176	168452611	168453411	168456200	16845732
286 NA18517	[2515685 chr6	6	169340176	169347270	7095	30	1.214357	0.028297	169335703	169343677	169347209	16934733
287 NA18517	[2515685 chr6	6	170625506	170627028	1523	3	1.233133	0.106789	170625015	170625997	170626579	17062747
288 NA18517	[2515685 chr6	6	170683934	170686670	2737	6	-0.324637	0.064566	170683699	170684170	170686470	17068687

289 NA18517	[2515685 chr6	6	170692529	170694780	2252	13	0.393003	0.037392	170692183	170692876	170694493	17069506
290 NA18517	[2515685 chr6	6	170721483	170723478	1996	10	-0.640524	0.051963	170721218	170721749	170723334	17072362
291 NA18517	[2515685 chr7	7	113212	116281	3070	13	-0.373712	0.044939	113146	113279	116273	116290
292 NA18517	[2515685 chr7	7	135982	164196	28215	29	0.335646	0.027776	135556	136408	163674	164718
293 NA18517	[2515685 chr7	7	929017	930663	1647	5	-0.825807	0.069052	928626	929408	930382	930945
294 NA18517	[2515685 chr7	7	3384111	3392457	8347	8	0.906462	0.057143	3383451	3384772	3390107	339561!
295 NA18517	[2515685 chr7	7	14068075	14072254	4180	5	0.397977	0.067989	14067769	14068382	14071722	1407278
296 NA18517	[2515685 chr7	7	22910927	22919105	8179	6	-0.467037	0.063178	22904102	22913277	22918677	2291953:
297 NA18517	[2515685 chr7	7	43775620	43789873	14254	17	0.390919	0.03482	43775434	43775807	43789550	4379019!
298 NA18517	[2515685 chr7	7	62122229	62128473	6245	16	-0.397354	0.038253	62122104	62122354	62128063	6212888:
299 NA18517	[2515685 chr7	7	62254472	62255088	617	4	0.817355	0.07761	62254309	62254635	62254924	6225525:
300 NA18517	[2515685 chr7	7	62258673	62258943	271	2	-0.957426	0.103206	62258497	62258850	62258883	6225900:
301 NA18517	[2515685 chr7	7	62298225	62298494	270	2	-0.957425	0.103206	62298165	62298285	62298318	6229867
302 NA18517	[2515685 chr7	7	62302079	62302696	618	4	0.81736	0.077611	62301915	62302243	62302533	6230285!
303 NA18517	[2515685 chr7	7	62423752	62431487	7736	19	-0.464522	0.035124	62423322	62424183	62431266	6243170!
304 NA18517	[2515685 chr7	7	64053836	64079765	25930	40	-0.316376	0.021667	64053642	64054030	64078845	6408068!
305 NA18517	[2515685 chr7	7	64429730	64455257	25528	39	-0.324988	0.022009	64428756	64430705	64454989	6445552!
306 NA18517	[2515685 chr7	7	64465918	64481591	15674	41	-0.263654	0.022605	64465644	64466192	64481417	6448176!
307 NA18517	[2515685 chr7	7	64538610	64554832	16223	43	-0.274588	0.022008	64537873	64539348	64554559	6455510!
308 NA18517	[2515685 chr7	7	64565045	64590991	25947	43	-0.318603	0.020919	64564855	64565236	64590084	6459189!
309 NA18517	[2515685 chr7	7	64690171	64725545	35375	39	0.413739	0.023254	64689761	64690582	64725209	6472588:
310 NA18517	[2515685 chr7	7	69866390	69869623	3234	4	0.795988	0.082846	69865412	69867368	69869269	6986997!
311 NA18517	[2515685 chr7	7	69869623	69871056	1434	2	3.836469	0.195852	69869269	69869978	69870420	6987169:
312 NA18517	[2515685 chr7	7	72014016	72014871	856	3	0.6936	0.076743	72013991	72014042	72014598	7201514:
313 NA18517	[2515685 chr7	7	73823778	73824413	636	3	0.681757	0.08162	73823755	73823801	73824363	7382446:
314 NA18517	[2515685 chr7	7	74096901	74097754	854	3	0.6936	0.076743	74096630	74097173	74097729	7409778!
315 NA18517	[2515685 chr7	7	74511185	74511943	759	3	0.693605	0.076743	74511009	74511362	74511918	7451196!
316 NA18517	[2515685 chr7	7	75755777	75757104	1328	2	-0.694514	0.104902	75755488	75756066	75756856	7575735:
317 NA18517	[2515685 chr7	7	75790452	75794984	4533	5	-0.763767	0.070383	75790248	75790656	75794325	7579564:
318 NA18517	[2515685 chr7	7	89455601	89456632	1032	2	4.076155	0.204758	89455373	89455830	89456225	8945703!
319 NA18517	[2515685 chr7	7	92972933	92976895	3963	2	1.266285	0.131538	92972732	92973135	92975569	9297822
320 NA18517	[2515685 chr7	7	99513362	99513912	551	2	0.666964	0.095863	99513133	99513592	99513623	9951420:
321 NA18517	[2515685 chr7	7	101731796	101746499	14704	16	0.468827	0.034661	101731584	101732009	101745864	10174713
322 NA18517	[2515685 chr7	7	101750729	101759251	8523	11	0.673521	0.039947	101750058	101751400	101759229	10175927:
323 NA18517	[2515685 chr7	7	101768898	101770034	1137	2	0.646119	0.090552	101768621	101769176	101769652	10177041
324 NA18517	[2515685 chr7	7	101832143	101833681	1539	2	0.817639	0.106421	101831238	101833049	101833055	10183430
325 NA18517	[2515685 chr7	7	101836774	101845706	8933	11	0.50965	0.041451	101836472	101837077	101845083	10184632
326 NA18517	[2515685 chr7	7	101849923	101858816	8894	11	0.67352	0.039947	101849252	101850594	101858540	10185909
327 NA18517	[2515685 chr7	7	101868236	101869373	1138	2	0.646119	0.090552	101867960	101868513	101868990	10186975
328 NA18517	[2515685 chr7	7	101879030	101884158	5129	7	0.391667	0.054052	101878111	101879950	101883977	10188434
329 NA18517	[2515685 chr7	7	109034784	109048958	14175	10	1.78355	0.067156	109024063	109037134	109046953	10905096
330 NA18517	[2515685 chr7	7	125639507	125644775	5269	6	-0.806517	0.073732	125639054	125639961	125644046	12564550
331 NA18517	[2515685 chr7	7	133243381	133245202	1822	2	0.786899	0.105548	133243008	133243755	133244207	13324619
332 NA18517	[2515685 chr7	7	133245202	133257359	12158	12	2.906936	0.079212	133244207	133246197	133255009	13326093
333 NA18517	[2515685 chr7	7	141496492	141505136	8645	11	-0.405375	0.043995	141495918	141497066	141504428	14150584
334 NA18517	[2515685 chr7	7	141505136	141521152	16017	19	-1.706069	0.050159	141504428	141505844	141520892	14152141.
335 NA18517	[2515685 chr7	7	141521152	141526577	5426	9	-0.476015	0.047838	141520892	141521412	141526109	14152704
336 NA18517	[2515685 chr7	7	141960848	141993247	32400	38	-0.360009	0.023789	141960004	141961693	141992651	14199384
337 NA18517	[2515685 chr7	7	143317258	143511719	194462	368	-0.424367	0.007524	143316485	143318031	143511270	14351216
338 NA18517	[2515685 chr7	7	149285428	149286281	854	2	0.591019	0.100508	149285181	149285676	149286217	14928634
339 NA18517	[2515685 chr7	7	149300307	149319821	19515	16	-0.546153	0.039393	149299905	149300710	149319432	14932021
340 NA18517	[2515685 chr7	7	151356863	151396260	39398	6	0.306329	0.056653	151350573	151359213	151393910	15144986
341 NA18517	[2515685 chr7	7	152921169	152938793	17625	11	-0.403836	0.045717	152920786	152921552	152937448	15294013
342 NA18517	[2515685 chr7	7	156976112	156978464	2353	2	0.911482	0.102312	156975812	156976413	156977896	15697903
343 NA18517	[2515685 chr7	7	158617060	158624378	7319	6	0.781325	0.06661	158616763	158617357	158622028	15862672

344 NA18517	[2515685 chr8	8	345497	346408	912	2	0.889558	0.113835	345046	345949	346376	346440
345 NA18517	[2515685 chr8	8	1328256	1343509	15254	45	-0.625881	0.020923	1327688	1328824	1342795	1344224
346 NA18517	[2515685 chr8	8	1396135	1411197	15063	15	-0.251819	0.039279	1395585	1396686	1410954	1411440
347 NA18517	[2515685 chr8	8	2202770	2203520	751	3	-0.518343	0.073935	2202506	2203034	2203382	2203654
348 NA18517	[2515685 chr8	8	2238734	2253793	15060	10	0.48089	0.049557	2233839	2241488	2251039	2257524
349 NA18517	[2515685 chr8	8	4110204	4112526	2323	2	3.644269	0.198456	4109692	4110717	4112031	4113024
350 NA18517	[2515685 chr8	8	5200534	5205507	4974	6	0.298433	0.059453	5200167	5200902	5205163	5205854
351 NA18517	[2515685 chr8	8	5582875	5594011	11137	9	0.843336	0.049083	5582615	5583135	5592820	5595203
352 NA18517	[2515685 chr8	8	6817073	6866494	49422	87	-0.433298	0.01464	6816809	6817338	6866269	6866714
353 NA18517	[2515685 chr8	8	7146048	7158275	12228	26	-0.288043	0.028493	7145836	7146261	7158119	7158434
354 NA18517	[2515685 chr8	8	7169762	7172045	2284	5	-0.429685	0.06665	7169579	7169945	7170788	7173304
355 NA18517	[2515685 chr8	8	7197230	7391234	194005	301	-0.360573	0.008493	7197173	7197288	7391061	7391407
356 NA18517	[2515685 chr8	8	7669670	7814852	145183	233	-0.369158	0.009614	7669496	7669844	7814687	7815014
357 NA18517	[2515685 chr8	8	7878189	7880580	2392	5	-0.429685	0.06665	7876934	7879444	7880287	7880873
358 NA18517	[2515685 chr8	8	7895770	7902515	6746	15	-0.304896	0.037471	7895655	7895886	7902043	7902984
359 NA18517	[2515685 chr8	8	7950916	7953632	2717	6	-0.360942	0.057005	7950711	7951122	7953355	7953904
360 NA18517	[2515685 chr8	8	12034819	12064826	30008	51	-0.277631	0.019146	12034665	12034973	12064663	12064984
361 NA18517	[2515685 chr8	8	12304341	12314107	9767	18	-0.349281	0.031249	12304245	12304438	12313944	12314271
362 NA18517	[2515685 chr8	8	12446514	12449565	3052	4	-0.467549	0.071065	12445978	12447051	12448402	12450724
363 NA18517	[2515685 chr8	8	16245461	16251509	6049	6	-2.765306	0.117242	16245129	16245794	16250812	16252207
364 NA18517	[2515685 chr8	8	20022286	20024771	2486	2	-0.7079	0.117998	20021082	20023491	20024338	20025204
365 NA18517	[2515685 chr8	8	21832667	21833967	1301	2	0.629289	0.105772	21832108	21833227	21833678	21834257
366 NA18517	[2515685 chr8	8	39351178	39506673	155496	163	0.807809	0.012561	39350826	39351530	39505284	39508064
367 NA18517	[2515685 chr8	8	49081430	49084499	3070	2	0.972302	0.119115	49079497	49083364	49084089	49084914
368 NA18517	[2515685 chr8	8	58278355	58289214	10860	9	0.966403	0.047716	58277116	58279595	58288084	58290344
369 NA18517	[2515685 chr8	8	58342071	58350616	8546	5	0.385046	0.064328	58341760	58342382	58350364	58350864
370 NA18517	[2515685 chr8	8	85423649	85431920	8272	7	1.001389	0.059368	85423043	85424256	85431347	85432494
371 NA18517	[2515685 chr8	8	86742169	86910255	168087	105	0.428908	0.013295	86741757	86742581	86910002	86910504
372 NA18517	[2515685 chr8	8	123128534	123130270	1737	2	-0.797824	0.127536	123127942	123129127	123130019	123130524
373 NA18517	[2515685 chr8	8	142071432	142076230	4799	6	0.534692	0.062489	142070908	142071957	142073476	142110864
374 NA18517	[2515685 chr8	8	144782810	144785960	3151	2	0.610991	0.102886	144771440	144785564	144785821	144786094
375 NA18517	[2515685 chr8	8	145262133	145267467	5335	7	-0.321419	0.051144	145260806	145263460	145267316	145267614
376 NA18517	[2515685 chr9	9	1022	39976	38955	62	-0.261979	0.018318	1	2044	38541	41412
377 NA18517	[2515685 chr9	9	310045	312573	2529	61	-1.703537	0.020509	309952	310139	312407	312740
378 NA18517	[2515685 chr9	9	505204	518415	13212	11	-0.959324	0.052007	504417	505991	516633	520194
379 NA18517	[2515685 chr9	9	19116775	19118304	1530	2	0.814503	0.126864	19116471	19117079	19117918	19118694
380 NA18517	[2515685 chr9	9	28836246	28838385	2140	2	-0.879884	0.099228	28835879	28836613	28837661	28839114
381 NA18517	[2515685 chr9	9	33688323	33689560	1238	2	-0.644286	0.119008	33687588	33689059	33689374	33689744
382 NA18517	[2515685 chr9	9	38856017	38864486	8470	16	-0.279151	0.035597	38849975	38858379	38864433	38864534
383 NA18517	[2515685 chr9	9	39818431	39822887	4457	9	0.276366	0.048839	39818000	39818862	39822472	39823304
384 NA18517	[2515685 chr9	9	41234952	41243367	8416	13	-0.308082	0.040399	41234900	41235005	41241005	41249464
385 NA18517	[2515685 chr9	9	41642009	41646461	4453	8	0.282054	0.051188	41641595	41642423	41646031	41646894
386 NA18517	[2515685 chr9	9	42075469	42078332	2864	5	0.422125	0.059054	42075304	42075634	42078087	42078574
387 NA18517	[2515685 chr9	9	42639862	42643779	3918	8	-0.279654	0.048367	42639537	42640187	42643538	42644027
388 NA18517	[2515685 chr9	9	42760065	42762940	2876	5	0.354591	0.05727	42759900	42760230	42762696	42763184
389 NA18517	[2515685 chr9	9	42880741	42883616	2876	5	0.354602	0.057271	42880576	42880906	42883372	42883864
390 NA18517	[2515685 chr9	9	45204355	45400622	196268	129	0.299661	0.012797	45202442	45206269	45400280	45400964
391 NA18517	[2515685 chr9	9	45429499	45493025	63527	31	0.251138	0.026588	45429117	45429882	45490663	45498264
392 NA18517	[2515685 chr9	9	66047392	66055802	8411	14	-0.304994	0.039928	66047340	66047445	66053440	66061904
393 NA18517	[2515685 chr9	9	66527735	66688458	160724	243	0.283081	0.009448	66477921	66530097	66688100	66688814
394 NA18517	[2515685 chr9	9	66730440	66739722	9283	17	0.352469	0.036834	66730246	66730634	66739448	66739994
395 NA18517	[2515685 chr9	9	67195876	67196883	1008	2	0.465401	0.090552	67195691	67196062	67196717	67197044
396 NA18517	[2515685 chr9	9	68200977	68201915	939	2	0.680176	0.100423	68200578	68201376	68201730	68202104
397 NA18517	[2515685 chr9	9	76777070	76779384	2315	2	0.689599	0.123208	76776756	76777385	76778920	76779844
398 NA18517	[2515685 chr9	9	76785489	76787598	2110	2	-0.873642	0.102409	76785038	76785941	76787269	76787924

399 NA18517	[2515685 chr9	9	80878260	80879919	1660	2	0.550978	0.102275	80877780	80878740	80879539	8088029!
400 NA18517	[2515685 chr9	9	112902065	112931264	29200	41	0.414918	0.020759	112901557	112902574	112930907	11293162
401 NA18517	[2515685 chr9	9	137520450	137524423	3974	6	-0.363186	0.062427	137520154	137520746	137524196	13752465
402 NA18517	[2515685 chr9	9	138397462	138399638	2177	11	-0.348131	0.048473	138397454	138397471	138399572	13839970
403 NA18517	[2515685 chr10	10	6693908	6703893	9986	8	0.841846	0.056157	6692231	6695585	6703779	670400!
404 NA18517	[2515685 chr10	10	7133746	7179673	45928	45	0.532713	0.02249	7133008	7134485	7179277	718007!
405 NA18517	[2515685 chr10	10	37856225	37864429	8205	7	-0.814124	0.061833	37855807	37856644	37861684	3791733!
406 NA18517	[2515685 chr10	10	46097898	47975665	1877768	2692	-0.263663	0.002215	46097600	46098197	47975512	4797581!
407 NA18517	[2515685 chr10	10	48288446	48936140	647695	960	-0.263663	0.002215	48287551	48289341	48935745	4893653!
408 NA18517	[2515685 chr10	10	49055348	49057481	2134	7	-0.290477	0.053101	49055051	49055646	49057140	4905782!
409 NA18517	[2515685 chr10	10	51122779	51132551	9773	10	-0.407554	0.043706	51122606	51122953	51132382	5113272!
410 NA18517	[2515685 chr10	10	56117212	56139275	22064	20	-0.932453	0.034432	56115764	56118661	56138931	5613961!
411 NA18517	[2515685 chr10	10	62097182	62098101	920	3	-0.804491	0.094445	62097051	62097313	62098782	6209833!
412 NA18517	[2515685 chr10	10	70175920	70179127	3208	2	0.473005	0.092478	70174479	70177361	70178825	7017943!
413 NA18517	[2515685 chr10	10	81130008	81131239	1232	4	0.390322	0.067002	81129619	81130398	81131087	8113139!
414 NA18517	[2515685 chr10	10	81450207	81451438	1232	4	0.390331	0.067003	81449818	81450597	81451286	8145159!
415 NA18517	[2515685 chr10	10	81460101	81486874	26774	25	-0.258525	0.026895	81460023	81460179	81484542	8148920!
416 NA18517	[2515685 chr10	10	81622571	81625981	3411	7	-0.271728	0.052356	81621713	81623429	81625622	8162634
417 NA18517	[2515685 chr10	10	88864785	88966295	101511	112	-0.356767	0.013435	88863954	88865617	88965910	8896668!
418 NA18517	[2515685 chr10	10	88972215	88973430	1216	4	0.400594	0.067002	88971824	88972607	88973280	8897358
419 NA18517	[2515685 chr10	10	89132355	89179870	47516	82	-0.254952	0.016117	89132347	89132364	89179587	8918015!
420 NA18517	[2515685 chr10	10	124336365	124341749	5385	6	0.558799	0.066604	124335581	124337149	124341238	12434226
421 NA18517	[2515685 chr10	10	124350353	124366738	16386	21	-0.752708	0.028868	124350031	124350675	124366300	12436717
422 NA18517	[2515685 chr10	10	134168766	134170259	1494	17	-1.331051	0.044818	134168524	134169008	134170097	13417042
423 NA18517	[2515685 chr10	10	134813662	134816896	3235	4	-0.460443	0.06971	134813181	134814143	134816698	13481709
424 NA18517	[2515685 chr11	11	969654	971069	1416	2	1.117291	0.115962	969333	969976	970737	971401
425 NA18517	[2515685 chr11	11	1048733	1050368	1636	2	-0.781199	0.117636	1048209	1049258	1050008	105072!
426 NA18517	[2515685 chr11	11	2840307	2842410	2104	3	1.066136	0.098241	2839959	2840656	2841856	284296!
427 NA18517	[2515685 chr11	11	2999681	3137580	137900	2	-0.586782	0.0929	2949255	3002762	3134499	317326!
428 NA18517	[2515685 chr11	11	3271902	3274139	2238	3	-0.719701	0.086094	3271303	3272502	3273580	327469!
429 NA18517	[2515685 chr11	11	3559609	3562263	2655	5	-0.399023	0.063458	3559279	3559939	3561979	356254!
430 NA18517	[2515685 chr11	11	3628748	3632795	4048	6	-1.163835	0.066111	3625722	3631775	3632594	363299!
431 NA18517	[2515685 chr11	11	4203852	4334469	130618	167	0.370213	0.011304	4203641	4204063	4334236	433470!
432 NA18517	[2515685 chr11	11	4924115	4932599	8485	9	-0.882286	0.050864	4923827	4924403	4931948	493325!
433 NA18517	[2515685 chr11	11	5717038	5722026	4989	3	3.364597	0.145554	5716660	5717416	5718945	572548!
434 NA18517	[2515685 chr11	11	5741269	5765993	24725	32	2.438953	0.042398	5741059	5741480	5765632	576635!
435 NA18517	[2515685 chr11	11	11831868	11833089	1222	2	0.930436	0.113897	11831412	11832324	11832853	1183332!
436 NA18517	[2515685 chr11	11	18906905	18928671	21767	30	0.486147	0.027537	18906533	18907278	18928457	1892888!
437 NA18517	[2515685 chr11	11	21803767	21805833	2067	3	-0.83106	0.084798	21803616	21803918	21805682	218059!
438 NA18517	[2515685 chr11	11	28965605	28969186	3582	5	3.33727	0.148877	28965284	28965927	28968702	2896967!
439 NA18517	[2515685 chr11	11	36927446	37069002	141557	6	0.315872	0.062252	36835873	36930527	37068060	370699!
440 NA18517	[2515685 chr11	11	48284073	48284771	699	2	0.972491	0.106112	48283862	48284285	48284572	4828497!
441 NA18517	[2515685 chr11	11	48997072	49001951	4880	10	0.431143	0.046585	48996760	48997384	49001459	490024!
442 NA18517	[2515685 chr11	11	49072856	49075952	3097	6	0.380111	0.060834	49072572	49073140	49075650	490762!
443 NA18517	[2515685 chr11	11	49665830	49715829	50000	36	0.501524	0.024908	49665251	49666410	49712748	497219!
444 NA18517	[2515685 chr11	11	55348334	55350588	2255	3	-0.418631	0.08339	55348047	55348621	55350206	5535097!
445 NA18517	[2515685 chr11	11	73812690	73817979	5290	3	-0.533202	0.088385	73812400	73812981	73817746	738182!
446 NA18517	[2515685 chr11	11	77325699	77348590	22892	4	-0.338347	0.06403	77318692	77328780	77345509	773702!
447 NA18517	[2515685 chr11	11	81149111	81152122	3012	4	0.463772	0.080617	81148927	81149295	81151934	811523!
448 NA18517	[2515685 chr11	11	81167365	81169409	2045	3	-0.574117	0.082595	81166938	81167792	81168628	811701!
449 NA18517	[2515685 chr11	11	88266938	88285191	18254	26	0.268716	0.023542	88266424	88267453	88284987	882853!
450 NA18517	[2515685 chr11	11	88295926	88303948	8023	9	0.268716	0.023542	88293741	88298112	88303762	883041!
451 NA18517	[2515685 chr11	11	89184898	89188706	3809	4	0.800414	0.081365	89184243	89185554	89188235	891891!
452 NA18517	[2515685 chr11	11	89323378	89327673	4296	10	0.273984	0.047597	89323091	89323665	89327396	893279!
453 NA18517	[2515685 chr11	11	104230730	104231763	1034	2	0.748073	0.115852	104230355	104231105	104231474	1042320!

454 NA18517	[2515685 chr11	11	106744846	106751052	6207	9	-2.986515	0.096365	106744561	106745131	106747971	106754831
455 NA18517	[2515685 chr11	11	134107699	134112290	4592	5	0.752771	0.069084	134106591	134108808	134111845	134112731
456 NA18517	[2515685 chr12	12	300666	302505	1840	2	-0.898912	0.109274	300400	300933	301926	303084
457 NA18517	[2515685 chr12	12	736840	744802	7963	9	0.89002	0.050372	736616	737064	744211	745394
458 NA18517	[2515685 chr12	12	2112534	2127044	14511	15	0.707188	0.039555	2109107	2115961	2126809	2127279
459 NA18517	[2515685 chr12	12	3261044	3262864	1821	2	-0.65796	0.106127	3260491	3261597	3262232	3263497
460 NA18517	[2515685 chr12	12	6113530	6117052	3523	3	0.526631	0.092772	6111640	6115421	6116289	6117816
461 NA18517	[2515685 chr12	12	7846762	7847901	1140	2	0.627382	0.104674	7846594	7846930	7847677	7848121
462 NA18517	[2515685 chr12	12	8254404	8262986	8583	10	-0.394528	0.045867	8254117	8254692	8262374	8263598
463 NA18517	[2515685 chr12	12	8455796	8458368	2573	2	0.833303	0.103352	8454283	8457309	8457860	8458877
464 NA18517	[2515685 chr12	12	9439936	9445623	5688	9	0.341171	0.045933	9439574	9440298	9445247	9446000
465 NA18517	[2515685 chr12	12	9524239	9526454	2216	2	0.568973	0.105911	9523968	9524510	9526036	9526872
466 NA18517	[2515685 chr12	12	9527659	9610804	83146	91	0.772602	0.017507	9526872	9528447	9610082	9611526
467 NA18517	[2515685 chr12	12	9787653	9788752	1100	2	-0.540257	0.100062	9787167	9788140	9788546	9788958
468 NA18517	[2515685 chr12	12	10468220	10487392	19173	16	-0.480123	0.038859	10466973	10469467	10486385	10488401
469 NA18517	[2515685 chr12	12	11038220	11039650	1431	3	0.436225	0.081827	11037861	11038580	11039445	11039851
470 NA18517	[2515685 chr12	12	11070849	11096185	25337	28	-0.275123	0.027998	11069857	11071841	11095976	11096397
471 NA18517	[2515685 chr12	12	11109398	11142012	32615	40	-0.546341	0.024051	11109206	11109590	11141608	11142417
472 NA18517	[2515685 chr12	12	11398049	11436142	38094	34	-0.880587	0.027022	11397507	11398591	11435669	11436611
473 NA18517	[2515685 chr12	12	11436142	11463223	27082	32	-0.340715	0.026804	11435669	11436615	11459990	11466457
474 NA18517	[2515685 chr12	12	12605956	12607299	1344	2	0.719404	0.133116	12605559	12606353	12606864	12607737
475 NA18517	[2515685 chr12	12	27539466	27545857	6392	9	-0.843359	0.054519	27539237	27539695	27545179	27546531
476 NA18517	[2515685 chr12	12	31157786	31161854	4069	4	0.458092	0.07418	31157274	31158299	31161033	31162671
477 NA18517	[2515685 chr12	12	31166636	31244780	78145	73	0.400376	0.017801	31164617	31168656	31244217	31245347
478 NA18517	[2515685 chr12	12	34099499	34108168	8670	13	-0.62356	0.043645	34099360	34099639	34107972	34108367
479 NA18517	[2515685 chr12	12	36209451	36218223	8773	11	-0.287417	0.042851	36200442	36212944	36216143	36220307
480 NA18517	[2515685 chr12	12	52786262	52797865	11604	14	-0.27168	0.038411	52785827	52786698	52797300	52798437
481 NA18517	[2515685 chr12	12	69156919	69167889	10971	11	0.803842	0.047585	69138649	69160412	69164396	69215017
482 NA18517	[2515685 chr12	12	71359792	71360949	1158	2	-0.743591	0.114896	71359585	71360000	71360706	71361119
483 NA18517	[2515685 chr12	12	78656134	78665261	9128	9	-0.457272	0.052062	78654687	78657582	78664736	78665787
484 NA18517	[2515685 chr12	12	87338120	87347005	8886	4	-0.476583	0.08026	87329173	87341613	87346311	87347701
485 NA18517	[2515685 chr12	12	132249060	132249924	865	2	1.184458	0.124845	132248918	132249203	132249666	132250187
486 NA18517	[2515685 chr13	13	25947233	25950398	3166	3	3.622541	0.164695	25946194	25948272	25949415	25951387
487 NA18517	[2515685 chr13	13	33036334	33042392	6059	6	0.921702	0.069233	33034735	33037934	33041860	33042921
488 NA18517	[2515685 chr13	13	41659638	41661666	2029	2	0.702539	0.113423	41659324	41659953	41660955	41662377
489 NA18517	[2515685 chr13	13	56611711	56645734	34024	47	0.733515	0.018678	56610946	56612477	56645321	56646147
490 NA18517	[2515685 chr13	13	56653890	56686136	32247	30	-3.237802	0.052119	56650401	56657380	56685381	56686897
491 NA18517	[2515685 chr13	13	69633905	69673289	39385	42	0.872492	0.024332	69633412	69634399	69672985	69673597
492 NA18517	[2515685 chr13	13	104579799	104581514	1716	3	0.471022	0.085266	104579321	104580277	104581285	104581747
493 NA18517	[2515685 chr13	13	110502383	110503129	747	3	0.992605	0.100066	110502225	110502541	110502890	110503367
494 NA18517	[2515685 chr13	13	113079647	113086820	7174	3	0.732195	0.088885	113078890	113080404	113082138	113094347
495 NA18517	[2515685 chr14	14	18527136	18541076	13941	6	-0.82903	0.062126	18526373	18527899	18540534	18541611
496 NA18517	[2515685 chr14	14	18692915	18696855	3941	6	-0.45967	0.058316	18691410	18694421	18696737	18696977
497 NA18517	[2515685 chr14	14	18850498	18869365	18868	17	-0.495024	0.036579	18850172	18850824	18866159	18872577
498 NA18517	[2515685 chr14	14	19265232	19321488	56257	53	-0.335177	0.020373	19261661	19268804	19321109	19321867
499 NA18517	[2515685 chr14	14	19322616	19476789	154174	139	-0.505036	0.012924	19321867	19323366	19476589	19476991
500 NA18517	[2515685 chr14	14	19488657	19494842	6186	8	-0.466603	0.05081	19488434	19488881	19494444	19495247
501 NA18517	[2515685 chr14	14	19619358	19625484	6127	3	2.635918	0.158246	19612261	19624114	19625018	19625951
502 NA18517	[2515685 chr14	14	32022775	32026140	3366	2	-0.922926	0.123408	32022274	32023276	32023749	32028537
503 NA18517	[2515685 chr14	14	34183356	34192233	8878	12	-0.736231	0.044205	34181692	34185020	34189097	34195371
504 NA18517	[2515685 chr14	14	42059344	42062997	3654	2	0.68369	0.113163	42056485	42062203	42062601	42063397
505 NA18517	[2515685 chr14	14	73063171	73119729	56559	51	0.705234	0.021739	73061866	73064476	73118276	73121118
506 NA18517	[2515685 chr14	14	77194461	77196644	2184	2	0.749929	0.01903	77194213	77194710	77196380	77196907
507 NA18517	[2515685 chr15	15	18536491	18565376	28886	31	-0.296738	0.024244	18535776	18537207	18563074	18572407
508 NA18517	[2515685 chr15	15	18982174	18983062	889	5	-0.408347	0.061148	18981996	18982352	18982968	18983157

509 NA18517	[2515685 chr15	15	19044664	19092673	48010	56	-0.304255	0.018466	19044489	19044840	19092490	19092851
510 NA18517	[2515685 chr15	15	19548332	19576980	28649	28	-0.288182	0.025171	19547623	19549041	19574678	19583644
511 NA18517	[2515685 chr15	15	19874194	19884979	10786	15	-1.136719	0.044237	19873671	19874718	19884772	19885181
512 NA18517	[2515685 chr15	15	20371610	20385080	13471	18	-0.524669	0.033391	20367922	20373912	20384584	20385577
513 NA18517	[2515685 chr15	15	20940396	20940987	592	4	-0.428481	0.066904	20940218	20940574	20940968	20941001
514 NA18517	[2515685 chr15	15	21003489	21051502	48014	50	-0.305121	0.019493	21003314	21003665	21051321	21051684
515 NA18517	[2515685 chr15	15	21227559	21230206	2648	12	-0.301572	0.039634	21227472	21227646	21230089	21230321
516 NA18517	[2515685 chr15	15	21606753	21614600	7848	7	0.925185	0.063886	21606459	21607047	21612298	21636691
517 NA18517	[2515685 chr15	15	22056876	22068810	11935	9	-0.291976	0.047301	22056649	22057103	22066508	22071221
518 NA18517	[2515685 chr15	15	22217690	22288061	70372	87	-0.318885	0.015864	22217361	22218020	22287878	22288244
519 NA18517	[2515685 chr15	15	22658272	22662229	3958	3	-0.954615	0.094232	22658051	22658494	22659927	22669491
520 NA18517	[2515685 chr15	15	24986053	24992250	6198	7	0.857737	0.061652	24985426	24986680	24991680	24992821
521 NA18517	[2515685 chr15	15	26875842	26877026	1185	2	1.034572	0.121818	26875299	26876385	26876824	26877221
522 NA18517	[2515685 chr15	15	28177626	28184037	6412	11	-0.25375	0.042245	28177335	28177917	28183447	28184621
523 NA18517	[2515685 chr15	15	30513546	30519966	6421	9	-0.280972	0.046218	30512958	30514135	30519675	30520251
524 NA18517	[2515685 chr15	15	32515477	32592621	77145	65	0.629637	0.019508	32514954	32516000	32592260	32592981
525 NA18517	[2515685 chr15	15	32594011	32598425	4415	3	0.483103	0.088363	32593777	32594245	32597169	32599681
526 NA18517	[2515685 chr15	15	43106834	43111174	4341	5	0.508337	0.063997	43106498	43107171	43111071	43111271
527 NA18517	[2515685 chr15	15	74671388	74682820	11433	9	0.967534	0.054805	74671122	74671654	74680518	74689511
528 NA18517	[2515685 chr15	15	75117585	75119946	2362	4	0.915215	0.076098	75117343	75117827	75119741	75120151
529 NA18517	[2515685 chr15	15	82858165	82880155	21991	5	-0.307352	0.061403	82851155	82860467	82877853	82891011
530 NA18517	[2515685 chr15	15	83685983	83688723	2741	2	-0.601934	0.106751	83684729	83687238	83687705	83689741
531 NA18517	[2515685 chr15	15	98234084	98240716	6633	8	0.845821	0.05695	98233842	98234327	98239350	98242081
532 NA18517	[2515685 chr15	15	98570178	98571936	1759	2	0.588482	0.113318	98569684	98570672	98571158	98572711
533 NA18517	[2515685 chr15	15	99453510	99455547	2038	3	0.969393	0.098322	99453160	99453860	99454156	99456931
534 NA18517	[2515685 chr15	15	100109640	100122682	13043	98	0.884392	0.013127	100108905	100110376	100122315	100123051
535 NA18517	[2515685 chr15	15	100274628	100337837	63210	62	-0.257411	0.018304	100269190	100276930	100336759	10033891
536 NA18517	[2515685 chr16	16	924	22315	21392	23	-0.280792	0.030332	1	1848	21856	22774
537 NA18517	[2515685 chr16	16	669910	671309	1400	2	0.754766	0.119158	669664	670156	670956	671663
538 NA18517	[2515685 chr16	16	2120889	2126876	5988	6	-0.352503	0.05793	2118476	2122769	2125012	2128747
539 NA18517	[2515685 chr16	16	5287117	5290631	3515	2	1.269345	0.132128	5286149	5288085	5288751	5293271
540 NA18517	[2515685 chr16	16	10107199	10108716	1518	2	0.620315	0.099147	10106939	10107460	10108461	10108971
541 NA18517	[2515685 chr16	16	12550392	12556181	5790	6	-0.397044	0.061613	12549915	12550869	12555671	12556691
542 NA18517	[2515685 chr16	16	12563891	12581450	17560	10	-0.280911	0.046556	12563523	12564260	12580760	12582141
543 NA18517	[2515685 chr16	16	12597420	12615138	17719	15	-0.729297	0.041415	12588878	12599300	12614734	12615541
544 NA18517	[2515685 chr16	16	14696077	14703775	7699	5	0.653246	0.05727	14695838	14696316	14703313	14704231
545 NA18517	[2515685 chr16	16	14704542	14707381	2840	2	0.584352	0.090552	14704237	14704848	14706351	14708411
546 NA18517	[2515685 chr16	16	14735195	14742897	7703	5	0.653246	0.05727	14734956	14735434	14742435	14743351
547 NA18517	[2515685 chr16	16	14743664	14746503	2840	2	0.584352	0.090552	14743359	14743970	14745473	14747531
548 NA18517	[2515685 chr16	16	14955818	15032337	76520	70	-0.253088	0.017596	14955356	14956281	15031429	15033241
549 NA18517	[2515685 chr16	16	16633469	16639120	5652	4	0.923427	0.077538	16632502	16634437	16638386	16639851
550 NA18517	[2515685 chr16	16	17697480	17701251	3772	4	0.393753	0.074438	17697179	17697782	17700912	17701591
551 NA18517	[2515685 chr16	16	18151022	18152702	1681	2	-0.66625	0.113539	18150515	18151530	18152244	18153161
552 NA18517	[2515685 chr16	16	20403581	20404927	1347	2	-0.983228	0.11019	20403144	20404018	20404663	20405191
553 NA18517	[2515685 chr16	16	20407242	20409638	2397	3	-0.568834	0.091278	20406711	20407774	20409451	20409821
554 NA18517	[2515685 chr16	16	21369812	21371755	1944	7	0.432623	0.053619	21369629	21369995	21371746	21371761
555 NA18517	[2515685 chr16	16	21470801	21717548	246748	232	0.456116	0.009546	21470452	21471150	21717221	21717871
556 NA18517	[2515685 chr16	16	22363949	22455430	91482	228	0.25536	0.007122	22363506	22364393	22455152	22455701
557 NA18517	[2515685 chr16	16	22460448	22618743	158296	144	0.25536	0.007122	22460429	22460468	22617181	22620301
558 NA18517	[2515685 chr16	16	28322704	28335549	12846	14	-0.333783	0.040082	28322585	28322823	28334190	28336901
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575 NA18517	[2515685 chr16	16	33207215	33217055	9841	18	0.342155	0.032154	33206951	33207480	33216946	33217161
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577 NA18517	[2515685 chr16	16	33392689	33397333	4645	8	0.338013	0.050922	33392062	33393316	33397172	33397491
578 NA18517	[2515685 chr16	16	33432825	33450976	18152	32	0.330561	0.025589	33432564	33433086	33449096	33455811
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585 NA18517	[2515685 chr16	16	70647868	70650857	2990	4	0.418891	0.077787	70647656	70648081	70650462	70651251
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587 NA18517	[2515685 chr16	16	76930776	76942282	11507	9	0.636065	0.049489	76930290	76931263	76941602	76942961
588 NA18517	[2515685 chr16	16	84561410	84565235	3826	12	-0.364909	0.044542	84561136	84561685	84565142	84565321
589 NA18517	[2515685 chr16	16	85087756	85089036	1281	2	0.826081	0.111404	85087427	85088085	85088690	85089381
590 NA18517	[2515685 chr16	16	86472841	86481860	9020	8	0.277321	0.052686	86472244	86473439	86481478	86482241
591 NA18517	[2515685 chr16	16	88181036	88182713	1678	2	0.721245	0.107477	88180612	88181461	88182173	88183251
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593 NA18517	[2515685 chr17	17	656310	657586	1277	2	-0.529435	0.100409	655962	656659	657277	657896
594 NA18517	[2515685 chr17	17	16657271	16665630	8360	13	-0.584786	0.043483	16657056	16657486	16665353	16665901
595 NA18517	[2515685 chr17	17	18297586	18312755	15170	23	0.580322	0.031492	18297407	18297765	18311481	18314031
596 NA18517	[2515685 chr17	17	18314297	18326922	12626	16	0.259757	0.036536	18314030	18314564	18326524	18327321
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598 NA18517	[2515685 chr17	17	19026058	19040012	13955	18	0.272509	0.032392	19025712	19026404	19039666	19040351
599 NA18517	[2515685 chr17	17	20299935	20300531	597	2	-0.674846	0.09935	20299568	20300303	20300311	20300751
600 NA18517	[2515685 chr17	17	20304465	20335856	31392	44	0.338183	0.021939	20304107	20304823	20335559	20336151
601 NA18517	[2515685 chr17	17	21386421	21388859	2439	3	-0.437966	0.085587	21386258	21386584	21388220	21389491
602 NA18517	[2515685 chr17	17	21826349	21834752	8404	7	0.30869	0.049349	21826238	21826461	21833710	21835791
603 NA18517	[2515685 chr17	17	21942843	21954909	12067	20	-0.296492	0.032057	21942618	21943068	21954628	21955191
604 NA18517	[2515685 chr17	17	22090184	22117008	26825	11	-0.277642	0.042639	22080287	22092384	22116877	22117131
605 NA18517	[2515685 chr17	17	23009572	23010538	967	2	0.547775	0.095938	23009093	23010051	23010060	23011011
606 NA18517	[2515685 chr17	17	31430406	31838190	407785	549	0.574593	0.005537	31429658	31431155	31837915	31838461
607 NA18517	[2515685 chr17	17	31843365	31888495	45131	78	0.574593	0.005537	31843183	31843547	31888204	31888781
608 NA18517	[2515685 chr17	17	32829500	32835174	5675	6	0.755531	0.068032	32828825	32830175	32833793	32836551
609 NA18517	[2515685 chr17	17	33324385	33348941	24557	16	0.255001	0.034472	33323841	33324930	33348664	33349211
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611 NA18517	[2515685 chr17	17	33583170	33656856	73687	127	0.44667	0.006889	33582987	33583353	33656725	33656981
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617 NA18517	[2515685 chr17	17	41770024	41921615	151592	148	-0.336792	0.006736	41769768	41770281	41920590	41922641
618 NA18517	[2515685 chr17	17	41987438	42137410	149973	142	-0.336792	0.006736	41987182	41987695	42135210	42141941



619 NA18517	[2515685 chr17	17	42983828	43026670	42843	61	0.671435	0.019619	42983488	42984168	43025568	4302777:
620 NA18517	[2515685 chr17	17	55368842	55372541	3700	5	0.391882	0.067602	55368278	55369406	55372325	5537275:
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625 NA18517	[2515685 chr17	17	57681793	57708812	27020	57	0.374743	0.015212	57680114	57683473	57708467	5770915:
626 NA18517	[2515685 chr17	17	62482353	62484270	1918	2	-0.541952	0.105422	62482048	62482658	62483557	6248498:
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628 NA18517	[2515685 chr18	18	9805250	9806206	957	2	-0.679404	0.107718	9804637	9805863	9806038	980637:
629 NA18517	[2515685 chr18	18	28142218	28143399	1182	2	1.038496	0.124181	28141854	28142583	28143055	2814374:
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631 NA18517	[2515685 chr18	18	74297715	74299391	1677	5	-0.655757	0.064708	74297243	74298187	74299167	7429961:
632 NA18517	[2515685 chr18	18	74373005	74376367	3363	7	-0.342316	0.049604	74372064	74373947	74375833	7437690:
633 NA18517	[2515685 chr18	18	74392800	74398225	5426	4	0.646153	0.075722	74390826	74394774	74397790	7439866:
634 NA18517	[2515685 chr19	19	58103	60766	2664	2	0.664028	0.100318	57927	58280	60510	61022
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637 NA18517	[2515685 chr19	19	20388989	20510144	121156	67	-0.516614	0.018842	20388802	20389176	20509558	2051073:
638 NA18517	[2515685 chr19	19	22150585	22151409	825	2	-0.912157	0.148398	22150417	22150753	22151291	2215152:
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641 NA18517	[2515685 chr19	19	23007903	23013841	5939	6	0.886319	0.06784	22990964	23010431	23013525	2301415:
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643 NA18517	[2515685 chr19	19	23166066	23171357	5292	6	0.586062	0.061783	23165304	23166829	23170729	2317198:
644 NA18517	[2515685 chr19	19	23257205	23258538	1334	2	-4.534315	0.268538	23256882	23257529	23258213	2325886:
645 NA18517	[2515685 chr19	19	24152645	24154351	1707	15	-0.286799	0.038238	24152634	24152657	24153348	2415535:
646 NA18517	[2515685 chr19	19	39419837	39422498	2662	4	0.464803	0.079064	39419616	39420059	39421681	3942331:
647 NA18517	[2515685 chr19	19	39832413	39842049	9637	4	-0.855335	0.085599	39832159	39832668	39839521	3984641:
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650 NA18517	[2515685 chr19	19	44914561	44919210	4650	6	-0.299595	0.059764	44913308	44915815	44918867	4491955:
651 NA18517	[2515685 chr19	19	48283617	48344337	60721	25	0.349155	0.030481	48282971	48284263	48343479	4834519:
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653 NA18517	[2515685 chr19	19	48470790	48478850	8061	10	0.365497	0.048459	48469979	48471602	48478689	4847901:
654 NA18517	[2515685 chr19	19	49861558	49864037	2480	2	-0.894218	0.093397	49861247	49861870	49862236	4986583:
655 NA18517	[2515685 chr19	19	58209430	58246367	36938	29	-0.775626	0.028322	58208997	58209863	58245896	5824683:
656 NA18517	[2515685 chr19	19	59247755	59252061	4307	5	0.814197	0.0712	59246427	59249084	59251854	5925226:
657 NA18517	[2515685 chr19	19	59417162	59421597	4436	7	-0.350186	0.052514	59416759	59417566	59421354	5942184:
658 NA18517	[2515685 chr19	19	59422281	59435274	12994	15	-0.779559	0.039976	59421840	59422722	59435027	5943552:
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660 NA18517	[2515685 chr19	19	60958920	60976029	17110	15	-1.165634	0.042372	60957933	60959907	60975748	6097631:
661 NA18517	[2515685 chr20	20	1500976	1511097	10122	11	-0.398428	0.041786	1500749	1501203	1510534	151166:
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663 NA18517	[2515685 chr20	20	1533078	1544060	10983	16	-0.470855	0.034624	1532773	1533384	1543588	154453:
664 NA18517	[2515685 chr20	20	44395410	44397048	1639	2	-0.496459	0.099167	44395132	44395689	44396624	4439747:
665 NA18517	[2515685 chr20	20	45887273	45889273	2001	2	-0.54448	0.099826	45886899	45887647	45888652	4588989:
666 NA18517	[2515685 chr20	20	59951513	59957050	5538	18	1.021099	0.035724	59950681	59952345	59956538	5995756:
667 NA18517	[2515685 chr20	20	59979365	59980324	960	3	0.500891	0.095502	59979109	59979622	59979994	5998065:
668 NA18517	[2515685 chr20	20	61708834	61711805	2972	22	-0.420506	0.030515	61708573	61709096	61711616	6171199:
669 NA18517	[2515685 chr20	20	62113559	62114878	1320	18	-0.549631	0.036711	62113491	62113628	62114687	6211507:
670 NA18517	[2515685 chr20	20	62233505	62235897	2393	4	0.499688	0.06403	62232847	62234163	62235101	6223669:
671 NA18517	[2515685 chr20	20	62414559	62429848	15290	13	-0.35591	0.041961	62406565	62417970	62429329	6243036:
672 NA18517	[2515685 chr21	21	10042211	10076005	33795	42	0.325055	0.022705	10041840	10042583	10045742	1007626:
673 NA18517	[2515685 chr21	21	10111093	10114169	3077	3	0.46293	0.075341	10110744	10111443	10113120	1011521:

674 NA18517	[2515685 chr21	21	22108709	22109827	1119	2	-0.795902	0.103431	22108337	22109081	22109454	22110207
675 NA18517	[2515685 chr22	22	16994271	16998336	4066	2	1.419345	0.11046	16994031	16994511	16995658	17001727
676 NA18517	[2515685 chr22	22	17032140	17127114	94975	145	0.307909	0.007552	17031480	17032801	17125408	17128827
677 NA18517	[2515685 chr22	22	17142194	17254756	112563	194	0.307909	0.007552	17141910	17142478	17252078	17259087
678 NA18517	[2515685 chr22	22	17385504	17394963	9460	17	-0.42346	0.035746	17385031	17385977	17394595	17395337
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683 NA18517	[2515685 chr22	22	19380073	19419484	39412	12	-0.396134	0.043055	19377752	19382395	19416806	19449921
684 NA18517	[2515685 chr22	22	19791149	19793611	2463	6	0.478267	0.058056	19791060	19791239	19793348	19793871
685 NA18517	[2515685 chr22	22	19811736	19821124	9389	16	0.460419	0.036847	19811477	19811995	19820762	19821481
686 NA18517	[2515685 chr22	22	19852244	19873608	21365	46	0.364184	0.021052	19852072	19852416	19873545	19873677
687 NA18517	[2515685 chr22	22	19915692	19936674	20983	28	0.554726	0.027369	19915439	19915945	19936014	19937337
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691 NA18517	[2515685 chr22	22	20137248	20243639	106392	148	-0.370596	0.008447	20136561	20137935	20240961	20302287
692 NA18517	[2515685 chr22	22	22688523	22690382	1860	2	-1.12194	0.123361	22687378	22689669	22690146	22690611
693 NA18517	[2515685 chr22	22	22985370	22986040	671	3	0.481036	0.083512	22985041	22985699	22985733	22986347
694 NA18517	[2515685 chr22	22	22995064	22998522	3459	9	0.297953	0.051468	22994927	22995201	22997635	22999401
695 NA18517	[2515685 chr22	22	25351602	25356569	4968	3	0.524954	0.100148	25350914	25352291	25355824	25357317
696 NA18517	[2515685 chr22	22	33619409	33623490	4082	5	0.808693	0.066958	33618939	33619879	33622642	33624331
697 NA18517	[2515685 chr22	22	36443976	36445478	1503	3	-0.471056	0.073936	36443462	36444491	36445433	36445527
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1 NA12740	[2515685 chr1	1	586550	587572	1023	5	0.474143	0.065149	586277	586824	587344	587800
2 NA12740	[2515685 chr1	1	601041	612159	11119	8	-1.058252	0.053805	587801	604315	610122	614196
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9 NA12740	[2515685 chr1	1	12843376	12851108	7733	12	0.441556	0.041607	12843104	12843649	12850914	12851307
10 NA12740	[2515685 chr1	1	12884329	12886858	2530	4	0.526849	0.061534	12884224	12884434	12886536	12887181
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14 NA12740	[2515685 chr1	1	16723148	16728150	5003	11	0.290342	0.042656	16722924	16723372	16728032	16728261
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18 NA12740	[2515685 chr1	1	72478372	72524180	45809	36	-2.690253	0.043638	72478140	72478604	72523661	72524701
19 NA12740	[2515685 chr1	1	105847860	105852177	4318	2	-0.842849	0.121303	105846921	105848800	105849105	10585525
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26 NA12740	[2515685 chr1	1	145046862	145047267	406	2	0.883076	0.088947	145046708	145047016	145047025	14504750
27 NA12740	[2515685 chr1	1	145819039	145839481	20443	24	0.395721	0.030407	145818915	145819164	145839093	14583986
28 NA12740	[2515685 chr1	1	145855190	145859584	4395	3	0.690641	0.086686	145848112	145858464	145859395	14585977
29 NA12740	[2515685 chr1	1	145896002	145899638	3637	3	0.731775	0.094676	145894632	145897372	145899362	14589991
30 NA12740	[2515685 chr1	1	145929568	145951531	21964	26	0.487468	0.029017	145929405	145929732	145951467	14595159

31 NA12740	[2515685 chr1	1	145958491	145960052	1562	2	0.699599	0.110601	145957782	145959200	145959639	14596046
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36 NA12740	[2515685 chr1	1	158292764	158377943	85180	101	-0.262111	0.014189	158292386	158293142	158377670	15837821
37 NA12740	[2515685 chr1	1	193443495	193446696	3202	4	0.371502	0.068923	193443280	193443710	193446478	19344691
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122 NA12740	[2515685 chr4	4	8739800	8756949	17150	26	1.019857	0.02424	8739551	8740049	8756813	875708
123 NA12740	[2515685 chr4	4	9001573	9046719	45147	86	0.497009	0.01284	9001243	9001903	9046129	904730
124 NA12740	[2515685 chr4	4	9812346	9813108	763	33	0.391522	0.020228	9812284	9812408	9812952	981326
125 NA12740	[2515685 chr4	4	9887220	9911397	24178	31	2.011673	0.042868	9886886	9887555	9910388	991240
126 NA12740	[2515685 chr4	4	34602797	34650994	48198	45	0.813585	0.024134	34601994	34603600	34649535	3465245
127 NA12740	[2515685 chr4	4	64522941	64543857	20917	20	-0.779838	0.037366	64522682	64523201	64542552	6454516
128 NA12740	[2515685 chr4	4	69203228	69319814	116587	70	1.193009	0.024023	69202934	69203523	69319569	6932005
129 NA12740	[2515685 chr4	4	69319814	69341211	21398	18	0.326396	0.019248	69319569	69320059	69340966	6934145
130 NA12740	[2515685 chr4	4	69347741	69365270	17530	21	0.326396	0.019248	69347112	69348370	69365129	6936541
131 NA12740	[2515685 chr4	4	69672033	69693234	21202	22	0.294244	0.018346	69671975	69672092	69692988	6969348
132 NA12740	[2515685 chr4	4	69699752	69717280	17529	24	0.294244	0.018346	69699123	69700381	69717139	6971742
133 NA12740	[2515685 chr4	4	70328730	70416062	87333	86	0.517996	0.016593	70328526	70328934	70415760	7041636
134 NA12740	[2515685 chr4	4	92343585	92344675	1091	2	-0.802712	0.127044	92343246	92343924	92344415	9234493
135 NA12740	[2515685 chr4	4	117921301	117926615	5315	4	-0.372377	0.069482	117920899	117921704	117926216	11792701
136 NA12740	[2515685 chr4	4	132301988	132715246	413259	443	0.578018	0.007005	132301598	132302379	132712177	13272057
137 NA12740	[2515685 chr4	4	133002078	133043320	41243	22	-0.305635	0.02558	133001890	133002267	133042031	13304460
138 NA12740	[2515685 chr4	4	133328951	133330351	1601	2	-0.62141	0.121895	133328344	133329558	133330282	13333082
139 NA12740	[2515685 chr4	4	138537751	138549906	12156	14	0.919952	0.045278	138537443	138538059	138547414	13855239
140 NA12740	[2515685 chr4	4	145241837	145245588	3752	3	-0.750962	0.104089	145241488	145242187	145245192	14524598

141 NA12740	[2515685 chr4	4	153165782	153167368	1587	2	-0.676103	0.120791	153165270	153166294	153167278	15316745
142 NA12740	[2515685 chr4	4	162185314	162186247	934	2	0.646687	0.128517	162185095	162185534	162186003	16218649
143 NA12740	[2515685 chr4	4	162238360	162242562	4203	7	1.144838	0.057977	162238058	162238662	162242381	16224274
144 NA12740	[2515685 chr4	4	162551560	162562157	10598	14	-0.834805	0.045306	162551137	162551983	162561329	16256298
145 NA12740	[2515685 chr4	4	169183401	169368370	184970	163	0.823603	0.012259	169182712	169184090	169366713	16937002
146 NA12740	[2515685 chr4	4	185533276	185534552	1277	2	0.901877	0.133038	185532696	185533857	185534150	18553495
147 NA12740	[2515685 chr4	4	185535274	185544849	9576	9	0.989972	0.052557	185534955	185535593	185543276	18554642
148 NA12740	[2515685 chr4	4	187728494	187732907	4414	15	2.174873	0.054329	187728193	187728795	187732541	18773327
149 NA12740	[2515685 chr4	4	188255523	188269680	14158	235	0.330742	0.008779	188255215	188255831	188269403	18826995
150 NA12740	[2515685 chr4	4	189770846	189777511	6666	6	-0.310525	0.060364	189770482	189771211	189777107	18977791
151 NA12740	[2515685 chr4	4	189812041	189814133	2093	2	-0.962763	0.131716	189811777	189812306	189813742	18981452
152 NA12740	[2515685 chr4	4	190528602	190533163	4562	21	-2.830167	0.049677	190528058	190529146	190531664	19053466
153 NA12740	[2515685 chr4	4	190941429	190949181	7753	10	0.379343	0.044428	190941038	190941820	190948972	19094939
154 NA12740	[2515685 chr4	4	190993324	190997373	4050	7	0.391401	0.054953	190992967	190993681	190997254	19099749
155 NA12740	[2515685 chr5	5	318840	321498	2659	3	-0.630406	0.089175	318400	319280	321104	321895
156 NA12740	[2515685 chr5	5	731749	899786	168038	153	-0.279947	0.011396	731185	732314	899494	900078
157 NA12740	[2515685 chr5	5	948969	953016	4048	13	0.295666	0.032835	948182	949756	952851	953182
158 NA12740	[2515685 chr5	5	1075284	1079920	4637	24	0.267783	0.027062	1074709	1075859	1079566	108027
159 NA12740	[2515685 chr5	5	1122439	1126517	4079	39	-0.257218	0.020315	1122106	1122772	1126389	112664
160 NA12740	[2515685 chr5	5	1231558	1233247	1690	2	-0.92434	0.096871	1231167	1231949	1232879	123361
161 NA12740	[2515685 chr5	5	1624420	1686131	61712	21	-0.262756	0.031855	1597428	1627616	1685890	168637
162 NA12740	[2515685 chr5	5	12863961	12873512	9552	14	-0.847493	0.044646	12863778	12864144	12873198	1287382
163 NA12740	[2515685 chr5	5	17570241	17643104	72864	332	-0.404843	0.005884	17569932	17570551	17642455	1764375
164 NA12740	[2515685 chr5	5	17683634	17834666	151033	148	-0.404843	0.005884	17683042	17684227	17834235	1783509
165 NA12740	[2515685 chr5	5	21308420	21398924	90505	143	0.311352	0.011193	21307943	21308898	21398116	2139973
166 NA12740	[2515685 chr5	5	21513408	21533400	19993	44	-0.562146	0.020309	21513105	21513711	21533107	2153369
167 NA12740	[2515685 chr5	5	21970848	21975387	4540	9	0.360414	0.041813	21970438	21971258	21975163	2197561
168 NA12740	[2515685 chr5	5	22161042	22166561	5520	7	0.329047	0.05968	22160580	22161504	22166502	2216662
169 NA12740	[2515685 chr5	5	26829433	26837938	8506	7	0.791434	0.065204	26829009	26829858	26837469	2683840
170 NA12740	[2515685 chr5	5	32347584	32349795	2212	2	0.766377	0.123413	32347179	32347990	32349254	3235033
171 NA12740	[2515685 chr5	5	34214373	34232271	17899	44	-0.535713	0.020575	34214196	34214550	34231243	3423330
172 NA12740	[2515685 chr5	5	34281414	34289385	7972	21	0.360491	0.02918	34281362	34281466	34289301	3428946
173 NA12740	[2515685 chr5	5	68865200	68949968	84769	157	0.514739	0.011228	68864770	68865630	68949758	6895017
174 NA12740	[2515685 chr5	5	68961866	68989673	27808	69	-0.580084	0.015504	68960721	68963012	68989493	6898985
175 NA12740	[2515685 chr5	5	69045001	69175474	130474	320	0.39405	0.006956	69044855	69045147	69175422	6917552
176 NA12740	[2515685 chr5	5	69226683	69247838	21156	53	-0.576438	0.017777	69226508	69226858	69247660	6924801
177 NA12740	[2515685 chr5	5	69358940	69364794	5855	8	0.442544	0.050296	69358540	69359340	69364376	6936521
178 NA12740	[2515685 chr5	5	69388384	69404835	16452	21	0.379333	0.025796	69386439	69390329	69404157	6940551
179 NA12740	[2515685 chr5	5	69404835	69411352	6518	6	0.905055	0.051018	69404157	69405513	69410702	6941200
180 NA12740	[2515685 chr5	5	69443029	69461372	18344	31	0.307488	0.022108	69442701	69443358	69461108	6946163
181 NA12740	[2515685 chr5	5	69533449	69569414	35966	91	-0.593032	0.013342	69533271	69533627	69569234	6956959
182 NA12740	[2515685 chr5	5	69624725	69817505	192781	391	0.391114	0.006409	69624579	69624871	69816360	6981865
183 NA12740	[2515685 chr5	5	69817505	69865798	48294	120	-0.587208	0.011844	69816360	69818651	69865618	6986597
184 NA12740	[2515685 chr5	5	69918221	70048545	130325	301	0.383176	0.007135	69918169	69918273	70048399	7004869
185 NA12740	[2515685 chr5	5	70102565	70122889	20325	51	-0.578379	0.018005	70102390	70102740	70122711	7012306
186 NA12740	[2515685 chr5	5	70234358	70280260	45903	45	0.337249	0.018633	70233958	70234758	70279582	7028093
187 NA12740	[2515685 chr5	5	70280260	70286789	6530	6	0.882269	0.05058	70279582	70280938	70286122	7028745
188 NA12740	[2515685 chr5	5	70318496	70340791	22296	37	0.324002	0.020505	70318168	70318825	70340046	7034153
189 NA12740	[2515685 chr5	5	70346980	70426554	79575	137	0.529612	0.012164	70346969	70346991	70425419	7042768
190 NA12740	[2515685 chr5	5	70443382	70461691	18310	30	0.312142	0.02252	70443054	70443711	70461427	7046195
191 NA12740	[2515685 chr5	5	70533834	70569756	35923	90	-0.604194	0.013499	70533656	70534012	70569576	7056993
192 NA12740	[2515685 chr5	5	70580346	70696754	116409	255	0.317963	0.007756	70579879	70580814	70696498	7069701
193 NA12740	[2515685 chr5	5	81459209	81466059	6851	2	-1.502706	0.121843	81455614	81462405	81462863	8147028
194 NA12740	[2515685 chr5	5	93928460	93933101	4642	4	-0.411178	0.080976	93927706	93929215	93931984	9393421
195 NA12740	[2515685 chr5	5	97427204	97428353	1150	2	-4.302	0.257329	97426913	97427496	97428177	9742852

196 NA12740	[2515685 chr5	5	98882118	98900556	18439	35	-0.473695	0.024321	98881808	98882429	98900309	9890080:
197 NA12740	[2515685 chr5	5	99409393	99419037	9645	13	-0.437293	0.023121	99408997	99409789	99418328	9941974:
198 NA12740	[2515685 chr5	5	99423979	99436061	12083	19	-0.437293	0.023121	99423701	99424257	99433487	9943863:
199 NA12740	[2515685 chr5	5	99738581	99756720	18140	38	-0.443507	0.023168	99738184	99738978	99756474	9975696:
200 NA12740	[2515685 chr5	5	122649189	122651412	2224	3	0.491415	0.089985	122648933	122649446	122650032	12265279
201 NA12740	[2515685 chr5	5	137835848	137844134	8287	7	0.688036	0.061504	137835611	137836085	137843310	13784495
202 NA12740	[2515685 chr5	5	140203081	140218928	15848	20	2.090782	0.051782	140202344	140203819	140218508	14021934
203 NA12740	[2515685 chr5	5	165157996	165161604	3609	2	-0.787273	0.122498	165155280	165160712	165160802	16516240
204 NA12740	[2515685 chr5	5	175391058	175393797	2740	8	-0.328292	0.057346	175390888	175391228	175393522	17539407
205 NA12740	[2515685 chr5	5	180108385	180119119	10735	8	0.599762	0.054549	180108099	180108671	180115923	18013530
206 NA12740	[2515685 chr5	5	180275137	180280231	5095	5	0.542646	0.074303	180273651	180276623	180277035	18028376
207 NA12740	[2515685 chr5	5	180418059	180419113	1055	2	0.810425	0.131438	180417894	180418224	180418598	18041962
208 NA12740	[2515685 chr6	6	201823	233994	32172	22	-0.518512	0.031622	201415	202232	233746	234242
209 NA12740	[2515685 chr6	6	237270	240929	3660	3	-0.482209	0.088032	236563	237978	240278	241581
210 NA12740	[2515685 chr6	6	26959328	26977341	18014	39	-0.523247	0.022255	26958921	26959735	26976872	2697781
211 NA12740	[2515685 chr6	6	27035412	27041952	6541	14	0.366322	0.035863	27034986	27035839	27041040	2704286
212 NA12740	[2515685 chr6	6	29954251	30011802	57552	51	0.53574	0.021693	29950833	29957670	30011083	3001252
213 NA12740	[2515685 chr6	6	30025806	30028127	2322	3	0.506737	0.085709	30025409	30026203	30027297	3002895
214 NA12740	[2515685 chr6	6	32056378	32121527	65150	80	-0.282416	0.014313	32056113	32056644	32121053	3212200
215 NA12740	[2515685 chr6	6	32538780	32544819	6040	3	-0.555848	0.092951	32538477	32539084	32543082	3254655
216 NA12740	[2515685 chr6	6	32565102	32586862	21761	3	-0.996732	0.145121	32564888	32565316	32586127	3258759
217 NA12740	[2515685 chr6	6	32589957	32591649	1693	3	-0.624034	0.093007	32589338	32590576	32591403	3259189
218 NA12740	[2515685 chr6	6	32605125	32605958	834	2	-0.926766	0.116494	32604923	32605328	32605760	3260615
219 NA12740	[2515685 chr6	6	32653862	32655482	1621	3	0.995208	0.128386	32653679	32654046	32654980	3265598
220 NA12740	[2515685 chr6	6	32666229	32667673	1445	3	0.73603	0.08354	32665899	32666560	32667507	3266783
221 NA12740	[2515685 chr6	6	32678696	32680751	2056	3	0.579843	0.092045	32678507	32678885	32680547	3268095
222 NA12740	[2515685 chr6	6	32702716	32705737	3022	3	-0.462648	0.076016	32702285	32703148	32704019	3270745
223 NA12740	[2515685 chr6	6	32737263	32760803	23541	18	0.340294	0.036657	32737093	32737434	32760588	3276101
224 NA12740	[2515685 chr6	6	32799020	32809789	10770	12	0.387013	0.044881	32798752	32799289	32808807	3281077
225 NA12740	[2515685 chr6	6	58358886	58376078	17193	34	-0.534079	0.023366	58358525	58359247	58375178	5837697
226 NA12740	[2515685 chr6	6	74648985	74658753	9769	11	-0.795504	0.047034	74648748	74649222	74655247	7466226
227 NA12740	[2515685 chr6	6	77495034	77513517	18484	12	0.777031	0.046733	77493568	77496500	77510011	7751769
228 NA12740	[2515685 chr6	6	79023318	79093263	69946	70	0.835948	0.01877	79022028	79024609	79091909	7909461
229 NA12740	[2515685 chr6	6	79135546	79136806	1261	3	-0.475416	0.083072	79135298	79135795	79136434	7913717
230 NA12740	[2515685 chr6	6	87619300	87627777	8478	7	-0.921065	0.057609	87619165	87619436	87624271	8764283
231 NA12740	[2515685 chr6	6	115492959	115494541	1583	2	0.742063	0.123756	115492678	115493240	115494140	11549494
232 NA12740	[2515685 chr6	6	120671191	120671916	726	2	1.226163	0.11553	120670696	120671686	120671725	12067210
233 NA12740	[2515685 chr6	6	168780035	168781989	1955	4	0.532355	0.070601	168779504	168780567	168781555	16878242
234 NA12740	[2515685 chr6	6	170625506	170627028	1523	3	1.367336	0.105789	170625015	170625997	170626579	17062747
235 NA12740	[2515685 chr7	7	168267	175565	7299	13	0.325973	0.041247	167622	168913	175292	175838
236 NA12740	[2515685 chr7	7	3384111	3392461	8351	8	0.925851	0.057417	3383451	3384772	3390107	339561
237 NA12740	[2515685 chr7	7	9015342	9016892	1551	2	-0.564427	0.106812	9014883	9015802	9016671	901711
238 NA12740	[2515685 chr7	7	16871291	16874144	2854	4	0.39851	0.074983	16871031	16871551	16873563	1687472
239 NA12740	[2515685 chr7	7	29443211	29460360	17150	7	-0.396991	0.054803	29442384	29444038	29459286	2946143
240 NA12740	[2515685 chr7	7	29556260	29560204	3945	3	0.421769	0.078221	29555543	29556978	29559800	2956060
241 NA12740	[2515685 chr7	7	62001291	62001715	425	2	-0.481822	0.093882	62001204	62001378	62001559	6200187
242 NA12740	[2515685 chr7	7	62254472	62255088	617	4	0.852669	0.076284	62254309	62254635	62254924	6225525
243 NA12740	[2515685 chr7	7	62302079	62302696	618	4	0.852685	0.076285	62301915	62302243	62302533	6230285
244 NA12740	[2515685 chr7	7	64028200	64046357	18158	49	-0.301574	0.020207	64027276	64029125	64046143	6404657
245 NA12740	[2515685 chr7	7	64162316	64165371	3056	2	0.699782	0.136102	64160143	64164489	64165089	6416565
246 NA12740	[2515685 chr7	7	64464087	64480934	16848	45	-0.303535	0.021138	64463669	64464506	64480451	6448141
247 NA12740	[2515685 chr7	7	64539824	64556662	16839	47	-0.289381	0.020394	64539348	64540300	64556244	6455708
248 NA12740	[2515685 chr7	7	69866390	69869623	3234	4	0.573493	0.08225	69865412	69867368	69869269	6986997
249 NA12740	[2515685 chr7	7	69869623	69871056	1434	2	3.187345	0.174929	69869269	69869978	69870420	6987169
250 NA12740	[2515685 chr7	7	72014016	72014871	856	3	1.027289	0.078305	72013991	72014042	72014598	7201514

251 NA12740	[2515685 chr7	7	73823778	73824413	636	3	0.99455	0.083411	73823755	73823801	73824363	7382446:
252 NA12740	[2515685 chr7	7	74096901	74097754	854	3	1.027289	0.078305	74096630	74097173	74097729	7409778(
253 NA12740	[2515685 chr7	7	74511185	74511943	759	3	1.027301	0.078306	74511009	74511362	74511918	7451196!
254 NA12740	[2515685 chr7	7	92971481	92976895	5415	4	0.725026	0.086533	92971060	92971903	92975569	9297822
255 NA12740	[2515685 chr7	7	99513362	99513912	551	2	0.946377	0.095407	99513133	99513592	99513623	9951420;
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257 NA12740	[2515685 chr7	7	101728177	101743585	15409	17	0.364421	0.032341	101727922	101728433	101743499	10174367
258 NA12740	[2515685 chr7	7	101744567	101746499	1933	2	0.676006	0.082167	101744010	101745124	101745864	10174713
259 NA12740	[2515685 chr7	7	101750729	101759251	8523	11	0.560971	0.036771	101750058	101751400	101759229	10175927
260 NA12740	[2515685 chr7	7	101768898	101770034	1137	2	0.571885	0.082167	101768621	101769176	101769652	10177041
261 NA12740	[2515685 chr7	7	101778283	101784928	6646	8	0.334319	0.047142	101777850	101778717	101784747	10178511
262 NA12740	[2515685 chr7	7	101827410	101842805	15396	18	0.354092	0.031052	101827155	101827666	101842719	10184289
263 NA12740	[2515685 chr7	7	101843787	101845706	1920	2	0.676007	0.082167	101843230	101844344	101845083	10184632
264 NA12740	[2515685 chr7	7	101849923	101858816	8894	11	0.56097	0.036771	101849252	101850594	101858540	10185909
265 NA12740	[2515685 chr7	7	101868236	101869373	1138	2	0.571885	0.082167	101867960	101868513	101868990	10186975
266 NA12740	[2515685 chr7	7	101879030	101884158	5129	7	0.353236	0.051405	101878111	101879950	101883977	10188434
267 NA12740	[2515685 chr7	7	109034780	109048749	13970	10	1.742408	0.069088	109024063	109037134	109046953	10905054
268 NA12740	[2515685 chr7	7	125264357	125270808	6452	8	0.299835	0.057102	125263601	125265113	125270438	12527117
269 NA12740	[2515685 chr7	7	125639507	125644775	5269	6	-0.821823	0.07232	125639054	125639961	125644046	12564550
270 NA12740	[2515685 chr7	7	141193689	141199500	5812	3	-0.477564	0.090855	141193249	141194130	141199191	14119981
271 NA12740	[2515685 chr7	7	141218636	141247657	29022	30	-0.737999	0.029653	141217990	141219282	141247027	14124828
272 NA12740	[2515685 chr7	7	141503396	141521690	18295	23	0.648346	0.032008	141503029	141503763	141521412	14152196
273 NA12740	[2515685 chr7	7	141523339	141526577	3239	6	0.279277	0.053877	141523297	141523382	141526109	14152704
274 NA12740	[2515685 chr7	7	141960848	141993247	32400	38	-0.309705	0.023394	141960004	141961693	141992651	14199384
275 NA12740	[2515685 chr7	7	155885650	155893882	8233	6	-0.543427	0.059649	155885314	155885986	155893433	15589433
276 NA12740	[2515685 chr7	7	156976112	156978464	2353	2	0.978755	0.106511	156975812	156976413	156977896	15697903
277 NA12740	[2515685 chr7	7	158617060	158624382	7323	6	0.767825	0.067083	158616763	158617357	158622028	15862673
278 NA12740	[2515685 chr8	8	314016	317019	3004	5	0.678146	0.064343	313588	314445	316753	317286
279 NA12740	[2515685 chr8	8	345497	346644	1148	3	0.769183	0.086427	345046	345949	346440	346848
280 NA12740	[2515685 chr8	8	1328256	1343509	15254	45	-0.391081	0.019363	1327688	1328824	1342795	1344224
281 NA12740	[2515685 chr8	8	2238729	2253798	15070	10	0.786348	0.0499	2233839	2241488	2251039	2257526
282 NA12740	[2515685 chr8	8	3773583	3778609	5027	7	-1.03555	0.060964	3773236	3773931	3778103	377911!
283 NA12740	[2515685 chr8	8	4110204	4112526	2323	2	3.474937	0.236615	4109692	4110717	4112031	411302!
284 NA12740	[2515685 chr8	8	4829987	4834056	4070	5	0.356223	0.067926	4829088	4830887	4833623	483448!
285 NA12740	[2515685 chr8	8	5484522	5486139	1618	2	-0.560466	0.095496	5484021	5485024	5485750	548652!
286 NA12740	[2515685 chr8	8	7099626	7140759	41134	183	0.290713	0.00919	7099463	7099790	7140745	714077!
287 NA12740	[2515685 chr8	8	7177227	7187896	10670	29	0.415679	0.027875	7177183	7177271	7187590	718820!
288 NA12740	[2515685 chr8	8	7396178	7429912	33735	143	0.2889	0.010376	7396165	7396192	7429678	743014!
289 NA12740	[2515685 chr8	8	7608166	7664722	56557	255	0.28707	0.007761	7608003	7608330	7664708	766473!
290 NA12740	[2515685 chr8	8	7861835	7928723	66889	186	0.259818	0.009827	7861646	7862024	7928292	7929154
291 NA12740	[2515685 chr8	8	12023188	12034819	11632	30	0.395642	0.027604	12022997	12023380	12034665	1203497!
292 NA12740	[2515685 chr8	8	12280221	12283346	3126	5	0.498796	0.066779	12279837	12280606	12283070	1228362!
293 NA12740	[2515685 chr8	8	17671955	17673956	2002	3	0.410873	0.074815	17671619	17672291	17673575	1767433!
294 NA12740	[2515685 chr8	8	18899163	18902503	3341	4	-0.3702	0.071312	18898189	18900138	18902242	1890276!
295 NA12740	[2515685 chr8	8	21429139	21431852	2714	2	-0.686126	0.114729	21428460	21429819	21431563	2143214
296 NA12740	[2515685 chr8	8	21832667	21833967	1301	2	0.843472	0.111037	21832108	21833227	21833678	2183425!
297 NA12740	[2515685 chr8	8	47642279	47661493	19215	36	0.346476	0.025397	47637780	47645038	47658734	4768811!
298 NA12740	[2515685 chr8	8	49081430	49084499	3070	2	1.10544	0.12349	49079497	49083364	49084089	4908491!
299 NA12740	[2515685 chr8	8	51921944	52046277	124334	126	0.489741	0.013648	51921580	51922309	52045111	5204744
300 NA12740	[2515685 chr8	8	58278355	58287850	9496	8	0.864577	0.048229	58277116	58279595	58287616	5828808!
301 NA12740	[2515685 chr8	8	72377031	72380286	3256	3	-0.712291	0.082798	72376214	72377848	72379847	7238072!
302 NA12740	[2515685 chr8	8	85423649	85431920	8272	7	0.893769	0.059311	85423043	85424256	85431347	8543249!
303 NA12740	[2515685 chr8	8	86742169	86910255	168087	105	0.694395	0.012418	86741757	86742581	86910002	8691050!
304 NA12740	[2515685 chr8	8	120222655	120229952	7298	6	0.825827	0.060679	120218251	120225414	120229434	12023047!
305 NA12740	[2515685 chr8	8	145530388	145532720	2333	2	1.033749	0.135477	145530166	145530611	145532494	14553294

306 NA12740	[2515685 chr9	9	38856012	38864826	8815	17	-0.273087	0.033798	38849975	38858379	38864539	38865111
307 NA12740	[2515685 chr9	9	40730670	40734310	3641	7	0.303718	0.053401	40730592	40730749	40733280	40735347
308 NA12740	[2515685 chr9	9	41234612	41243372	8761	14	-0.293209	0.038336	41234325	41234900	41241005	41249461
309 NA12740	[2515685 chr9	9	42026005	42029645	3641	7	0.303719	0.053401	42024974	42027036	42029567	42029721
310 NA12740	[2515685 chr9	9	42537073	42537822	750	2	-0.451281	0.087348	42536791	42537356	42537661	42537981
311 NA12740	[2515685 chr9	9	43808781	43812530	3750	5	0.411249	0.067322	43808388	43809175	43812324	43812731
312 NA12740	[2515685 chr9	9	43885522	43886459	938	2	0.759877	0.101119	43885267	43885778	43886107	43886811
313 NA12740	[2515685 chr9	9	43948136	43948930	795	2	0.479611	0.095049	43947942	43948331	43948412	43949441
314 NA12740	[2515685 chr9	9	44363154	44382605	19452	27	-0.254064	0.027969	44363111	44363197	44382484	44382721
315 NA12740	[2515685 chr9	9	45400159	45417672	17514	28	-0.25676	0.027083	45400038	45400280	45417629	45417711
316 NA12740	[2515685 chr9	9	66047392	66055807	8416	14	-0.307447	0.039566	66047340	66047445	66053440	66061901
317 NA12740	[2515685 chr9	9	66694185	66706172	11988	29	-0.251409	0.026212	66688817	66696552	66706129	66706211
318 NA12740	[2515685 chr9	9	66818595	66825755	7161	14	0.351338	0.034356	66818349	66818841	66825546	66825961
319 NA12740	[2515685 chr9	9	67058030	67060094	2065	2	0.654219	0.092153	67057871	67058189	67059821	67060361
320 NA12740	[2515685 chr9	9	67195876	67196883	1008	2	0.624478	0.085846	67195691	67196062	67196717	67197041
321 NA12740	[2515685 chr9	9	68200977	68201915	939	2	0.847725	0.102992	68200578	68201376	68201730	68202101
322 NA12740	[2515685 chr9	9	131435119	131438910	3792	3	0.527055	0.085065	131434661	131435578	131437938	13143988
323 NA12740	[2515685 chr9	9	135438414	135444067	5654	2	2.57606	0.15162	135383632	135440781	135443016	13544511
324 NA12740	[2515685 chr9	9	137511582	137513701	2120	13	0.259681	0.034965	137511284	137511880	137512564	13751483
325 NA12740	[2515685 chr9	9	138188003	138189923	1921	45	0.354361	0.022118	138187808	138188198	138189840	13819000
326 NA12740	[2515685 chr9	9	138321120	138382492	61373	51	0.303768	0.020148	138320611	138321629	138382287	13838269
327 NA12740	[2515685 chr10	10	170571	172369	1799	2	0.6833	0.095691	170341	170801	171237	173501
328 NA12740	[2515685 chr10	10	3099589	3101985	2397	2	0.59736	0.11081	3098962	3100217	3101441	3102521
329 NA12740	[2515685 chr10	10	6693908	6703893	9986	8	0.803359	0.056927	6692231	6695585	6703779	6704001
330 NA12740	[2515685 chr10	10	20888192	20900121	11930	9	-0.802691	0.05322	20883329	20890946	20897367	20902911
331 NA12740	[2515685 chr10	10	37487278	37529195	41918	64	-0.426807	0.01585	37486985	37487572	37528890	37529501
332 NA12740	[2515685 chr10	10	38962270	38968766	6497	7	-0.310096	0.056249	38958880	38965024	38968633	38968891
333 NA12740	[2515685 chr10	10	42559247	42565662	6416	10	-0.455189	0.047241	42558647	42559848	42565423	42565901
334 NA12740	[2515685 chr10	10	42571870	42579457	7588	10	-0.272622	0.047852	42571696	42572045	42576703	42583641
335 NA12740	[2515685 chr10	10	46110964	46132737	21774	38	-0.338387	0.020527	46110327	46111602	46132697	46132771
336 NA12740	[2515685 chr10	10	46182692	47173707	991016	1449	-0.354928	0.003531	46182549	46182836	47173507	47173901
337 NA12740	[2515685 chr10	10	47219668	47237545	17878	58	-0.33701	0.017271	47219445	47219892	47237269	47237821
338 NA12740	[2515685 chr10	10	47723228	47808451	85224	240	-0.341256	0.008675	47751187	47725982	47808334	47808561
339 NA12740	[2515685 chr10	10	47881201	47895873	14673	42	-0.357537	0.019764	47881184	47881219	47895597	47896141
340 NA12740	[2515685 chr10	10	48574881	48718251	143371	277	-0.351155	0.00758	48574098	48575665	48715497	48865561
341 NA12740	[2515685 chr10	10	51116611	51132375	15765	21	-0.340513	0.029113	51067634	51119365	51132368	51132381
342 NA12740	[2515685 chr10	10	55592752	55692636	99885	6	-0.30018	0.053707	55473112	55595506	55692619	55692651
343 NA12740	[2515685 chr10	10	58879708	58882015	2308	5	-0.95639	0.080042	58879568	58879849	58881863	58882161
344 NA12740	[2515685 chr10	10	63379419	63985517	606099	6	0.350399	0.058266	63326563	63382173	63982763	64101291
345 NA12740	[2515685 chr10	10	66977355	66985193	7839	8	-0.791296	0.06008	66976803	66977908	66984894	66985491
346 NA12740	[2515685 chr10	10	81130280	81131239	960	2	0.634794	0.095934	81129619	81130942	81131087	81131391
347 NA12740	[2515685 chr10	10	81450479	81451438	960	2	0.634794	0.095934	81449818	81451141	81451286	81451591
348 NA12740	[2515685 chr10	10	81588178	81589341	1164	2	0.634783	0.096004	81587312	81589044	81589190	81589491
349 NA12740	[2515685 chr10	10	88866216	88963891	97676	108	-0.353416	0.013245	88865617	88866816	88963564	88964211
350 NA12740	[2515685 chr10	10	88972479	88973430	952	2	0.6348	0.095934	88971824	88973135	88973280	88973581
351 NA12740	[2515685 chr10	10	89104443	89105652	1210	2	0.6348	0.095934	89103532	89105355	89105500	89105801
352 NA12740	[2515685 chr10	10	89138419	89179870	41452	70	-0.262938	0.016563	89137950	89138889	89179587	89180151
353 NA12740	[2515685 chr10	10	114102241	114106477	4237	5	1.042357	0.075601	114101694	114102788	114105867	11410708
354 NA12740	[2515685 chr10	10	124336365	124341749	5385	6	0.656897	0.06606	124335581	124337149	124341238	12434226
355 NA12740	[2515685 chr10	10	124350353	124366738	16386	21	-0.32717	0.026682	124350031	124350675	124366300	12436717
356 NA12740	[2515685 chr10	10	134924761	134926337	1577	16	0.446495	0.041541	134924706	134924816	134926184	13492649
357 NA12740	[2515685 chr10	10	134932085	134935385	3301	4	0.495666	0.073972	134931752	134932419	134934910	13493586
358 NA12740	[2515685 chr10	10	135344852	135347622	2771	4	-0.453831	0.07664	135344662	135345042	135346747	13534849
359 NA12740	[2515685 chr10	10	135365507	135367159	1653	2	1.146428	0.132047	135364999	135366016	135366656	13536766
360 NA12740	[2515685 chr11	11	969654	971069	1416	2	1.160896	0.115034	969333	969976	970737	971401



361 NA12740	[2515685 chr11	11	2840307	2842410	2104	3	1.022504	0.099494	2839959	2840656	2841856	284296!
362 NA12740	[2515685 chr11	11	3628748	3632795	4048	6	0.879756	0.064313	3625722	3631775	3632594	363299!
363 NA12740	[2515685 chr11	11	4250187	4254233	4047	8	0.392143	0.053271	4249932	4250443	4253424	425504!
364 NA12740	[2515685 chr11	11	4268170	4272208	4039	9	0.461348	0.048863	4267355	4268986	4271953	427246!
365 NA12740	[2515685 chr11	11	4319331	4323607	4277	11	0.46546	0.043686	4318517	4320146	4323475	432373!
366 NA12740	[2515685 chr11	11	4924831	4932599	7769	8	-3.111174	0.092382	4924403	4925260	4931948	493325!
367 NA12740	[2515685 chr11	11	5717038	5722029	4992	3	2.380512	0.135674	5716660	5717416	5718945	572548!
368 NA12740	[2515685 chr11	11	5756185	5765093	8909	13	-0.385345	0.07251	5755934	5756436	5764555	576563!
369 NA12740	[2515685 chr11	11	11831868	11833089	1222	2	0.988643	0.11618	11831412	11832324	11832853	1183332!
370 NA12740	[2515685 chr11	11	18906905	18928671	21767	29	0.754459	0.02843	18906533	18907278	18928457	1892888!
371 NA12740	[2515685 chr11	11	28965605	28969186	3582	5	3.365078	0.154397	28965284	28965927	28968702	2896967!
372 NA12740	[2515685 chr11	11	48284073	48284771	699	2	1.040426	0.104094	48283862	48284285	48284572	4828497!
373 NA12740	[2515685 chr11	11	49040083	49051212	11130	26	-0.435064	0.027333	49039543	49040624	49050687	4905173!
374 NA12740	[2515685 chr11	11	49074219	49075952	1734	3	0.435152	0.081754	49074029	49074409	49075650	4907625!
375 NA12740	[2515685 chr11	11	49665830	49715832	50003	35	0.455424	0.024823	49665251	49666410	49712748	4972198!
376 NA12740	[2515685 chr11	11	60721034	60772727	51694	69	0.443396	0.015171	60720112	60721956	60772548	6077290!
377 NA12740	[2515685 chr11	11	73812690	73818580	5891	4	-0.484518	0.076724	73812400	73812981	73818213	7381894!
378 NA12740	[2515685 chr11	11	85566746	85576542	9797	10	-0.900053	0.05298	85566045	85567448	85574488	8557722!
379 NA12740	[2515685 chr11	11	89135297	89146818	11522	17	-0.516565	0.036316	89134626	89135969	89146370	8914726!
380 NA12740	[2515685 chr11	11	89184898	89189792	4895	5	0.43123	0.077247	89184243	89185554	89189177	8919040!
381 NA12740	[2515685 chr11	11	89260124	89266247	6124	10	-0.254458	0.046868	89259811	89260437	89265993	8926650!
382 NA12740	[2515685 chr11	11	89323920	89330042	6123	12	-0.271877	0.04209	89323666	89324175	89329729	8933035!
383 NA12740	[2515685 chr11	11	89438807	89450293	11487	16	-0.594851	0.037965	89438380	89439235	89449639	8945094!
384 NA12740	[2515685 chr11	11	90543805	90552703	8899	11	-0.842821	0.046096	90541777	90545833	90552435	9055297!
385 NA12740	[2515685 chr11	11	106744846	106751055	6210	9	-0.770909	0.056059	106744561	106745131	106747971	10675483!
386 NA12740	[2515685 chr11	11	134107699	134112290	4592	5	0.766103	0.07015	134106591	134108808	134111845	13411273!
387 NA12740	[2515685 chr12	12	2112534	2127044	14511	15	0.697289	0.038889	2109107	2115961	2126809	212727!
388 NA12740	[2515685 chr12	12	8263675	8270350	6676	17	0.311282	0.03245	8263598	8263752	8269654	827104!
389 NA12740	[2515685 chr12	12	9524239	9610804	86566	93	1.01383	0.017531	9523968	9524510	9610082	961152!
390 NA12740	[2515685 chr12	12	9610804	9624971	14168	14	0.326024	0.038426	9610082	9611526	9623223	962672!
391 NA12740	[2515685 chr12	12	11053521	11056089	2569	5	0.396297	0.069926	11053325	11053718	11055818	1105636!
392 NA12740	[2515685 chr12	12	11070849	11144680	73832	90	-0.360751	0.015687	11069857	11071841	11144324	1114503!
393 NA12740	[2515685 chr12	12	11318179	11319755	1577	3	-0.528452	0.092394	11317997	11318362	11319399	1132011!
394 NA12740	[2515685 chr12	12	11358248	11366431	8184	5	-0.484963	0.060845	11357894	11358603	11366138	1136672!
395 NA12740	[2515685 chr12	12	11396413	11398049	1637	2	-0.485599	0.088999	11395931	11396895	11397507	1139859!
396 NA12740	[2515685 chr12	12	11398049	11436142	38094	34	-1.632103	0.033501	11397507	11398591	11435669	1143661!
397 NA12740	[2515685 chr12	12	11436142	11463223	27082	32	-0.505119	0.026943	11435669	11436615	11459990	1146645!
398 NA12740	[2515685 chr12	12	12605956	12607299	1344	2	0.890434	0.130288	12605559	12606353	12606864	1260773!
399 NA12740	[2515685 chr12	12	31157786	31161854	4069	4	0.529636	0.075329	31157274	31158299	31161033	3116267!
400 NA12740	[2515685 chr12	12	31166636	31299025	132390	127	0.648135	0.013576	31164617	31168656	31298687	3129936!
401 NA12740	[2515685 chr12	12	31894113	31954554	60442	56	0.495514	0.019565	31890959	31897268	31954242	3195486!
402 NA12740	[2515685 chr12	12	56229519	56231229	1711	2	0.616171	0.11854	56229263	56229775	56230948	5623151!
403 NA12740	[2515685 chr12	12	57004588	57020201	15614	8	0.274591	0.051764	57004218	57004958	57019624	5702077!
404 NA12740	[2515685 chr12	12	62184306	62189352	5047	2	-0.706411	0.119656	62183601	62185011	62186044	6219266!
405 NA12740	[2515685 chr12	12	78656134	78664516	8383	8	-0.51672	0.053248	78654687	78657582	78664296	7866473!
406 NA12740	[2515685 chr12	12	130798727	130802870	4144	5	-0.799282	0.063748	130798268	130799187	130801345	13080439!
407 NA12740	[2515685 chr12	12	131046250	131046750	501	2	1.129386	0.121949	131046129	131046371	131046551	1310469!
408 NA12740	[2515685 chr13	13	25947233	25950398	3166	3	3.782655	0.167744	25946194	25948272	25949415	2595138!
409 NA12740	[2515685 chr13	13	36971484	36983475	11992	10	-0.84082	0.051731	36969416	36973552	36982905	3698404!
410 NA12740	[2515685 chr13	13	56611711	56645734	34024	47	-0.361521	0.01695	56610946	56612477	56645321	5664614!
411 NA12740	[2515685 chr13	13	69633905	69673289	39385	42	0.861985	0.024189	69633412	69634399	69672985	6967359!
412 NA12740	[2515685 chr13	13	71375850	71378291	2442	2	-0.801763	0.12864	71374967	71376734	71377584	7137899!
413 NA12740	[2515685 chr13	13	110502383	110503129	747	3	-1.029877	0.103617	110502225	110502541	110502890	11050336!
414 NA12740	[2515685 chr13	13	113079647	113086821	7175	3	0.835516	0.085696	113078890	113080404	113082138	11309434!
415 NA12740	[2515685 chr14	14	18435294	19494842	1059549	1601	-0.483488	0.003525	18434782	18435807	19494444	1949524!

416 NA12740	[2515685 chr14	14	19619351	19625484	6134	3	3.615778	0.195844	19612261	19624114	19625018	19625951
417 NA12740	[2515685 chr14	14	34499224	34502267	3044	3	-0.504146	0.082216	34498536	34499912	34501891	3450264
418 NA12740	[2515685 chr14	14	40679041	40739449	60409	57	-0.847402	0.021279	40678078	40680005	40739212	4073968
419 NA12740	[2515685 chr14	14	46003952	46005480	1529	2	0.595127	0.117164	46003423	46004481	46005073	4600588
420 NA12740	[2515685 chr14	14	53780053	53783579	3527	6	-0.82883	0.070103	53779833	53779823	53783238	5378392
421 NA12740	[2515685 chr14	14	69086774	69092832	6059	6	-0.877307	0.058574	69086153	69087395	69092239	6909342
422 NA12740	[2515685 chr14	14	73052083	73053781	1699	2	-0.445767	0.083431	73051714	73052452	73052927	7305463
423 NA12740	[2515685 chr14	14	73063171	73119729	56559	51	0.409494	0.020664	73061866	73064476	73118276	7312118
424 NA12740	[2515685 chr14	14	104766812	104778505	11694	145	-0.392737	0.010933	104766457	104767167	104778286	10477872
425 NA12740	[2515685 chr15	15	18539408	18561636	22229	23	-0.298981	0.026122	18539239	18539578	18561325	1856194
426 NA12740	[2515685 chr15	15	18632498	18704122	71625	69	-0.319585	0.017379	18632318	18632679	18703644	1870460
427 NA12740	[2515685 chr15	15	18840785	18849369	8585	13	-0.803507	0.042697	18839417	18842153	18848726	1885001
428 NA12740	[2515685 chr15	15	19044664	19092673	48010	56	-0.269281	0.017503	19044489	19044840	19092490	1909285
429 NA12740	[2515685 chr15	15	19555347	19573464	18118	21	-0.288859	0.026906	19551073	19557651	19573155	1957377
430 NA12740	[2515685 chr15	15	19643788	19647021	3234	4	-0.486272	0.07101	19643557	19644019	19646680	1964736
431 NA12740	[2515685 chr15	15	19797016	19805080	8065	17	-0.470172	0.033475	19796797	19797235	19804866	1980529
432 NA12740	[2515685 chr15	15	19807069	19814320	7252	3	-0.413686	0.076179	19806541	19807597	19812016	1981765
433 NA12740	[2515685 chr15	15	20228094	20234328	6235	12	0.513228	0.040198	20226486	20229703	20237781	2023487
434 NA12740	[2515685 chr15	15	21003489	21051502	48014	50	-0.26477	0.018353	21003314	21003665	21051321	2105168
435 NA12740	[2515685 chr15	15	21606753	21614602	7850	7	0.942279	0.062109	21606459	21607047	21612298	2163669
436 NA12740	[2515685 chr15	15	23405783	23406852	1070	2	-0.521478	0.099787	23405591	23405975	23406334	2340737
437 NA12740	[2515685 chr15	15	23482566	23483671	1106	2	0.74569	0.082865	23482224	23482908	23483437	2348390
438 NA12740	[2515685 chr15	15	24986053	24992250	6198	7	0.870201	0.061803	24985426	24986680	24991680	2499282
439 NA12740	[2515685 chr15	15	26217166	26237166	20001	27	-0.264625	0.027224	26216679	26217654	26236894	2623743
440 NA12740	[2515685 chr15	15	26331811	26343818	12008	25	0.55379	0.027318	26331265	26332358	26342288	2634534
441 NA12740	[2515685 chr15	15	26538169	26542764	4596	11	0.563824	0.039548	26538129	26538209	26542214	2654331
442 NA12740	[2515685 chr15	15	26875842	26877026	1185	2	1.199077	0.124641	26875299	26876385	26876824	2687722
443 NA12740	[2515685 chr15	15	32515477	32598425	82949	70	0.625751	0.018819	32514954	32516000	32597169	3259968
444 NA12740	[2515685 chr15	15	32638982	32640064	1083	2	0.714991	0.103428	32638493	32639472	32639564	3264056
445 NA12740	[2515685 chr15	15	42905343	42906197	855	3	-0.39153	0.075819	42905218	42905469	42905981	4290641
446 NA12740	[2515685 chr15	15	43174523	43176116	1594	2	0.576517	0.100361	43174245	43174801	43175562	4317667
447 NA12740	[2515685 chr15	15	74678877	74682822	3946	7	-3.979585	0.137543	74678381	74679373	74680518	7468951
448 NA12740	[2515685 chr15	15	75117585	75119946	2362	4	-1.974083	0.108584	75117343	75117827	75119741	7512015
449 NA12740	[2515685 chr15	15	80588100	80588985	886	2	-0.453	0.082167	80587699	80588502	80588602	8058936
450 NA12740	[2515685 chr15	15	80982676	80983561	886	2	-0.452998	0.082167	80982275	80983078	80983178	8098394
451 NA12740	[2515685 chr15	15	82869847	82880157	10311	4	-0.408327	0.067536	82860467	82872151	82877853	8289101
452 NA12740	[2515685 chr15	15	83581911	83582575	665	2	-0.452998	0.082167	83581731	83582092	83582192	8358295
453 NA12740	[2515685 chr15	15	83685983	83688723	2741	2	-0.591009	0.104857	83684729	83687238	83687705	8368974
454 NA12740	[2515685 chr15	15	98234084	98240716	6633	8	0.851515	0.056715	98233842	98234327	98239350	9824208
455 NA12740	[2515685 chr15	15	100109640	100122682	13043	98	0.395877	0.011995	100108905	100110376	100122315	10012305
456 NA12740	[2515685 chr16	16	8532	21570	13039	13	-0.345769	0.040429	7571	9494	21285	21856
457 NA12740	[2515685 chr16	16	669910	671309	1400	2	0.958828	0.127255	669664	670156	670956	671663
458 NA12740	[2515685 chr16	16	5287117	5290636	3520	2	0.881527	0.137015	5286149	5288085	5288751	529327
459 NA12740	[2515685 chr16	16	12563891	12565579	1689	2	-0.599893	0.095855	12563523	12564260	12565191	1256596
460 NA12740	[2515685 chr16	16	16633469	16639120	5652	4	0.865758	0.075649	16632502	16634437	16638386	1663985
461 NA12740	[2515685 chr16	16	19853133	19869230	16098	14	-0.746645	0.041011	19852680	19853587	19867345	1987941
462 NA12740	[2515685 chr16	16	28523879	28525408	1530	2	-0.788611	0.101052	28523170	28524588	28525115	2852570
463 NA12740	[2515685 chr16	16	30101364	30102578	1215	2	0.726247	0.116549	30101045	30101684	30102223	3010293
464 NA12740	[2515685 chr16	16	31900721	31901605	885	2	0.836516	0.109833	31900500	31900942	31901267	3190194
465 NA12740	[2515685 chr16	16	32106365	32106660	296	2	1.064741	0.122288	32106136	32106595	32106634	3210668
466 NA12740	[2515685 chr16	16	32150890	32236305	85416	162	-0.299058	0.010221	32150057	32151724	32236095	3223651
467 NA12740	[2515685 chr16	16	32479452	32616183	136732	216	-0.303446	0.009333	32400448	32481337	32615350	3261701
468 NA12740	[2515685 chr16	16	32660409	32660703	295	2	1.064741	0.122288	32660384	32660435	32660474	3266093
469 NA12740	[2515685 chr16	16	33047346	33047640	295	2	1.064741	0.122288	33047117	33047575	33047614	3304766
470 NA12740	[2515685 chr16	16	33091854	33398299	306446	506	-0.270716	0.005973	33091021	33092688	33397990	3339860

471 NA12740	[2515685 chr16	16	33443720	33475797	32078	17	-0.388059	0.035399	33443472	33443968	33475636	3347595!
472 NA12740	[2515685 chr16	16	33502420	33534345	31926	35	-0.397032	0.025049	33502141	33502700	33533464	3353522!
473 NA12740	[2515685 chr16	16	33676280	33684025	7746	15	-0.342213	0.036936	33676178	33676383	33683516	3368453!
474 NA12740	[2515685 chr16	16	34316873	34609078	292206	324	-0.5079	0.008237	34316562	34317185	34607193	3461732!
475 NA12740	[2515685 chr16	16	57204541	57207585	3045	3	5.315482	0.220695	57204170	57204913	57206938	5720823!
476 NA12740	[2515685 chr16	16	57231525	57234603	3079	2	-1.722814	0.111772	57230452	57232599	57233543	5723566!
477 NA12740	[2515685 chr16	16	68534746	68564761	30016	47	-0.273296	0.01959	68534434	68535058	68563823	6856570!
478 NA12740	[2515685 chr16	16	68702274	68791353	89080	122	-0.430035	0.012894	68701593	68702955	68789873	6879283!
479 NA12740	[2515685 chr16	16	72923059	72965445	42387	39	-0.490235	0.023225	72922372	72923746	72964811	7296607!
480 NA12740	[2515685 chr16	16	83994929	84004171	9243	81	0.56197	0.014678	83994558	83995300	84003767	8400457!
481 NA12740	[2515685 chr16	16	84562720	84565235	2516	11	0.373373	0.04572	84561685	84563756	84565142	8456532!
482 NA12740	[2515685 chr16	16	85087756	85089036	1281	2	1.013468	0.118989	85087427	85088085	85088690	8508938!
483 NA12740	[2515685 chr16	16	86589422	86592315	2894	4	-0.441113	0.075771	86589032	86589812	86591962	8659266!
484 NA12740	[2515685 chr16	16	86669849	86672366	2518	2	-0.881272	0.08914	86669288	86670411	86671217	8667351!
485 NA12740	[2515685 chr16	16	88167802	88169956	2155	2	0.629008	0.122698	88167242	88168362	88168963	8817094!
486 NA12740	[2515685 chr16	16	88181036	88182713	1678	2	1.037022	0.112976	88180612	88181461	88182173	8818325!
487 NA12740	[2515685 chr17	17	911980	915554	3575	4	-1.025394	0.079401	911452	912508	915413	91569!
488 NA12740	[2515685 chr17	17	966845	969578	2734	21	0.347106	0.034606	966537	967154	969378	96977!
489 NA12740	[2515685 chr17	17	17123642	17127198	3557	4	0.38492	0.073072	17123302	17123983	17126001	1712839!
490 NA12740	[2515685 chr17	17	18306470	18307337	868	2	0.544085	0.08572	18306190	18306750	18306916	1830775!
491 NA12740	[2515685 chr17	17	18331739	18332345	607	2	-0.535705	0.095876	18331509	18331970	18331978	1833271!
492 NA12740	[2515685 chr17	17	20299935	20300531	597	2	-0.535705	0.095876	20299568	20300303	20300311	2030075!
493 NA12740	[2515685 chr17	17	20325192	20325864	673	2	0.544071	0.085719	20324968	20325416	20325582	2032614!
494 NA12740	[2515685 chr17	17	21415030	21418282	3253	2	-0.708907	0.11783	21410935	21417234	21417641	2141892!
495 NA12740	[2515685 chr17	17	21826349	21834752	8404	7	-0.565948	0.047493	21826238	21826461	21833710	2183579!
496 NA12740	[2515685 chr17	17	21945626	21954909	9284	15	-0.372688	0.036756	21945338	21945915	21954628	2195519!
497 NA12740	[2515685 chr17	17	23009572	23010538	967	2	0.476895	0.095263	23009093	23010051	23010060	2301101!
498 NA12740	[2515685 chr17	17	31461893	31504184	42292	33	0.537087	0.02572	31461623	31462164	31503784	3150458!
499 NA12740	[2515685 chr17	17	31532462	31538026	5565	7	0.303342	0.047232	31532146	31532779	31537274	3153877!
500 NA12740	[2515685 chr17	17	31638641	31639615	975	2	0.509003	0.093271	31638447	31638836	31638863	3164036!
501 NA12740	[2515685 chr17	17	32829500	32833231	3732	5	0.801603	0.076093	32828825	32830175	32832670	3283379!
502 NA12740	[2515685 chr17	17	41035524	41036525	1002	2	1.167313	0.10698	41035120	41035928	41035967	4103708!
503 NA12740	[2515685 chr17	17	41521287	41676708	155422	154	0.47217	0.010564	41521002	41521572	41676309	4167710!
504 NA12740	[2515685 chr17	17	41694440	41717869	23430	22	0.47217	0.010564	41693144	41695737	41716390	4171934!
505 NA12740	[2515685 chr17	17	41779931	41787296	7366	4	0.441872	0.064598	41779457	41780406	41786164	4178842!
506 NA12740	[2515685 chr17	17	41964733	41986331	21599	26	0.272941	0.02502	41964517	41964949	41986039	4198662!
507 NA12740	[2515685 chr17	17	41997426	42004139	6714	3	0.457903	0.069897	41996952	41997901	42002352	4200592!
508 NA12740	[2515685 chr17	17	42905976	42908985	3010	2	0.863127	0.126455	42905585	42906368	42906957	4291101!
509 NA12740	[2515685 chr17	17	75502752	75504508	1757	3	-0.513328	0.090937	75502474	75503031	75504219	7550479!
510 NA12740	[2515685 chr18	18	9805250	9806206	957	2	-0.675653	0.109777	9804637	9805863	9806038	980637!
511 NA12740	[2515685 chr18	18	14450565	14465978	15414	19	-0.259183	0.032769	14450322	14450809	14465760	1446619!
512 NA12740	[2515685 chr18	18	14726980	14736224	9245	13	-0.363183	0.039057	14726667	14727294	14735973	1473647!
513 NA12740	[2515685 chr18	18	28142218	28143399	1182	2	0.952935	0.121261	28141854	28142583	28143055	2814374!
514 NA12740	[2515685 chr18	18	36514289	36521090	6802	6	-0.814618	0.063484	36513759	36514820	36520512	3652166!
515 NA12740	[2515685 chr18	18	61874791	61883105	8315	9	-0.935038	0.052616	61874483	61875100	61882738	6188347!
516 NA12740	[2515685 chr18	18	61917747	61920171	2425	4	2.983294	0.142494	61917522	61917973	61919646	6192069!
517 NA12740	[2515685 chr18	18	74231104	74234275	3172	30	-0.330528	0.021544	74230952	74231256	74234139	7423441!
518 NA12740	[2515685 chr18	18	74297715	74299391	1677	5	0.654322	0.060917	74297243	74298187	74299167	7429961!
519 NA12740	[2515685 chr18	18	74373005	74376367	3363	7	0.737207	0.045622	74372064	74373947	74375833	7437690!
520 NA12740	[2515685 chr18	18	74392800	74398225	5426	4	0.558168	0.073701	74390826	74394774	74397790	7439866!
521 NA12740	[2515685 chr19	19	241274	243460	2187	3	0.626403	0.096521	240981	241567	243051	24386!
522 NA12740	[2515685 chr19	19	252671	255224	2554	8	0.341195	0.051533	251836	253507	254742	25570!
523 NA12740	[2515685 chr19	19	331568	333129	1562	2	0.944725	0.099954	331314	331822	332310	33394!
524 NA12740	[2515685 chr19	19	8709642	8759814	50173	87	-0.263169	0.012982	8709264	8710021	8759419	876020!
525 NA12740	[2515685 chr19	19	23007897	23014812	6916	7	0.750873	0.062011	22990964	23010431	23014157	2301546!

526 NA12740	[2515685 chr19	19	23108259	23109446	1188	2	0.961909	0.113365	23107903	23108615	23108879	2311001-
527 NA12740	[2515685 chr19	19	23597182	23600235	3054	5	-3.168603	0.125122	23596541	23597823	23599600	23600871
528 NA12740	[2515685 chr19	19	39419837	39421349	1513	3	0.663059	0.098321	39419616	39420059	39421018	39421687
529 NA12740	[2515685 chr19	19	40540866	40541878	1013	3	-0.868178	0.086609	40540646	40541086	40541551	40542201
530 NA12740	[2515685 chr19	19	40543556	40545135	1580	3	-3.269187	0.16545	40543292	40543821	40544782	40545481
531 NA12740	[2515685 chr19	19	40547370	40553596	6227	2	-4.529213	0.261925	40546632	40548109	40553353	40553841
532 NA12740	[2515685 chr19	19	40553596	40554347	752	2	-0.736883	0.096575	40553353	40553840	40554020	40554671
533 NA12740	[2515685 chr19	19	40577578	40579157	1580	2	0.461566	0.082167	40576676	40578480	40578898	40579411
534 NA12740	[2515685 chr19	19	45410651	45412403	1753	3	0.560575	0.096007	45410153	45411150	45412241	45412561
535 NA12740	[2515685 chr19	19	46042398	46072673	30276	34	-0.338231	0.02529	46042050	46042747	46072511	46072831
536 NA12740	[2515685 chr19	19	47944474	48046596	102123	81	0.329998	0.015574	47939154	47947008	48046127	48047061
537 NA12740	[2515685 chr19	19	48409526	48449827	40302	22	0.375957	0.03217	48408041	48411011	48449594	48450067
538 NA12740	[2515685 chr19	19	53101846	53152329	50484	98	-0.312757	0.012246	53101305	53102387	53152311	53152347
539 NA12740	[2515685 chr19	19	55285877	55336157	50281	104	-0.316636	0.011809	55285730	55286025	55335244	55337071
540 NA12740	[2515685 chr19	19	56824422	56827216	2795	5	-0.626852	0.066825	56824136	56824709	56826331	56828107
541 NA12740	[2515685 chr19	19	56827216	56836311	9096	7	-3.775592	0.111261	56826331	56828101	56834905	56837711
542 NA12740	[2515685 chr19	19	56836311	56841964	5654	9	-0.85071	0.050259	56834905	56837718	56841608	56842327
543 NA12740	[2515685 chr19	19	58209430	58245460	36031	28	-0.729286	0.028211	58208997	58209863	58245024	58245891
544 NA12740	[2515685 chr19	19	60958920	60976029	17110	15	-0.475132	0.037485	60957933	60959907	60975748	60976311
545 NA12740	[2515685 chr20	20	15249645	15251805	2161	2	-0.995199	0.110621	15249381	15249909	15251287	15252327
546 NA12740	[2515685 chr20	20	26136252	26138483	2232	4	0.422435	0.078682	26135878	26136626	26137783	26139187
547 NA12740	[2515685 chr20	20	28030713	28123036	92324	85	-0.34987	0.016092	26206531	28034133	28122592	28123481
548 NA12740	[2515685 chr20	20	28183119	28191409	8291	6	-0.353986	0.05846	28182980	28183258	28191193	28191621
549 NA12740	[2515685 chr20	20	49817373	49819212	1840	2	1.010972	0.121304	49816867	49817880	49818962	49819467
550 NA12740	[2515685 chr20	20	55717505	55719029	1525	2	0.641648	0.090959	55717058	55717952	55718431	55719621
551 NA12740	[2515685 chr20	20	59951513	59957050	5538	18	0.925788	0.036599	59950681	59952345	59956538	59957567
552 NA12740	[2515685 chr20	20	61708834	61711805	2972	22	-0.435732	0.031321	61708573	61709096	61711616	61711991
553 NA12740	[2515685 chr20	20	62233505	62235897	2393	4	0.692584	0.058101	62232847	62234163	62235101	62236697
554 NA12740	[2515685 chr21	21	13973513	13980758	7246	14	-0.339226	0.037081	13973295	13973731	13980622	13980891
555 NA12740	[2515685 chr22	22	14466121	14839804	373684	704	-0.484856	0.005263	14466002	14466240	14839439	14840171
556 NA12740	[2515685 chr22	22	15610763	15615658	4896	7	-0.277949	0.054234	15610601	15610925	15615333	15615987
557 NA12740	[2515685 chr22	22	17077418	17084556	7139	10	-0.282023	0.043075	17077014	17077823	17081871	17087447
558 NA12740	[2515685 chr22	22	17385504	17393232	7729	14	-0.267434	0.039134	17385031	17385977	17392823	17393647
559 NA12740	[2515685 chr22	22	18744519	18854769	110251	135	-0.334037	0.012465	18742262	18746777	18854758	18854787
560 NA12740	[2515685 chr22	22	19380073	19419491	39419	12	-0.340355	0.043271	19377752	19382395	19416806	19449921
561 NA12740	[2515685 chr22	22	19804691	19807861	3171	6	-0.30995	0.0588	19804449	19804933	19807146	19808577
562 NA12740	[2515685 chr22	22	20047736	20121795	74060	118	-0.298099	0.008593	20047456	20048017	20121548	20122047
563 NA12740	[2515685 chr22	22	20137248	20243646	106399	148	-0.298099	0.008593	20136561	20137935	20240961	20302287
564 NA12740	[2515685 chr22	22	22611178	22635796	24619	43	-0.470843	0.015557	22609725	22612631	22635364	22636221
565 NA12740	[2515685 chr22	22	22639133	22663644	24512	43	-0.470843	0.015557	22638819	22639448	22662190	22665097
566 NA12740	[2515685 chr22	22	22672624	22674936	2313	4	1.382511	0.093318	22672391	22672858	22674426	22675441
567 NA12740	[2515685 chr22	22	22678229	22683930	5702	2	0.842067	0.110892	22678110	22678349	22681309	22686557
568 NA12740	[2515685 chr22	22	22683930	22688523	4594	3	-0.662547	0.095757	22681309	22686552	22687378	22689661
569 NA12740	[2515685 chr22	22	22690382	22691501	1120	2	1.90986	0.122665	22690146	22690619	22691088	22691917
570 NA12740	[2515685 chr22	22	22695407	22720154	24748	27	1.001373	0.036332	22695112	22695703	22719882	22720421
571 NA12740	[2515685 chr22	22	33619409	33623490	4082	5	0.789678	0.066357	33618939	33619879	33622642	33624331
572 NA12740	[2515685 chr22	22	43418479	43419675	1197	2	0.555441	0.101377	43418051	43418907	43419378	43419977
1 NA07048	[2515685 chr1	1	49115	59097	9983	17	0.552878	0.035293	48867	49364	58755	5944C
2 NA07048	[2515685 chr1	1	60174	76985	16812	12	0.324474	0.041206	59870	60479	76641	77329
3 NA07048	[2515685 chr1	1	76985	77845	861	2	-0.680816	0.114226	76641	77329	77684	78006
4 NA07048	[2515685 chr1	1	604821	612159	7339	7	-1.113781	0.061161	604315	605328	610122	614196
5 NA07048	[2515685 chr1	1	1164620	1173639	9020	3	0.489981	0.08981	1160965	1167889	1173238	117404C
6 NA07048	[2515685 chr1	1	1853012	1854645	1634	2	1.269021	0.099902	185216	1853409	1853816	1855477
7 NA07048	[2515685 chr1	1	5304270	5305267	998	20	0.27675	0.033164	5303963	5304578	5305148	5305381
8 NA07048	[2515685 chr1	1	12843376	12850337	6962	10	0.487692	0.04625	12843104	12843649	12850101	12850577

9	NAO7048	[2515685 chr1	1	12884329	12886858	2530	4	0.530923	0.062166	12884224	12884434	12886536	12887181
10	NAO7048	[2515685 chr1	1	13014231	13074923	60693	5	-0.320364	0.060774	13013335	13015127	13074668	13075171
11	NAO7048	[2515685 chr1	1	13159940	13162706	2767	4	0.584285	0.058306	13159618	13160263	13162366	13163047
12	NAO7048	[2515685 chr1	1	13380737	13383503	2767	4	0.584285	0.058306	13380415	13381060	13383163	13383844
13	NAO7048	[2515685 chr1	1	16995196	17002150	6955	10	-0.434679	0.048708	16994970	16995422	17001855	17002441
14	NAO7048	[2515685 chr1	1	25330950	25381274	50325	47	0.290624	0.016615	25330662	25331238	25380813	25381731
15	NAO7048	[2515685 chr1	1	25391148	25408608	17461	23	0.290624	0.016615	25390773	25391523	25408376	25408841
16	NAO7048	[2515685 chr1	1	25433785	25439981	6197	15	0.294128	0.037383	25433580	25433990	25438920	25441041
17	NAO7048	[2515685 chr1	1	55556725	55686418	129694	2	-0.582453	0.101627	55440776	55559994	55683149	55796851
18	NAO7048	[2515685 chr1	1	57265788	57269385	3598	3	0.522616	0.076113	57264976	57266601	57269038	57269773
19	NAO7048	[2515685 chr1	1	72478372	72524180	45809	36	-2.82863	0.044935	72478140	72478604	72523661	72524701
20	NAO7048	[2515685 chr1	1	89188117	89190762	2646	5	1.643502	0.090411	89187764	89188470	89190458	89191061
21	NAO7048	[2515685 chr1	1	103852783	104015739	162957	263	-0.295283	0.0081	103852543	103853023	104013178	10401830
22	NAO7048	[2515685 chr1	1	109936541	109953240	16700	22	0.493382	0.031221	109935803	109937279	109952761	109953721
23	NAO7048	[2515685 chr1	1	109954457	109965726	11270	7	0.309882	0.057183	109954248	109954666	109965065	10996638
24	NAO7048	[2515685 chr1	1	111089464	111100714	11251	11	-0.901143	0.048654	111088288	111090640	111100119	111101311
25	NAO7048	[2515685 chr1	1	112405902	112416691	10790	10	0.637667	0.050158	112405415	112406389	112416423	11241696
26	NAO7048	[2515685 chr1	1	116874175	116915240	41066	51	0.365601	0.020272	116873908	116874442	116914887	11691559
27	NAO7048	[2515685 chr1	1	120244720	120342752	98033	150	0.283408	0.011613	120243262	120246178	120342542	12034296
28	NAO7048	[2515685 chr1	1	141899765	141981850	82086	191	0.267334	0.009388	141899136	141900394	141978581	14203010
29	NAO7048	[2515685 chr1	1	142079904	142096822	16919	44	0.259989	0.019532	142079386	142080422	142096672	14209697
30	NAO7048	[2515685 chr1	1	142438646	142569435	130790	159	0.387394	0.011518	142438189	142439104	142568775	14257009
31	NAO7048	[2515685 chr1	1	142678373	142777852	99480	164	0.268866	0.011368	142678163	142678583	142776895	14277880
32	NAO7048	[2515685 chr1	1	145028373	145109730	81358	208	0.25276	0.009118	145027856	145028891	145109552	14510990
33	NAO7048	[2515685 chr1	1	145386725	145399341	12617	29	0.33375	0.023821	145385828	145387623	145399181	14539950
34	NAO7048	[2515685 chr1	1	145548753	145561369	12617	28	0.329542	0.024108	145547856	145549650	145561209	145561531
35	NAO7048	[2515685 chr1	1	145819213	145839481	20269	23	0.376471	0.031278	145819164	145819262	145839093	14583986
36	NAO7048	[2515685 chr1	1	145929568	145951531	21964	26	0.437215	0.02893	145929405	145929732	145951467	14595159
37	NAO7048	[2515685 chr1	1	146329066	146341312	12247	39	0.374346	0.020472	146329062	146329070	146341156	14634146
38	NAO7048	[2515685 chr1	1	146391020	146392019	1000	3	0.5297	0.080421	146390812	146391228	146391724	14639231
39	NAO7048	[2515685 chr1	1	146458878	146460097	1220	2	0.814653	0.10559	146457879	146459877	146459894	14646030
40	NAO7048	[2515685 chr1	1	146808546	146809451	906	2	-0.585688	0.106331	146808090	146809003	146809142	14680976
41	NAO7048	[2515685 chr1	1	148998878	149005918	7041	13	0.85811	0.035231	148998401	148999355	149004680	14900715
42	NAO7048	[2515685 chr1	1	149368571	149385742	17172	3	-0.878842	0.0902	149368105	149369038	149385339	14938614
43	NAO7048	[2515685 chr1	1	149385742	149399435	13694	19	-2.617327	0.059612	149385339	149386145	149399080	14939979
44	NAO7048	[2515685 chr1	1	193443495	193552515	109021	93	0.489484	0.015442	193443280	193443710	193551981	193553051
45	NAO7048	[2515685 chr1	1	193613006	193650443	37438	34	0.253608	0.024653	193612773	193613239	193650245	19365064
46	NAO7048	[2515685 chr1	1	203245415	203247868	2454	2	0.888196	0.116217	203245018	203245812	203247578	203248151
47	NAO7048	[2515685 chr1	1	231219104	231261534	42431	48	-0.259822	0.021112	231218806	231219402	231261238	231261831
48	NAO7048	[2515685 chr1	1	244850108	244851538	1431	2	0.598451	0.110145	244849536	244850681	244851004	244852071
49	NAO7048	[2515685 chr1	1	244872415	244874098	1684	5	0.452114	0.071882	244872245	244872585	244873799	244874391
50	NAO7048	[2515685 chr2	2	388500	390704	2205	6	0.463423	0.060827	387915	389086	390173	391236
51	NAO7048	[2515685 chr2	2	6280657	6286347	5691	2	0.545706	0.103119	6279100	6282214	6284835	6287851
52	NAO7048	[2515685 chr2	2	13531646	13548027	16382	16	0.297478	0.034876	13530427	13532866	13547735	13548311
53	NAO7048	[2515685 chr2	2	14655028	14661201	6174	7	-0.966544	0.070358	14654325	14655732	14660595	14661801
54	NAO7048	[2515685 chr2	2	34612227	34613870	1644	3	0.571944	0.110482	34612072	34612383	34613659	34614081
55	NAO7048	[2515685 chr2	2	35896475	35905934	9460	3	-0.869837	0.083844	35879425	35899430	35902979	35909821
56	NAO7048	[2515685 chr2	2	37869648	37911473	41826	43	0.576915	0.021822	37869077	37870220	37911214	37911731
57	NAO7048	[2515685 chr2	2	56563622	56567381	3760	2	3.649949	0.224618	56565559	56566577	56567035	56567721
58	NAO7048	[2515685 chr2	2	61675589	61676777	1189	2	1.983146	0.156412	61675200	61675979	61676468	61677081
59	NAO7048	[2515685 chr2	2	73923894	73946528	22635	35	-0.506348	0.019722	73923593	73924195	73946333	73946721
60	NAO7048	[2515685 chr2	2	87168850	87191453	22604	35	0.28845	0.023186	87167299	87170401	87191208	87191691
61	NAO7048	[2515685 chr2	2	87256990	87487176	230187	271	0.323341	0.005135	87256381	87257599	87487079	87487271
62	NAO7048	[2515685 chr2	2	87497574	87810218	312645	406	0.323341	0.005135	87496929	87498220	87809943	87810491
63	NAO7048	[2515685 chr2	2	87814242	87878634	64393	83	0.323341	0.005135	87813841	87814644	87877080	87880181

64	NAO7048	[2515685 chr2	2	88117636	88120146	2511	3	0.429661	0.082234	88116083	88119190	88119849	8812044-
65	NAO7048	[2515685 chr2	2	88121895	88125321	3427	6	0.356709	0.065529	88121607	88122184	88124765	8812587!
66	NAO7048	[2515685 chr2	2	91340084	91345425	5342	10	0.317656	0.046441	91339909	91340260	91344992	9134585!
67	NAO7048	[2515685 chr2	2	94985753	94989110	3358	5	-0.360726	0.063666	94984352	94987154	94988745	9498947!
68	NAO7048	[2515685 chr2	2	97184386	97189737	5352	2	-0.8215	0.106175	97182781	97185992	97186782	9719672:
69	NAO7048	[2515685 chr2	2	97281294	97297647	16354	26	-0.251927	0.027387	97281091	97281497	97297385	9729791!
70	NAO7048	[2515685 chr2	2	97325981	97339161	13181	23	0.303313	0.029768	97321432	97328936	97338784	9733953!
71	NAO7048	[2515685 chr2	2	97580627	97603110	22484	26	0.289837	0.028575	97580250	97581005	97600155	9760660!
72	NAO7048	[2515685 chr2	2	97613796	97614932	1137	2	1.757626	0.141944	97613553	97614040	97614467	9761539!
73	NAO7048	[2515685 chr2	2	105806072	105811462	5391	6	-1.024355	0.059525	105805693	105806451	105810848	10581207
74	NAO7048	[2515685 chr2	2	108313968	108314875	908	2	-1.376645	0.136093	108313664	108314272	108314680	10831507
75	NAO7048	[2515685 chr2	2	111696774	111699147	2374	16	0.267271	0.005167	111696413	111697136	111698899	11169939
76	NAO7048	[2515685 chr2	2	111727415	111749276	21862	31	0.267271	0.005167	111725931	111728900	111748875	11174967.
77	NAO7048	[2515685 chr2	2	111753695	112090744	337050	455	0.267271	0.005167	111753027	111754363	112090496	11209099
78	NAO7048	[2515685 chr2	2	112193881	112320429	126549	156	0.267271	0.005167	112193410	112194352	112319833	11232102
79	NAO7048	[2515685 chr2	2	126159437	126168349	8913	3	-2.890203	0.136687	126158494	126160381	126168048	12616865
80	NAO7048	[2515685 chr2	2	130420955	130452105	31151	30	-0.292103	0.026559	130420630	130421281	130451558	13045265
81	NAO7048	[2515685 chr2	2	130754655	130755623	969	2	-0.59995	0.096705	130754437	130754874	130755330	13075591
82	NAO7048	[2515685 chr2	2	131856533	131867908	11376	23	-0.280043	0.028216	131856494	131856572	131867498	13186831.
83	NAO7048	[2515685 chr2	2	132334309	132340886	6578	5	-0.349381	0.063914	132333497	132335122	132340628	13234114
84	NAO7048	[2515685 chr2	2	132871605	132873051	1447	2	1.473529	0.143885	132871306	132871904	132872791	13287331.
85	NAO7048	[2515685 chr2	2	146694143	146710744	16602	17	-2.644348	0.070387	146688620	146697098	146710557	14671093
86	NAO7048	[2515685 chr2	2	153495548	153499409	3862	2	0.880449	0.125042	153484545	153498503	153498846	15349997
87	NAO7048	[2515685 chr2	2	153622711	153625256	2546	3	1.001708	0.091135	153621175	153624247	153625088	15362542.
88	NAO7048	[2515685 chr2	2	208176479	208184457	7979	7	0.899278	0.058747	208176093	208176865	208183930	20818498
89	NAO7048	[2515685 chr2	2	232512469	232537143	24675	6	-0.359691	0.049189	232511142	232513796	232534243	23254004
90	NAO7048	[2515685 chr2	2	242430340	242432140	1801	2	-0.608988	0.118511	242430091	242430589	242431346	24243293
91	NAO7048	[2515685 chr2	2	242477094	242478812	1719	3	-0.443836	0.076669	242476947	242477241	242478692	24247893
92	NAO7048	[2515685 chr2	2	242634934	242664580	29647	57	-0.631744	0.019716	242633903	242635966	242664284	24266487
93	NAO7048	[2515685 chr2	2	242664580	242668929	4350	10	1.176578	0.041785	242664284	242664877	242668532	24266932
94	NAO7048	[2515685 chr3	3	204650	209394	4745	4	0.88255	0.072541	202918	206383	209009	209775
95	NAO7048	[2515685 chr3	3	1757211	1765705	8495	2	0.813627	0.114754	1756096	1758327	1762058	179730!
96	NAO7048	[2515685 chr3	3	50888459	50888513	55	2	1.103265	0.121885	50888445	50888474	50888495	5088853!
97	NAO7048	[2515685 chr3	3	65163800	65190177	26378	25	-0.876493	0.032387	65163123	65164477	65189774	6519058
98	NAO7048	[2515685 chr3	3	68821474	68830847	9374	17	0.87081	0.037222	68818894	68824055	68830417	6883127.
99	NAO7048	[2515685 chr3	3	100426489	100432540	6052	6	-4.696827	0.143315	100426149	100426829	100431494	10043358
100	NAO7048	[2515685 chr3	3	105760262	105762355	2094	2	-3.933533	0.23252	105759634	105760890	105761424	10576328
101	NAO7048	[2515685 chr3	3	107702626	107705435	2810	4	0.372419	0.07224	107702453	107702799	107704855	10770601
102	NAO7048	[2515685 chr3	3	126446665	126837778	391114	5	0.289802	0.055342	126274942	126450312	126834131	12690530
103	NAO7048	[2515685 chr3	3	133191392	133196576	5185	5	-2.928329	0.105879	133190820	133191965	133195824	13319732.
104	NAO7048	[2515685 chr3	3	163994592	164106273	111682	105	2.349536	0.025592	163993392	163995793	164106029	16410651
105	NAO7048	[2515685 chr3	3	164200660	164205886	5227	5	-0.79211	0.079183	164200187	164201133	164204674	16420709
106	NAO7048	[2515685 chr3	3	166608129	166610587	2459	3	0.424553	0.069623	166607897	166608362	166610320	16661085
107	NAO7048	[2515685 chr3	3	178776474	178780177	3704	5	-0.625614	0.076078	178775706	178777243	178779683	17878067
108	NAO7048	[2515685 chr3	3	192547312	192554331	7020	10	0.88398	0.05219	192546950	192547674	192554127	19255453
109	NAO7048	[2515685 chr3	3	196909425	196938361	28937	24	0.42381	0.030078	196909131	196909720	196937706	19693901
110	NAO7048	[2515685 chr3	3	196949721	196958848	9128	8	0.438378	0.051255	196949147	196950296	196956437	19696126
111	NAO7048	[2515685 chr3	3	196994475	197002965	8491	10	0.6206	0.045061	196994054	196994896	197002044	19700388
112	NAO7048	[2515685 chr3	3	198674426	198675470	1045	6	-0.603473	0.047303	198674161	198674692	198674903	19867603.
113	NAO7048	[2515685 chr3	3	199218619	199221999	3381	12	-0.574736	0.048164	199218354	199218884	199220440	19922355
114	NAO7048	[2515685 chr3	3	199221999	199231181	9183	7	0.264036	0.050594	199220440	199223558	199230864	19923149
115	NAO7048	[2515685 chr3	3	199313925	199321063	7139	15	1.159904	0.035089	199313515	199314336	199320844	19932128
116	NAO7048	[2515685 chr4	4	639659	640828	1170	2	0.766878	0.125259	639291	640028	640478	641178
117	NAO7048	[2515685 chr4	4	728045	731845	3801	2	0.615432	0.105591	727736	728355	731532	732155
118	NAO7048	[2515685 chr4	4	3862707	3868612	5906	6	-0.336407	0.057112	3862376	3863039	3868314	3868917

119	NA07048	[2515685 chr4	4	6736291	6739261	2971	2	-1.023527	0.093031	6735228	6737354	6738529	6739994
120	NA07048	[2515685 chr4	4	8740317	8756949	16633	25	0.901995	0.024404	8740049	8740586	8756813	8757086
121	NA07048	[2515685 chr4	4	8998178	9046719	48542	87	0.835661	0.012926	8850774	9001243	9046129	9047309
122	NA07048	[2515685 chr4	4	9812346	9813108	763	33	0.506928	0.020012	9812284	9812408	9812952	9813261
123	NA07048	[2515685 chr4	4	9887220	9911397	24178	31	1.964404	0.041999	9886886	9887555	9910388	9912407
124	NA07048	[2515685 chr4	4	21618854	21620124	1271	2	-0.478783	0.093069	21618458	21619251	21619821	21620427
125	NA07048	[2515685 chr4	4	21723642	21730849	7208	4	-0.396561	0.077769	21723295	21723990	21730465	21731233
126	NA07048	[2515685 chr4	4	40593181	40613706	20526	3	0.453242	0.089436	40590540	40595822	40610641	40682427
127	NA07048	[2515685 chr4	4	49040171	49080998	40828	71	-0.267943	0.017028	49032998	49043236	49080923	49081077
128	NA07048	[2515685 chr4	4	56389767	56588135	198369	2	-0.54607	0.095167	56177874	56392832	56585070	56682061
129	NA07048	[2515685 chr4	4	63500375	63504889	4515	5	-0.991067	0.079222	63494261	63503440	63504639	63505146
130	NA07048	[2515685 chr4	4	69203228	69319814	116587	70	1.178907	0.023525	69202934	69203523	69319569	69320051
131	NA07048	[2515685 chr4	4	69319814	69365270	45457	44	0.348613	0.019009	69319569	69320059	69365129	69365417
132	NA07048	[2515685 chr4	4	69672033	69717280	45248	52	0.323295	0.018014	69671975	69672092	69717139	69717427
133	NA07048	[2515685 chr4	4	70329154	70418275	89122	85	0.534164	0.016649	70328934	70329375	70418083	70418467
134	NA07048	[2515685 chr4	4	115534211	115541546	7336	9	-3.218237	0.103057	115530015	115537276	115539984	11554310
135	NA07048	[2515685 chr4	4	119480821	119487782	6962	5	-0.870433	0.068369	119473487	119483886	119487418	11948814
136	NA07048	[2515685 chr4	4	133000684	133046353	45670	26	-0.290692	0.023908	132999479	133001890	133046048	13304665
137	NA07048	[2515685 chr4	4	133328951	133330551	1601	2	-0.739805	0.116999	133328344	133329558	133330281	13333082
138	NA07048	[2515685 chr4	4	133606816	133614693	7878	13	-0.261525	0.041111	133606442	133607191	133614285	13361510
139	NA07048	[2515685 chr4	4	138537751	138549906	12156	14	0.989468	0.045839	138537443	138538059	138547414	13855239
140	NA07048	[2515685 chr4	4	145241837	145244071	2235	2	-1.003662	0.131611	145241488	145242187	145242951	14524519
141	NA07048	[2515685 chr4	4	161416890	161418626	1737	2	0.529399	0.09872	161416557	161417224	161418417	16141883
142	NA07048	[2515685 chr4	4	162237272	162242562	5291	8	1.02716	0.054688	162236487	162238058	162242381	16224274
143	NA07048	[2515685 chr4	4	162806038	162809269	3232	3	1.030531	0.084537	162804872	162807204	162808734	16280980
144	NA07048	[2515685 chr4	4	169184442	169368370	183929	161	0.828674	0.012341	169184090	169184794	169366713	16937002
145	NA07048	[2515685 chr4	4	172750241	172755216	4976	2	-3.985812	0.300393	172748887	172751596	172753256	17275717
146	NA07048	[2515685 chr4	4	173363594	173367718	4125	6	-3.584475	0.120001	173362583	173364606	173367283	17336815
147	NA07048	[2515685 chr4	4	173799832	173807320	7489	6	-3.367574	0.139691	173799464	173800201	173804255	17381134
148	NA07048	[2515685 chr4	4	185533276	185544849	11574	12	0.8867	0.04673	185532696	185533857	185543276	18554642
149	NA07048	[2515685 chr4	4	187728494	187732907	4414	15	2.123697	0.053523	187728193	187728795	187732541	18773327
150	NA07048	[2515685 chr4	4	188255523	188269680	14158	235	0.632035	0.00886	188255215	188255831	188269403	18826995
151	NA07048	[2515685 chr4	4	190528602	190533163	4562	21	-0.691738	0.033341	190528058	190529146	190531664	19053466
152	NA07048	[2515685 chr4	4	190568762	190572547	3786	7	-0.273911	0.05271	190568557	190568968	190572211	19057288
153	NA07048	[2515685 chr4	4	190845771	191052394	206624	211	0.281844	0.009929	190845056	190846486	191051776	19105301
154	NA07048	[2515685 chr5	5	104264	105617	1354	2	0.750113	0.112374	104036	104493	105236	105995
155	NA07048	[2515685 chr5	5	261631	263283	1653	9	0.389997	0.053039	261032	262230	262766	263801
156	NA07048	[2515685 chr5	5	520743	521684	942	5	0.808771	0.073326	520428	521059	521427	521942
157	NA07048	[2515685 chr5	5	743980	831951	87972	77	0.284446	0.01195	743336	744625	831222	832681
158	NA07048	[2515685 chr5	5	836032	869036	33005	27	0.284446	0.01195	835395	836669	867979	870095
159	NA07048	[2515685 chr5	5	877395	901723	24329	23	0.284446	0.01195	877140	877651	901319	902127
160	NA07048	[2515685 chr5	5	948969	953016	4048	13	0.396661	0.032445	948182	949756	952851	953182
161	NA07048	[2515685 chr5	5	1223248	1223930	683	5	1.473122	0.06593	1223057	1223439	1223854	1224007
162	NA07048	[2515685 chr5	5	12863961	12873512	9552	14	-0.855253	0.045167	12863778	12864144	12873198	12873827
163	NA07048	[2515685 chr5	5	15772455	15773947	1493	2	-0.762625	0.117436	15772037	15772874	15773551	15774334
164	NA07048	[2515685 chr5	5	21539354	21556393	17040	34	0.281758	0.022551	21538825	21539883	21556081	21556701
165	NA07048	[2515685 chr5	5	26831997	26837938	5942	6	0.686772	0.063717	26829858	26834136	26837469	26838401
166	NA07048	[2515685 chr5	5	69006269	69007115	847	3	0.478738	0.066373	69005928	69006611	69007055	69007171
167	NA07048	[2515685 chr5	5	69254509	69309060	54552	108	0.274292	0.005852	69254301	69254717	69308952	69309161
168	NA07048	[2515685 chr5	5	69312166	69469180	157015	217	0.274292	0.005852	69312092	69312240	69469105	69469251
169	NA07048	[2515685 chr5	5	69472287	69526776	54490	114	0.274292	0.005852	69472178	69472396	69526569	69526984
170	NA07048	[2515685 chr5	5	69583053	69586852	3800	9	0.371583	0.039373	69582615	69583492	69586792	69586917
171	NA07048	[2515685 chr5	5	69959583	69977193	17611	48	0.304013	0.01766	69959197	69959969	69977060	69977321
172	NA07048	[2515685 chr5	5	70129558	70184131	54574	95	0.268295	0.008892	70129350	70129766	70184023	70184241
173	NA07048	[2515685 chr5	5	70187238	70254947	67710	92	0.268295	0.008892	70187163	70187313	70254593	70255307

174	NA07048	[2515685 chr5	5	70263808	70290648	26841	28	0.449702	0.022427	70261863	70265753	70287456	70294911
175	NA07048	[2515685 chr5	5	70462208	70464475	2268	6	0.423965	0.053591	70462032	70462385	70464318	7046463:
176	NA07048	[2515685 chr5	5	70472601	70527166	54566	104	0.295058	0.011975	70472492	70472710	70526959	7052737-
177	NA07048	[2515685 chr5	5	70663536	70676139	12604	33	0.292087	0.020893	70663150	70663922	70676085	7067619-
178	NA07048	[2515685 chr5	5	81459213	81466055	6843	2	-1.374995	0.122256	81455614	81462405	81462863	8147028!
179	NA07048	[2515685 chr5	5	93928460	93933101	4642	4	-0.489127	0.077784	93927706	93929215	93931984	9393421!
180	NA07048	[2515685 chr5	5	97427204	97428353	1150	2	1.013859	0.115467	97426913	97427496	97428177	9742852!
181	NA07048	[2515685 chr5	5	98867127	98870861	3735	2	-0.758176	0.127857	98864129	98870125	98870667	9887105!
182	NA07048	[2515685 chr5	5	99408801	99419037	10237	14	-0.648656	0.040292	99408605	99408997	99418328	9941974!
183	NA07048	[2515685 chr5	5	122649189	122651412	2224	3	0.577079	0.088612	122648933	122649446	122650032	12265279
184	NA07048	[2515685 chr5	5	137835848	137844134	8287	7	0.639784	0.06129	137835611	137836085	137843310	13784495
185	NA07048	[2515685 chr5	5	140203081	140218928	15848	19	2.052326	0.052491	140202344	140203819	140218508	14021934
186	NA07048	[2515685 chr5	5	140534849	140540106	5258	5	1.703087	0.08188	140534700	140534999	140539007	14054120
187	NA07048	[2515685 chr5	5	140573248	140574568	1321	2	0.870973	0.116395	140573036	140573460	140574362	14057477
188	NA07048	[2515685 chr5	5	155408303	155424011	15709	11	-0.897424	0.051014	155405622	155410984	155420819	15542761
189	NA07048	[2515685 chr5	5	175392637	175393797	1161	6	-0.399946	0.064264	175392088	175393187	175393522	17539407
190	NA07048	[2515685 chr5	5	175496886	175508571	11686	13	0.258835	0.040738	175496602	175497170	175508077	17550906
191	NA07048	[2515685 chr5	5	178994494	178994971	478	2	-0.590256	0.096152	178994223	178994766	178994768	17899517-
192	NA07048	[2515685 chr5	5	179016786	179017263	478	2	-0.590256	0.096152	179016582	179016990	179016992	17901753-
193	NA07048	[2515685 chr5	5	180418059	180419113	1055	2	0.738404	0.123533	180417894	180418224	180418598	18041962-
194	NA07048	[2515685 chr6	6	201823	327656	125834	129	0.411319	0.012663	201415	202232	326993	32832!
195	NA07048	[2515685 chr6	6	29958572	30011802	53231	50	0.436999	0.02182	29957670	29959474	30011083	3001252
196	NA07048	[2515685 chr6	6	31391558	31394296	2739	5	0.421815	0.070011	31391334	31391783	31394097	3139449!
197	NA07048	[2515685 chr6	6	32056890	32121527	64638	79	-0.339893	0.014374	32056644	32057137	32121053	3212200-
198	NA07048	[2515685 chr6	6	32561866	32588178	26313	8	0.463952	0.012084	32560230	32563503	32588033	3258832-
199	NA07048	[2515685 chr6	6	32591649	32603035	11387	18	0.463952	0.012084	32591403	32591896	32601735	3260433!
200	NA07048	[2515685 chr6	6	32612720	32744343	131624	131	0.463952	0.012084	32611897	32613543	32744136	3274455!
201	NA07048	[2515685 chr6	6	35862833	35879904	17072	16	0.387691	0.036485	35862530	35863136	35879292	3588051-
202	NA07048	[2515685 chr6	6	63656044	63658372	2329	3	-0.437599	0.080588	63655444	63656644	63658061	6365868!
203	NA07048	[2515685 chr6	6	66455162	66461833	6672	5	-0.893241	0.079411	66454046	66456278	66461410	6646225-
204	NA07048	[2515685 chr6	6	79023318	79093263	69946	70	0.826099	0.018535	79022028	79024609	79091909	7909461!
205	NA07048	[2515685 chr6	6	81338145	81350271	12127	11	-0.808842	0.047035	81334276	81341647	81350013	8135053!
206	NA07048	[2515685 chr6	6	103844685	103871201	26517	17	2.229553	0.061939	103844347	103845023	103868241	10387416
207	NA07048	[2515685 chr6	6	120671191	120671916	726	2	0.849773	0.103487	120670696	120671686	120671725	12067210
208	NA07048	[2515685 chr6	6	149930909	149932207	1299	2	0.596787	0.116994	149930666	149931153	149931611	14993280
209	NA07048	[2515685 chr6	6	150064828	150066126	1299	2	0.596794	0.116995	150064585	150065072	150065530	15006672
210	NA07048	[2515685 chr6	6	160997684	161038394	40711	67	0.285641	0.014764	160997465	160997903	161038184	16103860
211	NA07048	[2515685 chr6	6	162893670	162896314	2645	3	-0.408838	0.081226	162893373	162893968	162895355	16289727
212	NA07048	[2515685 chr6	6	170603879	170604666	788	2	-2.633923	0.149696	170603541	170604217	170604339	17060499-
213	NA07048	[2515685 chr6	6	170625506	170627028	1523	3	1.424282	0.114424	170625015	170625997	170626579	17062747-
214	NA07048	[2515685 chr6	6	170684555	170687261	2707	6	-0.696055	0.061644	170684170	170684940	170686870	17068765
215	NA07048	[2515685 chr6	6	170692529	170694780	2252	13	0.252868	0.036181	170692183	170692876	170694493	17069506
216	NA07048	[2515685 chr7	7	113212	116134	2923	12	-0.252512	0.046308	113146	113279	115995	116273
217	NA07048	[2515685 chr7	7	135982	164196	28215	29	0.374318	0.027516	135556	136408	163674	164718
218	NA07048	[2515685 chr7	7	929017	930663	1647	5	0.482262	0.066443	928626	929408	930382	930945
219	NA07048	[2515685 chr7	7	1084125	1086660	2536	15	0.551965	0.037688	1083752	1084499	1085871	1087445
220	NA07048	[2515685 chr7	7	3384111	3392458	8348	8	0.901939	0.057211	3383451	3384772	3390107	339561!
221	NA07048	[2515685 chr7	7	13361202	13364740	3539	2	-0.74492	0.106041	13358757	13363553	13364363	1336511-
222	NA07048	[2515685 chr7	7	38062494	38071843	9350	10	0.476227	0.048097	38061977	38063012	38071423	3807226-
223	NA07048	[2515685 chr7	7	57512425	57524163	11739	13	-0.322093	0.041494	57512005	57512846	57523428	5752489!
224	NA07048	[2515685 chr7	7	62254472	62255088	617	4	0.781265	0.076134	62254309	62254635	62254924	6225525-
225	NA07048	[2515685 chr7	7	62302079	62302696	618	4	0.781265	0.076134	62301915	62302243	62302533	6230285!
226	NA07048	[2515685 chr7	7	69869623	69871056	1434	2	3.081968	0.16703	69869269	69869978	69870420	6987169-
227	NA07048	[2515685 chr7	7	71858493	71859326	834	2	-0.468763	0.086022	71858284	71858703	71858719	7185993-
228	NA07048	[2515685 chr7	7	72014016	72014871	856	3	0.836261	0.074844	72013991	72014042	72014598	7201514-



229	NA07048	[2515685 chr7	7	72156868	72157708	841	2	-0.468763	0.086022	72156657	72157079	72157095	7215832
230	NA07048	[2515685 chr7	7	73823778	73824413	636	3	0.802897	0.080521	73823755	73823801	73824363	7382446
231	NA07048	[2515685 chr7	7	74096901	74097754	854	3	0.836265	0.074844	74096630	74097173	74097729	7409778
232	NA07048	[2515685 chr7	7	74511185	74511943	759	3	0.836262	0.074844	74511009	74511362	74511918	7451196
233	NA07048	[2515685 chr7	7	74695370	74696139	770	3	-0.422653	0.075198	74695306	74695434	74695977	7469630
234	NA07048	[2515685 chr7	7	75790452	75794984	4533	5	-0.727523	0.070697	75790248	75790656	75794325	7579564
235	NA07048	[2515685 chr7	7	76173835	76175647	1813	2	0.555955	0.099328	76173564	76174106	76174852	7617644
236	NA07048	[2515685 chr7	7	86311610	86326435	14826	4	0.404	0.064396	86310940	86312281	86325771	8632709
237	NA07048	[2515685 chr7	7	89455601	89456632	1032	2	4.118808	0.206284	89455373	89455830	89456225	8945703
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240	NA07048	[2515685 chr7	7	101739942	101746499	6558	7	0.320831	0.045606	101739929	101739956	101745864	10174713
241	NA07048	[2515685 chr7	7	101752166	101759251	7086	10	0.421684	0.038274	101751400	101752933	101759229	10175927
242	NA07048	[2515685 chr7	7	101768898	101770034	1137	2	0.432819	0.08129	101768621	101769176	101769652	10177041
243	NA07048	[2515685 chr7	7	101839168	101845706	6539	7	0.320831	0.045606	101839155	101839182	101845083	10184632
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245	NA07048	[2515685 chr7	7	101868236	101869373	1138	2	0.432819	0.08129	101867960	101868513	101868990	10186975
246	NA07048	[2515685 chr7	7	109034783	109048749	13967	10	1.798409	0.067305	109024063	109037134	109046953	10905054
247	NA07048	[2515685 chr7	7	109776378	109782655	6278	5	0.956266	0.075531	109775821	109776936	109782301	10978301
248	NA07048	[2515685 chr7	7	115531433	115535130	3698	2	-0.870922	0.114458	115523520	115533784	115534405	11553585
249	NA07048	[2515685 chr7	7	125639507	125644775	5269	6	-0.744	0.073332	125639054	125639961	125644046	12564550
250	NA07048	[2515685 chr7	7	133243381	133245202	1822	2	0.525073	0.103303	133243008	133243755	133244207	13324619
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253	NA07048	[2515685 chr7	7	141505136	141521152	16017	19	-1.688363	0.050387	141504428	141505844	141520892	14152141
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267	NA07048	[2515685 chr8	8	5582875	5594011	11137	9	0.769744	0.047603	5582615	5583135	5592820	559520
268	NA07048	[2515685 chr8	8	5817892	5820042	2151	2	-0.759475	0.128315	5817072	5818713	5819661	582042
269	NA07048	[2515685 chr8	8	6817073	6866734	49662	88	-0.38359	0.013604	6816809	6817338	6866719	686675
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272	NA07048	[2515685 chr8	8	7274835	7276544	1710	4	-0.409122	0.066738	7274374	7275297	7276202	727688
273	NA07048	[2515685 chr8	8	7774981	7776578	1598	4	-0.409121	0.066738	7774750	7775212	7776117	777704
274	NA07048	[2515685 chr8	8	7862335	7873897	11563	33	0.752206	0.026151	7862030	7862641	7873605	787419
275	NA07048	[2515685 chr8	8	12023188	12035286	12099	32	0.731719	0.027652	12022997	12023380	12034973	1203559
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277	NA07048	[2515685 chr8	8	12284606	12289383	4778	4	-0.387811	0.071642	12284461	12284752	12289185	1228958
278	NA07048	[2515685 chr8	8	20022286	20024771	2486	2	-1.079396	0.127922	20021082	20023491	20024338	2002520
279	NA07048	[2515685 chr8	8	25028407	25046917	18511	15	-0.937884	0.038907	25027885	25028930	25046777	2504705
280	NA07048	[2515685 chr8	8	49081430	49084499	3070	2	1.10582	0.121611	49079497	49083364	49084089	4908491
281	NA07048	[2515685 chr8	8	51193670	51201152	7483	11	-0.833849	0.049042	51193335	51194005	51200867	5120143
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283	NA07048	[2515685 chr8	8	58278355	58287850	9496	8	0.580501	0.046375	58277116	58279595	58287616	5828808

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296	NAO7048	[2515685 chr9	9	33374200	33394472	20273	9	-0.27609	0.04451	33354854	33376561	33392111	33412601
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299	NAO7048	[2515685 chr9	9	39053058	39407524	354467	586	-0.326367	0.001603	39052333	39053784	39407326	39407721
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307	NAO7048	[2515685 chr9	9	44106290	44129713	23424	47	-0.266302	0.019425	44105816	44106765	44128831	44130591
308	NAO7048	[2515685 chr9	9	44153357	44153558	202	2	-0.619919	0.104835	44153348	44153366	44153395	44153721
309	NAO7048	[2515685 chr9	9	44616654	44617411	758	3	-0.523321	0.089591	44616475	44616834	44617353	44617461
310	NAO7048	[2515685 chr9	9	45715901	45719342	3442	2	-0.602747	0.090148	45711249	45718262	45718877	45719801
311	NAO7048	[2515685 chr9	9	64287329	64291716	4388	10	-0.479546	0.043655	64286990	64287668	64291523	64291911
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317	NAO7048	[2515685 chr9	9	66230851	66231052	202	2	-0.619918	0.104835	66230842	66230860	66230889	66231211
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322	NAO7048	[2515685 chr9	9	112902065	112932269	30205	42	0.707317	0.019061	112901557	112902574	112931621	11293291
323	NAO7048	[2515685 chr9	9	135438420	135444067	5648	2	3.228738	0.157014	135383632	135440781	135443016	13544511
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326	NAO7048	[2515685 chr10	10	3099589	3101985	2397	2	0.599322	0.112389	3098962	3100217	3101441	3102521
327	NAO7048	[2515685 chr10	10	6693908	6703893	9986	8	0.838129	0.056053	6692231	6695585	6703779	6704001
328	NAO7048	[2515685 chr10	10	20036833	20038315	1483	2	-0.852374	0.112911	20036464	20037202	20038007	20038621
329	NAO7048	[2515685 chr10	10	37486514	37527174	40661	62	-0.37817	0.01584	37486043	37486985	37526783	37527561
330	NAO7048	[2515685 chr10	10	39019439	39028446	9008	14	0.262104	0.037193	39019324	39019555	39028219	39028671
331	NAO7048	[2515685 chr10	10	39064447	39068040	3594	6	0.403831	0.050969	39064217	39064677	39066686	39069391
332	NAO7048	[2515685 chr10	10	46222149	46228317	6169	2	0.492178	0.08129	46222132	46222166	46228145	46228491
333	NAO7048	[2515685 chr10	10	46261765	46262229	465	3	0.359528	0.071356	46261621	46261910	46262089	46262361
334	NAO7048	[2515685 chr10	10	56117212	56139275	22064	20	-0.971428	0.034657	56115764	56118661	56138931	56139611
335	NAO7048	[2515685 chr10	10	59489512	59492379	2868	3	0.401235	0.079892	59489461	59489564	59490590	59494161
336	NAO7048	[2515685 chr10	10	81130008	81131239	1232	4	0.547591	0.062568	81129619	81130398	81131087	81131391
337	NAO7048	[2515685 chr10	10	81450207	81451438	1232	4	0.54758	0.062568	81449818	81450597	81451286	81451591
338	NAO7048	[2515685 chr10	10	81587909	81589341	1433	3	0.536784	0.072403	81587312	81588507	81589190	81589491

339	NA07048	[2515685 chr10	10	81770852	81783506	12655	15	-0.280509	0.03824	81770662	81771043	81782964	81784041
340	NA07048	[2515685 chr10	10	88972215	88973430	1216	4	0.55127	0.062628	88971824	88972607	88973280	8897358
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342	NA07048	[2515685 chr10	10	90930310	90936395	6086	8	-0.834825	0.058292	90929856	90930765	90936050	90936744
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345	NA07048	[2515685 chr10	10	135179346	135183528	4183	23	-0.554852	0.023968	135178919	135179774	135183320	13518373
346	NA07048	[2515685 chr10	10	135365507	135367159	1653	2	1.088168	0.131407	135364999	135366016	135366656	13536766
347	NA07048	[2515685 chr11	11	969654	971069	1416	2	0.927402	0.110482	969333	969976	970737	971401
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354	NA07048	[2515685 chr11	11	10224780	10229788	5009	5	0.633363	0.073448	10219961	10227860	10227972	10231601
355	NA07048	[2515685 chr11	11	11831868	11833089	1222	2	1.003739	0.118476	11831412	11832324	11832853	11833321
356	NA07048	[2515685 chr11	11	18906905	18928671	21767	30	0.441085	0.026811	18906533	18907278	18928457	18928881
357	NA07048	[2515685 chr11	11	49665830	49715828	49999	36	0.497433	0.024853	49665251	49666410	49712748	49721987
358	NA07048	[2515685 chr11	11	55124643	55212648	88006	98	-0.808942	0.015991	55124460	55124827	55209568	55215751
359	NA07048	[2515685 chr11	11	73812690	73818580	5891	4	-0.441534	0.077631	73812400	73812981	73818213	73818947
360	NA07048	[2515685 chr11	11	81149111	81151129	2019	2	0.609883	0.112268	81148927	81149295	81150916	81151347
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362	NA07048	[2515685 chr11	11	89185847	89188706	2860	3	0.534991	0.088365	89185554	89186141	89188235	89189177
363	NA07048	[2515685 chr11	11	89260757	89266247	5491	9	-0.284858	0.0489	89260437	89261077	89265993	89266507
364	NA07048	[2515685 chr11	11	89323920	89330042	6123	12	-0.297684	0.041781	89323666	89324175	89329729	89330351
365	NA07048	[2515685 chr11	11	106744846	106751051	6206	9	-0.643028	0.054153	106744561	106745131	106747971	10675483
366	NA07048	[2515685 chr11	11	134107699	134112290	4592	5	0.670469	0.068017	134106591	134108808	134111845	13411273
367	NA07048	[2515685 chr12	12	736840	744802	7963	9	0.952982	0.050344	736616	737064	744211	745394
368	NA07048	[2515685 chr12	12	2112534	2127044	14511	15	0.677434	0.038325	2109107	2115961	2126809	2127271
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370	NA07048	[2515685 chr12	12	11417520	11436142	18623	11	-0.498179	0.043988	11415824	11419217	11435669	11436611
371	NA07048	[2515685 chr12	12	12605956	12607299	1344	2	0.786643	0.133115	12605559	12606353	12606864	12607737
372	NA07048	[2515685 chr12	12	36251517	36268932	17416	34	-0.255824	0.024504	36250456	36252579	36267984	36269887
373	NA07048	[2515685 chr12	12	46994634	46997204	2571	4	-0.569754	0.07892	46994358	46994911	46996797	46997617
374	NA07048	[2515685 chr12	12	57004588	57020201	15614	8	0.306631	0.052095	57004218	57004958	57019624	57020771
375	NA07048	[2515685 chr12	12	69156919	69167889	10971	11	0.801322	0.047065	69138649	69160412	69164396	69215017
376	NA07048	[2515685 chr12	12	70475445	70476812	1368	2	-0.682125	0.111845	70475180	70475711	70476524	70477107
377	NA07048	[2515685 chr12	12	131046250	131046750	501	2	1.170071	0.126087	131046129	131046371	131046551	13104694
378	NA07048	[2515685 chr13	13	20791907	20798885	6979	8	-0.265824	0.052704	20791561	20792253	20798220	20799551
379	NA07048	[2515685 chr13	13	25947233	25950398	3166	3	3.623845	0.169724	25946194	25948272	25949415	25951387
380	NA07048	[2515685 chr13	13	33029573	33043421	13849	9	0.82898	0.055084	33000262	33034253	33042925	33043911
381	NA07048	[2515685 chr13	13	36971484	36983475	11992	10	-0.829335	0.051635	36969416	36973552	36982905	36984041
382	NA07048	[2515685 chr13	13	69633905	69673289	39385	42	0.871152	0.024295	69633412	69634399	69672985	69673597
383	NA07048	[2515685 chr13	13	109215660	109217089	1430	5	-0.549594	0.061857	109215230	109216090	109216885	10921729
384	NA07048	[2515685 chr13	13	112716382	112720600	4219	5	-0.473576	0.06799	112715846	112716919	112720250	11272095
385	NA07048	[2515685 chr13	13	113079647	113086818	7172	3	0.669573	0.085695	113078890	113080404	113082138	11309434
386	NA07048	[2515685 chr13	13	113098417	113102480	4064	4	-0.930854	0.078107	113097958	113098876	113102128	11310283
387	NA07048	[2515685 chr14	14	18429036	19494842	1065807	1607	-0.250754	0.003457	18427834	18430239	19494444	19495247
388	NA07048	[2515685 chr14	14	19619355	19625484	6130	3	3.846297	0.200652	19612261	19624114	19625018	19625951
389	NA07048	[2515685 chr14	14	32022775	32026140	3366	2	-0.980586	0.124503	32022274	32023276	32023749	32028537
390	NA07048	[2515685 chr14	14	40679041	40739449	60409	57	-0.813405	0.021156	40678078	40680005	40739212	40739687
391	NA07048	[2515685 chr14	14	41982987	41984637	1651	2	-0.529859	0.101549	41982609	41983366	41984273	41985007
392	NA07048	[2515685 chr14	14	42059344	42062997	3654	2	0.755174	0.116108	42056485	42062203	42062601	42063397
393	NA07048	[2515685 chr14	14	53780053	53783579	3527	6	-0.836763	0.069179	53779833	53780274	53783238	53783927

394	NA07048	[2515685 chr14	14	73052083	73053781	1699	2	0.456826	0.083364	73051714	73052452	73052927	73054631
395	NA07048	[2515685 chr14	14	73063171	73119729	56559	51	0.692518	0.021177	73061866	73064476	73118276	7312118:
396	NA07048	[2515685 chr14	14	78091954	78093387	1434	2	0.552683	0.101757	78091569	78092339	78092873	7809390
397	NA07048	[2515685 chr14	14	103250708	103252299	1592	2	0.769995	0.098451	103250307	103251109	103251638	10325296
398	NA07048	[2515685 chr14	14	104766812	104778505	11694	145	-0.372429	0.011003	104766457	104767167	104778286	10477872
399	NA07048	[2515685 chr15	15	18824476	18836662	12187	13	0.390948	0.041736	18824302	18824650	18836367	1883695:
400	NA07048	[2515685 chr15	15	18849369	18888948	39580	39	0.36603	0.023757	18848726	18850013	18886645	1889275:
401	NA07048	[2515685 chr15	15	19092673	19293921	201249	258	0.261057	0.004386	19092490	19092856	19293604	1929423:
402	NA07048	[2515685 chr15	15	19300508	20094951	794444	763	0.261057	0.004386	19298205	19305017	20092648	2019778:
403	NA07048	[2515685 chr15	15	20940676	20940987	312	2	-0.517065	0.082012	20940578	20940774	20940968	2094100:
404	NA07048	[2515685 chr15	15	21051502	21068072	16571	13	0.289944	0.03649	21051321	21051684	21065769	2111638
405	NA07048	[2515685 chr15	15	21228375	21228686	312	2	-0.517065	0.082012	21228277	21228473	21228667	2122870:
406	NA07048	[2515685 chr15	15	21606753	21614601	7849	7	0.865009	0.064492	21606459	21607047	21612298	2163669:
407	NA07048	[2515685 chr15	15	24986053	24992250	6198	7	0.803294	0.060181	24985426	24986680	24991680	2499282:
408	NA07048	[2515685 chr15	15	26251915	26252414	500	2	-0.517065	0.082012	26251815	26252015	26252209	2625262:
409	NA07048	[2515685 chr15	15	26622234	26622638	405	2	-0.517065	0.082012	26622123	26622345	26622539	2662273:
410	NA07048	[2515685 chr15	15	26875842	26877026	1185	2	1.249424	0.125203	26875299	26876385	26876824	2687722:
411	NA07048	[2515685 chr15	15	41924444	41928405	3962	3	0.620025	0.091077	41923444	41925445	41927893	4192891:
412	NA07048	[2515685 chr15	15	54577186	54582092	4907	8	-0.919629	0.056254	54577013	54577360	54579789	5461884:
413	NA07048	[2515685 chr15	15	75117585	75119946	2362	4	-2.131182	0.109312	75117343	75117827	75119741	7512015:
414	NA07048	[2515685 chr15	15	80437061	80441377	4317	8	0.261854	0.046773	80436487	80437636	80440972	8044178:
415	NA07048	[2515685 chr15	15	80823554	80824667	1114	4	0.363502	0.067744	80822980	80824129	80824640	8082469:
416	NA07048	[2515685 chr15	15	82333041	82335194	2154	2	-0.820008	0.108267	82332284	82333799	82334729	8233566:
417	NA07048	[2515685 chr15	15	100109640	100122682	13043	98	-0.40749	0.011827	100108905	100110376	100122315	10012305:
418	NA07048	[2515685 chr16	16	669910	671309	1400	2	0.72779	0.120514	669664	670156	670956	671665:
419	NA07048	[2515685 chr16	16	2570795	2573727	2933	8	-0.647431	0.055832	2570428	2571162	2573487	257396:
420	NA07048	[2515685 chr16	16	2599511	2609392	9882	18	-0.637465	0.035173	2598958	2600064	2609025	260975:
421	NA07048	[2515685 chr16	16	2638196	2640225	2030	3	-3.043609	0.165966	2637783	2638609	2639826	264062:
422	NA07048	[2515685 chr16	16	2683701	2687414	3714	5	-0.492496	0.054739	2683435	2683967	2686938	268789:
423	NA07048	[2515685 chr16	16	5287117	5290632	3516	2	1.521231	0.133338	5286149	5288085	5288751	529327:
424	NA07048	[2515685 chr16	16	10167686	10169246	1561	2	0.630915	0.113655	10167420	10167953	10168871	1016962:
425	NA07048	[2515685 chr16	16	16633469	16639120	5652	4	0.991992	0.077164	16632502	16634437	16638386	1663985:
426	NA07048	[2515685 chr16	16	16703782	16704883	1102	2	-0.681258	0.089961	16702971	16704593	16704736	1670503:
427	NA07048	[2515685 chr16	16	17562576	17563883	1308	2	-0.800226	0.117188	17562115	17563038	17563474	1756429:
428	NA07048	[2515685 chr16	16	18574518	18575622	1105	2	-0.681266	0.089961	18574371	18574665	18574808	1857643:
429	NA07048	[2515685 chr16	16	21475665	21502620	26956	19	0.381156	0.033251	21475438	21475893	21501101	2150414:
430	NA07048	[2515685 chr16	16	22521651	22618743	97093	84	0.367339	0.015859	22521425	22521878	22617181	2262030:
431	NA07048	[2515685 chr16	16	28286969	28367545	80577	120	-0.287029	0.012976	28286781	28287157	28366478	2836861:
432	NA07048	[2515685 chr16	16	28522768	28525408	2641	3	-0.568134	0.079394	28522366	28523170	28525115	2852570:
433	NA07048	[2515685 chr16	16	28606021	28665963	59943	98	-0.300025	0.014512	28604445	28607597	28665777	2866615:
434	NA07048	[2515685 chr16	16	30101364	30102578	1215	2	0.824602	0.11571	30101045	30101684	30102223	3010293:
435	NA07048	[2515685 chr16	16	31900721	31901605	885	2	1.027654	0.11773	31900500	31900942	31901267	3190194:
436	NA07048	[2515685 chr16	16	32106365	32106660	296	2	1.368819	0.12063	32106136	32106595	32106634	3210668:
437	NA07048	[2515685 chr16	16	32159898	32160377	480	2	-1.877139	0.099526	32159453	32160343	32160346	3216040:
438	NA07048	[2515685 chr16	16	32580873	32616183	35311	107	-0.256996	0.012668	32580695	32581051	32615350	3261701:
439	NA07048	[2515685 chr16	16	32660409	32660703	295	2	1.368837	0.120631	32660384	32660435	32660474	3266093:
440	NA07048	[2515685 chr16	16	33047346	33047640	295	2	1.368819	0.12063	33047117	33047575	33047614	3304766:
441	NA07048	[2515685 chr16	16	33100875	33101346	472	2	-1.877139	0.099526	33100438	33101312	33101315	3310137:
442	NA07048	[2515685 chr16	16	33157406	33157879	474	2	-1.877143	0.099527	33156967	33157845	33157848	3315791:
443	NA07048	[2515685 chr16	16	33207215	33217055	9841	18	0.33377	0.029472	33206951	33207485	33216946	3321716:
444	NA07048	[2515685 chr16	16	33259841	33296771	36931	50	0.282304	0.020192	33254522	33261722	33296573	3329697:
445	NA07048	[2515685 chr16	16	33392689	33397333	4645	9	0.333472	0.046021	33392062	33393316	33397172	3339749:
446	NA07048	[2515685 chr16	16	33439046	33447535	8490	17	0.349673	0.03417	33438887	33439205	33447235	3344783:
447	NA07048	[2515685 chr16	16	33515534	33534345	18812	20	0.322274	0.032635	33515385	33515683	33533464	3353522:
448	NA07048	[2515685 chr16	16	34321825	34609074	287250	323	-0.516006	0.008272	34317185	34323706	34607193	3461732:

449	NAO7048	[2515685 chr16	16	54356424	54380125	23702	24	-0.550814	0.030093	54356120	54356729	54379862	54380381
450	NAO7048	[2515685 chr16	16	54401577	54403491	1915	2	0.681267	0.110725	54401078	54402076	54402534	54404441
451	NAO7048	[2515685 chr16	16	57204541	57207585	3045	3	4.769539	0.19653	57204170	57204913	57206938	57208231
452	NAO7048	[2515685 chr16	16	68682276	68685390	3115	2	-0.572712	0.110341	68681902	68682651	68685071	68685711
453	NAO7048	[2515685 chr16	16	83995435	84004171	8737	78	0.286832	0.014696	83995404	83995467	84003767	84004571
454	NAO7048	[2515685 chr16	16	84562720	84565235	2516	11	0.868348	0.049532	84561685	84563756	84565142	84565321
455	NAO7048	[2515685 chr16	16	85087756	85089036	1281	2	0.917703	0.115052	85087427	85088085	85088690	85089381
456	NAO7048	[2515685 chr16	16	85520140	85522780	2641	3	-0.539733	0.094471	85519638	85520643	85522363	85523191
457	NAO7048	[2515685 chr16	16	88181036	88182713	1678	2	0.66303	0.107131	88180612	88181461	88182173	88183251
458	NAO7048	[2515685 chr16	16	88495127	88496495	1369	2	-0.488439	0.08129	88494483	88495771	88496243	88496741
459	NAO7048	[2515685 chr17	17	911980	915554	3575	4	0.66659	0.075786	911452	912508	915413	915691
460	NAO7048	[2515685 chr17	17	966845	969578	2734	21	0.365326	0.033621	966537	967154	969378	969775
461	NAO7048	[2515685 chr17	17	16657271	16665630	8360	13	-0.338245	0.042219	16657056	16657486	16665353	16665901
462	NAO7048	[2515685 chr17	17	18299050	18307779	8730	15	0.427554	0.037545	18298294	18299807	18307759	18307801
463	NAO7048	[2515685 chr17	17	18331739	18332345	607	2	-1.126384	0.107727	18331509	18331970	18331978	18332711
464	NAO7048	[2515685 chr17	17	20299935	20300531	597	2	-1.126385	0.107727	20299568	20300303	20300311	20300751
465	NAO7048	[2515685 chr17	17	20324749	20328814	4066	9	0.429225	0.046666	20324531	20324968	20328574	20329051
466	NAO7048	[2515685 chr17	17	21945626	21954469	8844	14	-0.406231	0.038153	21945338	21945915	21954310	21954621
467	NAO7048	[2515685 chr17	17	31532462	31576621	44160	64	-0.36019	0.015838	31532146	31532779	31574748	31578491
468	NAO7048	[2515685 chr17	17	31620520	31678186	57667	76	-0.350661	0.014312	31620204	31620837	31676315	31680051
469	NAO7048	[2515685 chr17	17	32829500	32833231	3732	5	-2.619352	0.119543	32828825	32830175	32832670	32833791
470	NAO7048	[2515685 chr17	17	36675530	36685343	9814	10	-2.690823	0.079268	36675011	36676049	36684647	36686041
471	NAO7048	[2515685 chr17	17	41035524	41036525	1002	2	1.184716	0.108587	41035120	41035928	41035967	41037081
472	NAO7048	[2515685 chr17	17	41521287	41676708	155422	155	0.33807	0.00505	41521002	41521572	41676309	41677101
473	NAO7048	[2515685 chr17	17	41694440	41987438	292999	371	0.33807	0.00505	41693144	41695737	41987182	41987691
474	NAO7048	[2515685 chr17	17	41992958	42134816	141859	133	0.33807	0.00505	41992694	41993223	42134422	42135211
475	NAO7048	[2515685 chr17	17	75224568	75225559	992	3	-0.422507	0.066373	75224293	75224843	75225308	75225811
476	NAO7048	[2515685 chr18	18	6902997	6904611	1615	2	-0.654773	0.116078	6902443	6903552	6904056	6905161
477	NAO7048	[2515685 chr18	18	14702025	14703577	1553	2	-0.746323	0.118961	14701431	14702619	14703103	14704051
478	NAO7048	[2515685 chr18	18	28142218	28143399	1182	2	0.949445	0.124481	28141854	28142583	28143055	28143741
479	NAO7048	[2515685 chr18	18	74297715	74299391	1677	5	0.588335	0.065756	74297243	74298187	74299167	74299611
480	NAO7048	[2515685 chr18	18	74373005	74376367	3363	7	0.704154	0.044971	74372064	74373947	74375833	74376901
481	NAO7048	[2515685 chr18	18	74392800	74398225	5426	4	0.64033	0.077407	74390826	74394774	74397790	74398661
482	NAO7048	[2515685 chr19	19	58103	61808	3706	3	0.95562	0.085873	57927	58280	61022	62595
483	NAO7048	[2515685 chr19	19	310414	312953	2540	14	-0.347959	0.038445	309687	311142	312913	312994
484	NAO7048	[2515685 chr19	19	331568	333129	1562	2	0.87433	0.103186	331314	331822	332310	333941
485	NAO7048	[2515685 chr19	19	8708780	8763535	54756	94	0.77575	0.012605	8708296	8709264	8763160	8763911
486	NAO7048	[2515685 chr19	19	23007903	23013841	5939	6	0.824258	0.066686	22990964	23010431	23013525	23014151
487	NAO7048	[2515685 chr19	19	23108259	23109446	1188	2	1.41762	0.126763	23107903	23108615	23108879	23110011
488	NAO7048	[2515685 chr19	19	23257205	23258538	1334	2	-0.905088	0.118132	23256882	23257529	23258213	23258861
489	NAO7048	[2515685 chr19	19	23602482	23604607	2126	5	0.405191	0.07448	23602241	23602723	23604368	23604841
490	NAO7048	[2515685 chr19	19	39419837	39421349	1513	3	0.632401	0.092923	39419616	39420059	39421018	39421168
491	NAO7048	[2515685 chr19	19	40540866	40556003	15138	18	-0.421193	0.031701	40540646	40541086	40555760	40556241
492	NAO7048	[2515685 chr19	19	41450186	41493613	43428	28	-0.578559	0.025785	41421528	41452714	41491085	41497851
493	NAO7048	[2515685 chr19	19	42450472	42487512	37041	33	-0.595193	0.022794	42413600	42453000	42486487	42488531
494	NAO7048	[2515685 chr19	19	43974792	43977294	2503	2	-0.64733	0.10015	43974369	43975216	43975620	43978961
495	NAO7048	[2515685 chr19	19	44914561	44919210	4650	6	-0.308161	0.060221	44913308	44915815	44918867	44919551
496	NAO7048	[2515685 chr19	19	45412775	45413556	782	2	-0.542985	0.098172	45412566	45412985	45413285	45413821
497	NAO7048	[2515685 chr19	19	53098479	53336157	2237679	516	-0.27361	0.005844	53098017	53098941	53335244	53337071
498	NAO7048	[2515685 chr19	19	58209430	58245460	36031	28	-0.75829	0.028241	58208997	58209863	58245024	58245891
499	NAO7048	[2515685 chr19	19	59247755	59252061	4307	5	0.8721	0.071346	59246427	59249084	59251854	59252261
500	NAO7048	[2515685 chr19	19	59420142	59435274	15133	18	0.372529	0.033864	59419795	59420489	59435027	59435521
501	NAO7048	[2515685 chr19	19	59492384	59493822	1439	2	0.612342	0.106328	59491977	59492791	59493600	59494041
502	NAO7048	[2515685 chr19	19	60958920	60978404	19485	16	-0.428491	0.036835	60957933	60959907	60976310	60980491
503	NAO7048	[2515685 chr20	20	1494617	1511097	16481	18	-0.261153	0.030941	1494422	1494812	1510534	1511661

504	NA07048	[2515685 chr20	20	1511097	1532477	21381	26	-2.111486	0.046166	1510534	1511660	1532182	1532773
505	NA07048	[2515685 chr20	20	1533575	1544060	10486	15	-0.394778	0.033695	1533384	1533766	1543588	1544533
506	NA07048	[2515685 chr20	20	25714111	25774048	59938	111	-0.314417	0.013586	25713986	25714237	25773787	25774310
507	NA07048	[2515685 chr20	20	25938648	25999063	60416	111	-0.308592	0.013561	25938371	25938926	25998938	25999181
508	NA07048	[2515685 chr20	20	26136817	26139530	2714	5	0.457866	0.071953	26136626	26137008	26139184	26139871
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514	NA07048	[2515685 chr21	21	13738548	13739792	1245	2	-0.977111	0.119271	13738070	13739027	13739487	13740091
515	NA07048	[2515685 chr22	22	14475216	14565499	90284	167	-0.330042	0.010723	14474991	14475442	14565253	14565741
516	NA07048	[2515685 chr22	22	15376688	15381912	5225	8	0.401678	0.045329	15376184	15377193	15379231	15386131
517	NA07048	[2515685 chr22	22	17158715	17208002	49288	80	0.402347	0.015544	17158684	17158747	17207501	17208501
518	NA07048	[2515685 chr22	22	17221797	17224330	2534	5	0.525106	0.062897	17221464	17222130	17224241	17224421
519	NA07048	[2515685 chr22	22	17385504	17394963	9460	17	-0.435294	0.035444	17385031	17385977	17394595	17395331
520	NA07048	[2515685 chr22	22	18744519	18863336	118818	145	-0.529623	0.012081	18742262	18746777	18863099	18863571
521	NA07048	[2515685 chr22	22	18963287	18966292	3006	7	0.441873	0.054297	18963082	18963492	18965854	18966731
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526	NA07048	[2515685 chr22	22	20035209	20121795	86587	138	-0.474632	0.008368	20034972	20035446	20121548	20122041
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535	NA07048	[2515685 chrX	23	38340304	38343955	3652	2	-3.579089	0.173259	38339963	38340645	38341288	38346621
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542	NA07048	[2515685 chrX	23	114804126	114821026	16901	36	-1.12072	0.015341	114803617	114804636	114817056	114836071
543	NA07048	[2515685 chrX	23	115720486	115831210	110725	133	0.828389	0.013802	115711706	115724456	115829969	115832451
544	NA07048	[2515685 chrX	23	134291129	134297901	6773	8	-0.255785	0.048596	134290012	134292246	134297409	134298391
545	NA07048	[2515685 chrX	23	139816039	139816664	626	2	0.407022	0.081129	139815865	139816213	139816214	139817111
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547	NA07048	[2515685 chrX	23	140055856	140056467	612	3	0.409902	0.072283	140055415	140056297	140056303	140056663
548	NA07048	[2515685 chrX	23	140392152	140392674	523	2	0.407019	0.081129	140391805	140392499	140392500	140392841
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551	NA07048	[2515685 chrY	24	3637846	3767169	129324	2	0.789027	0.130307	3540580	3640785	3764230	4157721
552	NA07048	[2515685 chrY	24	6154733	6180572	25840	93	-0.303312	0.012866	6154416	6155050	6180387	6180751
553	NA07048	[2515685 chrY	24	9191918	9206566	14649	51	0.334228	0.020114	9191837	9191999	9206485	9206648
554	NA07048	[2515685 chrY	24	9213374	9972007	758634	715	-0.309219	0.004431	9212424	9214325	9971739	9972271
555	NA07048	[2515685 chrY	24	9974573	9983978	9406	41	-0.309219	0.004431	9974206	9974941	9983856	9984101
556	NA07048	[2515685 chrY	24	21993689	22051534	57846	191	0.357676	0.008657	21993662	21993716	22050614	22052451
557	NA07048	[2515685 chrY	24	22362148	22400461	38314	127	0.37464	0.010489	22361228	22363068	22400431	22400491
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1	NA10863	[2515685 chr1	1	29401	71292	41892	51	0.581544	0.020496	27752	31050	70533	72052
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3	NA10863	[2515685 chr1	1	562325	591070	28746	49	-0.269794	0.013421	561529	563121	587801	60431;
4	NA10863	[2515685 chr1	1	601046	612159	11114	8	-1.209103	0.055913	587801	604315	610122	61419;
5	NA10863	[2515685 chr1	1	1653053	1657077	4025	5	-0.36111	0.060723	1652846	1653260	1656899	165725;
6	NA10863	[2515685 chr1	1	1706311	1712489	6179	10	-0.28579	0.043931	1706096	1706527	1712202	171277;
7	NA10863	[2515685 chr1	1	1853012	1854645	1634	2	1.195557	0.099957	1852616	1853409	1853816	185547;
8	NA10863	[2515685 chr1	1	12828197	12855470	27274	46	0.274094	0.02106	12827875	12828520	12855210	1285573;
9	NA10863	[2515685 chr1	1	12883296	12886858	3563	6	0.430029	0.052136	12883255	12883337	12886536	1288718;
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11	NA10863	[2515685 chr1	1	13159940	13162706	2767	4	0.527234	0.05912	13159618	13160263	13162366	1316304;
12	NA10863	[2515685 chr1	1	13164423	13165991	1569	4	0.374828	0.060378	13164167	13164679	13165683	1316630;
13	NA10863	[2515685 chr1	1	13380737	13386788	6052	12	0.348794	0.035009	13380415	13381060	13386480	1338709;
14	NA10863	[2515685 chr1	1	25352992	25409301	56310	58	0.307039	0.019298	25352754	25353230	25408840	2540976;
15	NA10863	[2515685 chr1	1	25434181	25439981	5801	14	0.281302	0.039069	25433990	25434373	25438920	2544104;
16	NA10863	[2515685 chr1	1	30407974	30409303	1330	2	-0.502753	0.098335	30407563	30408386	30409034	3040957;
17	NA10863	[2515685 chr1	1	34770326	34780982	10657	14	-2.124406	0.061644	34766123	34773595	34780581	3478138;
18	NA10863	[2515685 chr1	1	72478372	72524180	45809	36	-2.354952	0.041294	72478140	72478604	72523661	7252470;
19	NA10863	[2515685 chr1	1	89188689	89190762	2074	4	2.015687	0.118325	89188470	89188908	89190458	8919106;
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21	NA10863	[2515685 chr1	1	105728161	105735462	7302	8	-0.855244	0.058744	105727820	105728503	105734532	10573639
22	NA10863	[2515685 chr1	1	108514938	108565175	50238	59	0.327922	0.019605	108514864	108515012	108565023	10856532
23	NA10863	[2515685 chr1	1	108638096	108688767	50672	60	0.327587	0.019282	108637939	108638254	108688693	10868884
24	NA10863	[2515685 chr1	1	111089464	111100714	11251	11	-0.840435	0.049716	111088288	111090640	111100119	11110131;
25	NA10863	[2515685 chr1	1	112405902	112416691	10790	10	0.594373	0.050324	112405415	112406389	112416423	11241696
26	NA10863	[2515685 chr1	1	116874175	116915240	41066	51	0.327402	0.020349	116873908	116874442	116914887	11691559
27	NA10863	[2515685 chr1	1	141971552	141976719	5168	17	0.25903	0.031075	141971472	141971633	141976542	14197689
28	NA10863	[2515685 chr1	1	142666974	142667766	793	2	0.676225	0.113992	142666850	142667099	142667509	14266802
29	NA10863	[2515685 chr1	1	144893673	144894799	1127	2	0.539522	0.106346	144893507	144893840	144894501	14489509
30	NA10863	[2515685 chr1	1	145100273	145105440	5168	16	0.281202	0.03308	145100193	145100354	145105263	14510561
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32	NA10863	[2515685 chr1	1	145829707	145839481	9775	5	0.448814	0.064339	145829172	145830242	145839093	14583986
33	NA10863	[2515685 chr1	1	145896002	145900354	4353	4	0.450854	0.071154	145894632	145897372	145899914	14590079
34	NA10863	[2515685 chr1	1	145930102	145951531	21430	25	0.405921	0.029623	145929732	145930472	145951467	14595159
35	NA10863	[2515685 chr1	1	146462712	146475780	13060	7	0.306287	0.050193	146462499	146462943	146473762	14647779
36	NA10863	[2515685 chr1	1	148998878	149005918	7041	13	0.355646	0.036107	148998401	148999355	149004680	14900715
37	NA10863	[2515685 chr1	1	149573821	149583431	9611	5	0.948138	0.077232	149573460	149574182	149582912	14958395
38	NA10863	[2515685 chr1	1	193443495	193552515	109021	93	0.52208	0.015628	193443280	193443710	193551981	19355305
39	NA10863	[2515685 chr1	1	193615671	193650443	34773	30	0.252346	0.026396	193615441	193615901	193650245	19365064
40	NA10863	[2515685 chr1	1	203245415	203247868	2454	2	0.708251	0.1184	203245018	203245812	203245758	20324815
41	NA10863	[2515685 chr1	1	209390853	209402508	11656	9	-0.767458	0.054628	209390492	209391215	209401777	20940323
42	NA10863	[2515685 chr1	1	220570241	220571400	1160	2	0.790012	0.098292	220569940	220570543	220571101	22057170
43	NA10863	[2515685 chr1	1	233202665	233204956	2292	42	-0.826525	0.021028	233202312	233203018	233204364	23320554
44	NA10863	[2515685 chr1	1	239368545	239498531	129987	15	-0.431816	0.039102	239368239	239368851	239496181	23950088
45	NA10863	[2515685 chr1	1	243009520	243011368	1849	3	-0.755181	0.083607	243008430	243010610	243011204	24301153
46	NA10863	[2515685 chr1	1	244872415	244874098	1684	5	0.462956	0.071012	244872245	244872585	244873799	24487439
47	NA10863	[2515685 chr1	1	245053742	245055036	1295	2	-1.022645	0.152924	245053467	245054017	245054669	24505540
48	NA10863	[2515685 chr1	1	245068899	245121920	53022	51	-0.728479	0.021254	245066998	245070801	245121605	24512223
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50 NA10863	[2515685 chr2	2	6280657	6286347	5691	2	0.62136	0.107079	6279100	6282214	6284835	6287859
51 NA10863	[2515685 chr2	2	13507585	13514973	7389	9	-0.282443	0.050526	13507388	13507783	13512022	13519011
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53 NA10863	[2515685 chr2	2	35896479	35905930	9452	3	-0.798851	0.084902	35879425	35899430	35902979	35909827
54 NA10863	[2515685 chr2	2	37868822	37911473	42652	44	0.314331	0.021514	37868568	37869077	37911214	37911731
55 NA10863	[2515685 chr2	2	41150168	41161411	11244	13	-0.802297	0.039864	41149866	41150471	41160114	41162701
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63 NA10863	[2515685 chr2	2	94950036	94956556	6521	7	0.51789	0.056757	94949728	94950345	94956211	94956907
64 NA10863	[2515685 chr2	2	94968296	94978008	9713	6	0.353141	0.060158	94968039	94968554	94977576	94978441
65 NA10863	[2515685 chr2	2	97184386	97189733	5348	2	-0.857714	0.107659	97182781	97185992	97186782	97196721
66 NA10863	[2515685 chr2	2	106338419	106344320	5902	7	-1.346359	0.072812	106337769	106339069	106344055	10634458
67 NA10863	[2515685 chr2	2	111696774	111699147	2374	16	0.538444	0.036577	111696413	111697136	111698899	11169939
68 NA10863	[2515685 chr2	2	126159437	126168349	8913	3	-2.771819	0.133808	126158494	126160381	126168048	12616865
69 NA10863	[2515685 chr2	2	129354604	129360182	5579	4	-0.814988	0.084695	129354317	129354892	129357659	12936270
70 NA10863	[2515685 chr2	2	130405124	130483330	78207	92	-0.267235	0.01514	130405077	130405172	130483142	13048351
71 NA10863	[2515685 chr2	2	131765083	131782932	17850	28	-0.321363	0.027046	131749458	131768034	131782590	13178327
72 NA10863	[2515685 chr2	2	131860137	131867908	7772	21	-0.262318	0.029865	131858317	131861958	131867498	13186831
73 NA10863	[2515685 chr2	2	131919064	131953962	34899	46	-0.307699	0.021847	131918907	131919221	131953571	13195435
74 NA10863	[2515685 chr2	2	132272745	132321431	48687	55	-0.308266	0.019202	132271619	132273872	132321248	13232161
75 NA10863	[2515685 chr2	2	132871605	132873051	1447	2	1.403258	0.139307	132871306	132871904	132872791	13287331
76 NA10863	[2515685 chr2	2	153495552	153499409	3858	2	0.767206	0.120713	153484545	153498503	153498846	15349997
77 NA10863	[2515685 chr2	2	153622711	153625256	2546	3	0.858106	0.089633	153621175	153624247	153625088	15362542
78 NA10863	[2515685 chr2	2	170472402	170786426	314025	4	-0.398581	0.067379	170383610	170475353	170783475	17085192
79 NA10863	[2515685 chr2	2	242477094	242478812	1719	3	-0.461225	0.077847	242476947	242477241	242478692	24247893
80 NA10863	[2515685 chr2	2	242661256	242662332	1077	7	0.344273	0.052894	242661125	242661388	242662217	24266244
81 NA10863	[2515685 chr2	2	242664580	242668683	4104	10	1.237591	0.041326	242664284	242664877	242668532	24266883
82 NA10863	[2515685 chr3	3	204650	209394	4745	4	0.954623	0.074023	202918	206383	209009	209779
83 NA10863	[2515685 chr3	3	1757211	1765703	8493	2	0.780576	0.114907	1756096	1758327	1762058	1797301
84 NA10863	[2515685 chr3	3	6622786	6629620	6835	6	-0.74155	0.059049	6492869	6626431	6629261	6629981
85 NA10863	[2515685 chr3	3	37954149	37962148	8000	10	-0.730708	0.046102	37953404	37954894	37961762	37962531
86 NA10863	[2515685 chr3	3	61102339	61103470	1132	2	-0.69516	0.099102	61102103	61102575	61103197	61103741
87 NA10863	[2515685 chr3	3	89752413	89760941	8529	10	-0.817504	0.053626	89752004	89752823	89760716	89761116
88 NA10863	[2515685 chr3	3	105760262	105762355	2094	2	-0.852551	0.120192	105759634	105760890	105761424	10576328
89 NA10863	[2515685 chr3	3	133191392	133196576	5185	5	-0.706712	0.066975	133190820	133191965	133195824	13319732
90 NA10863	[2515685 chr3	3	150445844	150452241	6398	7	-0.870014	0.059526	150444780	150446909	150451900	15045258
91 NA10863	[2515685 chr3	3	163994592	164106273	111682	104	2.136658	0.025032	163993392	163995793	164106029	16410651
92 NA10863	[2515685 chr3	3	178776474	178780177	3704	5	-0.583997	0.075246	178775706	178777243	178779683	17878067
93 NA10863	[2515685 chr3	3	192547312	192554331	7020	10	0.90371	0.052057	192546950	192547674	192554127	19255453
94 NA10863	[2515685 chr3	3	196994475	197002965	8491	10	0.922822	0.047312	196994054	196994896	197002044	19700388
95 NA10863	[2515685 chr3	3	198422794	198427408	4615	2	0.966429	0.129244	198422381	198423207	198423959	19843085
96 NA10863	[2515685 chr3	3	199313925	199321616	7692	16	0.403914	0.033619	199313515	199314336	199321283	19932194
97 NA10863	[2515685 chr4	4	245698	247001	1304	2	-0.704408	0.114668	245505	245891	246778	247224
98 NA10863	[2515685 chr4	4	772579	778360	5782	6	-0.312166	0.059962	772146	773013	778077	778644
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103 NA10863	[2515685 chr4	4	9812346	9813108	763	33	0.480475	0.020583	9812284	9812408	9812952	9813261
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105 NA10863	[2515685 chr4	4	49080370	49080863	494	2	-0.776548 0.100803	49079937	49080803	49080804	4908092:
106 NA10863	[2515685 chr4	4	49400450	49400601	152	2	-0.776548 0.100803	49400386	49400515	49400516	4940068:
107 NA10863	[2515685 chr4	4	64522941	64543857	20917	20	-0.727925 0.03722	64522682	64523201	64542552	6454516:
108 NA10863	[2515685 chr4	4	69203228	69319814	116587	70	1.09186 0.023128	69202934	69203523	69319569	6932005:
109 NA10863	[2515685 chr4	4	69319814	69341211	21398	18	0.366428 0.019466	69319569	69320059	69340966	6934145:
110 NA10863	[2515685 chr4	4	69347741	69365270	17530	21	0.366428 0.019466	69347112	69348370	69365129	6936541:
111 NA10863	[2515685 chr4	4	69672033	69717280	45248	52	0.33195 0.018422	69671975	69672092	69717139	6971742:
112 NA10863	[2515685 chr4	4	70206173	70418701	212529	219	0.341595 0.010189	70205193	70207154	70418467	7041893:
113 NA10863	[2515685 chr4	4	89377945	89441067	63123	64	0.468837 0.018923	89377545	89378346	89440563	8944157:
114 NA10863	[2515685 chr4	4	92289331	92292975	3645	2	-0.888761 0.122303	92199954	92292396	92292781	9229317:
115 NA10863	[2515685 chr4	4	125304905	125305983	1079	2	0.643043 0.101144	125304587	125305223	125305732	12530623
116 NA10863	[2515685 chr4	4	133536193	133540723	4531	3	-0.596707 0.099039	133531398	133539258	133540462	13354098
117 NA10863	[2515685 chr4	4	138449561	138457787	8227	7	-4.45465 0.128234	138448993	138450130	138457283	13845829
118 NA10863	[2515685 chr4	4	138537751	138549906	12156	14	0.94724 0.045875	138537443	138538059	138547414	13855239
119 NA10863	[2515685 chr4	4	142588136	142590500	2365	4	-0.700991 0.079832	142587774	142588498	142590303	14259069
120 NA10863	[2515685 chr4	4	162237272	162242562	5291	8	1.029252 0.055439	162236487	162238058	162242381	16224274
121 NA10863	[2515685 chr4	4	169184442	169368370	183929	162	0.808813 0.012357	169184090	169184794	169366713	16937002
122 NA10863	[2515685 chr4	4	172750241	172755216	4976	2	-3.481839 0.290789	172748887	172751596	172753256	17275717
123 NA10863	[2515685 chr4	4	173363594	173367718	4125	6	-3.056041 0.105564	173362583	173364606	173367283	17336815
124 NA10863	[2515685 chr4	4	173799832	173807320	7489	6	-2.968223 0.130294	173799464	173800201	173804255	17381134
125 NA10863	[2515685 chr4	4	185533276	185534552	1277	2	0.940168 0.129458	185532696	185533857	185534159	18553495
126 NA10863	[2515685 chr4	4	185535274	185544849	9576	9	0.989909 0.025776	185534955	185535593	185543276	18554642
127 NA10863	[2515685 chr4	4	187728494	187732907	4414	15	3.07364 0.066174	187728193	187728795	187732541	18773327
128 NA10863	[2515685 chr4	4	189812041	189814133	2093	2	-0.832274 0.126167	189811777	189812306	189813742	18981452
129 NA10863	[2515685 chr4	4	190528602	190533163	4562	21	-3.114661 0.054749	190528058	190529146	190531664	19053466
130 NA10863	[2515685 chr4	4	191142404	191143596	1193	3	-0.527913 0.079773	191142135	191142673	191143215	19114397
131 NA10863	[2515685 chr4	4	191341809	191387775	45967	17	-0.270688 0.032197	191340689	191342929	191384710	19139251
132 NA10863	[2515685 chr5	5	520743	521684	942	5	0.539832 0.073814	520428	521059	521427	521942
133 NA10863	[2515685 chr5	5	548772	549982	1211	2	0.714109 0.115002	548335	549210	549745	550215
134 NA10863	[2515685 chr5	5	731749	904333	172585	159	-0.320596 0.011262	731185	732314	904042	904624
135 NA10863	[2515685 chr5	5	12863961	12873512	9552	14	-2.872578 0.076521	12863778	12864144	12873198	12873827
136 NA10863	[2515685 chr5	5	13253903	13391372	137470	135	-0.751828 0.013837	13248440	13257094	13390719	1339202:
137 NA10863	[2515685 chr5	5	21307535	21426153	118619	183	0.316223 0.010047	21307127	21307943	21425562	2142674:
138 NA10863	[2515685 chr5	5	21514574	21533400	18827	43	-0.358317 0.020385	21513711	21515438	21533107	2153369:
139 NA10863	[2515685 chr5	5	21539354	21557224	17871	35	0.26569 0.022385	21538825	21539883	21556706	2155774:
140 NA10863	[2515685 chr5	5	21971730	22049242	77513	120	0.26165 0.012653	21971258	21972202	22048833	2204965:
141 NA10863	[2515685 chr5	5	22161042	22166982	5941	8	0.281234 0.055714	22160580	22161504	22166620	2216734:
142 NA10863	[2515685 chr5	5	26831997	26837938	5942	6	0.768976 0.066026	26829858	26834136	26837469	2683840:
143 NA10863	[2515685 chr5	5	34214373	34232271	17899	44	-0.375578 0.020606	34214196	34214550	34231243	3423330:
144 NA10863	[2515685 chr5	5	34232271	34242460	10190	19	0.281584 0.012898	34231243	34233300	34242396	3424252:
145 NA10863	[2515685 chr5	5	34243324	34290723	47400	81	0.281584 0.012898	34243277	34243371	34289862	3429158:
146 NA10863	[2515685 chr5	5	57359558	57369858	10301	9	1.881677 0.072987	57359213	57359904	57367789	5737192:
147 NA10863	[2515685 chr5	5	68863051	68961866	98816	179	0.274354 0.010297	68862708	68863394	68960721	6896301:
148 NA10863	[2515685 chr5	5	68961866	68988617	26752	68	-0.319449 0.015737	68960721	68963012	68987741	6898949:
149 NA10863	[2515685 chr5	5	69002370	69031453	29084	64	0.337929 0.015098	69002057	69002684	69031106	6903180:
150 NA10863	[2515685 chr5	5	69043794	69174639	130846	320	0.407656 0.00706	69043609	69043980	69174460	6917481:
151 NA10863	[2515685 chr5	5	69186971	69216118	29148	66	0.329779 0.014962	69186659	69187283	69215664	6921657:
152 NA10863	[2515685 chr5	5	69226683	69248016	21334	54	-0.322593 0.017701	69226508	69226858	69248016	6924801:
153 NA10863	[2515685 chr5	5	69274215	69308499	34285	67	0.332851 0.015415	69274189	69274241	69308392	6930860:
154 NA10863	[2515685 chr5	5	69388384	69404835	16452	21	0.395813 0.026234	69386439	69390329	69404157	6940551:
155 NA10863	[2515685 chr5	5	69404835	69411352	6518	6	0.912292 0.051559	69404157	69405513	69410702	6941200:
156 NA10863	[2515685 chr5	5	69459890	69464161	4272	13	0.408865 0.03609	69459629	69460152	69464004	6946431:
157 NA10863	[2515685 chr5	5	69474557	69507099	32543	65	0.356771 0.015578	69474413	69474701	69507074	6950712:
158 NA10863	[2515685 chr5	5	69533449	69569414	35966	91	-0.320484 0.013447	69533271	69533627	69569234	6956959:
159 NA10863	[2515685 chr5	5	69583053	69744071	161019	359	0.383314 0.006617	69582615	69583492	69743961	6974418:

160 NA10863	[2515685 chr5	5	69817505	69865798	48294	120	-0.310757	0.011923	69816360	69818651	69865618	6986597!
161 NA10863	[2515685 chr5	5	69879636	70090205	210570	453	0.367823	0.005842	69879413	69879859	70089767	7009064:
162 NA10863	[2515685 chr5	5	70102565	70123067	20503	52	-0.319499	0.017929	70102390	70102740	70123067	7012306:
163 NA10863	[2515685 chr5	5	70154263	70156324	2062	6	0.498732	0.048271	70154228	70154298	70156079	7015656!
164 NA10863	[2515685 chr5	5	70263808	70280260	16453	21	0.397442	0.026305	70261863	70265753	70279582	7028093!
165 NA10863	[2515685 chr5	5	70280260	70286789	6530	6	0.862099	0.05095	70279582	70280938	70286122	7028745!
166 NA10863	[2515685 chr5	5	70402640	70415506	12867	25	0.444689	0.022118	70402418	70402863	70415389	7041562-
167 NA10863	[2515685 chr5	5	70417349	70426554	9206	16	0.444689	0.022118	70416846	70417852	70425419	7042768!
168 NA10863	[2515685 chr5	5	70460209	70464475	4267	12	0.410791	0.037644	70459948	70460471	70464318	7046463:
169 NA10863	[2515685 chr5	5	70500248	70502486	2239	7	0.49878	0.045509	70500081	70500415	70502451	7050252:
170 NA10863	[2515685 chr5	5	70533834	70569756	35923	90	-0.322035	0.013588	70533656	70534012	70569576	7056993:
171 NA10863	[2515685 chr5	5	70581254	70610698	29445	62	0.327093	0.015242	70580814	70581694	70610386	7061101!
172 NA10863	[2515685 chr5	5	70623027	70687844	64818	149	0.395787	0.010342	70622847	70623208	70687830	7068785!
173 NA10863	[2515685 chr5	5	71985085	71987802	2718	4	-0.445739	0.07113	71984707	71985463	71987401	7198820-
174 NA10863	[2515685 chr5	5	81459214	81466054	6841	2	-1.380635	0.120389	81455614	81462405	81462863	8147028!
175 NA10863	[2515685 chr5	5	93928460	93933101	4642	4	-0.518846	0.080271	93927706	93929215	93931984	9393421!
176 NA10863	[2515685 chr5	5	98867127	98870861	3735	2	-1.627692	0.164888	98864129	98870125	98870667	9887105!
177 NA10863	[2515685 chr5	5	98883915	98900556	16642	34	-0.298731	0.024532	98882429	98885401	98900309	9890080:
178 NA10863	[2515685 chr5	5	99409393	99419037	9645	13	-0.792171	0.042661	99408997	99409789	99418328	9941974!
179 NA10863	[2515685 chr5	5	99424905	99436061	11157	18	-0.318914	0.032066	99424257	99425553	99433487	9943863!
180 NA10863	[2515685 chr5	5	99738581	99756720	18140	38	-0.329651	0.023201	99738184	99738978	99756474	9975696!
181 NA10863	[2515685 chr5	5	122649189	122651412	2224	3	0.449059	0.089305	122648933	122649446	122650032	12265279
182 NA10863	[2515685 chr5	5	137835848	137844134	8287	7	0.600043	0.061724	137835611	137836085	137843310	13784495
183 NA10863	[2515685 chr5	5	140203081	140218928	15848	20	1.972497	0.049673	140202344	140203819	140218508	14021934
184 NA10863	[2515685 chr5	5	140534849	140540106	5258	5	0.790319	0.069455	140534700	140534999	140539007	14054120
185 NA10863	[2515685 chr5	5	175547133	175555348	8216	11	-0.273162	0.042469	175546842	175547424	17554929	17555576
186 NA10863	[2515685 chr5	5	178994494	178994971	478	2	-0.518008	0.093568	178994223	178994766	178994768	17899517
187 NA10863	[2515685 chr5	5	179016786	179017263	478	2	-0.518008	0.093568	179016582	179016990	179016992	17901753
188 NA10863	[2515685 chr5	5	180275137	180280226	5090	5	0.511708	0.072687	180273651	180276623	180277035	18028376
189 NA10863	[2515685 chr5	5	180307611	180309236	1626	4	-0.443636	0.069939	180307260	180307962	180309103	18030937
190 NA10863	[2515685 chr5	5	180309823	180363417	53595	51	-1.014788	0.025319	180309690	180309956	180363120	1803637!
191 NA10863	[2515685 chr5	5	180765422	180821687	56266	53	-0.326945	0.020387	180765409	180765436	180820892	18082248
192 NA10863	[2515685 chr6	6	3163	18689	15527	4	0.640899	0.068905	1	6325	15699	21709
193 NA10863	[2515685 chr6	6	235965	324395	88431	101	0.333837	0.014324	235368	236563	323926	324865
194 NA10863	[2515685 chr6	6	10575525	10639044	63520	54	-0.802584	0.02087	10574226	10576825	10638633	1063945!
195 NA10863	[2515685 chr6	6	26841915	26876130	34216	68	-0.273148	0.017739	26841726	26842104	26875942	2687631!
196 NA10863	[2515685 chr6	6	26959328	26976094	16767	36	-0.348703	0.023454	26958921	26959735	26975842	2697634:
197 NA10863	[2515685 chr6	6	26978860	27078178	99319	156	0.264129	0.010939	26977811	26979909	27077814	2707854:
198 NA10863	[2515685 chr6	6	29606523	29608790	2268	3	-0.42338	0.08193	29606307	29606739	29608263	2960931!
199 NA10863	[2515685 chr6	6	29958572	30001248	42677	36	0.406434	0.022318	29957670	29959474	30001018	3000147!
200 NA10863	[2515685 chr6	6	30005092	30010672	5581	4	0.406434	0.022318	30004822	30005363	30010262	3001108:
201 NA10863	[2515685 chr6	6	30024048	30026465	2418	2	-0.778339	0.10905	30022687	30025409	30026203	3002672:
202 NA10863	[2515685 chr6	6	31344330	31346265	1936	4	-0.785902	0.068544	31344063	31344598	31345931	3134659!
203 NA10863	[2515685 chr6	6	31430392	31431299	908	2	-0.564758	0.106746	31430092	31430692	31431029	3143156!
204 NA10863	[2515685 chr6	6	32056890	32121527	64638	79	-0.345026	0.014566	32056644	32057137	32121053	3212200:
205 NA10863	[2515685 chr6	6	32565102	32586862	21761	3	-0.863037	0.141882	32564888	32565316	32586127	3258759
206 NA10863	[2515685 chr6	6	32605125	32617042	11918	9	-0.346564	0.047021	32604923	32605328	32613543	3262657
207 NA10863	[2515685 chr6	6	32653862	32654720	859	2	1.233451	0.166495	32653679	32654046	32654460	3265498!
208 NA10863	[2515685 chr6	6	32666229	32667673	1445	3	0.603579	0.081232	32665899	32666560	32667507	3266783!
209 NA10863	[2515685 chr6	6	32702716	32705737	3022	3	-0.532256	0.076475	32702285	32703148	32704019	3270745!
210 NA10863	[2515685 chr6	6	32712337	32760272	47936	43	0.373639	0.023852	32712193	32712482	32759956	3276058!
211 NA10863	[2515685 chr6	6	32799932	32801270	1339	2	1.019827	0.124206	32799289	32800576	32800912	3280162!
212 NA10863	[2515685 chr6	6	54036900	54042384	5485	5	2.637769	0.126207	54036573	54037227	54041771	5404299!
213 NA10863	[2515685 chr6	6	58358499	58376078	17580	35	-0.331062	0.02309	58358474	58358525	58375178	5837697!
214 NA10863	[2515685 chr6	6	74648985	74658746	9762	11	-0.726532	0.04689	74648748	74649222	74655247	7466226:

215 NA10863	[2515685 chr6	6	79023318	79093263	69946	70	0.813916	0.018777	79022028	79024609	79091909	79094611
216 NA10863	[2515685 chr6	6	81338148	81350271	12124	11	-3.445376	0.088441	81334276	81341647	81350013	81350531
217 NA10863	[2515685 chr6	6	103844685	103871201	26517	17	2.233399	0.064695	103844347	103845023	103868241	10387416
218 NA10863	[2515685 chr6	6	120670490	120671916	1427	2	0.664739	0.106399	120669295	120671686	120671725	12067210
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222 NA10863	[2515685 chr6	6	170684555	170687261	2707	6	-0.692329	0.062227	170684170	170684940	170686870	17068765
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224 NA10863	[2515685 chr7	7	113212	116281	3070	13	-0.258276	0.044585	113146	113279	116273	116290
225 NA10863	[2515685 chr7	7	1290683	1303659	12977	18	-0.271827	0.03467	1290278	1291089	1303144	1304174
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227 NA10863	[2515685 chr7	7	8905495	9004182	98688	97	-0.789492	0.016344	8901171	8907845	9003803	9004567
228 NA10863	[2515685 chr7	7	14024131	14025556	1426	5	0.488062	0.071588	14023511	14024751	14025262	14025851
229 NA10863	[2515685 chr7	7	56649338	56651954	2617	2	-0.605897	0.116696	56649103	56649574	56651681	56652221
230 NA10863	[2515685 chr7	7	62254472	62255088	617	4	0.613913	0.071025	62254309	62254635	62254924	62255252
231 NA10863	[2515685 chr7	7	62302079	62302696	618	4	0.613907	0.071025	62301915	62302243	62302533	62302851
232 NA10863	[2515685 chr7	7	64027541	64046357	18817	50	-0.266233	0.020074	64027276	64027806	64046143	64046577
233 NA10863	[2515685 chr7	7	64463334	64482040	18707	48	-0.266113	0.02039	64462999	64463669	64481765	64482311
234 NA10863	[2515685 chr7	7	64538610	64557415	18806	49	-0.262579	0.020123	64537873	64539348	64557080	64557751
235 NA10863	[2515685 chr7	7	69869623	69871056	1434	2	2.526691	0.149175	69869269	69869978	69870420	69871691
236 NA10863	[2515685 chr7	7	71487853	71491635	3783	2	-0.519387	0.097832	71487606	71488100	71489994	71493277
237 NA10863	[2515685 chr7	7	71858493	71859326	834	2	-0.640705	0.083609	71858284	71858703	71858719	71859931
238 NA10863	[2515685 chr7	7	72028825	72031305	2481	6	-0.268929	0.053214	72028799	72028852	72031149	72031461
239 NA10863	[2515685 chr7	7	72156868	72157708	841	2	-0.640701	0.083608	72156657	72157079	72157095	72158327
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243 NA10863	[2515685 chr7	7	89455601	89456632	1032	2	3.60884	0.192785	89455373	89455830	89456225	89457031
244 NA10863	[2515685 chr7	7	92971481	92976895	5415	4	0.655063	0.085471	92971060	92971903	92975569	92978227
245 NA10863	[2515685 chr7	7	97032078	97047344	15267	17	-0.662018	0.039489	97031625	97032531	97046973	97047711
246 NA10863	[2515685 chr7	7	101732915	101746499	13585	15	0.26799	0.03409	101732009	101733821	101745864	10174713
247 NA10863	[2515685 chr7	7	101750729	101759251	8523	11	0.35605	0.037177	101750058	101751400	101759229	101759727
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250 NA10863	[2515685 chr7	7	109776378	109782655	6278	5	-3.969358	0.165234	109775821	109776936	109782301	10978301
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253 NA10863	[2515685 chr7	7	141218636	141247657	29022	30	-0.682826	0.029375	141217990	141219282	141247027	14124828
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257 NA10863	[2515685 chr7	7	142750083	142758373	8291	4	0.422865	0.067494	142749563	142750603	142758196	14275855
258 NA10863	[2515685 chr7	7	142799053	142809985	10933	12	0.341602	0.043121	142796326	142801403	142809724	14281024
259 NA10863	[2515685 chr7	7	142819821	142828015	8195	13	0.362611	0.041563	142819476	142820166	142827707	14282832
260 NA10863	[2515685 chr7	7	142852648	142854187	1540	3	0.479086	0.076751	142852548	142852749	142853734	14285464
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262 NA10863	[2515685 chr7	7	142936330	142944772	8443	12	0.328204	0.041623	142936028	142936632	142944596	14294494
263 NA10863	[2515685 chr7	7	143000518	143009302	8785	12	0.341602	0.043121	143000258	143000779	143009099	14300950
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265 NA10863	[2515685 chr7	7	143472403	143475906	3504	7	-0.350594	0.051253	143472142	143472664	143475779	14347603
266 NA10863	[2515685 chr7	7	149285428	149287696	2269	3	0.559918	0.082915	149285181	149285676	149286346	14928904
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271 NA10863	[2515685 chr8	8	11588	66801	55214	46	-0.314905	0.021887	10326	12850	66788	66815
272 NA10863	[2515685 chr8	8	2202770	2203520	751	3	-1.144115	0.079168	2202506	2203034	2203382	2203659
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278 NA10863	[2515685 chr8	8	7692950	7693600	651	2	0.871051	0.110162	7692595	7693306	7693386	7693819
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293 NA10863	[2515685 chr9	9	310045	312573	2529	61	-0.301084	0.016233	309952	310139	312407	3127409
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297 NA10863	[2515685 chr9	9	40609092	40609741	650	2	-0.427862	0.083608	40608659	40609526	40609527	40609951
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305 NA10863	[2515685 chr9	9	43065211	43066832	1622	2	-0.802969	0.097715	43064261	43066162	43066646	43067011
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315 NA10863	[2515685 chr9	9	131289414	131293919	4506	2	-0.953688	0.11709	131287281	131291547	131292523	131295317
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317 NA10863	[2515685 chr9	9	138188003	138189923	1921	45	0.481507	0.021484	138187808	138188198	138189840	138190007
318 NA10863	[2515685 chr10	10	161582	164636	3055	6	-0.814955	0.061199	161290	161875	164450	164823
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323 NA10863	[2515685 chr10	10	37486514	37529195	42682	65	-0.380072	0.015819	37486043	37486985	37528890	37529501
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328 NA10863	[2515685 chr10	10	52136987	52143410	6424	9	-0.266492	0.043396	52136355	52137619	52140666	5216594
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334 NA10863	[2515685 chr10	10	124341749	124366738	24990	30	-0.488052	0.023293	124341238	124342261	124366300	12436717
335 NA10863	[2515685 chr10	10	127564343	127582849	18507	17	-0.269608	0.037218	127563306	127565381	127581533	12758416
336 NA10863	[2515685 chr10	10	134168268	134170259	1992	18	-0.347093	0.037342	134168012	134168524	134170097	13417042
337 NA10863	[2515685 chr10	10	135179346	135183528	4183	23	0.286285	0.024655	135178919	135179774	135183320	13518373
338 NA10863	[2515685 chr10	10	135271835	135280539	8705	10	-0.250691	0.041894	135270835	135272835	135280121	13528095
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340 NA10863	[2515685 chr11	11	2840307	2842410	2104	3	0.991716	0.097175	2839959	2840656	2841856	284296
341 NA10863	[2515685 chr11	11	3271902	3274139	2238	3	-0.62009	0.083165	3271303	3272502	3273580	327469
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345 NA10863	[2515685 chr11	11	10224779	10229788	5010	5	0.490293	0.076221	10219961	10227860	10227972	1023160
346 NA10863	[2515685 chr11	11	11831868	11833089	1222	2	0.875932	0.117986	11831412	11832324	11832853	11833321
347 NA10863	[2515685 chr11	11	18906905	18928671	21767	30	0.707439	0.027925	18906533	18907278	18928457	1892888
348 NA10863	[2515685 chr11	11	40984611	40986324	1714	2	0.466717	0.09318	40984262	40984960	40985774	4098687
349 NA10863	[2515685 chr11	11	48284073	48284771	699	2	0.939604	0.099922	48283862	48284285	48284572	4828497
350 NA10863	[2515685 chr11	11	49665830	49715829	50000	36	0.490979	0.024695	49665251	49666410	49712748	4972198
351 NA10863	[2515685 chr11	11	50233802	50235333	1532	3	-0.363125	0.070852	50233483	50234121	50234922	5023574
352 NA10863	[2515685 chr11	11	55124643	55212649	88007	98	-0.733461	0.016078	55124460	55124827	55209568	5521575
353 NA10863	[2515685 chr11	11	73812690	73818580	5891	4	-0.402018	0.076535	73812400	73812981	73818213	7381894
354 NA10863	[2515685 chr11	11	81199065	81203719	4655	3	0.529095	0.092977	81194614	81202146	81203484	8120395
355 NA10863	[2515685 chr11	11	88266938	88303948	37011	40	0.309333	0.023599	88266424	88267453	88303762	8830413
356 NA10863	[2515685 chr11	11	89184898	89188706	3809	4	0.433855	0.077114	89184243	89185554	89188235	8918917
357 NA10863	[2515685 chr11	11	89260124	89266247	6124	10	-0.54524	0.047766	89259811	89260437	89265993	8926650
358 NA10863	[2515685 chr11	11	89323920	89330042	6123	12	-0.555848	0.043268	89323666	89324175	89329729	8933035
359 NA10863	[2515685 chr11	11	134107699	134112290	4592	5	0.669758	0.07065	134106591	134108808	134111845	13411273
360 NA10863	[2515685 chr12	12	398598	408498	9901	15	0.272536	0.03259	398035	399161	408146	40885
361 NA10863	[2515685 chr12	12	736840	744802	7963	9	0.890111	0.050874	736616	737064	744211	74539
362 NA10863	[2515685 chr12	12	2112534	2127044	14511	15	0.673108	0.038722	2109107	2115961	2126809	212727
363 NA10863	[2515685 chr12	12	6113530	6117052	3523	3	0.527318	0.094715	6111640	6115421	6116289	611781
364 NA10863	[2515685 chr12	12	11070849	11144680	73832	90	-0.325867	0.015621	11069857	11071841	11144324	1114503
365 NA10863	[2515685 chr12	12	11398049	11463223	65175	66	-0.258931	0.018179	11397507	11398591	11459990	1146645
366 NA10863	[2515685 chr12	12	31869225	31874787	5563	2	0.870694	0.101699	31864235	31872714	31872796	3187677
367 NA10863	[2515685 chr12	12	32222034	32227627	5594	9	-0.885386	0.055405	32221610	32222458	32226830	3222842
368 NA10863	[2515685 chr12	12	36209455	36221304	11850	12	-0.264055	0.039411	36200442	36212944	36220304	3622230
369 NA10863	[2515685 chr12	12	36807060	36811199	4140	2	-0.502491	0.095976	36801167	36810549	36811084	3681131
370 NA10863	[2515685 chr12	12	69156923	69167885	10963	11	0.769016	0.048062	69138649	69160412	69164396	6921501
371 NA10863	[2515685 chr12	12	70475445	70476812	1368	2	-0.674271	0.111952	70475180	70475711	70476524	7047710
372 NA10863	[2515685 chr12	12	131046250	131046750	501	2	1.383231	0.127633	131046129	131046371	131046551	13104694
373 NA10863	[2515685 chr13	13	18344295	18346231	1937	3	0.496125	0.090767	18343911	18344680	18346018	1834644
374 NA10863	[2515685 chr13	13	20791907	20798885	6979	8	-0.276967	0.0526	20791561	20792253	20798220	2079955
375 NA10863	[2515685 chr13	13	33029574	33042392	12819	8	0.877135	0.059892	33000262	33034253	33041860	3304292
376 NA10863	[2515685 chr13	13	69633905	69673289	39385	42	0.831184	0.024184	69633412	69634399	69672985	6967359
377 NA10863	[2515685 chr13	13	109215660	109217089	1430	5	-0.5587	0.056572	109215230	109216090	109216885	10921729
378 NA10863	[2515685 chr13	13	110502383	110503129	747	3	-0.724934	0.095374	110502225	110502541	110502890	11050336
379 NA10863	[2515685 chr13	13	113080947	113086817	5871	2	0.976456	0.128372	113080404	113081491	113082138	11309434

380 NA10863	[2515685 chr14	14	18429036	18841309	412274	668	-0.328806	0.003728	18427834	18430239	18841144	1884147-
381 NA10863	[2515685 chr14	14	18849836	19265232	415397	722	-0.328806	0.003728	18849501	18850172	19261661	1926880-
382 NA10863	[2515685 chr14	14	19619359	19625484	6126	3	3.737128	0.205704	19612261	19624114	19625018	1962595-
383 NA10863	[2515685 chr14	14	34065529	34072036	6508	6	-0.961611	0.065589	34063717	34067341	34071486	3407258-
384 NA10863	[2515685 chr14	14	42059344	42062997	3654	2	0.784513	0.115482	42056485	42062203	42062601	4206339-
385 NA10863	[2515685 chr14	14	73051447	73053781	2335	3	-0.346942	0.069065	73051180	73051714	73052927	7305463-
386 NA10863	[2515685 chr14	14	73070288	73084642	14355	16	-0.467298	0.04216	73068747	73071829	73083193	7308609-
387 NA10863	[2515685 chr14	14	73095972	73114867	18896	14	0.281951	0.038705	73095334	73096611	73114648	7311508-
388 NA10863	[2515685 chr14	14	104766812	104778505	11694	145	0.411164	0.011182	104766457	104767167	104778286	10477872-
389 NA10863	[2515685 chr15	15	18530036	18536491	6456	7	0.350303	0.048963	18529050	18531023	18535776	1853720-
390 NA10863	[2515685 chr15	15	18840785	18849369	8585	13	-0.293999	0.040776	18839417	18842153	18848726	1885001-
391 NA10863	[2515685 chr15	15	19092673	19293921	201249	259	0.280809	0.006673	19092490	19092856	19293604	1929423-
392 NA10863	[2515685 chr15	15	19300507	19468608	168102	201	0.280809	0.006673	19298205	19305017	19468389	1946882-
393 NA10863	[2515685 chr15	15	19541235	19548332	7098	10	0.351056	0.042639	19540890	19541581	19547623	1954904-
394 NA10863	[2515685 chr15	15	19761205	19785829	24625	23	0.388862	0.027804	19663241	19763507	19785566	1978609-
395 NA10863	[2515685 chr15	15	19849877	19914793	64917	55	0.28455	0.020237	19849338	19850417	19914436	1991515-
396 NA10863	[2515685 chr15	15	20234328	20244878	10551	16	-0.346554	0.035151	20233781	20234875	20243860	2024589-
397 NA10863	[2515685 chr15	15	21051502	21068071	16570	15	0.258874	0.035511	21051321	21051684	21065769	2111638-
398 NA10863	[2515685 chr15	15	21606753	21614600	7848	7	0.911676	0.063313	21606459	21607047	21612298	2163669-
399 NA10863	[2515685 chr15	15	23482566	23483671	1106	2	0.803199	0.084021	23482224	23482908	23483437	2348390-
400 NA10863	[2515685 chr15	15	24986053	24992250	6198	7	0.852056	0.06122	24985426	24986680	24991680	2499282-
401 NA10863	[2515685 chr15	15	26319973	26331811	11839	19	-0.324179	0.033014	26319887	26320060	26331265	2633235-
402 NA10863	[2515685 chr15	15	26875842	26877026	1185	2	0.692347	0.109022	26875299	26876385	26876824	2687722-
403 NA10863	[2515685 chr15	15	32518204	32592621	74418	62	0.566608	0.0199	32517506	32518902	32592260	3259298-
404 NA10863	[2515685 chr15	15	74671388	74682820	11433	9	0.889231	0.054138	74671122	74671654	74680518	7468951-
405 NA10863	[2515685 chr15	15	75117585	75119946	2362	4	-1.692836	0.104079	75117343	75117827	75119741	7512015-
406 NA10863	[2515685 chr15	15	83581911	83582575	665	2	-0.973458	0.086036	83581731	83582092	83582192	8358295-
407 NA10863	[2515685 chr15	15	83685983	83688723	2741	2	-0.599048	0.109837	83684729	83687238	83687705	8368974-
408 NA10863	[2515685 chr15	15	98234084	98240716	6633	8	0.937119	0.058202	98233842	98234327	98239350	9824208-
409 NA10863	[2515685 chr15	15	100109640	100122682	13043	98	0.895686	0.012324	100108905	100110376	100122315	10012305-
410 NA10863	[2515685 chr15	15	100266888	100309150	42263	16	0.557578	0.036417	100264210	100269190	100307499	10031080-
411 NA10863	[2515685 chr16	16	675377	680715	5339	8	-0.277832	0.050355	674862	675892	680469	680962
412 NA10863	[2515685 chr16	16	909422	910556	1135	2	-0.480065	0.094899	909128	909716	910313	91080C
413 NA10863	[2515685 chr16	16	2638196	2640225	2030	3	0.540162	0.095087	2637783	2638609	2639826	264062-
414 NA10863	[2515685 chr16	16	5287117	5290631	3515	2	1.447713	0.137283	5286149	5288085	5288751	529327-
415 NA10863	[2515685 chr16	16	16633469	16639120	5652	4	0.947489	0.075931	16632502	16634437	16638386	1663985-
416 NA10863	[2515685 chr16	16	18199867	18200872	1006	2	-0.621226	0.113289	18199806	18199928	18200065	1820168-
417 NA10863	[2515685 chr16	16	28118672	28128818	10147	9	0.251753	0.049304	28118122	28119223	28128529	2812910-
418 NA10863	[2515685 chr16	16	28196837	28205981	9145	10	-0.302235	0.046947	28196598	28197077	28205620	2820634-
419 NA10863	[2515685 chr16	16	28324617	28335549	10933	10	0.274747	0.046857	28324569	28324665	28334190	2833690-
420 NA10863	[2515685 chr16	16	28617225	28628077	10853	11	0.279991	0.045101	28615757	28618694	28627777	2862837-
421 NA10863	[2515685 chr16	16	32106365	32106660	296	2	0.774752	0.109296	32106136	32106595	32106634	3210668-
422 NA10863	[2515685 chr16	16	32150890	32159898	9009	30	-0.313477	0.024337	32150057	32151724	32159453	3216034-
423 NA10863	[2515685 chr16	16	32159898	32160377	480	2	-1.829226	0.102272	32159453	32160343	32160346	3216040-
424 NA10863	[2515685 chr16	16	32160377	32186190	25814	69	-0.308405	0.015904	32160346	32160408	32186029	3218635-
425 NA10863	[2515685 chr16	16	32295845	32305921	10077	14	-0.359888	0.038307	32283039	32297725	32305758	3230608-
426 NA10863	[2515685 chr16	16	32580873	32606692	25820	73	-0.316446	0.01538	32580695	32581051	32606661	3260672-
427 NA10863	[2515685 chr16	16	32606692	32607163	472	2	-1.829236	0.102272	32606661	32606724	32606727	3260759-
428 NA10863	[2515685 chr16	16	32607163	32616183	9021	32	-0.319003	0.023861	32606727	32607599	32615350	3261701-
429 NA10863	[2515685 chr16	16	32660409	32660703	295	2	0.774748	0.109296	32660384	32660435	32660474	3266093-
430 NA10863	[2515685 chr16	16	33047346	33047640	295	2	0.774752	0.109296	33047117	33047575	33047614	3304766-
431 NA10863	[2515685 chr16	16	33091854	33183694	91841	230	-0.320638	0.008664	33091021	33092688	33183517	3318387-
432 NA10863	[2515685 chr16	16	34321826	34609073	287248	323	-0.47688	0.008277	34317185	34323706	34607193	3461732-
433 NA10863	[2515685 chr16	16	54352578	54380740	28163	31	-0.444741	0.026356	54351821	54353335	54380388	5438109-
434 NA10863	[2515685 chr16	16	57204541	57207585	3045	3	3.327197	0.157791	57204170	57204913	57206938	5720823-

435 NA10863	[2515685 chr16	16	83994929	84004171	9243	81	0.788767	0.015188	83994558	83995300	84003767	84004571
436 NA10863	[2515685 chr16	16	84562720	84565235	2516	11	0.526867	0.047219	84561685	84563756	84565142	8456532!
437 NA10863	[2515685 chr16	16	86669849	86672366	2518	2	-0.732405	0.092531	86669288	86670411	86671217	8667351!
438 NA10863	[2515685 chr16	16	88181036	88182713	1678	2	0.498634	0.0987	88180612	88181461	88182173	8818325!
439 NA10863	[2515685 chr16	16	88423913	88428974	5062	6	-0.385673	0.058707	88423258	88424569	88428558	8842939!
440 NA10863	[2515685 chr16	16	88710464	88712266	1803	9	-0.273688	0.05421	88710456	88710473	88712200	8871233:
441 NA10863	[2515685 chr17	17	911980	915554	3575	4	-0.42283	0.074383	911452	912508	915413	91569!
442 NA10863	[2515685 chr17	17	966845	969578	2734	21	0.381332	0.03501	966537	967154	969378	96977!
443 NA10863	[2515685 chr17	17	16657833	16665630	7798	12	-0.3424	0.044111	16657486	16658180	16665353	1666590!
444 NA10863	[2515685 chr17	17	18299050	18307779	8730	15	0.429974	0.037989	18298294	18299807	18307759	1830780!
445 NA10863	[2515685 chr17	17	18331739	18332345	607	2	-1.087941	0.106857	18331509	18331970	18331978	1833271:
446 NA10863	[2515685 chr17	17	20299935	20300531	597	2	-1.087941	0.106857	20299568	20300303	20300311	2030075:
447 NA10863	[2515685 chr17	17	20325192	20325864	673	2	0.838285	0.088189	20324968	20325416	20325582	2032614!
448 NA10863	[2515685 chr17	17	20394086	20394524	439	2	-0.602352	0.114564	20394056	20394116	20394472	2039457!
449 NA10863	[2515685 chr17	17	20571353	20578410	7058	6	-0.454319	0.062087	20571124	20571582	20577452	2057936!
450 NA10863	[2515685 chr17	17	20644041	20648732	4692	4	-0.551938	0.07391	20643647	20644435	20647744	2064972!
451 NA10863	[2515685 chr17	17	21386421	21389813	3393	4	-0.4642	0.077632	21386258	21386584	21389498	2139012:
452 NA10863	[2515685 chr17	17	21942843	21954909	12067	20	-0.405958	0.032109	21942618	21943068	21954628	2195519:
453 NA10863	[2515685 chr17	17	31506465	31830917	324453	442	-0.434043	0.006192	31506035	31506896	31830731	3183110:
454 NA10863	[2515685 chr17	17	31865078	31882505	17428	53	-0.480494	0.017874	31864350	31865807	31882171	3188284!
455 NA10863	[2515685 chr17	17	32829500	32833231	3732	5	0.745352	0.074779	32828825	32830175	32832670	3283379:
456 NA10863	[2515685 chr17	17	32852219	32855919	3701	2	-0.557734	0.109738	32851118	32853321	32854337	3285750:
457 NA10863	[2515685 chr17	17	33358586	33553833	195248	241	-0.452588	0.006727	33358400	33358772	33553386	3355428!
458 NA10863	[2515685 chr17	17	33585313	33659558	74246	131	-0.452588	0.006727	33584586	33586040	33658997	3366011!
459 NA10863	[2515685 chr17	17	36675530	36685343	9814	10	-2.264987	0.072155	36675011	36676049	36684647	3668604!
460 NA10863	[2515685 chr17	17	36785682	36793113	7432	8	0.445804	0.056712	36785202	36786162	36792578	3679364!
461 NA10863	[2515685 chr17	17	40943910	40964418	20509	23	0.283013	0.027846	40943511	40944309	40964370	4096446:
462 NA10863	[2515685 chr17	17	41035524	41036525	1002	2	1.086791	0.103665	41035120	41035928	41035967	4103708:
463 NA10863	[2515685 chr17	17	41521287	41676708	155422	155	0.43963	0.010414	41521002	41521572	41676309	4167710:
464 NA10863	[2515685 chr17	17	41694440	41724965	30526	29	0.43963	0.010414	41693144	41695737	41724205	4172572!
465 NA10863	[2515685 chr17	17	41779931	41787296	7366	4	0.51563	0.064687	41779457	41780406	41786164	4178842!
466 NA10863	[2515685 chr17	17	41959098	41986331	27234	39	0.250679	0.021366	41958869	41959327	41986039	4198662:
467 NA10863	[2515685 chr17	17	41997426	42004139	6714	3	0.534638	0.070387	41996952	41997901	42002352	4200592:
468 NA10863	[2515685 chr17	17	42970703	43026670	55968	86	-0.417191	0.016059	42970185	42971221	42925568	4302777:
469 NA10863	[2515685 chr17	17	55368842	55373984	5143	7	-0.563097	0.058923	55368278	55369406	55373396	5537457:
470 NA10863	[2515685 chr17	17	55434888	55454279	19392	36	-0.440222	0.022814	55434445	55435332	55454017	5545454:
471 NA10863	[2515685 chr17	17	55806253	55811195	4943	2	-0.649634	0.115312	55687363	55808452	55808996	5582897!
472 NA10863	[2515685 chr17	17	57652724	57667804	15081	18	-0.386671	0.014706	57652052	57653396	57667259	5766834!
473 NA10863	[2515685 chr17	17	57681793	57709501	27709	58	-0.386671	0.014706	57680114	57683473	57709158	5770984:
474 NA10863	[2515685 chr17	17	76913515	76917009	3495	2	-0.60863	0.091286	76912973	76914058	76916332	7691768!
475 NA10863	[2515685 chr18	18	14172514	14180603	8090	13	0.438064	0.039645	14172152	14172877	14179955	1418125:
476 NA10863	[2515685 chr18	18	28142218	28143399	1182	2	0.762892	0.121926	28141854	28142583	28143055	2814374:
477 NA10863	[2515685 chr18	18	74231104	74234275	3172	30	0.593775	0.021929	74230952	74231256	74234139	7423441:
478 NA10863	[2515685 chr18	18	74373005	74376367	3363	7	0.611874	0.046191	74372064	74373947	74375833	7437690:
479 NA10863	[2515685 chr18	18	74392800	74398225	5426	4	0.583079	0.076042	74390826	74394774	74397790	7439866!
480 NA10863	[2515685 chr19	19	32148	75789	43642	20	0.56018	0.031963	30498	33798	73262	79306
481 NA10863	[2515685 chr19	19	310414	312953	2540	14	-0.611413	0.038156	309687	311142	312913	31299!
482 NA10863	[2515685 chr19	19	331568	333129	1562	2	0.797186	0.101205	331314	331822	332310	33394!
483 NA10863	[2515685 chr19	19	8708780	8763535	54756	94	0.399322	0.012815	8708296	8709264	8763160	876391!
484 NA10863	[2515685 chr19	19	23007904	23013841	5938	6	0.827644	0.068545	22990964	23010431	23013525	2301415:
485 NA10863	[2515685 chr19	19	23108259	23109446	1188	2	1.129821	0.117838	23107903	23108615	23108879	2311001:
486 NA10863	[2515685 chr19	19	23257205	23258538	1334	2	-0.86682	0.12175	23256882	23257529	23258213	2325886:
487 NA10863	[2515685 chr19	19	23597182	23600235	3054	5	-2.679759	0.110243	23596541	23597823	23599600	2360087!
488 NA10863	[2515685 chr19	19	24170086	32932621	8762536	6	-0.316894	0.058704	24169950	24170222	32930094	3293796:
489 NA10863	[2515685 chr19	19	39419837	39421349	1513	3	0.542101	0.095254	39419616	39420059	39421018	3942168:

490 NA10863	[2515685 chr19	19	40352813	40357918	5106	5	-0.618764	0.069124	40352601	40353026	40356667	4035916:
491 NA10863	[2515685 chr19	19	40540866	40554347	13482	15	-0.794896	0.040538	40540646	40541086	40554020	4055467:
492 NA10863	[2515685 chr19	19	43974792	43977294	2503	2	-0.635611	0.096956	43974369	43975216	43975620	4397896:
493 NA10863	[2515685 chr19	19	53100142	53151974	51833	98	-0.325143	0.012411	53098980	53101305	53151638	5315231:
494 NA10863	[2515685 chr19	19	55285877	55336157	50281	104	-0.313597	0.011975	55285730	55286025	55335244	5533707:
495 NA10863	[2515685 chr19	19	58209430	58245460	36031	28	-0.330116	0.027316	58208997	58209863	58245024	5824589:
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498 NA10863	[2515685 chr20	20	1494617	1511097	16481	18	-0.301821	0.031552	1494422	1494812	1510534	151166:
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502 NA10863	[2515685 chr20	20	61708834	61711805	2972	22	-0.473294	0.03136	61708573	61709096	61711616	6171199:
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506 NA10863	[2515685 chr22	22	14462901	14842314	379414	714	-0.330699	0.005202	14462882	14462920	14841696	1484293:
507 NA10863	[2515685 chr22	22	15272638	15359104	86467	82	-0.253366	0.015698	15270179	15275097	15358948	1535926:
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1 NA07029	[2515685 chr1	1	29401	116508	87108	73	0.374008	0.01687	27752	31050	115824	11719:
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4 NA07029	[2515685 chr1	1	5304270	5305267	998	20	0.251431	0.032131	5303963	5304578	5305148	530538:
5 NA07029	[2515685 chr1	1	10416438	10418311	1874	2	-0.827295	0.101766	10415863	10417014	10417712	1041891:
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7 NA07029	[2515685 chr1	1	12829124	12863838	34715	49	0.276171	0.020135	12828579	12829669	12860569	1286861:
8 NA07029	[2515685 chr1	1	12884329	12886858	2530	4	0.504465	0.060846	12884224	12884434	12886536	1288718:
9 NA07029	[2515685 chr1	1	13014231	13074923	60693	5	-0.328348	0.060267	13013335	13015127	13074668	1307517:
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15	NAO7029	[2515685 chr1	1	13385220	13386788	1569	4	0.313701	0.059232	13384964	13385476	13386480	13387097
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31	NAO7029	[2515685 chr1	1	141971552	141976719	5168	17	0.447299	0.030837	141971472	141971633	141976542	141976889
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36	NAO7029	[2515685 chr1	1	145100273	145105440	5168	16	0.468333	0.032668	145100193	145100354	145105263	145105611
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38	NAO7029	[2515685 chr1	1	145547641	145570848	23208	44	0.271575	0.018966	145547498	145547784	145570678	145571011
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46	NAO7029	[2515685 chr1	1	158226359	158231105	4747	8	-0.275179	0.04263	158225685	158227033	158230227	158231981
47	NAO7029	[2515685 chr1	1	158233749	158238832	5084	7	-0.263258	0.045962	158233086	158234413	158237607	158240051
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53	NAO7029	[2515685 chr1	1	233202665	233204956	2292	42	-0.714742	0.020338	233202312	233203018	233204364	233205541
54	NAO7029	[2515685 chr1	1	243009520	243011951	2432	4	-0.451992	0.074037	243008430	243010610	243011533	243012361
55	NAO7029	[2515685 chr1	1	244850108	244851538	1431	2	0.613637	0.11177	244849536	244850681	244851004	244852071
56	NAO7029	[2515685 chr1	1	244872415	244874098	1684	5	0.543668	0.072391	244872245	244872585	244873799	244874439
57	NAO7029	[2515685 chr1	1	244932880	244936698	3819	7	-0.33383	0.057531	244932708	244933053	244936297	244937101
58	NAO7029	[2515685 chr2	2	2971104	298925	1822	7	0.755521	0.061729	296699	297510	298661	299185
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61	NAO7029	[2515685 chr2	2	44378695	44380701	2007	3	-0.701078	0.078188	44378636	44378754	44379703	44381691
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63	NAO7029	[2515685 chr2	2	87473293	87478765	5473	9	0.47236	0.04701	87472060	87474526	87478435	87479091
64	NAO7029	[2515685 chr2	2	97184386	97189735	5350	2	-0.764185	0.102201	97182781	97185992	97186782	97196721
65	NAO7029	[2515685 chr2	2	97329019	97338679	9661	21	0.265181	0.030629	97328936	97329103	97338574	97338781
66	NAO7029	[2515685 chr2	2	97613796	97614932	1137	2	1.009743	0.117116	97613553	97614040	97614467	97615391
67	NAO7029	[2515685 chr2	2	106338419	106344320	5902	7	-1.322419	0.072703	106337769	106339069	106344055	106344581
68	NAO7029	[2515685 chr2	2	111696774	111699147	2374	16	0.377887	0.035408	111696413	111697136	111698899	111699391
69	NAO7029	[2515685 chr2	2	126159437	126168349	8913	3	-2.751138	0.130884	126158494	126160381	126168048	126168651

70	NA07029	[2515685 chr2	2	129354604	129360182	5579	4	-0.789236	0.08522	129354317	129354892	129357659	12936270
71	NA07029	[2515685 chr2	2	129958566	129967168	8603	11	-0.790408	0.047047	129958273	129958860	129966150	12996818
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78	NA07029	[2515685 chr2	2	213009234	213016481	7248	8	-0.966998	0.051628	213008915	213009554	213016164	21301679
79	NA07029	[2515685 chr2	2	232510540	232541443	30904	8	-0.267324	0.043856	232509939	232511142	232540043	23254284
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87	NA07029	[2515685 chr3	3	100426489	100432540	6052	6	-0.84954	0.063112	100426149	100426829	100431494	10043358
88	NA07029	[2515685 chr3	3	113387620	113537850	150231	3	0.49124	0.083903	113386664	113388576	113534205	11357037
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90	NA07029	[2515685 chr3	3	163994592	164008330	13739	18	2.008456	0.025936	163993392	163995793	164008010	16400865
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93	NA07029	[2515685 chr3	3	176561952	176567506	5555	5	-0.869965	0.072789	176560250	176563654	176565991	17656902
94	NA07029	[2515685 chr3	3	191219813	191223326	3514	4	0.760974	0.076795	191219291	191220336	191222918	19122373
95	NA07029	[2515685 chr3	3	192547312	192554331	7020	10	0.936877	0.051726	192546950	192547674	192554127	19255453
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102	NA07029	[2515685 chr4	4	8740931	8756949	16019	23	0.554623	0.024629	8740864	8740999	8756813	875708
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107	NA07029	[2515685 chr4	4	49400450	49422181	21732	40	-0.276917	0.022082	49400386	49400515	49422125	4942223
108	NA07029	[2515685 chr4	4	63500374	63504889	4516	5	-3.635653	0.155523	63494261	63503440	63504639	6350514
109	NA07029	[2515685 chr4	4	64522941	64543857	20917	20	-0.7364	0.037323	64522682	64523201	64542552	6454516
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126	NA07029	[2515685 chr4	4	162578301	162579832	1532	2	-0.714399	0.114986	162577752	162578850	162579615	16258004
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136	NA07029	[2515685 chr5	5	261631	263283	1653	9	0.316223	0.052585	261032	262230	262766	263801
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139	NA07029	[2515685 chr5	5	12863961	12873512	9552	14	-0.80145	0.045352	12863778	12864144	12873198	12873827
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141	NA07029	[2515685 chr5	5	21306897	21427569	120673	185	0.291623	0.009855	21306668	21307127	21426744	21428394
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165	NA07029	[2515685 chr5	5	137838768	137844134	5367	4	0.779744	0.084893	137838364	137839173	137843310	13784495
166	NA07029	[2515685 chr5	5	140203081	140217091	14011	18	2.111844	0.056039	140202344	140203819	140216552	14021763
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174	NA07029	[2515685 chr6	6	3163	21917	18755	7	0.415151	0.054481	1	6325	21741	22093
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178	NA07029	[2515685 chr6	6	27033591	27040840	7250	16	0.386823	0.033705	27033178	27034005	27040641	27041041
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192	NA07029	[2515685 chr6	6	110503022	110518328	15307	20	-0.675861	0.034865	110502679	110503366	110516599	11052005
193	NA07029	[2515685 chr6	6	120671191	120671916	726	2	1.257522	0.108605	120670696	120671686	120671725	12067210
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195	NA07029	[2515685 chr6	6	170603879	170604666	788	2	-2.395459	0.134383	170603541	170604217	170604339	17060499
196	NA07029	[2515685 chr6	6	170625506	170627028	1523	3	2.477399	0.142441	170625015	170625997	170626579	17062747
197	NA07029	[2515685 chr6	6	170684555	170687261	2707	6	-0.727356	0.062938	170684170	170684940	170686870	17068765
198	NA07029	[2515685 chr7	7	3384744	3392458	7715	7	0.866766	0.061146	3383451	3386038	3390107	3395611
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205	NA07029	[2515685 chr7	7	62423752	62430522	6771	18	-0.452235	0.035342	62423322	62424183	62429779	62431261
206	NA07029	[2515685 chr7	7	64463334	64481591	18258	48	-0.258176	0.020255	64462999	64463669	64481417	64481761
207	NA07029	[2515685 chr7	7	64538610	64556662	18053	49	-0.269297	0.019931	64537873	64539348	64556244	64557081
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225	NA07029	[2515685 chr7	7	100177861	100181973	4113	2	-0.515086	0.091629	100177385	100178338	100180328	10018361
226	NA07029	[2515685 chr7	7	109034783	109048749	13967	10	1.582543	0.065578	109024063	109037134	109046953	10905054
227	NA07029	[2515685 chr7	7	109776378	109782655	6278	5	0.985945	0.077841	109775821	109776936	109782301	10978301
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233	NA07029	[2515685 chr7	7	141505136	141521152	16017	19	0.674432	0.03646	141504428	141505844	141520892	14152141
234	NA07029	[2515685 chr7	7	141759291	141761893	2603	3	-0.590027	0.088198	141758892	141759690	141761589	14176219

235	NA07029	[2515685 chr7	7	141960848	141993247	32400	38	-0.325356	0.023465	141960004	141961693	141992651	14199384
236	NA07029	[2515685 chr7	7	142733905	142785614	51710	60	-0.270728	0.007642	142733678	142734133	142785534	14278569
237	NA07029	[2515685 chr7	7	142795453	142863185	67733	100	-0.270728	0.007642	142794993	142795913	142862808	14286356
238	NA07029	[2515685 chr7	7	142893148	143009302	116155	160	-0.270728	0.007642	142892611	142893685	143009099	14300950
239	NA07029	[2515685 chr7	7	143320629	143415599	94971	169	0.382315	0.007419	143320373	143320886	143415580	14341561
240	NA07029	[2515685 chr7	7	143420642	143500242	79601	159	0.382315	0.007419	143420120	143421165	143499999	14350048
241	NA07029	[2515685 chr7	7	143503774	143511719	7946	16	0.382315	0.007419	143503497	143504051	143511270	14351216
242	NA07029	[2515685 chr7	7	156939035	156942423	3389	5	0.369954	0.05528	156938932	156939138	156941474	15694337
243	NA07029	[2515685 chr7	7	156976112	156978464	2353	2	1.027865	0.10519	156975812	156976413	156977896	15697903
244	NA07029	[2515685 chr7	7	158207288	158209880	2593	2	0.667378	0.116001	158206344	158208233	158209333	15821042
245	NA07029	[2515685 chr7	7	158617060	158624379	7320	6	0.883748	0.068222	158616763	158617357	158622028	15862673
246	NA07029	[2515685 chr8	8	345497	346408	912	2	1.150389	0.114443	345046	345949	346376	346440
247	NA07029	[2515685 chr8	8	1328256	1343509	15254	45	-0.468903	0.020108	1327688	1328824	1342795	134422
248	NA07029	[2515685 chr8	8	3885315	3887416	2102	2	0.631557	0.099778	3885089	3885542	3886275	388855
249	NA07029	[2515685 chr8	8	4587639	4588884	1246	2	0.485335	0.089819	4587366	4587912	4588543	458922
250	NA07029	[2515685 chr8	8	5582875	5594011	11137	9	0.787829	0.047635	5582615	5583135	5592820	559520
251	NA07029	[2515685 chr8	8	5606419	5608402	1984	2	-0.624443	0.109701	5605995	5606844	5607751	560905
252	NA07029	[2515685 chr8	8	5817892	5820042	2151	2	-0.736604	0.125287	5817072	5818713	5819661	582042
253	NA07029	[2515685 chr8	8	6859067	6859687	621	2	0.534223	0.097816	6858790	6859345	6859435	685994
254	NA07029	[2515685 chr8	8	7099851	7140759	40909	182	0.373522	0.009092	7099790	7099913	7140745	714077
255	NA07029	[2515685 chr8	8	7260002	7261450	1449	2	0.748681	0.125062	7259534	7260470	7261174	726172
256	NA07029	[2515685 chr8	8	7396178	7430731	34554	146	0.367571	0.010126	7396165	7396192	7430300	743116
257	NA07029	[2515685 chr8	8	7608391	7664722	56332	255	0.387608	0.007665	7608330	7608453	7664708	766473
258	NA07029	[2515685 chr8	8	7765788	7773470	7683	11	0.253355	0.041938	7765577	7765999	7773367	777357
259	NA07029	[2515685 chr8	8	7909185	7928723	19539	80	0.382989	0.013753	7908888	7909482	7928292	792915
260	NA07029	[2515685 chr8	8	12064826	12072888	8063	27	0.380688	0.024556	12064663	12064989	12072625	1207315
261	NA07029	[2515685 chr8	8	12314107	12322179	8073	24	0.352835	0.025768	12313944	12314270	12321906	1232245
262	NA07029	[2515685 chr8	8	17671955	17673956	2002	3	0.451436	0.073757	17671619	17672291	17673575	1767433
263	NA07029	[2515685 chr8	8	20022286	20024771	2486	2	-1.200481	0.134866	20021082	20023491	20024338	2002520
264	NA07029	[2515685 chr8	8	25028407	25046917	18511	15	-0.868667	0.039076	25027885	25028930	25046777	2504705
265	NA07029	[2515685 chr8	8	39351178	39506673	155496	161	0.798796	0.01247	39350826	39351530	39505284	3950806
266	NA07029	[2515685 chr8	8	39716664	39716976	313	2	-0.465903	0.092772	39716554	39716775	39716857	3971709
267	NA07029	[2515685 chr8	8	49081430	49084499	3070	2	0.960775	0.115078	49079497	49083364	49084089	4908491
268	NA07029	[2515685 chr8	8	58276887	58283471	6585	6	0.447703	0.055197	58276659	58277116	58283237	5828370
269	NA07029	[2515685 chr8	8	85423649	85431920	8272	7	1.041486	0.059148	85423043	85424256	85431347	8543249
270	NA07029	[2515685 chr8	8	86742169	86910255	168087	105	0.295111	0.012187	86741757	86742581	86910002	8691050
271	NA07029	[2515685 chr8	8	120222660	120229952	7293	6	0.877299	0.063894	120218251	120225414	120229434	12023047
272	NA07029	[2515685 chr8	8	145530388	145532720	2333	2	0.656128	0.118478	145530166	145530611	145532494	14553294
273	NA07029	[2515685 chr9	9	310045	312573	2529	61	0.548945	0.016004	309952	310139	312407	312740
274	NA07029	[2515685 chr9	9	6690711	6699868	9158	8	-0.563824	0.050458	6685281	6693073	6698343	670139
275	NA07029	[2515685 chr9	9	44153357	44153558	202	2	-0.660775	0.099218	44153348	44153366	44153395	4415372
276	NA07029	[2515685 chr9	9	65309543	65309744	202	2	-0.660773	0.099218	65309534	65309552	65309581	6530990
277	NA07029	[2515685 chr9	9	66230851	66231052	202	2	-0.660775	0.099218	66230842	66230860	66230889	6623121
278	NA07029	[2515685 chr9	9	67195876	67196883	1008	2	0.510082	0.085106	67195691	67196062	67196717	6719704
279	NA07029	[2515685 chr9	9	68200977	68201915	939	2	0.736706	0.095263	68200578	68201376	68201730	6820210
280	NA07029	[2515685 chr9	9	76785489	76787598	2110	2	-0.815198	0.100667	76785038	76785941	76787269	7678792
281	NA07029	[2515685 chr9	9	81749621	81753060	3440	2	-0.494357	0.090165	81749264	81749979	81750698	8175616
282	NA07029	[2515685 chr9	9	81760964	81793706	32743	48	-0.467158	0.017737	81760558	81761370	81793559	8179385
283	NA07029	[2515685 chr9	9	81832560	81840507	7948	11	-0.344654	0.043656	81832083	81833037	81840112	8184090
284	NA07029	[2515685 chr9	9	101795950	101804576	8627	7	-0.960707	0.063751	101795517	101796383	101803113	10180603
285	NA07029	[2515685 chr9	9	138188003	138189923	1921	45	0.521655	0.02078	138187808	138188198	138189840	13819000
286	NA07029	[2515685 chr9	9	138295059	138303575	8517	11	-0.422568	0.043441	138294774	138295345	138302275	13830487
287	NA07029	[2515685 chr10	10	170571	172369	1799	2	0.553756	0.090545	170341	170801	171237	173501
288	NA07029	[2515685 chr10	10	6693908	6703893	9986	8	0.821335	0.055439	6692231	6695585	6703779	670400
289	NA07029	[2515685 chr10	10	20036833	20038315	1483	2	-2.172287	0.149448	20036464	20037202	20038007	2003862

290	NA07029	[2515685 chr10	10	20888200	20900113	11914	9	-0.811942	0.053783	20883329	20890946	20897367	20902917
291	NA07029	[2515685 chr10	10	37486514	37529195	42682	65	-0.374268	0.015482	37486043	37486985	37528890	37529500
292	NA07029	[2515685 chr10	10	42645281	42650729	5449	12	-0.29633	0.040414	42644935	42645627	42650066	42651393
293	NA07029	[2515685 chr10	10	46182371	47173707	991337	1453	-0.342962	0.003478	46182194	46182549	47173507	47173907
294	NA07029	[2515685 chr10	10	47217375	47237545	20171	67	-0.370724	0.015759	47217255	47217496	47237269	47237827
295	NA07029	[2515685 chr10	10	47723236	47806251	83016	230	-0.32208	0.008704	47575187	47725982	47806074	47806421
296	NA07029	[2515685 chr10	10	47877984	47895873	17890	56	-0.377508	0.017086	47877760	47878209	47895597	47896143
297	NA07029	[2515685 chr10	10	48572137	48870392	298256	305	-0.323724	0.007143	48571961	48572314	48870221	48870561
298	NA07029	[2515685 chr10	10	51116619	51132551	15933	22	-0.315456	0.02813	51067634	51119365	51132382	51132727
299	NA07029	[2515685 chr10	10	52136987	52143412	6426	9	-0.274555	0.042459	52136355	52137619	52140666	52165941
300	NA07029	[2515685 chr10	10	55013473	55025089	11617	3	0.550868	0.09587	55011568	55015379	55024760	55025411
301	NA07029	[2515685 chr10	10	56117212	56139275	22064	20	-0.896276	0.03354	56115764	56118661	56138931	56139611
302	NA07029	[2515685 chr10	10	58173880	58177193	3314	4	0.346436	0.068478	58173632	58174128	58176981	58177401
303	NA07029	[2515685 chr10	10	81130012	81131239	1228	3	0.626605	0.072495	81129619	81130405	81131087	81131339
304	NA07029	[2515685 chr10	10	81450211	81451438	1228	3	0.626605	0.072495	81449818	81450604	81451286	81451591
305	NA07029	[2515685 chr10	10	81587909	81589341	1433	3	0.615244	0.072286	81587312	81588507	81589190	81589493
306	NA07029	[2515685 chr10	10	84398057	84421454	23398	26	0.550922	0.030635	84396460	84399654	84421205	84421707
307	NA07029	[2515685 chr10	10	88866216	88966295	100080	111	-0.341419	0.012827	88865617	88866816	88965910	88966681
308	NA07029	[2515685 chr10	10	88972215	88973430	1216	4	0.628049	0.063137	88971824	88972607	88973280	88973587
309	NA07029	[2515685 chr10	10	89104175	89105652	1478	3	0.626591	0.072494	89103532	89104819	89105500	89105807
310	NA07029	[2515685 chr10	10	102208209	102259466	51258	54	0.496252	0.020151	102203482	102210955	102258995	10225993
311	NA07029	[2515685 chr10	10	124336365	124341749	5385	6	0.493794	0.066577	124335581	124337149	124341238	12434226
312	NA07029	[2515685 chr10	10	124350353	124366738	16386	21	-0.58124	0.026023	124350031	124350675	124366300	12436717
313	NA07029	[2515685 chr10	10	129048824	129051127	2304	2	-0.725351	0.141708	129048372	129049276	129050257	12905199
314	NA07029	[2515685 chr10	10	134168766	134170259	1494	17	-0.305569	0.039842	134168524	134169008	134170097	13417042
315	NA07029	[2515685 chr10	10	134924761	134926337	1577	16	0.354053	0.042478	134924706	134924816	134926184	13492649
316	NA07029	[2515685 chr10	10	134932085	134935385	3301	4	0.451424	0.075345	134931752	134932419	134934910	13493586
317	NA07029	[2515685 chr10	10	135365507	135367159	1653	2	0.920956	0.129354	135364999	135366016	135366656	13536766
318	NA07029	[2515685 chr11	11	969654	971069	1416	2	0.974286	0.112529	969933	969976	970737	971401
319	NA07029	[2515685 chr11	11	2840307	2842410	2104	3	0.814886	0.095276	2839959	2840656	2841856	2842961
320	NA07029	[2515685 chr11	11	2999681	3174862	175182	3	-0.55168	0.076368	2949255	3002762	3173264	3176467
321	NA07029	[2515685 chr11	11	3619753	3621196	1444	2	-0.924193	0.122015	3619588	3619919	3620949	3621443
322	NA07029	[2515685 chr11	11	3628748	3632795	4048	6	-2.449609	0.087394	3625722	3631775	3632594	3632991
323	NA07029	[2515685 chr11	11	4924831	4933540	8710	9	-0.770421	0.050581	4924403	4925260	4933251	4933831
324	NA07029	[2515685 chr11	11	5717038	5718491	1454	2	3.251304	0.211425	5716660	5717416	5718038	5718941
325	NA07029	[2515685 chr11	11	5741269	5765993	24725	33	2.072421	0.039073	5741059	5741480	5765632	5766354
326	NA07029	[2515685 chr11	11	11831868	11833089	1222	2	0.940094	0.115616	11831412	11832324	11832853	11833321
327	NA07029	[2515685 chr11	11	18906905	18928671	21767	30	0.686633	0.027776	18906533	18907278	18928457	18928881
328	NA07029	[2515685 chr11	11	48284073	48284771	699	2	0.994404	0.104982	48283862	48284285	48284572	48284971
329	NA07029	[2515685 chr11	11	49665830	49715829	50000	36	0.484956	0.02465	49665251	49666410	49712748	49721983
330	NA07029	[2515685 chr11	11	73812690	73818580	5891	4	-0.458688	0.077726	73812400	73812981	73818213	73818943
331	NA07029	[2515685 chr11	11	81179059	81197695	18637	15	-0.698669	0.040268	81178883	81179236	81194614	81202141
332	NA07029	[2515685 chr11	11	88254238	88303948	49711	44	0.270911	0.022494	88254017	88254459	88303762	88304131
333	NA07029	[2515685 chr11	11	106744846	106751052	6207	9	-0.745828	0.055659	106744561	106745131	106747971	106754831
334	NA07029	[2515685 chr11	11	134107699	134112290	4592	5	0.715025	0.06981	134106591	134108808	134111845	134112731
335	NA07029	[2515685 chr12	12	736840	744802	7963	9	0.910469	0.0496	736616	737064	744211	745394
336	NA07029	[2515685 chr12	12	2112534	2127044	14511	15	0.643463	0.038462	2109107	2115961	2126809	2127275
337	NA07029	[2515685 chr12	12	6113530	6117052	3523	3	0.524587	0.090929	6111640	6115421	6116289	6117811
338	NA07029	[2515685 chr12	12	7846762	7847901	1140	2	0.730715	0.101564	7846594	7846930	7847677	7848121
339	NA07029	[2515685 chr12	12	8263675	8269259	5585	16	0.405741	0.033281	8263598	8263752	8268864	8269654
340	NA07029	[2515685 chr12	12	11038220	11039650	1431	3	0.416963	0.079367	11037861	11038580	11039445	11039851
341	NA07029	[2515685 chr12	12	11070849	11083764	12916	19	-0.497028	0.033962	11069857	11071841	11083559	11083961
342	NA07029	[2515685 chr12	12	11109398	11142012	32615	40	-0.801316	0.024744	11109206	11109590	11141608	11142417
343	NA07029	[2515685 chr12	12	11398049	11463223	65175	66	-0.28293	0.018004	11397507	11398591	11459990	11466457
344	NA07029	[2515685 chr12	12	12605956	12607299	1344	2	0.726304	0.135903	12605559	12606353	12606864	12607734

345	NA07029	[2515685 chr12	12	31869223	31874787	5565	2	0.7453	0.095351	31864235	31872714	31872796	3187677!
346	NA07029	[2515685 chr12	12	33785283	33791667	6385	2	0.700232	0.114817	33781521	33788774	33791366	3379196!
347	NA07029	[2515685 chr12	12	69156921	69167887	10967	11	0.756034	0.047508	69138649	69160412	69164396	6921501!
348	NA07029	[2515685 chr12	12	78656134	78665261	9128	9	0.45918	0.05003	78654687	78657582	78664736	7866578!
349	NA07029	[2515685 chr12	12	128864324	128869047	4724	14	-0.280195	0.03048	128863938	128864711	128867605	12887048
350	NA07029	[2515685 chr12	12	129401626	129403321	1696	2	0.481489	0.089876	129401288	129401965	129403022	12940362
351	NA07029	[2515685 chr12	12	130315291	130316795	1505	12	0.351164	0.034834	130315089	130315493	130316384	13031720
352	NA07029	[2515685 chr12	12	131046250	131046750	501	2	0.666758	0.115387	131046129	131046371	131046551	13104694
353	NA07029	[2515685 chr13	13	25947233	25950398	3166	3	3.197825	0.151105	25946194	25948272	25949415	2595138!
354	NA07029	[2515685 chr13	13	33029574	33043421	13848	9	0.783518	0.055954	33000262	33034253	33042925	3304391!
355	NA07029	[2515685 chr13	13	56611711	56645734	34024	47	-0.339199	0.016635	56610946	56612477	56645321	5664614!
356	NA07029	[2515685 chr13	13	69633905	69673289	39385	42	0.870246	0.024458	69633412	69634399	69672985	6967359!
357	NA07029	[2515685 chr13	13	71375850	71378291	2442	2	-3.31535	0.254016	71374967	71376734	71377584	7137899!
358	NA07029	[2515685 chr13	13	103789222	103790362	1141	2	-0.670203	0.117844	103788903	103789541	103790218	10379050
359	NA07029	[2515685 chr13	13	109215660	109217089	1430	5	-0.441998	0.059389	109215230	109216090	109216885	10921729
360	NA07029	[2515685 chr13	13	110502383	110503129	747	3	-0.890246	0.098602	110502225	110502541	110502890	11050336
361	NA07029	[2515685 chr13	13	113079647	113086817	7171	3	0.635118	0.084703	113078890	113080404	113082138	11309434
362	NA07029	[2515685 chr14	14	18533593	18541076	7484	4	-0.41216	0.073356	18532349	18534837	18540534	1854161!
363	NA07029	[2515685 chr14	14	19265232	19494842	229611	212	-0.372854	0.010109	19261661	19268804	19494444	1949524!
364	NA07029	[2515685 chr14	14	26904080	27124134	220055	3	0.390163	0.072919	26810831	26908840	27123302	2712496!
365	NA07029	[2515685 chr14	14	42059344	42062997	3654	2	0.824628	0.112373	42056485	42062203	42062601	4206339!
366	NA07029	[2515685 chr14	14	53780053	53783579	3527	6	-0.778045	0.068698	53779833	53780274	53783238	5378392!
367	NA07029	[2515685 chr14	14	69086774	69092832	6059	6	-0.886571	0.058205	69086153	69087395	69092239	6909342!
368	NA07029	[2515685 chr14	14	73052083	73053781	1699	2	-0.45145	0.083763	73051714	73052452	73052927	7305463!
369	NA07029	[2515685 chr14	14	73070288	73084642	14355	16	-0.466834	0.041595	73068747	73071829	73083193	7308609!
370	NA07029	[2515685 chr14	14	73106064	73117243	11180	11	0.293323	0.045385	73105752	73106376	73116211	7311827!
371	NA07029	[2515685 chr15	15	18437301	18438714	1414	2	-1.453254	0.111651	18436702	18437900	18438383	1843904!
372	NA07029	[2515685 chr15	15	18439288	18458940	19653	19	-0.250356	0.034869	18439045	18439532	18458212	1845966!
373	NA07029	[2515685 chr15	15	18982454	18982857	404	2	-0.520224	0.081914	18982356	18982552	18982746	1898296!
374	NA07029	[2515685 chr15	15	19090947	19293921	202975	263	0.306497	0.006574	19090386	19091509	19293604	1929423!
375	NA07029	[2515685 chr15	15	19300507	19476573	176067	205	0.306497	0.006574	19298205	19305017	19476331	1947681!
376	NA07029	[2515685 chr15	15	19538254	19548332	10079	12	0.295231	0.037845	19537046	19539462	19547623	1954904!
377	NA07029	[2515685 chr15	15	19662452	19797016	134565	42	0.343887	0.020293	19662119	19662785	19796797	1979723!
378	NA07029	[2515685 chr15	15	19838440	19844122	5683	9	-0.68221	0.052836	19836986	19839894	19843950	1984429!
379	NA07029	[2515685 chr15	15	19844483	19845597	1115	2	-0.714816	0.108915	19844295	19844671	19845254	1984594!
380	NA07029	[2515685 chr15	15	19960987	19963910	2924	4	-0.612786	0.081116	19960606	19961369	19963782	1996403!
381	NA07029	[2515685 chr15	15	20229743	20234328	4586	11	0.575019	0.041823	20229703	20229783	20233781	2023487!
382	NA07029	[2515685 chr15	15	20371610	20385913	14304	19	-0.273847	0.031446	20367922	20373912	20385577	2038625!
383	NA07029	[2515685 chr15	15	20475783	20477325	1543	2	-0.456808	0.089461	20475140	20476426	20477073	2047757!
384	NA07029	[2515685 chr15	15	20940676	20940987	312	2	-0.520224	0.081914	20940578	20940774	20940968	2094100!
385	NA07029	[2515685 chr15	15	21049779	21068071	18293	18	0.274217	0.030457	21049217	21050342	21065769	2111638!
386	NA07029	[2515685 chr15	15	21228375	21228686	312	2	-0.520224	0.081914	21228277	21228473	21228667	2122870!
387	NA07029	[2515685 chr15	15	21606753	21614600	7848	7	0.915722	0.064217	21606459	21607047	21612298	2163669!
388	NA07029	[2515685 chr15	15	22240140	22245365	5226	9	0.346913	0.050688	22238835	22241445	22244636	2224609!
389	NA07029	[2515685 chr15	15	22270650	22278459	7810	11	-0.262011	0.043119	22270434	22270866	22278179	2227874!
390	NA07029	[2515685 chr15	15	24986053	24992250	6198	7	0.877262	0.062384	24985426	24986680	24991680	2499282!
391	NA07029	[2515685 chr15	15	26251915	26252414	500	2	-0.520224	0.081914	26251815	26252015	26252209	2625262!
392	NA07029	[2515685 chr15	15	26331811	26343818	12008	25	0.577332	0.027685	26331265	26332358	26342288	2634534!
393	NA07029	[2515685 chr15	15	26538169	26542764	4596	11	0.59155	0.039733	26538129	26538209	26542214	2654331!
394	NA07029	[2515685 chr15	15	26622234	26622638	405	2	-0.520224	0.081914	26622123	26622345	26622539	2662273!
395	NA07029	[2515685 chr15	15	26875842	26877026	1185	2	1.167135	0.124229	26875299	26876385	26876824	2687722!
396	NA07029	[2515685 chr15	15	28122918	28124033	1116	2	0.587055	0.117138	28122573	28123264	28123750	2812431!
397	NA07029	[2515685 chr15	15	32515477	32592025	76549	64	0.565522	0.019515	32514954	32516000	32591791	3259226!
398	NA07029	[2515685 chr15	15	41775760	41777132	1373	2	-0.604025	0.114397	41775441	41776080	41776863	4177740!
399	NA07029	[2515685 chr15	15	74671388	74682820	11433	9	1.010493	0.055465	74671122	74671654	74680518	7468951!

400	NA07029	[2515685 chr15	15	75117585	75119946	2362	4	-1.630594	0.101964	75117343	75117827	75119741	7512015:
401	NA07029	[2515685 chr15	15	80588100	80588985	886	2	-1.164488	0.086282	80587699	80588502	80588602	8058936:
402	NA07029	[2515685 chr15	15	80982676	80983561	886	2	-1.164497	0.086283	80982275	80983078	80983178	8098394:
403	NA07029	[2515685 chr15	15	82333041	82335194	2154	2	-0.674801	0.104586	82332284	82333799	82334729	8233566:
404	NA07029	[2515685 chr15	15	83581911	83582575	665	2	-1.164497	0.086283	83581731	83582092	83582192	8358295:
405	NA07029	[2515685 chr15	15	95613871	95635465	21595	10	-0.812657	0.048847	95609763	95616173	95633163	9565465:
406	NA07029	[2515685 chr15	15	100109640	100122682	13043	98	0.691799	0.012028	100108905	100110376	100122315	10012305:
407	NA07029	[2515685 chr15	15	100264033	100309150	45118	18	0.387169	0.034111	100263857	100264210	100307499	10031080:
408	NA07029	[2515685 chr16	16	131844	136972	5129	4	0.404501	0.074991	131416	132273	135407	138537
409	NA07029	[2515685 chr16	16	669910	671309	1400	2	0.790617	0.120359	669664	670156	670956	671665
410	NA07029	[2515685 chr16	16	5287117	5290633	3517	2	1.664867	0.140567	5286149	5288085	5288751	529327:
411	NA07029	[2515685 chr16	16	16633469	16639120	5652	4	0.540968	0.074038	16632502	16634437	16638386	1663985:
412	NA07029	[2515685 chr16	16	21475160	21502620	27461	20	0.352243	0.031896	21474882	21475438	21501101	2150414:
413	NA07029	[2515685 chr16	16	22521651	22618743	97093	84	0.332474	0.015871	22521425	22521878	22617181	2262030:
414	NA07029	[2515685 chr16	16	28324617	28335549	10933	10	0.274449	0.046509	28324569	28324665	28334190	2833690:
415	NA07029	[2515685 chr16	16	28622218	28628077	5860	4	0.424438	0.07367	28620341	28624095	28627777	2862837:
416	NA07029	[2515685 chr16	16	30239265	30240317	1053	2	-0.547024	0.09305	30239046	30239484	30240061	3024057:
417	NA07029	[2515685 chr16	16	31869470	31989695	120226	197	-0.281311	0.009766	31869136	31869805	31987813	3199924:
418	NA07029	[2515685 chr16	16	32106365	32106660	296	2	1.13132	0.121943	32106136	32106595	32106634	3210668:
419	NA07029	[2515685 chr16	16	32159898	32160377	480	2	-2.140533	0.125458	32159453	32160343	32160346	3216040:
420	NA07029	[2515685 chr16	16	32203463	32219640	16178	30	-0.363962	0.023098	32200681	32205345	32219531	3221974:
421	NA07029	[2515685 chr16	16	32479455	32560619	81165	86	-0.342185	0.015956	32470048	32481337	32559391	3256184:
422	NA07029	[2515685 chr16	16	32606692	32607163	472	2	-2.140533	0.125458	32606661	32606724	32606727	3260759:
423	NA07029	[2515685 chr16	16	32660409	32660703	295	2	1.131319	0.121943	32660384	32660435	32660474	3266093:
424	NA07029	[2515685 chr16	16	32765698	32932957	167260	254	-0.291705	0.008754	32765344	32766052	32931075	3294249:
425	NA07029	[2515685 chr16	16	33047346	33047640	295	2	1.131319	0.121943	33047117	33047575	33047614	3304766:
426	NA07029	[2515685 chr16	16	33100875	33101346	472	2	-2.140472	0.125456	33100438	33101312	33101315	3310137:
427	NA07029	[2515685 chr16	16	33157406	33157879	474	2	-2.140503	0.125457	33156967	33157845	33157848	3315791:
428	NA07029	[2515685 chr16	16	33201517	33217055	15539	28	-0.361779	0.024086	33197841	33203399	33216946	3321716:
429	NA07029	[2515685 chr16	16	33392689	33398916	6228	12	-0.351551	0.040809	33392062	33393316	33398608	3339922:
430	NA07029	[2515685 chr16	16	33476904	33478338	1435	2	-0.670261	0.118261	33476264	33477545	33478077	3347860:
431	NA07029	[2515685 chr16	16	33502420	33724596	222177	309	-0.303336	0.00806	33502141	33502700	33724257	3372493:
432	NA07029	[2515685 chr16	16	33863080	33875988	12909	11	0.301111	0.045146	33860552	33864962	33874106	3403120:
433	NA07029	[2515685 chr16	16	34324091	34609075	284985	322	-0.473941	0.008279	34323706	34324477	34607193	3461732:
434	NA07029	[2515685 chr16	16	57204541	57207585	3045	3	4.576658	0.193347	57204170	57204913	57206938	5720823:
435	NA07029	[2515685 chr16	16	57231525	57234603	3079	2	-0.56872	0.094097	57230452	57232599	57233543	5723566:
436	NA07029	[2515685 chr16	16	79534561	79540634	6074	8	-0.679464	0.055059	79532411	79536443	79540299	7954097:
437	NA07029	[2515685 chr16	16	83994929	84004171	9243	81	0.33089	0.014157	83994558	83995300	84003767	8400457:
438	NA07029	[2515685 chr16	16	85087756	85089036	1281	2	0.987615	0.116275	85087427	85088085	85088690	8508938:
439	NA07029	[2515685 chr16	16	86669849	86672366	2518	2	-3.022903	0.163308	86669288	86670411	86671217	8667351:
440	NA07029	[2515685 chr16	16	88181036	88182713	1678	2	0.894022	0.10845	88180612	88181461	88182173	8818325:
441	NA07029	[2515685 chr17	17	911980	915554	3575	4	0.775643	0.07687	911452	912508	915413	915696
442	NA07029	[2515685 chr17	17	966845	969578	2734	21	0.898628	0.036331	966537	967154	969378	969775
443	NA07029	[2515685 chr17	17	18299050	18327737	28688	39	-0.3792	0.023332	18298294	18299807	18327321	1832815:
444	NA07029	[2515685 chr17	17	18331739	18332345	607	2	-1.298716	0.109023	18331509	18331970	18331978	1833271:
445	NA07029	[2515685 chr17	17	20286517	20338871	52355	84	-0.320428	0.01565	20286294	20286740	20338701	2033904:
446	NA07029	[2515685 chr17	17	21826349	21834752	8404	7	0.257689	0.046807	21826238	21826461	21833710	2183579:
447	NA07029	[2515685 chr17	17	21942843	21954909	12067	20	-0.314268	0.031681	21942618	21943068	21954628	2195519:
448	NA07029	[2515685 chr17	17	31514581	31523655	9075	29	-0.332504	0.023699	31514267	31514895	31523372	3152393:
449	NA07029	[2515685 chr17	17	31602423	31611752	9330	32	-0.324148	0.022493	31602327	31602520	31611416	3161208:
450	NA07029	[2515685 chr17	17	31811051	31826712	15662	45	-0.310464	0.018815	31810898	31811205	31826429	3182699:
451	NA07029	[2515685 chr17	17	31838190	31877763	39574	60	-0.327634	0.016514	31837915	31838466	31877480	3187804:
452	NA07029	[2515685 chr17	17	32829500	32833231	3732	5	-2.293226	0.114214	32828825	32830175	32832670	3283379:
453	NA07029	[2515685 chr17	17	33324385	33661121	336737	448	-0.264776	0.006211	33323841	33324930	33660590	3366165:
454	NA07029	[2515685 chr17	17	36675530	36685343	9814	10	-0.757043	0.049661	36675011	36676049	36684647	3668604:



455	NA07029	[2515685 chr17	17	41035524	41036525	1002	2	0.836217	0.101141	41035120	41035928	41035967	4103708-
456	NA07029	[2515685 chr17	17	41675037	41676708	1672	2	0.836216	0.101141	41673805	41676270	41676309	4167710-
457	NA07029	[2515685 chr17	17	41779931	41921615	141685	134	0.312051	0.010538	41779457	41780406	41920590	4192264-
458	NA07029	[2515685 chr17	17	41964733	41986331	21599	26	0.263328	0.024779	41964517	41964949	41986039	4198662-
459	NA07029	[2515685 chr17	17	41997426	42134816	137391	125	0.310353	0.010865	41996952	41997901	42134422	4213521-
460	NA07029	[2515685 chr17	17	42467216	42485231	18016	22	0.250588	0.027104	42467194	42467238	42485154	4248530-
461	NA07029	[2515685 chr17	17	42905976	42908985	3010	2	0.93913	0.125574	42905585	42906368	42906957	4291101-
462	NA07029	[2515685 chr17	17	55434888	55454279	19392	36	-0.25731	0.0223	55434445	55435332	55454017	5545454-
463	NA07029	[2515685 chr17	17	72766794	72769899	3106	5	0.517702	0.069422	72766351	72767238	72769595	7277020-
464	NA07029	[2515685 chr18	18	14726980	14733704	6725	9	-0.36252	0.048335	14726667	14727294	14733077	1473433-
465	NA07029	[2515685 chr18	18	36514289	36521090	6802	6	-0.763927	0.062951	36513759	36514820	36520512	3652166-
466	NA07029	[2515685 chr18	18	42797012	42808028	11017	16	-0.27526	0.032657	42796537	42797488	42807691	4280836-
467	NA07029	[2515685 chr18	18	61874791	61883105	8315	9	-0.837624	0.052135	61874483	61875100	61882738	6188347-
468	NA07029	[2515685 chr18	18	61917747	61920171	2425	4	3.311212	0.14191	61917522	61917973	61919646	6192069-
469	NA07029	[2515685 chr18	18	62026554	62029990	3437	2	0.620825	0.120323	62025633	62027475	62029130	6203085-
470	NA07029	[2515685 chr18	18	64896052	64907736	11685	13	-0.741419	0.044305	64894789	64897315	64907228	6490824-
471	NA07029	[2515685 chr18	18	74373005	74379534	6530	10	0.583223	0.040136	74372064	74373947	74378860	7438020-
472	NA07029	[2515685 chr18	18	74392800	74398225	5426	4	0.748775	0.076138	74390826	74394774	74397790	7439866-
473	NA07029	[2515685 chr19	19	32148	79514	47367	23	0.394452	0.029652	30498	33798	79338	7969C
474	NA07029	[2515685 chr19	19	310414	314479	4066	15	-0.634645	0.03771	309687	311142	312994	315964
475	NA07029	[2515685 chr19	19	331568	333129	1562	2	1.332227	0.109142	331314	331822	332310	333948
476	NA07029	[2515685 chr19	19	23007903	23013841	5939	6	0.857039	0.068859	22990964	23010431	23013525	2301415-
477	NA07029	[2515685 chr19	19	23108259	23109446	1188	2	0.981906	0.115923	23107903	23108615	23108879	2311001-
478	NA07029	[2515685 chr19	19	23257205	23258538	1334	2	-0.826339	0.120672	23256882	23257529	23258213	2325886-
479	NA07029	[2515685 chr19	19	23685380	23687053	1674	2	-0.822326	0.126741	23685163	23685598	23686210	2368789-
480	NA07029	[2515685 chr19	19	39419837	39421349	1513	3	0.574169	0.09544	39419616	39420059	39421018	3942168-
481	NA07029	[2515685 chr19	19	43974792	43977294	2503	2	-0.717395	0.099684	43974369	43975216	43975620	4397896-
482	NA07029	[2515685 chr19	19	45412775	45413556	782	2	-0.641175	0.101017	45412566	45412985	45413285	4541382-
483	NA07029	[2515685 chr19	19	53100142	53151974	51833	98	-0.441899	0.012021	53098980	53101305	53151638	5315231-
484	NA07029	[2515685 chr19	19	55285877	55336157	50281	104	-0.429012	0.011591	55285730	55286025	55335244	5533707-
485	NA07029	[2515685 chr19	19	56824422	56843325	18904	22	-0.52563	0.030831	56824136	56824709	56842321	5684432-
486	NA07029	[2515685 chr19	19	58209430	58245460	36031	28	-0.707629	0.028175	58208997	58209863	58245024	5824589-
487	NA07029	[2515685 chr19	19	59492384	59493822	1439	2	0.534128	0.105491	59491977	59492791	59493600	5949404-
488	NA07029	[2515685 chr19	19	60148727	60152395	3669	2	-0.56669	0.107876	60146836	60150619	60152066	6015272-
489	NA07029	[2515685 chr20	20	1511097	1532477	21381	26	0.80822	0.031321	1510534	1511660	1532182	1532773-
490	NA07029	[2515685 chr20	20	15249645	15251805	2161	2	-3.972686	0.202808	15249381	15249909	15251287	1525232-
491	NA07029	[2515685 chr20	20	26136252	26139530	3279	5	0.533664	0.072652	26135878	26136626	26139184	2613987-
492	NA07029	[2515685 chr20	20	55717505	55719029	1525	2	0.482801	0.087826	55717058	55717952	55718431	5571962-
493	NA07029	[2515685 chr20	20	59951513	59957050	5538	18	1.142821	0.035801	59950681	59952345	59956538	5995756-
494	NA07029	[2515685 chr20	20	61770772	61775011	4240	15	0.271653	0.039172	61770072	61771473	61774460	6177556-
495	NA07029	[2515685 chr20	20	62066380	62068214	1835	8	0.968501	0.049816	62066146	62066615	62067671	6206875-
496	NA07029	[2515685 chr20	20	62113559	62114878	1320	18	0.319107	0.03679	62113491	62113628	62114687	6211507-
497	NA07029	[2515685 chr20	20	62233505	62235897	2393	4	0.531857	0.057745	62232847	62234163	62235101	6223669-
498	NA07029	[2515685 chr20	20	62419814	62429848	10035	10	-0.264277	0.047021	62419562	62420067	62429329	6243036-
499	NA07029	[2515685 chr22	22	17032140	19761755	2729616	1457	-0.25325	0.003004	17031480	17032801	19761413	1976209-
500	NA07029	[2515685 chr22	22	19786578	20243640	457063	684	-0.25325	0.003004	19786233	19786924	20240961	2030228-
501	NA07029	[2515685 chr22	22	22672624	22674936	2313	4	1.190163	0.085556	22672391	22672858	22674426	2267544-
502	NA07029	[2515685 chr22	22	22677557	22683930	6374	3	0.481983	0.085255	22677005	22678110	22681309	2268655-
503	NA07029	[2515685 chr22	22	22683930	22688523	4594	3	-0.650339	0.097694	22681309	22686552	22687378	2268966-
504	NA07029	[2515685 chr22	22	22690382	22691501	1120	2	1.757857	0.118481	22690146	22690619	22691088	2269191-
505	NA07029	[2515685 chr22	22	22695407	22720154	24748	27	0.933329	0.034942	22695112	22695703	22719882	2272042-
506	NA07029	[2515685 chr22	22	22899677	22906905	7229	11	-0.257253	0.040101	22899141	22900214	22906573	2290723-
507	NA07029	[2515685 chr22	22	22960929	22969591	8663	9	-0.31609	0.050181	22957880	22963608	22969352	2296983-
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5	NA18980	[2515685 chr1	1	12884744	12886858	2115	3	0.521343	0.092172	12884434	12885054	12886536	12887181
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7	NA18980	[2515685 chr1	1	13159940	13162071	2132	3	0.537205	0.092172	13159618	13160263	13161777	13162361
8	NA18980	[2515685 chr1	1	13359970	13374371	14402	20	0.257769	0.035698	13359952	13359989	13374331	13374441
9	NA18980	[2515685 chr1	1	13380737	13382868	2132	3	0.537205	0.092172	13380415	13381060	13382574	13383161
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11	NA18980	[2515685 chr1	1	25330950	25409301	78352	77	0.360483	0.018309	25330662	25331238	25408840	25409761
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22 NA18980	[2515685 chr1	1	120524033	120524155	123	2	-0.730801	0.112888	120523991	120524075	120524093	12052421
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24 NA18980	[2515685 chr1	1	141964844	141981850	17007	50	0.361424	0.022577	141964740	141964948	141978581	14203010
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26 NA18980	[2515685 chr1	1	142678703	142758443	79741	133	0.254825	0.012538	142678583	142678823	142757786	14275910
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35 NA18980	[2515685 chr1	1	158297085	158299984	2900	2	-0.709516	0.113901	158296609	158297561	158298974	15830099
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43 NA18980	[2515685 chr2	2	388500	390704	2205	6	0.496157	0.065468	387915	389086	390173	391236
44 NA18980	[2515685 chr2	2	13444451	13511508	67058	60	-0.354177	0.017153	13444264	13444639	13510995	1351202
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47 NA18980	[2515685 chr2	2	35896478	35905931	9454	3	-0.961463	0.096132	35879425	35899430	35902979	3590982
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66 NA18980	[2515685 chr2	2	130551722	130559081	7360	13	-0.427237	0.044338	130551682	130551762	130558687	13055947
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98 NA18980	[2515685 chr3	3	192547312	192554331	7020	10	0.883235	0.052679	192546950	192547674	192554127	19255453
99 NA18980	[2515685 chr3	3	196879796	196966359	86564	94	-0.390392	0.016551	196879715	196879878	196966111	19696660
100 NA18980	[2515685 chr3	3	196994475	197002965	8491	10	0.860349	0.051667	196994054	196994896	197002044	19700388
101 NA18980	[2515685 chr3	3	198247617	198250211	2595	5	0.381975	0.071543	198247165	198248070	198249700	19825045
102 NA18980	[2515685 chr3	3	198422794	198427408	4615	2	0.940826	0.128266	198422381	198423207	198423959	19843085
103 NA18980	[2515685 chr3	3	198650942	198653980	3039	14	0.269142	0.042703	198650630	198651255	198653743	19865421
104 NA18980	[2515685 chr3	3	199218619	199221999	3381	12	-0.315758	0.046086	199218354	199218884	199220440	19922355
105 NA18980	[2515685 chr3	3	199313925	199321063	7139	15	2.205497	0.046281	199313515	199314336	199320844	19932128
106 NA18980	[2515685 chr3	3	199383185	199387297	4113	6	0.331669	0.065175	199382863	199383507	199384743	19938985
107 NA18980	[2515685 chr4	4	4346153	4346956	804	2	-0.600016	0.112887	4345855	4346451	4346475	434743
108 NA18980	[2515685 chr4	4	4406661	4412040	5380	9	0.288778	0.053215	4406192	4407130	4411322	441275
109 NA18980	[2515685 chr4	4	8739800	8756949	17150	26	0.318085	0.03131	8739551	8740049	8756813	875708
110 NA18980	[2515685 chr4	4	8998178	9046719	48542	87	0.678643	0.017239	8850774	9001243	9046129	904730
111 NA18980	[2515685 chr4	4	9299470	9308037	8568	6	-0.553649	0.066229	9295439	9302535	9306599	930947
112 NA18980	[2515685 chr4	4	9812346	9813399	1054	33	0.620299	0.027791	9812284	9812408	9812952	9813847
113 NA18980	[2515685 chr4	4	9887220	9911397	24178	31	1.786285	0.041622	9886886	9887555	9910388	9912407
114 NA18980	[2515685 chr4	4	28906466	28917971	11506	7	-0.319773	0.060592	28906020	28906912	28917730	2891821
115 NA18980	[2515685 chr4	4	34602797	34650994	48198	44	0.742308	0.025526	34601994	34603600	34649535	3465245
116 NA18980	[2515685 chr4	4	40484653	40497989	13337	14	-0.661615	0.043637	40483204	40486103	40497266	4049871
117 NA18980	[2515685 chr4	4	40597636	40685487	87852	3	0.476155	0.092362	40595822	40599451	40682422	4077803
118 NA18980	[2515685 chr4	4	49045764	49055772	10009	20	-0.296774	0.035698	49045571	49045958	49055565	4905598
119 NA18980	[2515685 chr4	4	63500375	63504889	4515	5	-1.008332	0.084033	63494261	63503440	63504639	6350514
120 NA18980	[2515685 chr4	4	70033393	70035747	2355	2	-0.596573	0.114909	70032990	70033796	70034733	7003676
121 NA18980	[2515685 chr4	4	70089182	70090545	1364	3	-0.576822	0.113449	70089010	70089355	70090263	7009082
122 NA18980	[2515685 chr4	4	70306339	70309023	2685	7	0.334035	0.060434	70306109	70306570	70308580	7030946
123 NA18980	[2515685 chr4	4	70329154	70416062	86909	85	0.385229	0.018231	70328934	70329375	70415760	7041636
124 NA18980	[2515685 chr4	4	92343585	92348473	4889	8	-0.313584	0.061331	92343246	92343924	92348276	9234867
125 NA18980	[2515685 chr4	4	92414911	92418111	3201	2	-0.599895	0.115879	92414657	92415166	92417718	9241850
126 NA18980	[2515685 chr4	4	115865203	115869480	4278	3	-0.817903	0.095717	115864913	115865494	115866415	11587556
127 NA18980	[2515685 chr4	4	119512941	119515902	2962	3	-0.49145	0.095273	119512552	119513331	119515514	11951629
128 NA18980	[2515685 chr4	4	124835704	124837199	1496	3	-0.822608	0.099733	124835418	124835991	124836924	12483747
129 NA18980	[2515685 chr4	4	132574972	132576910	1939	3	-0.90167	0.094916	132574614	132575330	132576502	13257731
130 NA18980	[2515685 chr4	4	133536193	133540723	4531	3	-0.73738	0.099666	133531398	133539258	133540462	13354098

131 NA18980	[2515685 chr4	4	138537751	138549906	12156	14	0.850214	0.048179	138537443	138538059	138547414	13855239
132 NA18980	[2515685 chr4	4	145142974	145152116	9143	11	-0.264803	0.049933	145142629	145143319	145151901	14515233
133 NA18980	[2515685 chr4	4	145241837	145244071	2235	2	-0.782818	0.14042	145241488	145242187	145242951	14524519
134 NA18980	[2515685 chr4	4	162237272	162242562	5291	8	0.927417	0.059816	162236487	162238058	162242381	16224274
135 NA18980	[2515685 chr4	4	162579232	162583343	4112	3	-0.470075	0.092426	162578850	162579615	162581827	16258485
136 NA18980	[2515685 chr4	4	162806038	162809269	3232	3	-1.984569	0.129563	162804872	162807204	162808734	16280980
137 NA18980	[2515685 chr4	4	169183401	169368370	184970	163	0.755768	0.013137	169182712	169184090	169366713	16937002
138 NA18980	[2515685 chr4	4	172750241	172755216	4976	2	-3.801663	0.315827	172748887	172751596	172753256	17275717
139 NA18980	[2515685 chr4	4	173799832	173807320	7489	6	-2.638934	0.129985	173799464	173800201	173804255	17381134
140 NA18980	[2515685 chr4	4	185533276	185544849	11574	12	0.879529	0.048362	185532696	185533857	185543276	18554642
141 NA18980	[2515685 chr4	4	186816666	186818678	2013	3	4.683213	0.23015	186816420	186816912	186818307	18681904
142 NA18980	[2515685 chr4	4	187728494	187732907	4414	15	2.488084	0.057183	187728193	187728795	187732541	18773327
143 NA18980	[2515685 chr4	4	188255523	188269680	14158	235	0.990932	0.010624	188255215	188255831	188269403	18826995
144 NA18980	[2515685 chr4	4	189799455	189805517	6063	9	0.334597	0.053215	189799180	189799730	189805016	18980601
145 NA18980	[2515685 chr4	4	189812041	189814133	2093	2	-0.880587	0.124677	189811777	189812306	189813742	18981452
146 NA18980	[2515685 chr4	4	190528602	190533163	4562	21	-0.337274	0.034837	190528058	190529146	190531664	19053466
147 NA18980	[2515685 chr4	4	190845771	191059687	213917	220	0.281419	0.010774	190845056	190846486	191059242	19106013
148 NA18980	[2515685 chr4	4	191360676	191387775	27100	8	-0.303364	0.056443	191359713	191361640	191384710	19139251
149 NA18980	[2515685 chr5	5	261631	267968	6338	23	0.437986	0.033289	261032	262230	267662	268274
150 NA18980	[2515685 chr5	5	520045	524631	4587	11	0.427855	0.048135	519662	520428	524217	525046
151 NA18980	[2515685 chr5	5	541455	542488	1034	2	0.682475	0.11436	541111	541800	542200	542777
152 NA18980	[2515685 chr5	5	950181	953016	2836	12	0.448814	0.046086	949756	950607	952851	953182
153 NA18980	[2515685 chr5	5	1075284	1079920	4637	24	0.507892	0.032588	1074709	1075859	1079566	108027!
154 NA18980	[2515685 chr5	5	1231558	1233247	1690	2	-0.898719	0.113027	1231167	1231949	1232879	123361!
155 NA18980	[2515685 chr5	5	17570241	17645404	75164	335	-0.342207	0.008729	17569932	17570551	17645194	1764561!
156 NA18980	[2515685 chr5	5	17663728	17668807	5080	10	-0.327275	0.050485	17663473	17663984	17668092	1766952!
157 NA18980	[2515685 chr5	5	19410747	19412172	1426	3	-2.164848	0.135418	19410189	19411305	19411980	1941236!
158 NA18980	[2515685 chr5	5	49921406	49922753	1348	3	0.557169	0.092172	49921162	49921650	49922675	4992283!
159 NA18980	[2515685 chr5	5	69404835	69411352	6518	6	0.715906	0.067788	69404157	69405513	69410702	6941200!
160 NA18980	[2515685 chr5	5	70280260	70286789	6530	6	0.669738	0.066909	70279582	70280938	70286122	7028745!
161 NA18980	[2515685 chr5	5	81459213	81466055	6843	2	-1.648658	0.132946	81455614	81462405	81462863	8147028!
162 NA18980	[2515685 chr5	5	98886464	98887692	1229	4	-0.411038	0.079823	98886155	98886773	98887592	9888779!
163 NA18980	[2515685 chr5	5	115639875	115640944	1070	2	-0.916185	0.15684	115639494	115640257	115640688	11564120
164 NA18980	[2515685 chr5	5	137835178	137844134	8957	8	0.627071	0.05927	137834745	137835611	137843310	13784495
165 NA18980	[2515685 chr5	5	140203081	140218928	15848	20	1.986679	0.053138	140202344	140203819	140218508	14021934
166 NA18980	[2515685 chr5	5	140534849	140540106	5258	5	1.033399	0.072399	140534700	140534999	140539007	14054120
167 NA18980	[2515685 chr5	5	150157909	150161837	3929	6	-2.177681	0.094017	150157286	150158532	150161621	15016205
168 NA18980	[2515685 chr5	5	150183322	150203801	20480	11	-1.592825	0.060941	150181427	150185218	150203451	15020415
169 NA18980	[2515685 chr5	5	165157996	165161604	3609	2	-1.146765	0.12708	165155280	165160712	165160802	16516240
170 NA18980	[2515685 chr5	5	180308895	180363417	54523	54	0.568239	0.022274	180308688	180309103	180363120	18036371
171 NA18980	[2515685 chr6	6	201167	329495	128329	132	0.328943	0.013396	200920	201415	329127	329864
172 NA18980	[2515685 chr6	6	29947668	30028127	80460	70	0.476507	0.019533	29945444	29949892	30027297	3002895!
173 NA18980	[2515685 chr6	6	32550352	32557802	7451	7	-0.397925	0.060921	32550014	32550690	32557647	3255795!
174 NA18980	[2515685 chr6	6	32557802	32558865	1064	2	0.784632	0.115995	32557647	32557958	32558698	3255903!
175 NA18980	[2515685 chr6	6	32565102	32586862	21761	3	-3.128758	0.238226	32564888	32565316	32586127	3258759!
176 NA18980	[2515685 chr6	6	32586862	32588830	1969	3	-0.648123	0.115883	32586127	32587597	32588323	3258933!
177 NA18980	[2515685 chr6	6	32589957	32591649	1693	3	-1.447429	0.114994	32589338	32590576	32591403	3259189!
178 NA18980	[2515685 chr6	6	32598573	32632349	33777	28	-0.696852	0.034889	32598133	32599013	32632089	3263261!
179 NA18980	[2515685 chr6	6	32644282	32646910	2629	3	-0.592687	0.10143	32644104	32644460	32645703	3264811!
180 NA18980	[2515685 chr6	6	32653862	32655482	1621	3	0.661128	0.118385	32653679	32654046	32654980	3265598!
181 NA18980	[2515685 chr6	6	32657916	32659325	1410	2	-2.830501	0.227404	32657216	32658616	32658959	3265969!
182 NA18980	[2515685 chr6	6	32672888	32680221	7334	6	0.565641	0.068964	32672612	32673164	32679896	3268054!
183 NA18980	[2515685 chr6	6	32712337	32732004	19668	18	0.549947	0.035148	32712193	32712482	32731216	3273279!
184 NA18980	[2515685 chr6	6	32741849	32744343	2495	4	0.650373	0.083745	32741631	32742067	32744136	3274455!
185 NA18980	[2515685 chr6	6	35862833	35874426	11594	13	0.442998	0.044884	35862530	35863136	35873957	3587489!

186 NA18980	[2515685 chr6	6	54036900	54042384	5485	5	3.836012	0.148047	54036573	54037227	54041771	54042991
187 NA18980	[2515685 chr6	6	74648985	74654614	5630	10	-2.572104	0.082226	74648748	74649222	74653982	74655247
188 NA18980	[2515685 chr6	6	75086849	75088260	1412	2	-0.681926	0.114891	75086537	75087162	75087931	75088581
189 NA18980	[2515685 chr6	6	77073648	77085280	11633	11	-0.843295	0.050888	77073369	77073927	77084753	77085801
190 NA18980	[2515685 chr6	6	77495034	77513511	18478	12	0.658402	0.049803	77493568	77496500	77510011	77517691
191 NA18980	[2515685 chr6	6	78986374	78987970	1597	4	-0.407422	0.079824	78986211	78986537	78987700	78988247
192 NA18980	[2515685 chr6	6	79023318	79093263	69946	70	0.746314	0.020187	79022028	79024609	79091909	79094611
193 NA18980	[2515685 chr6	6	79166385	79184605	18221	5	-0.434818	0.072802	79166093	79166678	79184272	79184931
194 NA18980	[2515685 chr6	6	103844685	103871201	26517	17	2.218043	0.067738	103844347	103845023	103868241	10387416
195 NA18980	[2515685 chr6	6	109991983	110000118	8136	9	-0.274627	0.054139	109991846	109992120	109999981	11000025
196 NA18980	[2515685 chr6	6	115165877	115168878	3002	2	-0.966158	0.151848	115165425	115166330	115168514	11516924
197 NA18980	[2515685 chr6	6	120671191	120671916	726	2	0.797048	0.117992	120670696	120671686	120671725	12067210
198 NA18980	[2515685 chr6	6	134673338	134675025	1688	2	-0.857557	0.113432	134672845	134673832	134674728	13467532
199 NA18980	[2515685 chr6	6	160690579	160697100	6522	5	0.41476	0.071828	160689749	160691409	160696605	16069759
200 NA18980	[2515685 chr6	6	160997684	161040123	42440	69	0.493937	0.019238	160997465	160997903	161039033	16104121
201 NA18980	[2515685 chr6	6	167479669	167482583	2915	2	0.877298	0.112889	167479005	167480333	167482187	16748297
202 NA18980	[2515685 chr6	6	167768770	167772941	4172	11	0.406535	0.048136	167768683	167768857	167772637	16777324
203 NA18980	[2515685 chr6	6	170570659	170571491	833	7	0.331037	0.06034	170570596	170570723	170571251	17057173
204 NA18980	[2515685 chr6	6	170603879	170604666	788	2	-0.725873	0.112886	170603541	170604217	170604339	17060499
205 NA18980	[2515685 chr7	7	246731	254518	7788	10	-0.804101	0.052276	246346	247117	254199	254838
206 NA18980	[2515685 chr7	7	1084125	1086660	2536	15	0.632909	0.041221	1083752	1084499	105871	108744
207 NA18980	[2515685 chr7	7	3384111	3392457	8347	8	0.889076	0.058483	3383451	3384772	3390107	3395611
208 NA18980	[2515685 chr7	7	12297894	12298675	782	5	-0.59855	0.071397	12297829	12297960	12298540	12298817
209 NA18980	[2515685 chr7	7	14841855	14845387	3533	5	-0.407768	0.076447	14841514	14842197	14845150	14845627
210 NA18980	[2515685 chr7	7	38159778	38176559	16782	18	-0.372988	0.037774	38159476	38160081	38175778	38177347
211 NA18980	[2515685 chr7	7	43773800	43943924	170125	112	0.36248	0.015084	43773256	43774344	43941574	44020061
212 NA18980	[2515685 chr7	7	56536079	56544240	8162	2	-2.632997	0.181924	56475495	56538429	56542365	56546111
213 NA18980	[2515685 chr7	7	63997159	64008697	11539	14	0.376516	0.042851	63996513	63997805	64008352	64009047
214 NA18980	[2515685 chr7	7	64029672	64045487	15816	45	-0.374315	0.023813	64029291	64030053	64045069	64045901
215 NA18980	[2515685 chr7	7	64464087	64479903	15817	43	-0.354399	0.024357	64463669	64464506	64479522	64480281
216 NA18980	[2515685 chr7	7	64540847	64556662	15816	45	-0.353349	0.023809	64540466	64541228	64556244	64557081
217 NA18980	[2515685 chr7	7	64691204	64725545	34342	38	0.418713	0.026166	64690582	64691826	64725209	64725881
218 NA18980	[2515685 chr7	7	66187807	66199025	11219	28	0.296349	0.03017	66187743	66187871	66197851	66200201
219 NA18980	[2515685 chr7	7	69866390	69869623	3234	4	0.517235	0.081183	69865412	69867368	69869269	69869971
220 NA18980	[2515685 chr7	7	69869623	69871056	1434	2	3.060197	0.17538	69869269	69869978	69870420	69871691
221 NA18980	[2515685 chr7	7	71858072	71858711	640	2	-0.564853	0.112887	71857860	71858284	71858703	71858711
222 NA18980	[2515685 chr7	7	71938916	71939766	851	5	0.524374	0.071396	71938731	71939101	71939618	71939917
223 NA18980	[2515685 chr7	7	74140710	74152948	12239	32	0.287637	0.028222	74140577	74140844	74152918	74152971
224 NA18980	[2515685 chr7	7	74558360	74559208	849	5	0.524374	0.071396	74558212	74558508	74559023	74559391
225 NA18980	[2515685 chr7	7	74586379	74587231	853	5	0.524375	0.071396	74586231	74586527	74587046	74587411
226 NA18980	[2515685 chr7	7	74614403	74615250	848	5	0.524375	0.071396	74614255	74614551	74615065	74615431
227 NA18980	[2515685 chr7	7	74694637	74696139	1503	4	-0.425255	0.079823	74693968	74695306	74695977	74696301
228 NA18980	[2515685 chr7	7	74767975	74783402	15428	34	0.263737	0.027379	74767911	74768039	74782714	74784091
229 NA18980	[2515685 chr7	7	75790452	75794984	4533	5	-0.524842	0.072853	75790248	75790656	75794325	75795641
230 NA18980	[2515685 chr7	7	75800166	75814938	14773	33	0.259005	0.027791	75799479	75800854	75814512	75815361
231 NA18980	[2515685 chr7	7	76336944	76338655	1712	2	0.799712	0.112887	76336621	76337268	76338090	76339221
232 NA18980	[2515685 chr7	7	89455601	89456632	1032	2	5.048841	0.256931	89455373	89455830	89456225	89457031
233 NA18980	[2515685 chr7	7	90676411	90686518	10108	14	-0.689966	0.044815	90674727	90678095	90685238	90687791
234 NA18980	[2515685 chr7	7	92971481	92976895	5415	4	0.554285	0.08538	92971060	92971903	92975569	92978227
235 NA18980	[2515685 chr7	7	101575355	101592919	17565	42	0.258429	0.024634	101575283	101575428	101592828	10159301
236 NA18980	[2515685 chr7	7	101710080	101925433	215354	312	0.414052	0.009056	101709235	101710926	101924670	10192619
237 NA18980	[2515685 chr7	7	109776378	109782655	6278	5	0.817114	0.078778	109775821	109776936	109782301	109783011
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243 NA18980	[2515685 chr7	7	149285428	149287696	2269	3	-0.575226	0.095979	149285181	149285676	149286346	14928904
244 NA18980	[2515685 chr7	7	152921781	152934280	12500	7	-0.320297	0.06135	152921552	152922011	152934046	15293451
245 NA18980	[2515685 chr7	7	152948945	152951306	2362	3	-0.550363	0.095172	152947501	152950389	152951051	15295156
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249 NA18980	[2515685 chr8	8	1328256	1343509	15254	45	-0.341712	0.024048	1327688	1328824	1342795	1344224
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254 NA18980	[2515685 chr8	8	5582875	5594011	11137	9	0.741785	0.054334	5582615	5583135	5592820	5595203
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265 NA18980	[2515685 chr8	8	16245461	16251509	6049	6	-0.733401	0.068295	16245129	16245794	16250812	16252202
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324 NA18980	[2515685 chr10	10	48593103	48597045	3943	5	-0.627696	0.072674	48592794	48593413	48594300	48600237
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373 NA18980	[2515685 chr12	12	2112534	2127044	14511	15	0.691202	0.042973	2109107	2115961	2126809	2127271
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376 NA18980	[2515685 chr12	12	9618644	9624971	6328	6	0.460262	0.067357	9617716	9619573	9623223	9626720
377 NA18980	[2515685 chr12	12	11398049	11463223	65175	66	-0.380141	0.019792	11397507	11398591	11459990	11466457
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381 NA18980	[2515685 chr12	12	34295301	34303590	8290	3	-0.519611	0.095815	34294958	34295645	34303060	34304127
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386 NA18980	[2515685 chr12	12	96495473	96508249	12777	2	-0.647142	0.122621	96433426	96498963	96506076	96510427
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388 NA18980	[2515685 chr12	12	128674958	128680908	5951	2	-0.581344	0.113576	128674513	128675404	128680360	128681457
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390 NA18980	[2515685 chr12	12	130315291	130320068	4778	16	0.436873	0.040095	130315089	130315493	130319789	130320347
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393 NA18980	[2515685 chr13	13	25947233	25950398	3166	3	3.337534	0.15681	25946194	25948272	25949415	25951387
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395 NA18980	[2515685 chr13	13	36971484	36983475	11992	10	-0.880884	0.054181	36969416	36973552	36982905	36984047
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399 NA18980	[2515685 chr13	13	109159999	109161199	1201	2	-0.597902	0.116011	109159511	109160487	109160940	109161457
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409 NA18980	[2515685 chr15	15	18410351	18430991	20641	16	0.29726	0.039912	18410066	18410637	18430684	1843129:
410 NA18980	[2515685 chr15	15	18458940	18468372	9433	6	-0.360343	0.065194	18458212	18459669	18430684	1846887:
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416 NA18980	[2515685 chr15	15	21049779	21065014	15236	16	-0.388535	0.039988	21049217	21050342	21064818	2106521:
417 NA18980	[2515685 chr15	15	21606753	21614600	7848	7	0.967545	0.071899	21606459	21607047	21612298	2163669:
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419 NA18980	[2515685 chr15	15	22059745	22090966	31222	37	-0.252623	0.026367	22057403	22062047	22090382	2209155:
420 NA18980	[2515685 chr15	15	22201500	22273082	71583	88	-0.297368	0.017239	22201392	22201609	22272928	2227323:
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422 NA18980	[2515685 chr15	15	24986053	24992250	6198	7	0.756541	0.062252	24985426	24986680	24991680	2499282:
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479 NA18980	[2515685 chr17	17	18296513	18345127	48615	79	0.325155	0.018003	18296246	18296781	18345008	1834524:
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487 NA18980	[2515685 chr17	17	32829500	32833231	3732	5	0.979166	0.075203	32828825	32830175	32832670	3283379:
488 NA18980	[2515685 chr17	17	33324385	33382224	57840	118	0.32255	0.014701	33323841	33324930	33381884	3338256:
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492 NA18980	[2515685 chr17	17	33641281	33659558	18278	30	-0.680959	0.029718	33640689	33641874	33658997	3366011:
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494 NA18980	[2515685 chr17	17	36993884	36995674	1791	2	-0.631897	0.112888	36993311	36994458	36995333	3699601:
495 NA18980	[2515685 chr17	17	40928267	41006614	78348	125	0.279889	0.014279	40927895	40928640	41006215	4100701:
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507 NA18980	[2515685 chr18	18	14726980	14736224	9245	13	0.254681	0.044278	14726667	14727294	14735973	1473647:
508 NA18980	[2515685 chr18	18	14833046	14841696	8651	8	-0.302252	0.058087	14832691	14833401	14841470	1484192:
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511 NA18980	[2515685 chr18	18	63110008	63115099	5092	7	-0.815571	0.06378	63109644	63110373	63114764	6311543:
512 NA18980	[2515685 chr18	18	64349749	64360436	10688	10	0.323294	0.050594	64349207	64350291	64359750	6436112:
513 NA18980	[2515685 chr18	18	64896052	64906913	10862	12	-0.854051	0.049142	64894789	64897315	64906598	6490722:
514 NA18980	[2515685 chr18	18	74345770	74347966	2197	5	0.396852	0.071396	74345318	74346223	74347677	7434825:
515 NA18980	[2515685 chr18	18	74373005	74376367	3363	7	0.606689	0.060341	74372064	74373947	74375833	7437690:

516 NA18980	[2515685 chr18	18	74392800	74398225	5426	4	0.687761	0.088474	74390826	74394774	74397790	74398661
517 NA18980	[2515685 chr19	19	219435	224186	4752	10	0.389481	0.050485	217988	220882	222040	226332
518 NA18980	[2515685 chr19	19	252671	255224	2554	8	0.335144	0.056444	251836	253507	254742	255707
519 NA18980	[2515685 chr19	19	274182	276410	2229	3	0.504157	0.092172	273796	274569	276173	276648
520 NA18980	[2515685 chr19	19	310414	314479	4066	15	-0.482719	0.04122	309687	311142	312994	315964
521 NA18980	[2515685 chr19	19	8707491	8763535	56045	95	0.633882	0.016408	8706686	8708296	8763160	8763917
522 NA18980	[2515685 chr19	19	22149890	22153327	3438	9	-0.348185	0.05724	22149803	22149977	22153114	22153541
523 NA18980	[2515685 chr19	19	23007902	23016040	8139	9	0.548159	0.055535	22990964	23010431	23015670	23016417
524 NA18980	[2515685 chr19	19	23108259	23109446	1188	2	-0.675439	0.128396	23107903	23108615	23108879	23110014
525 NA18980	[2515685 chr19	19	39419234	39422498	3265	5	0.547031	0.072461	39418853	39419616	39421681	39423311
526 NA18980	[2515685 chr19	19	43974792	43977294	2503	2	-0.693396	0.116872	43974369	43975216	43975620	43978961
527 NA18980	[2515685 chr19	19	48406765	48455659	48895	30	-0.285654	0.029416	48406231	48407299	48455286	48456031
528 NA18980	[2515685 chr19	19	56827216	56840752	13537	13	-0.599423	0.045037	56826331	56828101	56840372	56841131
529 NA18980	[2515685 chr19	19	56900830	56912964	12135	8	0.287083	0.056597	56900267	56901393	56912374	56913551
530 NA18980	[2515685 chr19	19	58169057	58174458	5402	5	0.365286	0.071396	58168791	58169324	58174133	58174781
531 NA18980	[2515685 chr19	19	58210435	58244458	34024	26	-0.750823	0.032248	58209863	58211007	58243893	58245021
532 NA18980	[2515685 chr19	19	59249340	59252061	2722	4	1.023001	0.083214	59249084	59249597	59251854	59252261
533 NA18980	[2515685 chr19	19	59420921	59435274	14354	17	-0.500678	0.038963	59420489	59421354	59435027	59435521
534 NA18980	[2515685 chr20	20	2303224	2304570	1347	2	-0.615041	0.120353	2302920	2303529	2304375	2304761
535 NA18980	[2515685 chr20	20	26147289	26161501	14213	24	-0.280487	0.032588	26147127	26147451	26161227	26161771
536 NA18980	[2515685 chr20	20	55665052	55674342	9291	12	0.265383	0.046606	55664589	55665515	55674060	55674621
537 NA18980	[2515685 chr20	20	59951513	59957050	5538	18	0.648579	0.037761	59950681	59952345	59956538	59957561
538 NA18980	[2515685 chr20	20	62066380	62068214	1835	8	1.729178	0.065451	62066146	62066615	62067671	62068751
539 NA18980	[2515685 chr20	20	62113559	62114878	1320	18	0.292092	0.037629	62113491	62113628	62114687	62115071
540 NA18980	[2515685 chr20	20	62233505	62235897	2393	4	0.660782	0.079823	62232847	62234163	62235101	62236691
541 NA18980	[2515685 chr21	21	10116197	10129765	13569	7	-0.342379	0.060341	10115982	10116412	10128450	10131081
542 NA18980	[2515685 chr21	21	13905235	14000261	95027	133	-0.286032	0.013913	13904937	13905534	13999810	14000711
543 NA18980	[2515685 chr21	21	14201202	14208307	7106	8	-0.289195	0.056444	14200831	14201573	14208275	14208331
544 NA18980	[2515685 chr22	22	14474806	14830910	356105	662	-0.510853	0.006238	14474622	14474991	14830451	14831361
545 NA18980	[2515685 chr22	22	18744519	18850813	106295	128	-0.346725	0.014161	18742262	18746777	18850533	18851091
546 NA18980	[2515685 chr22	22	19005982	19007302	1321	3	-0.487422	0.095564	19005977	19005987	19006845	19007751
547 NA18980	[2515685 chr22	22	19392079	19452600	60522	9	-0.490313	0.053532	19391751	19392407	19449920	19568521
548 NA18980	[2515685 chr22	22	19918242	19952782	34541	53	0.271382	0.021933	19917963	19918522	19952473	19953091
549 NA18980	[2515685 chr22	22	20035865	20042869	7005	11	-0.293808	0.009156	20035446	20036284	20042584	20043151
550 NA18980	[2515685 chr22	22	20047736	20121462	73727	117	-0.293808	0.009156	20047456	20048017	20121376	20121541
551 NA18980	[2515685 chr22	22	20137248	20304962	167715	149	-0.293808	0.009156	20136561	20137935	20302282	20353291
552 NA18980	[2515685 chr22	22	22611178	22657508	46331	85	-0.295168	0.017427	22609725	22612631	22657484	22657531
553 NA18980	[2515685 chr22	22	22672624	22677557	4934	7	1.03714	0.070911	22672391	22672858	22677005	22678111
554 NA18980	[2515685 chr22	22	22678229	22683930	5702	2	0.582213	0.115152	22678110	22678349	22681309	22686551
555 NA18980	[2515685 chr22	22	22683930	22688523	4594	3	-0.553412	0.093258	22681309	22686552	22687378	22689661
556 NA18980	[2515685 chr22	22	22690382	22691501	1120	2	1.537265	0.125328	22690146	22690619	22691088	22691911
557 NA18980	[2515685 chr22	22	22695407	22715094	19688	24	1.090123	0.039142	22695112	22695703	22714777	22715417
558 NA18980	[2515685 chr22	22	33619409	33623490	4082	5	0.849202	0.071698	33618939	33619879	33622642	33624331
559 NA18980	[2515685 chr22	22	37618794	37624011	5218	7	-1.006489	0.069215	37618728	37618860	37621331	37627051
560 NA18980	[2515685 chr22	22	41221878	41278526	56649	50	0.294156	0.022611	41221211	41222545	41278339	41278711
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1 NA19132	[2515685 chr1	1	11100	18210	7111	15	0.292694	0.045423	10927	11274	17980	18440
2 NA19132	[2515685 chr1	1	20340	80231	59892	83	0.511169	0.019315	20153	20527	79974	80489
3 NA19132	[2515685 chr1	1	586558	587572	1015	5	0.415078	0.078674	586293	586824	587344	587800
4 NA19132	[2515685 chr1	1	601045	612159	11115	8	-0.770229	0.062197	587801	604315	610122	614196
5 NA19132	[2515685 chr1	1	10304191	10312662	8472	7	-0.700315	0.068177	10303236	10305146	10312212	10313111
6 NA19132	[2515685 chr1	1	10416438	10418311	1874	2	-0.753001	0.124395	10415863	10417014	10417712	10418917
7 NA19132	[2515685 chr1	1	12826783	12855019	28237	47	0.300952	0.025661	12826392	12827175	12854828	12855211
8 NA19132	[2515685 chr1	1	12884744	12886858	2115	3	0.618387	0.101568	12884434	12885054	12886536	12887181
9 NA19132	[2515685 chr1	1	13159940	13162071	2132	3	0.631463	0.101568	13159618	13160263	13161777	13162361

10 NA19132	[2515685 chr1	1	13380737	13382868	2132	3	0.631463	0.101568	13380415	13381060	13382574	1338316:
11 NA19132	[2515685 chr1	1	57265788	57270431	4644	4	0.478432	0.08796	57264976	57266601	57269732	5727113
12 NA19132	[2515685 chr1	1	62147249	62164151	16903	15	-0.737656	0.045785	62145925	62148574	62163078	6216522!
13 NA19132	[2515685 chr1	1	72478372	72524180	45809	36	0.804203	0.030295	72478140	72478604	72523661	7252470!
14 NA19132	[2515685 chr1	1	73392642	73424207	31566	36	0.392149	0.029687	73392362	73392922	73424044	7342437
15 NA19132	[2515685 chr1	1	89188689	89189555	867	2	3.852794	0.243032	89188470	89188908	89189310	8918980
16 NA19132	[2515685 chr1	1	103857696	103868531	10836	13	-0.335447	0.048791	103857666	103857727	103868296	10386876
17 NA19132	[2515685 chr1	1	103919029	103931069	12041	15	-0.337632	0.045617	103919019	103919040	103931039	10393110
18 NA19132	[2515685 chr1	1	104126937	104133438	6502	4	-0.822613	0.08796	104114124	104130207	104131797	10413508
19 NA19132	[2515685 chr1	1	105684888	105706636	21749	7	-0.359037	0.069415	105682701	105687076	105706252	10570702!
20 NA19132	[2515685 chr1	1	105728161	105735462	7302	8	-0.870743	0.065119	105727820	105728503	105734532	10573639
21 NA19132	[2515685 chr1	1	108444641	108449550	4910	9	0.790145	0.05904	108443817	108445466	108449224	10844987
22 NA19132	[2515685 chr1	1	109934024	109965726	31703	35	0.510988	0.030019	109933789	109934260	109965065	10996638
23 NA19132	[2515685 chr1	1	112405902	112416691	10790	10	0.713047	0.0558	112405415	112406389	112416423	11241696
24 NA19132	[2515685 chr1	1	116873337	116915240	41904	52	0.477381	0.024396	116872766	116873908	116914887	11691559
25 NA19132	[2515685 chr1	1	120517029	120517309	281	9	0.356741	0.05864	120517024	120517034	120517267	12051735
26 NA19132	[2515685 chr1	1	120524033	120524155	123	2	-0.626314	0.124395	120523991	120524075	120524093	12052421.
27 NA19132	[2515685 chr1	1	120527037	120529698	2662	40	0.295847	0.027815	120527013	120527062	120529686	12052971!
28 NA19132	[2515685 chr1	1	141390474	141393247	2774	56	0.29646	0.023508	141390462	141390486	141393185	14139331!
29 NA19132	[2515685 chr1	1	141396026	141396142	117	2	-0.626311	0.124395	141395971	141396082	141396101	14139618
30 NA19132	[2515685 chr1	1	141398531	141399546	1016	10	0.345434	0.055631	141398510	141398553	141399512	14139958
31 NA19132	[2515685 chr1	1	141402840	141403151	312	11	0.369002	0.053042	141402828	141402852	141403146	14140315
32 NA19132	[2515685 chr1	1	141975417	141976368	952	5	0.56145	0.078674	141975202	141975633	141976195	14197654
33 NA19132	[2515685 chr1	1	145385031	145390189	5159	11	0.329092	0.053042	145385026	145385037	145389926	14539045
34 NA19132	[2515685 chr1	1	145547059	145552218	5160	12	0.344713	0.050784	145547054	145547065	145551955	14555248
35 NA19132	[2515685 chr1	1	145817307	145839481	22175	28	0.375421	0.033246	145817187	145817427	145839093	14583986
36 NA19132	[2515685 chr1	1	145931108	145941849	10742	13	0.585347	0.048792	145930472	145931745	145941638	14594206
37 NA19132	[2515685 chr1	1	146808546	146809451	906	2	-0.737743	0.124394	146808090	146809003	146809142	14680976
38 NA19132	[2515685 chr1	1	149368571	149401669	33099	23	0.728795	0.036712	149368105	149369038	149399791	14940354
39 NA19132	[2515685 chr1	1	149573821	149583431	9611	5	0.889829	0.079156	149573460	149574182	149582912	14958395
40 NA19132	[2515685 chr1	1	158224930	158265041	40112	49	0.45449	0.025131	158224584	158225276	158264771	15826531
41 NA19132	[2515685 chr1	1	186707869	186715660	7792	2	-0.661797	0.126615	186707530	186708208	186715224	18671609
42 NA19132	[2515685 chr1	1	192738987	192742908	3922	2	-0.933052	0.132051	192735688	192742257	192742712	19274310
43 NA19132	[2515685 chr1	1	193442606	193448393	5788	8	-0.422869	0.06281	193442421	193442791	193448156	19344863
44 NA19132	[2515685 chr1	1	193449243	193553262	104020	86	-0.994634	0.021498	193449010	193449476	193553050	19355347.
45 NA19132	[2515685 chr1	1	193612043	193659112	47070	46	-0.353466	0.026307	193611792	193612295	193658669	19365955
46 NA19132	[2515685 chr1	1	193676290	193685637	9348	13	-0.270122	0.049928	193675509	193677071	193685042	19368623
47 NA19132	[2515685 chr1	1	218762650	218768272	5623	6	0.366091	0.071819	218762212	218763089	218767017	21876952
48 NA19132	[2515685 chr1	1	231219104	231262742	43639	49	0.294833	0.025131	231218806	231219402	231261830	23126365
49 NA19132	[2515685 chr1	1	233202665	233204956	2292	42	-1.938578	0.028653	233202312	233203018	233204364	23320554
50 NA19132	[2515685 chr1	1	236719047	236720968	1922	3	-0.978972	0.103619	236718751	236719344	236720749	23672118
51 NA19132	[2515685 chr1	1	239368545	239481884	113340	13	-0.437277	0.048792	239368239	239368851	239478614	23949135
52 NA19132	[2515685 chr1	1	242722491	242725731	3241	2	-0.72532	0.124394	242721008	242723975	242725024	24272643
53 NA19132	[2515685 chr1	1	243009520	243011368	1849	3	-1.24939	0.10181	243008430	243010610	243011204	24301153
54 NA19132	[2515685 chr1	1	244469348	244473215	3868	8	-0.333963	0.062197	244469164	244469532	244472720	24447371!
55 NA19132	[2515685 chr1	1	244645632	244816978	171347	13	-0.25656	0.050916	244645444	244645821	244816413	24481754
56 NA19132	[2515685 chr1	1	244872415	244874098	1684	5	0.956505	0.078674	244872245	244872585	244873799	24487439
57 NA19132	[2515685 chr2	2	387423	391649	4227	8	-0.312213	0.062198	386931	387915	391236	392063
58 NA19132	[2515685 chr2	2	409864	411481	1618	12	0.652649	0.050784	409612	410116	411229	411733
59 NA19132	[2515685 chr2	2	3716215	3720482	4268	11	-0.288896	0.0537	3706538	3719168	3719838	372112!
60 NA19132	[2515685 chr2	2	13482801	13503506	20706	20	-0.271864	0.039337	13482599	13483003	13503126	1350388
61 NA19132	[2515685 chr2	2	34606444	34644765	38322	39	0.731832	0.028589	34601818	34609397	34641812	3464839
62 NA19132	[2515685 chr2	2	35845850	35851885	6036	5	-0.442586	0.084924	35845464	35846237	35851440	3585233!
63 NA19132	[2515685 chr2	2	35896477	35905932	9456	3	-0.880799	0.101881	35879425	35899430	35902979	3590982
64 NA19132	[2515685 chr2	2	35962678	35963578	901	2	-0.67427	0.127433	35962370	35962986	35963398	3596375!

65 NA19132	[2515685 chr2	2	36303416	36304826	1411	2	-0.817496 0.130164	36303153	36303680	36304357	3630529!
66 NA19132	[2515685 chr2	2	37869648	37914460	44813	46	-0.45811 0.025998	37869077	37870220	37914012	3791490!
67 NA19132	[2515685 chr2	2	40863695	40870913	7219	9	-0.363601 0.058905	40863378	40864013	40870392	4087143!
68 NA19132	[2515685 chr2	2	41150168	41161411	11244	13	-0.834151 0.050475	41149866	41150471	41160114	4116270!
69 NA19132	[2515685 chr2	2	46687594	46701952	14359	13	0.533078 0.048791	46687007	46688182	46701688	4670221!
70 NA19132	[2515685 chr2	2	55822423	55850659	28237	29	0.479069 0.032814	55821905	55822941	55850414	5585090!
71 NA19132	[2515685 chr2	2	56563624	56567381	3758	2	3.050854 0.222604	56556559	56566577	56567035	5656772!
72 NA19132	[2515685 chr2	2	60675284	60684165	8882	12	-0.284946 0.051963	60674771	60675798	60683663	6068466!
73 NA19132	[2515685 chr2	2	66296291	66304079	7789	2	-0.671271 0.124395	66295868	66296714	66303096	6630506!
74 NA19132	[2515685 chr2	2	73922476	73948487	26012	42	-0.773989 0.027458	73922222	73922730	73948060	7394891!
75 NA19132	[2515685 chr2	2	78210396	78211832	1437	2	-0.758252 0.124395	78210162	78210630	78211409	7821225!
76 NA19132	[2515685 chr2	2	87797469	87798699	1231	2	-0.697206 0.124394	87797177	87797761	87798323	8779907!
77 NA19132	[2515685 chr2	2	91334052	91344510	10459	11	0.360463 0.053042	91333845	91334260	91344286	9134473!
78 NA19132	[2515685 chr2	2	91383903	91393586	9684	20	0.30773 0.039337	91383809	91383997	91392231	9139494!
79 NA19132	[2515685 chr2	2	94851967	94871889	19923	9	0.302679 0.05864	94851472	94852462	94869597	9487418!
80 NA19132	[2515685 chr2	2	97184386	97189735	5350	2	-0.725516 0.124395	97182781	97185992	97186782	9719672!
81 NA19132	[2515685 chr2	2	97613796	97614932	1137	2	0.925796 0.126943	97613553	97614040	97614467	9761539!
82 NA19132	[2515685 chr2	2	97798981	97803184	4204	4	0.49151 0.088121	97798790	97799172	97802698	9780367!
83 NA19132	[2515685 chr2	2	98321720	98324284	2565	2	-0.632682 0.124395	98321042	98322399	98323320	9832524!
84 NA19132	[2515685 chr2	2	106337506	106344320	6815	8	-0.472842 0.065076	106337244	106337769	106344055	10634458
85 NA19132	[2515685 chr2	2	110599391	110626024	26634	16	-0.327461 0.04398	110599162	110599620	110625903	11062614
86 NA19132	[2515685 chr2	2	116258416	116261015	2600	2	-0.690707 0.124395	116257994	116258838	116260184	11626184
87 NA19132	[2515685 chr2	2	126159437	126168349	8913	3	-2.60371 0.136598	126158494	126160381	126168048	12616865
88 NA19132	[2515685 chr2	2	129229413	129230774	1362	2	-1.535602 0.139033	129229234	129229593	129230356	12923119
89 NA19132	[2515685 chr2	2	130420955	130484511	63557	75	-0.350466 0.020427	130420630	130421281	130484324	13048469
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91 NA19132	[2515685 chr2	2	130588071	130593899	5829	12	-0.433537 0.050784	130587748	130588395	130593530	13059426
92 NA19132	[2515685 chr2	2	130885569	130897796	12228	18	-0.31632 0.041465	130885118	130886020	130897715	13089787
93 NA19132	[2515685 chr2	2	131288823	131301010	12188	18	-0.326744 0.041465	131288742	131288905	131300558	13130146
94 NA19132	[2515685 chr2	2	131765081	131783622	18542	29	-0.418992 0.032668	131749458	131768034	131783274	13178397
95 NA19132	[2515685 chr2	2	131810915	131815930	5016	11	-0.476553 0.053042	131810493	131811338	131815635	13181622
96 NA19132	[2515685 chr2	2	131845027	131852310	7284	12	-0.450039 0.050784	131844542	131845513	131852270	13185235
97 NA19132	[2515685 chr2	2	131917827	131927973	10147	18	-0.515687 0.041583	131917559	131918096	131927771	13192817
98 NA19132	[2515685 chr2	2	131947114	131953962	6849	10	-0.463242 0.055631	131946771	131947457	131953571	13195435
99 NA19132	[2515685 chr2	2	132146137	132346526	200390	230	-0.385513 0.01163	132145137	132147138	132344315	13234873
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104 NA19132	[2515685 chr2	2	180237123	180248951	11829	10	-0.77369 0.05581	180235687	180238560	180248568	18024933
105 NA19132	[2515685 chr2	2	187262638	187268390	5753	6	-0.441644 0.072096	187262225	187263052	187267918	18726886
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109 NA19132	[2515685 chr2	2	232510540	232537143	26604	7	-0.346824 0.066491	232509939	232511142	232534243	23254004
110 NA19132	[2515685 chr3	3	149944	153247	3304	5	-0.558226 0.078674	148712	151176	152890	153604
111 NA19132	[2515685 chr3	3	587432	638425	50994	44	-0.434746 0.026521	586921	587943	638149	638701
112 NA19132	[2515685 chr3	3	1757211	1765705	8495	2	0.911037 0.130312	1756096	1758327	1762058	179730!
113 NA19132	[2515685 chr3	3	4168753	4177170	8418	9	-0.958645 0.063155	4168584	4168923	4174525	417981!
114 NA19132	[2515685 chr3	3	33410617	33411686	1070	2	-0.728209 0.129098	33410106	33411128	33411547	3341182!
115 NA19132	[2515685 chr3	3	41469117	41473056	3940	6	-0.399911 0.071819	41468819	41469416	41472897	4147321!
116 NA19132	[2515685 chr3	3	75849963	75870826	20864	11	0.434747 0.053042	75849675	75850251	75870534	7587111!
117 NA19132	[2515685 chr3	3	82951524	82955577	4054	7	-0.964937 0.068747	82951325	82951723	82955245	8295590!
118 NA19132	[2515685 chr3	3	105923515	105926689	3175	3	-0.531769 0.104623	105923277	105923754	105926199	10592718!
119 NA19132	[2515685 chr3	3	116139491	116150621	11131	12	-4.332395 0.099182	116137943	116141040	116146974	11615548

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130 NA19132	[2515685 chr3	3	196872200	196966359	94160	108	-0.293583	0.016928	196871164	196873236	196966111	19696660
131 NA19132	[2515685 chr3	3	196994475	197002965	8491	10	0.314704	0.055631	196994054	196994896	197002044	19700388
132 NA19132	[2515685 chr3	3	198043467	198048458	4992	8	-0.33266	0.066134	198043278	198043657	198048200	19804871
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134 NA19132	[2515685 chr3	3	198674426	198675470	1045	6	0.938968	0.071819	198674161	198674692	198674903	19867603
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140 NA19132	[2515685 chr4	4	8739800	8756949	17150	26	0.336414	0.034501	8739551	8740049	8756813	875708
141 NA19132	[2515685 chr4	4	8998177	9046719	48543	87	1.535195	0.019204	8850774	9001243	9046129	904730
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157 NA19132	[2515685 chr4	4	70288567	70289588	1022	2	-0.749063	0.124395	70288305	70288829	70289452	7028972
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162 NA19132	[2515685 chr4	4	115534210	115541546	7337	9	0.85279	0.061287	115530015	115537276	115539984	11554310
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165 NA19132	[2515685 chr4	4	119512941	119515902	2962	3	-0.60748	0.101568	119512552	119513331	119515514	11951629
166 NA19132	[2515685 chr4	4	124835704	124837199	1496	3	-0.717387	0.106738	124835418	124835991	124836924	12483747
167 NA19132	[2515685 chr4	4	138537751	138549906	12156	14	0.864076	0.051148	138537443	138538059	138547414	13855239
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169 NA19132	[2515685 chr4	4	157245354	157247619	2266	2	-0.628596	0.124395	157244897	157245812	157246572	15724866
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171 NA19132	[2515685 chr4	4	162806038	162809269	3232	3	0.736525	0.101567	162804872	162807204	162808734	16280980
172 NA19132	[2515685 chr4	4	166012113	166016847	4735	2	-0.628727	0.124395	166011431	166012796	166013781	16608193
173 NA19132	[2515685 chr4	4	169184442	169368370	183929	162	0.743809	0.014157	169184090	169184794	169366713	16937002
174 NA19132	[2515685 chr4	4	172750241	172755216	4976	2	0.875168	0.140822	172748887	172751596	172753256	17275717

175 NA19132	[2515685 chr4	4	173799832	173807321	7490	6	-2.704869	0.128308	173799464	173800201	173804255	17381134
176 NA19132	[2515685 chr4	4	18553276	185544849	11574	12	0.897158	0.051327	185532696	185533857	185543276	18554642
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178 NA19132	[2515685 chr4	4	187728494	187732907	4414	15	0.364983	0.045423	187728193	187728795	187732541	18773327
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198 NA19132	[2515685 chr5	5	34219149	34232271	13123	28	-0.319171	0.033246	34218815	34219483	34231243	34233301
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205 NA19132	[2515685 chr5	5	69571849	69574058	2210	8	0.428676	0.062197	69571715	69571983	69573733	69574381
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215 NA19132	[2515685 chr5	5	81459214	81466054	6841	2	-1.515292	0.130522	81455614	81462405	81462863	81470281
216 NA19132	[2515685 chr5	5	97427204	97428353	11150	2	0.916769	0.124394	97426913	97427496	97428177	97428521
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226 NA19132	[2515685 chr5	5	140534849	140540106	5258	5	0.448205	0.078674	140534700	140534999	140539007	140541201
227 NA19132	[2515685 chr5	5	150198306	150203144	4839	7	-0.672032	0.067119	150197730	150198882	150202838	150203451
228 NA19132	[2515685 chr5	5	165157996	165161604	3609	2	-1.410045	0.135225	165155280	165160712	165160802	165162401
229 NA19132	[2515685 chr5	5	180308895	180363417	54523	54	0.554591	0.02409	180308688	180309103	180363120	180363711



230 NA19132	[2515685 chr6	6	3163	18689	15527	4	0.648522	0.08796	1	6325	15669	21709
231 NA19132	[2515685 chr6	6	201823	326596	124774	128	0.291128	0.015566	201415	202232	326200	326995
232 NA19132	[2515685 chr6	6	29958572	30015556	56985	52	0.489007	0.024611	29957670	29959474	30014305	30016801
233 NA19132	[2515685 chr6	6	30024048	30046157	22110	17	-0.444362	0.043096	30022687	30025409	30045561	30046751
234 NA19132	[2515685 chr6	6	31439511	31441189	1679	2	-0.665154	0.124395	31439144	31439878	31440910	31441461
235 NA19132	[2515685 chr6	6	31467241	31469444	2204	2	-1.020821	0.130482	31466904	31467579	31468410	31470471
236 NA19132	[2515685 chr6	6	31496274	31515665	19392	4	-0.484993	0.08796	31495261	31497288	31515350	31515981
237 NA19132	[2515685 chr6	6	32538780	32547042	8263	4	-0.385326	0.042919	32538477	32539084	32546557	32547521
238 NA19132	[2515685 chr6	6	32549693	32557802	8110	8	-0.385326	0.042919	32549372	32550014	32557647	32557951
239 NA19132	[2515685 chr6	6	32557802	32558865	1064	2	0.668508	0.124395	32557647	32557958	32558698	32559031
240 NA19132	[2515685 chr6	6	32565102	32586862	21761	3	-3.034425	0.229676	32564888	32565316	32586127	32587591
241 NA19132	[2515685 chr6	6	32586862	32588830	1969	3	-0.673915	0.123956	32586127	32587597	32588323	32589331
242 NA19132	[2515685 chr6	6	32591649	32594326	2678	4	0.738492	0.105333	32591403	32591896	32594082	32594571
243 NA19132	[2515685 chr6	6	32598573	32632349	33777	28	-0.699198	0.037229	32598133	32599013	32632089	32632611
244 NA19132	[2515685 chr6	6	32653862	32655482	1621	3	0.744815	0.132835	32653679	32654046	32654980	32655981
245 NA19132	[2515685 chr6	6	32702716	32705737	3022	3	-1.329231	0.108812	32702285	32703148	32704019	32707451
246 NA19132	[2515685 chr6	6	32709110	32712337	3228	4	-0.524245	0.08796	32708806	32709414	32712193	32712481
247 NA19132	[2515685 chr6	6	32739496	32740792	1297	2	1.184003	0.17372	32739164	32739828	32740450	32741131
248 NA19132	[2515685 chr6	6	32799932	32801270	1339	2	1.045278	0.126174	32799289	32800576	32800912	32801621
249 NA19132	[2515685 chr6	6	35862833	35874426	11594	13	0.76734	0.048791	35862530	35863136	35873957	35874891
250 NA19132	[2515685 chr6	6	54036900	54042384	5485	5	2.917587	0.140007	54036573	54037227	54041771	54042991
251 NA19132	[2515685 chr6	6	66455162	66462462	7301	6	-0.926806	0.080116	66454046	66456278	66462257	66462661
252 NA19132	[2515685 chr6	6	68292376	68305567	13192	10	0.484382	0.055631	68292072	68292680	68305280	68305851
253 NA19132	[2515685 chr6	6	68348353	68357752	9400	3	-0.629805	0.109695	68347172	68349534	68355593	68359911
254 NA19132	[2515685 chr6	6	68551595	68559041	7447	10	-0.296929	0.055746	68551347	68551844	68558775	68559301
255 NA19132	[2515685 chr6	6	77495034	77513512	18479	12	0.731816	0.052652	77493568	77496500	77510011	77517691
256 NA19132	[2515685 chr6	6	78986374	78987970	1597	4	-0.467816	0.08796	78986211	78986537	78987700	78988241
257 NA19132	[2515685 chr6	6	79023318	79093263	69946	70	0.763128	0.021583	79022028	79024609	79091909	79094611
258 NA19132	[2515685 chr6	6	93631413	93637196	5784	6	-0.891973	0.075671	93630862	93631964	93635493	93638891
259 NA19132	[2515685 chr6	6	115422387	115424321	1935	2	-1.32947	0.153091	115421781	115422994	115423780	11542486
260 NA19132	[2515685 chr6	6	115435628	115450846	15219	11	-0.429431	0.056409	115435436	115435820	115450464	11545122
261 NA19132	[2515685 chr6	6	120671191	120671916	726	2	0.747791	0.124394	120670696	120671686	120671725	12067210
262 NA19132	[2515685 chr6	6	160997684	161051768	54085	73	0.311328	0.02059	160997465	160997903	161051454	16105208
263 NA19132	[2515685 chr6	6	162163383	162170538	7156	7	-0.362125	0.066872	162162954	162163813	162169854	16217122
264 NA19132	[2515685 chr6	6	167479669	167482583	2915	2	0.774434	0.124395	167479005	167480333	167482187	16748297
265 NA19132	[2515685 chr6	6	167768770	167772941	4172	11	0.364669	0.053042	167768683	167768857	167772637	16777324
266 NA19132	[2515685 chr6	6	168453011	168456762	3752	3	0.826296	0.101567	168452611	168453411	168456200	16845732
267 NA19132	[2515685 chr6	6	170570659	170571491	833	7	0.360526	0.066491	170570596	170570723	170571251	17057173
268 NA19132	[2515685 chr6	6	170603879	170604666	788	2	-1.137121	0.124394	170603541	170604217	170604339	17060499
269 NA19132	[2515685 chr6	6	170625506	170627028	1523	3	1.780208	0.111591	170625015	170625997	170626579	17062747
270 NA19132	[2515685 chr6	6	170692529	170694780	2252	13	0.528702	0.048792	170692183	170692876	170694493	17069506
271 NA19132	[2515685 chr7	7	106090	135257	29168	56	0.25604	0.023508	105852	106328	134958	135556
272 NA19132	[2515685 chr7	7	166530	175565	9036	15	0.374511	0.045423	166251	166809	175292	175836
273 NA19132	[2515685 chr7	7	3384111	3392457	8347	8	0.905639	0.062197	3383451	3384772	3390107	3395611
274 NA19132	[2515685 chr7	7	14861623	14866192	4570	3	-0.957613	0.101567	14860212	14863034	14864375	14868001
275 NA19132	[2515685 chr7	7	19392964	19403725	10762	5	-0.430829	0.079189	19392532	19393396	19401375	1945566
276 NA19132	[2515685 chr7	7	43773800	43943924	170125	112	0.288995	0.016623	43773256	43774344	43941574	44020061
277 NA19132	[2515685 chr7	7	56415683	56544240	128558	4	-0.56145	0.08796	56286086	56418033	56542365	56546111
278 NA19132	[2515685 chr7	7	56613863	56628513	14651	17	-0.253241	0.043242	56613570	56614157	56628090	56628931
279 NA19132	[2515685 chr7	7	57661653	57667912	6260	6	-0.368352	0.071819	57661045	57662262	57667668	57668151
280 NA19132	[2515685 chr7	7	62254472	62255088	617	4	0.48536	0.089298	62254309	62254635	62254924	62255251
281 NA19132	[2515685 chr7	7	62302079	62302696	618	4	0.48537	0.089299	62301915	62302243	62302533	62302851
282 NA19132	[2515685 chr7	7	63997159	64008697	11539	14	0.358623	0.047028	63996513	63997805	64008352	64009041
283 NA19132	[2515685 chr7	7	64033071	64045487	12417	36	-0.36856	0.02932	64032865	64033278	64045069	64045901
284 NA19132	[2515685 chr7	7	64464087	64479903	15817	43	-0.333905	0.026828	64463669	64464506	64479522	64480281

285 NA19132	[2515685 chr7	7	64540847	64556662	15816	45	-0.354128	0.026225	64540466	64541228	64556244	64557081
286 NA19132	[2515685 chr7	7	64691204	64728286	37083	40	0.408798	0.028017	64690582	64691826	64726483	64730091
287 NA19132	[2515685 chr7	7	69866390	69869623	3234	4	0.571191	0.087974	69865412	69867368	69869269	69869971
288 NA19132	[2515685 chr7	7	69869623	69871056	1434	2	2.92941	0.1694	69869269	69869978	69870420	69871169
289 NA19132	[2515685 chr7	7	71779202	71783096	3895	9	0.303834	0.05864	71779020	71779384	71782959	7178323
290 NA19132	[2515685 chr7	7	71938916	71939766	851	5	0.432153	0.078674	71938731	71939101	71939618	7193991
291 NA19132	[2515685 chr7	7	71965596	71967828	2233	8	0.314578	0.062197	71965586	71965607	71967680	71967971
292 NA19132	[2515685 chr7	7	72014016	72014871	856	3	0.572444	0.101567	72013991	72014042	72014598	7201514
293 NA19132	[2515685 chr7	7	73823778	73824682	905	4	0.48396	0.08796	73823755	73823801	73824463	7382490
294 NA19132	[2515685 chr7	7	74096901	74097754	854	3	0.572448	0.101568	74096630	74097173	74097729	74097781
295 NA19132	[2515685 chr7	7	74144095	74144944	850	5	0.432154	0.078674	74143947	74144243	74144759	7414512
296 NA19132	[2515685 chr7	7	74511185	74511943	759	3	0.572448	0.101568	74511009	74511362	74511918	7451196
297 NA19132	[2515685 chr7	7	74558360	74559208	849	5	0.432155	0.078674	74558212	74558508	74559023	7455939
298 NA19132	[2515685 chr7	7	74586379	74587231	853	5	0.432154	0.078674	74586231	74586527	74587046	74587411
299 NA19132	[2515685 chr7	7	74614403	74615250	848	5	0.432157	0.078674	74614255	74614551	74615065	7461543
300 NA19132	[2515685 chr7	7	74772884	74776050	3167	9	0.346298	0.05864	74772787	74772982	74775644	7477645
301 NA19132	[2515685 chr7	7	76336944	76338655	1712	2	0.722629	0.124395	76336621	76337268	76338090	76339221
302 NA19132	[2515685 chr7	7	78448980	78498649	49670	53	-0.876119	0.025047	78448496	78449465	78498134	7849916
303 NA19132	[2515685 chr7	7	89455601	89456632	1032	2	3.782141	0.205466	89455373	89455830	89456225	8945703
304 NA19132	[2515685 chr7	7	92971481	92978688	7208	5	0.521911	0.079301	92971060	92971903	92978221	9297915
305 NA19132	[2515685 chr7	7	101688538	101925433	236896	314	0.330568	0.00994	101684772	101690888	101924670	10192619
306 NA19132	[2515685 chr7	7	109034784	109048749	13966	10	2.017517	0.072448	109024063	109037134	109046953	10905054
307 NA19132	[2515685 chr7	7	109776378	109782655	6278	5	0.837101	0.082384	109775821	109776936	109782301	10978301
308 NA19132	[2515685 chr7	7	125639507	125644775	5269	6	-0.829021	0.079809	125639054	125639961	125644046	12564550
309 NA19132	[2515685 chr7	7	133241895	133257359	15465	16	2.105796	0.062971	133240782	133243008	133255009	13326093
310 NA19132	[2515685 chr7	7	141496492	141499968	3477	3	-0.74466	0.104368	141495918	141497066	141499762	14150017
311 NA19132	[2515685 chr7	7	141505136	141521690	16555	20	-1.329078	0.049151	141504428	141505844	141521412	14152196
312 NA19132	[2515685 chr7	7	142739896	142772439	32544	31	0.302521	0.031596	142739886	142739906	142772239	14277263
313 NA19132	[2515685 chr7	7	142899827	142955338	55512	68	0.264001	0.021334	142899357	142900297	142955130	14295554
314 NA19132	[2515685 chr7	7	143320629	143417155	96527	172	-0.685843	0.009238	143320373	143320886	143416975	14341733
315 NA19132	[2515685 chr7	7	143420642	143512678	92037	184	-0.685843	0.009238	143420120	143421165	143512168	14351318
316 NA19132	[2515685 chr7	7	156987336	156989925	2590	7	0.40703	0.066491	156986734	156987939	156989607	15699024
317 NA19132	[2515685 chr7	7	158207288	158209880	2593	2	0.82608	0.124395	158206344	158208233	158209333	15821042
318 NA19132	[2515685 chr7	7	158617060	158624378	7319	6	0.728802	0.073654	158616763	158617357	158622028	15862672
319 NA19132	[2515685 chr8	8	2202770	2204550	1781	4	0.493131	0.08796	2202506	2203034	2203659	220544
320 NA19132	[2515685 chr8	8	2238733	2253794	15062	10	-0.720718	0.055714	2233839	2241488	2251039	225752
321 NA19132	[2515685 chr8	8	4110204	4112526	2323	2	3.880598	0.245313	4109692	4110717	4112031	411302
322 NA19132	[2515685 chr8	8	4158964	4163289	4326	5	-0.462041	0.079613	4158524	4159404	4162998	416358
323 NA19132	[2515685 chr8	8	4951200	4952887	1688	3	-0.511029	0.101568	4950948	4951452	4952599	495317
324 NA19132	[2515685 chr8	8	5582875	5594011	11137	9	0.73052	0.05864	5582615	5583135	5592820	559520
325 NA19132	[2515685 chr8	8	7097781	7146048	48268	203	0.360464	0.004317	7097278	7098285	7145836	714626
326 NA19132	[2515685 chr8	8	7168547	7193580	25034	54	0.360464	0.004317	7168330	7168765	7193447	719371
327 NA19132	[2515685 chr8	8	7222172	7431662	209491	422	0.360464	0.004317	7221921	7222423	7431162	743216
328 NA19132	[2515685 chr8	8	7606320	7847279	240960	570	0.360464	0.004317	7605817	7606824	7846986	784757
329 NA19132	[2515685 chr8	8	7861835	7881683	19849	48	0.360464	0.004317	7861646	7862024	7881466	788190
330 NA19132	[2515685 chr8	8	7903980	7929654	25675	97	0.360464	0.004317	7903568	7904392	7929154	793015
331 NA19132	[2515685 chr8	8	8191989	8193498	1510	2	0.662118	0.124395	8191773	8192206	8192899	819409
332 NA19132	[2515685 chr8	8	12023134	12035788	12655	34	1.372291	0.030954	12022997	12023272	12035599	12035971
333 NA19132	[2515685 chr8	8	12064826	12072445	7620	25	0.506129	0.035184	12064663	12064989	12072267	1207262
334 NA19132	[2515685 chr8	8	12275692	12276602	911	2	-0.696796	0.124395	12275477	12275908	12276206	1227699
335 NA19132	[2515685 chr8	8	12276602	12284606	8005	15	1.251315	0.046148	12276206	12276998	12284461	1228475
336 NA19132	[2515685 chr8	8	12314107	12321726	7620	22	0.487208	0.037506	12313944	12314270	12321548	1232190
337 NA19132	[2515685 chr8	8	15233310	15235634	2325	2	0.632064	0.124394	15232721	15233900	15235038	1523623
338 NA19132	[2515685 chr8	8	15700068	15703756	3689	2	-0.628637	0.124394	15697436	15702700	15703434	1570407
339 NA19132	[2515685 chr8	8	16245461	16251509	6049	6	-0.737922	0.071819	16245129	16245794	16250812	1625220

340 NA19132	[2515685 chr8	8	16305945	16323850	17906	17	-0.809418	0.043067	16304897	16306994	16323221	1632447!
341 NA19132	[2515685 chr8	8	20022286	20024771	2486	2	-1.08061	0.125753	20021082	20023491	20024338	2002520!
342 NA19132	[2515685 chr8	8	22898972	22900547	1576	2	0.683509	0.124394	22898453	22899491	22900145	2290094!
343 NA19132	[2515685 chr8	8	32799786	32810890	11105	12	2.309837	0.075844	32799314	32800259	32810654	3281112!
344 NA19132	[2515685 chr8	8	39351178	39506673	155496	163	0.73447	0.014081	39350826	39351530	39505284	3950806!
345 NA19132	[2515685 chr8	8	54001807	54002677	871	2	-0.989783	0.130574	54001673	54001942	54002470	5400288!
346 NA19132	[2515685 chr8	8	58278355	58287850	9496	8	1.618358	0.065284	58277116	58279595	58287616	5828808!
347 NA19132	[2515685 chr8	8	58287850	58296106	8257	9	0.459987	0.058653	58287616	58288084	58295669	5829654!
348 NA19132	[2515685 chr8	8	63378168	63387857	9690	14	-0.729003	0.048527	63377712	63378624	63387483	6338823!
349 NA19132	[2515685 chr8	8	65006548	65013851	7304	7	-0.735636	0.070306	64946114	65009303	65013074	6501462!
350 NA19132	[2515685 chr8	8	85423649	85431920	8272	7	0.869452	0.066491	85423043	85424256	85431347	8543249!
351 NA19132	[2515685 chr8	8	86740195	86909771	169577	100	0.307902	0.017592	86739439	86740951	86909541	8691000!
352 NA19132	[2515685 chr8	8	115009721	115012350	2630	4	-0.443315	0.087961	115009261	115010182	115012053	11501264!
353 NA19132	[2515685 chr8	8	115148105	115149916	1812	2	-1.07551	0.131382	115147694	115148517	115149348	11515048!
354 NA19132	[2515685 chr8	8	119999726	120003128	3403	2	-1.051151	0.12514	119995336	120002481	120002653	12000360!
355 NA19132	[2515685 chr8	8	130809261	130824865	15605	3	-0.53683	0.101568	130807000	130811522	130823894	13082583!
356 NA19132	[2515685 chr9	9	11350	34109	22760	43	0.253814	0.026828	11177	11524	32902	35316
357 NA19132	[2515685 chr9	9	12462510	12465845	3336	2	-0.713503	0.135906	12461944	12463076	12463483	1246884!
358 NA19132	[2515685 chr9	9	21185196	21196545	11350	14	-0.47809	0.047127	21185026	21185367	21196245	2119684!
359 NA19132	[2515685 chr9	9	29127928	29135717	7790	6	-0.366906	0.072274	29127566	29128290	29135457	2913597!
360 NA19132	[2515685 chr9	9	30370008	30372069	2062	4	-0.509444	0.08796	30369742	30370274	30371740	3037239!
361 NA19132	[2515685 chr9	9	33607488	33608680	1193	2	0.827402	0.124395	33607283	33607694	33608420	3360894!
362 NA19132	[2515685 chr9	9	33688323	33689560	1238	2	-0.632142	0.124395	33687588	33689059	33689374	3368974!
363 NA19132	[2515685 chr9	9	38781011	38797873	16863	9	0.345183	0.05864	38780851	38781171	38797288	3879845!
364 NA19132	[2515685 chr9	9	38856017	38864486	8470	16	-0.319915	0.044359	38849975	38858379	38864433	3886453!
365 NA19132	[2515685 chr9	9	39141292	39271010	129719	235	-0.335022	0.006804	39140975	39141609	39270743	3927127!
366 NA19132	[2515685 chr9	9	39489226	39582261	93036	170	-0.335022	0.006804	39489107	39489345	39581955	3958256!
367 NA19132	[2515685 chr9	9	39813768	39815652	1885	3	-0.671178	0.101567	39813502	39814035	39814733	3981657!
368 NA19132	[2515685 chr9	9	40146093	40356832	210740	305	-0.619054	0.010124	40145849	40146338	40356778	4035688!
369 NA19132	[2515685 chr9	9	40545530	40545798	269	2	-0.642917	0.125019	40545346	40545715	40545769	4054582!
370 NA19132	[2515685 chr9	9	40617474	40620870	3397	5	-0.490765	0.078674	40617281	40617668	40620620	4062112!
371 NA19132	[2515685 chr9	9	41234952	41243367	8416	13	-0.323471	0.049311	41234900	41235005	41241005	4124946!
372 NA19132	[2515685 chr9	9	41649237	41651122	1886	3	-0.671178	0.101567	41648318	41650157	41650855	4165138!
373 NA19132	[2515685 chr9	9	42202554	42205849	3296	6	-0.360718	0.071819	42202291	42202817	42205568	4220613!
374 NA19132	[2515685 chr9	9	42645007	42646038	1032	2	-0.800387	0.124395	42644851	42645163	42645769	4264630!
375 NA19132	[2515685 chr9	9	42669198	42670938	1741	2	-0.784278	0.124395	42668921	42669475	42670652	4267122!
376 NA19132	[2515685 chr9	9	42754727	42756705	1979	3	-1.132069	0.101568	42754385	42755070	42755767	4275764!
377 NA19132	[2515685 chr9	9	42789875	42791615	1741	2	-0.784278	0.124395	42789598	42790152	42791329	4279190!
378 NA19132	[2515685 chr9	9	42875403	42877381	1979	3	-1.132069	0.101568	42875061	42875746	42876443	4287832!
379 NA19132	[2515685 chr9	9	43057976	43060535	2560	4	-0.605396	0.08796	43056542	43059411	43060020	4306105!
380 NA19132	[2515685 chr9	9	43065211	43066832	1622	2	-2.884237	0.198098	43064261	43066162	43066646	4306701!
381 NA19132	[2515685 chr9	9	43097020	43097900	881	4	-0.495082	0.08796	43096964	43097077	43097807	4309799!
382 NA19132	[2515685 chr9	9	43098818	43213436	114619	245	-0.654825	0.011313	43098735	43098901	43213301	4321357!
383 NA19132	[2515685 chr9	9	43457901	43464305	6405	8	0.347498	0.062197	43457689	43458113	43463943	4346466!
384 NA19132	[2515685 chr9	9	43485670	43492164	6495	9	0.336584	0.05864	43485165	43486176	43491952	4349237!
385 NA19132	[2515685 chr9	9	43507114	43507884	771	3	-0.513659	0.101568	43506608	43507620	43507687	4350808!
386 NA19132	[2515685 chr9	9	43608585	43609528	944	2	-0.744535	0.124395	43608266	43608905	43609211	4360984!
387 NA19132	[2515685 chr9	9	43720039	43721070	1032	2	-0.800387	0.124395	43719883	43720195	43720801	4372133!
388 NA19132	[2515685 chr9	9	43744237	43745976	1740	2	-0.784278	0.124395	43743960	43744514	43745690	4374626!
389 NA19132	[2515685 chr9	9	43885522	43886459	938	2	0.646142	0.124395	43885267	43885778	43886107	4388681!
390 NA19132	[2515685 chr9	9	43941891	43943985	2095	6	0.461412	0.071819	43941695	43942087	43943754	4394421!
391 NA19132	[2515685 chr9	9	44185625	44189590	3966	9	0.310247	0.05864	44185383	44185867	44188800	4419038!
392 NA19132	[2515685 chr9	9	44678564	44680583	2020	4	0.617665	0.08796	44678361	44678768	44680330	4468083!
393 NA19132	[2515685 chr9	9	44928853	44931216	2364	5	0.646902	0.078674	44928333	44929374	44931007	4493142!
394 NA19132	[2515685 chr9	9	45456401	45493025	36625	11	0.345553	0.053042	45455127	45457675	45490663	4549826!

395 NA19132	[2515685 chr9	9	64290263	64291206	944	2	-0.744535	0.124395	64289944	64290583	64290889	6429152:
396 NA19132	[2515685 chr9	9	66047392	66055802	8411	14	-0.317258	0.047481	66047340	66047445	66053440	6606190:
397 NA19132	[2515685 chr9	9	66110120	66133327	23208	19	0.31356	0.041174	66109969	66110272	66133030	6613362:
398 NA19132	[2515685 chr9	9	76777070	76779384	2315	2	0.832767	0.124394	76776756	76777385	76778920	7677984:
399 NA19132	[2515685 chr9	9	76785489	76787598	2110	2	-1.070775	0.125034	76785038	76785941	76787269	7678792:
400 NA19132	[2515685 chr9	9	80594402	80595587	1186	2	-0.972051	0.12568	80594078	80594727	80595307	8059586:
401 NA19132	[2515685 chr9	9	87295206	87296948	1743	2	-0.849734	0.125526	87294771	87295642	87296539	8729735:
402 NA19132	[2515685 chr9	9	138315359	138406748	91390	105	0.271841	0.017168	138315210	138315508	138406510	13840698
403 NA19132	[2515685 chr10	10	5689526	5758557	69032	86	0.441366	0.019033	5689135	5689917	5757181	575993:
404 NA19132	[2515685 chr10	10	6693908	6703893	9986	8	0.750508	0.063123	6692231	6695585	6703779	6704008
405 NA19132	[2515685 chr10	10	42559247	42565662	6416	10	-0.489784	0.055631	42558647	42559848	42565423	4256590:
406 NA19132	[2515685 chr10	10	45494243	45522663	28421	65	-0.275447	0.02182	45494187	45494299	45522146	4552318:
407 NA19132	[2515685 chr10	10	46103623	47239593	1135971	1825	-0.273343	0.003457	46103207	46104040	47239400	4723978:
408 NA19132	[2515685 chr10	10	47577933	47895873	317941	503	-0.273343	0.003457	47575187	47725982	47895597	4789614:
409 NA19132	[2515685 chr10	10	48490524	48942132	451609	701	-0.284189	0.006645	48490108	48490941	48941736	4894252:
410 NA19132	[2515685 chr10	10	50894581	50916442	21862	54	-0.275261	0.02394	50894321	50894841	50916386	5091649:
411 NA19132	[2515685 chr10	10	51067559	51156234	88676	82	-0.296147	0.019427	51067485	51067634	51156178	5115629:
412 NA19132	[2515685 chr10	10	51186006	51187734	1729	2	-0.905627	0.124395	51185282	51186730	51187158	5118831:
413 NA19132	[2515685 chr10	10	55042256	55129021	86766	81	-0.80054	0.019944	55041866	55042646	55128207	5512983:
414 NA19132	[2515685 chr10	10	56117212	56139275	22064	20	-1.006239	0.039891	56115764	56118661	56138931	5613961:
415 NA19132	[2515685 chr10	10	58514843	58519516	4674	6	-0.374079	0.07182	58514705	58514982	58519358	5851967:
416 NA19132	[2515685 chr10	10	75103397	75127249	23853	32	-0.271346	0.031099	75102599	75104195	75126882	7512761:
417 NA19132	[2515685 chr10	10	81554504	81575212	20709	25	-0.266058	0.035184	81554236	81554773	81575002	8157542:
418 NA19132	[2515685 chr10	10	81662330	81668479	6150	9	-0.430985	0.05864	81662046	81662614	81668415	8166854:
419 NA19132	[2515685 chr10	10	88823459	88836422	12964	17	-0.354317	0.042667	88823233	88823685	88835452	8883739:
420 NA19132	[2515685 chr10	10	88866216	88962817	96602	106	-0.41358	0.017121	88865617	88866816	88962401	8896323:
421 NA19132	[2515685 chr10	10	89144692	89179870	35179	53	-0.338531	0.024204	89144420	89144965	89179587	8918015:
422 NA19132	[2515685 chr10	10	122760140	122777315	17176	11	-0.705515	0.053222	122759805	122760476	122776760	1227778:
423 NA19132	[2515685 chr10	10	124336365	124341749	5385	6	0.969426	0.07215	124335581	124337149	124341238	12434226
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425 NA19132	[2515685 chr10	10	125208743	125210864	2122	2	0.640302	0.124394	125208363	125209123	125210368	12521136
426 NA19132	[2515685 chr10	10	129048824	129051127	2304	2	-0.839636	0.153182	129048372	129049276	129050257	12905199
427 NA19132	[2515685 chr10	10	134168766	134170259	1494	17	-0.801444	0.042667	134168524	134169008	134170097	13417042
428 NA19132	[2515685 chr10	10	134924761	134926337	1577	16	0.644483	0.04398	134924706	134924816	134926184	13492649
429 NA19132	[2515685 chr10	10	135239047	135395222	156176	129	0.294497	0.015493	135238472	135239623	135394862	13539558
430 NA19132	[2515685 chr11	11	723603	735501	11899	5	-0.456734	0.078674	723363	723843	734076	73692:
431 NA19132	[2515685 chr11	11	754804	761140	6337	5	0.393447	0.078674	754327	755282	760250	762031
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433 NA19132	[2515685 chr11	11	3222433	3316109	93677	109	0.589481	0.01685	3213200	3225514	3315778	331644:
434 NA19132	[2515685 chr11	11	3597614	3602209	4596	6	0.391507	0.071819	3597275	3597954	3601914	360250:
435 NA19132	[2515685 chr11	11	3628748	3632795	4048	6	-1.031901	0.071819	3625722	3631775	3632594	363299:
436 NA19132	[2515685 chr11	11	4924831	4933540	8710	9	-2.404529	0.077485	4924403	4925260	4933251	493383:
437 NA19132	[2515685 chr11	11	5717038	5718491	1454	2	3.572681	0.213799	5716660	5717416	5718038	571894:
438 NA19132	[2515685 chr11	11	5741269	5765993	24725	33	1.669066	0.042227	5741059	5741480	5765632	576635:
439 NA19132	[2515685 chr11	11	11831868	11833089	1222	2	0.865456	0.147693	11831412	11832324	11832853	1183332:
440 NA19132	[2515685 chr11	11	18906905	18928671	21767	30	0.746719	0.032446	18906533	18907278	18928457	1892888:
441 NA19132	[2515685 chr11	11	25658875	25671969	13095	17	-0.81742	0.044273	25658601	25659149	25670759	2567317:
442 NA19132	[2515685 chr11	11	28965605	28968821	3217	4	2.058217	0.154072	28965284	28965927	28967972	2896967:
443 NA19132	[2515685 chr11	11	48284073	48284771	699	2	1.119221	0.124394	48283862	48284285	48284572	4828497:
444 NA19132	[2515685 chr11	11	49038483	49054900	16418	38	-0.396164	0.028538	49038280	49038687	49054705	4905509:
445 NA19132	[2515685 chr11	11	49348562	49358057	9496	8	-0.339265	0.062197	49348121	49349003	49357772	4935834:
446 NA19132	[2515685 chr11	11	49668606	49715829	47224	33	0.386276	0.030871	49668327	49668886	49712748	4972198:
447 NA19132	[2515685 chr11	11	54977173	54979405	2233	2	-0.682625	0.124394	54976212	54978135	54979178	5497963:
448 NA19132	[2515685 chr11	11	60721034	60777477	56444	74	0.431215	0.020479	60720112	60721956	60776810	6077814:
449 NA19132	[2515685 chr11	11	73815147	73817979	2833	2	-0.664712	0.124395	73812981	73817313	73817746	7381821:

450 NA19132	[2515685 chr11	11	81353340	81355813	2474	2	-0.978782 0.130621	81353009	81353672	81353989	81357631
451 NA19132	[2515685 chr11	11	84862788	84864160	1373	2	-0.651608 0.127624	84862397	84863179	84863730	84864591
452 NA19132	[2515685 chr11	11	85981700	85984113	2414	3	-0.705004 0.101568	85981147	85982254	85983791	85984431
453 NA19132	[2515685 chr11	11	89116121	89154873	38753	50	-0.35093 0.024904	89115895	89116348	89154457	89155291
454 NA19132	[2515685 chr11	11	89184898	89189792	4895	5	0.585149 0.086319	89184243	89185554	89189177	89190401
455 NA19132	[2515685 chr11	11	89427489	89477435	49947	59	-0.386014 0.022903	89427192	89427786	89477160	89477771
456 NA19132	[2515685 chr11	11	104427891	104437123	9233	11	-0.699249 0.055207	104425560	104430223	104436554	10443769
457 NA19132	[2515685 chr11	11	106744846	106747471	2626	7	-2.992101 0.108826	106744561	106745131	106747267	10674767
458 NA19132	[2515685 chr11	11	134107699	134112290	4592	5	0.737594 0.083223	134106591	134108808	134111845	13411273
459 NA19132	[2515685 chr12	12	737102	744802	7701	8	0.984484 0.062197	736616	737588	744211	745394
460 NA19132	[2515685 chr12	12	2112534	2127044	14511	15	0.715674 0.046138	2109107	2115961	2126809	2127275
461 NA19132	[2515685 chr12	12	6110940	6118188	7249	5	0.584391 0.081302	6110241	6111640	61117816	6118567
462 NA19132	[2515685 chr12	12	6515809	6517225	1417	2	0.644228 0.124395	6515512	6516107	6516943	6517508
463 NA19132	[2515685 chr12	12	8262986	8270350	7365	18	0.524441 0.041465	8262374	8263598	8269654	8271046
464 NA19132	[2515685 chr12	12	9552264	9555463	3200	4	0.572718 0.10997	9551979	9552549	9555119	9555808
465 NA19132	[2515685 chr12	12	11080832	11083764	2933	5	-0.715268 0.078674	11080446	11081219	11083559	11083961
466 NA19132	[2515685 chr12	12	11109926	11112902	2977	5	-0.911169 0.078674	11109784	11110068	11112601	11113201
467 NA19132	[2515685 chr12	12	11172445	11177210	4766	3	-0.914961 0.101568	11172159	11172731	11176908	11177511
468 NA19132	[2515685 chr12	12	11316987	11322786	5800	8	-0.314079 0.062197	11316630	11317345	11322352	11323221
469 NA19132	[2515685 chr12	12	11398049	11463223	65175	66	-0.360121 0.021655	11397507	11398591	11459990	11466451
470 NA19132	[2515685 chr12	12	22462548	22477653	15106	8	1.033156 0.069025	22461792	22463304	22474599	22480701
471 NA19132	[2515685 chr12	12	34090675	34099143	8469	3	-0.577198 0.108439	34090404	34090947	34098927	34099361
472 NA19132	[2515685 chr12	12	34099919	34108168	8250	12	-0.721743 0.053212	34099639	34100199	34107972	34108361
473 NA19132	[2515685 chr12	12	36729609	36737753	8145	15	0.2547 0.045423	36729059	36730159	36736974	36738531
474 NA19132	[2515685 chr12	12	36799262	36816347	17086	10	-0.317871 0.055631	36797896	36800628	36814922	36817771
475 NA19132	[2515685 chr12	12	36886168	36890395	4228	5	-0.446722 0.078674	36886078	36886259	36887282	36893501
476 NA19132	[2515685 chr12	12	69156919	69167889	10971	11	0.773467 0.053129	69138649	69160412	69164396	69215011
477 NA19132	[2515685 chr12	12	70474531	70476812	2282	3	-0.624331 0.101568	70473883	70475180	70476524	70477101
478 NA19132	[2515685 chr12	12	78656134	78665261	9128	9	-0.668084 0.058833	78654687	78657582	78664736	78665781
479 NA19132	[2515685 chr12	12	87515000	87518489	3490	4	-0.599064 0.087961	87514326	87515675	87517571	87519401
480 NA19132	[2515685 chr12	12	98296195	98302023	5829	12	-0.777226 0.052657	98295885	98296506	98298530	98305941
481 NA19132	[2515685 chr12	12	129395501	129403321	7821	20	0.255184 0.039337	129395008	129395994	129403022	12940362
482 NA19132	[2515685 chr12	12	130315291	130316322	1032	11	-0.348401 0.053042	130315089	130315493	130316261	13031638
483 NA19132	[2515685 chr13	13	18217757	18277248	59492	20	0.278312 0.039337	18217719	18217795	18275111	18279381
484 NA19132	[2515685 chr13	13	25947233	25950398	3166	3	3.289426 0.153485	25946194	25948272	25949415	25951381
485 NA19132	[2515685 chr13	13	31430484	31437209	6726	7	-0.702955 0.069111	31430130	31430838	31436488	31437931
486 NA19132	[2515685 chr13	13	33036334	33042392	6059	6	0.74576 0.073929	33034735	33037934	33041860	33042921
487 NA19132	[2515685 chr13	13	56611711	56645734	34024	47	0.362693 0.025661	56610946	56612477	56645321	56646141
488 NA19132	[2515685 chr13	13	56763761	56786965	23205	32	-0.805225 0.031746	56762436	56765086	56786732	56787191
489 NA19132	[2515685 chr13	13	63291138	63299379	8242	6	-0.408518 0.076063	63290403	63291874	63299162	63299591
490 NA19132	[2515685 chr13	13	69633905	69673289	39385	42	0.7361 0.027734	69633412	69634399	69672985	69673591
491 NA19132	[2515685 chr13	13	88249771	88255014	5244	6	-0.421389 0.072811	88248289	88251253	88254657	88255371
492 NA19132	[2515685 chr13	13	109215660	109217089	1430	5	0.739935 0.078674	109215230	109216090	109216885	10921729
493 NA19132	[2515685 chr13	13	112715426	112718269	2844	3	-0.519939 0.101567	112715006	112715846	112717694	11271884
494 NA19132	[2515685 chr13	13	113079647	113081814	2168	2	0.847353 0.124394	113078890	113080404	113081491	11308213
495 NA19132	[2515685 chr14	14	18437470	18754227	316758	481	-0.470934 0.004736	18437443	18437497	18754075	18754381
496 NA19132	[2515685 chr14	14	18756820	18826909	70090	140	-0.470934 0.004736	18756797	18756843	18826790	18827021
497 NA19132	[2515685 chr14	14	18856291	19143339	287049	521	-0.470934 0.004736	18855875	18856707	19143095	19143581
498 NA19132	[2515685 chr14	14	19145876	19261218	115343	189	-0.470934 0.004736	19145143	19146610	19260776	19261661
499 NA19132	[2515685 chr14	14	19381311	19392300	10990	11	-0.290846 0.053316	19381022	19381601	19389484	19395111
500 NA19132	[2515685 chr14	14	19619354	19625484	6131	3	3.595363 0.221917	19612261	19624114	19625018	19625951
501 NA19132	[2515685 chr14	14	32022775	32026140	3366	2	-0.829957 0.124394	32022274	32023276	32023749	32028531
502 NA19132	[2515685 chr14	14	40894311	40897984	3674	4	-0.608145 0.099818	40893608	40895015	40897618	40898351
503 NA19132	[2515685 chr14	14	41982987	41990026	7040	7	-0.421955 0.066491	41982609	41983366	41989626	41990421
504 NA19132	[2515685 chr14	14	73074249	73082987	8739	11	-0.447111 0.057776	73073800	73074699	73082782	73083191

505 NA19132	[2515685 chr14	14	73102892	73110687	7796	6	0.516767	0.071819	73101149	73104635	73110054	73111321
506 NA19132	[2515685 chr14	14	104766812	104778505	11694	145	-0.811855	0.014609	104766457	104767167	104778286	10477872
507 NA19132	[2515685 chr15	15	18410351	18430991	20641	16	0.320197	0.04398	18410066	18410637	18430684	18431291
508 NA19132	[2515685 chr15	15	18458940	18468372	9433	6	-0.866267	0.071922	18458212	18459669	18467866	18468871
509 NA19132	[2515685 chr15	15	18486535	18488401	1867	2	-0.690119	0.124395	18486285	18486785	18488204	18488591
510 NA19132	[2515685 chr15	15	18842373	18849369	6997	12	0.415169	0.050784	18842153	18842593	18848726	18850011
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516 NA19132	[2515685 chr15	15	20367533	20383831	16299	18	-0.405433	0.042175	20367145	20367922	20383079	20384581
517 NA19132	[2515685 chr15	15	20730059	20733468	3410	6	-0.547501	0.071819	20729790	20730328	20733199	20733731
518 NA19132	[2515685 chr15	15	20757759	20759072	1314	2	-0.763262	0.124395	20757317	20758201	20758981	20759161
519 NA19132	[2515685 chr15	15	20761011	20762532	1522	2	-0.825033	0.137781	20760941	20761082	20762228	20762831
520 NA19132	[2515685 chr15	15	21049779	21054996	5218	7	-0.496863	0.066491	21049217	21050342	21052693	21060341
521 NA19132	[2515685 chr15	15	21160882	21163065	2184	7	-0.392565	0.066492	21160864	21160900	21162916	21163211
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547 NA19132	[2515685 chr15	15	81276907	81293550	16644	15	-0.258772	0.046401	81276538	81277276	81293219	81293881
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597 NA19132	[2515685 chr17	17	20315254	20335856	20603	29	0.48743	0.032668	20314152	20316357	20335559	2033615:
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1	NA12802	[2515685 chr1	1	11868	77845	65978	97	0.500042	0.014937	11692	12045	77684	78006
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3	NA12802	[2515685 chr1	1	5304270	5305267	998	20	0.288368	0.030581	5303963	5304578	5305148	5305381
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5	NA12802	[2515685 chr1	1	12884329	12886858	2530	4	0.432045	0.062048	12884224	12884434	12886536	12887181
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7	NA12802	[2515685 chr1	1	12967932	12995178	27247	34	-0.325045	0.014316	12967517	12968347	12994551	12995801
8	NA12802	[2515685 chr1	1	13001855	13096219	94365	53	-0.325045	0.014316	13001230	13002480	13095739	13096701
9	NA12802	[2515685 chr1	1	13159940	13162706	2767	4	0.471007	0.058104	13159618	13160263	13162366	1316304
10	NA12802	[2515685 chr1	1	13260906	13262648	1743	3	-0.378676	0.070545	13260620	13261192	13262403	1326289
11	NA12802	[2515685 chr1	1	13380737	13383503	2767	4	0.471007	0.058104	13380415	13381060	13383163	1338384
12	NA12802	[2515685 chr1	1	13450095	13457066	6972	3	-0.491244	0.070469	13449190	13451001	13456679	1345745
13	NA12802	[2515685 chr1	1	13481746	13483483	1738	3	-0.419566	0.069158	13481460	13482033	13483231	13483731
14	NA12802	[2515685 chr1	1	16546501	16573201	26701	26	-0.321009	0.027211	16545973	16547030	16572675	1657372
15	NA12802	[2515685 chr1	1	16685492	16693017	7526	10	-0.359014	0.045942	16685158	16685827	16692589	16693441
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17	NA12802	[2515685 chr1	1	16951179	16967620	16442	12	-0.397779	0.041133	16950818	16951540	16967220	1696802
18	NA12802	[2515685 chr1	1	16975906	17008908	33003	35	-0.576122	0.026377	16975406	16976406	17008393	1700942
19	NA12802	[2515685 chr1	1	17010797	17026185	15389	15	-0.315745	0.03555	17010506	17011088	17025840	17026531
20	NA12802	[2515685 chr1	1	72467674	72476358	8685	5	-0.922974	0.077299	72467220	72468129	72475692	72477021
21	NA12802	[2515685 chr1	1	101720095	101726932	6838	7	-0.725795	0.061839	101719625	101720565	101726599	10172726
22	NA12802	[2515685 chr1	1	103865050	103873304	8255	12	-0.463292	0.044911	103864928	103865173	103873021	10387358
23	NA12802	[2515685 chr1	1	108444641	108449550	4910	9	0.645677	0.051646	108443817	108445466	108449224	10844987
24	NA12802	[2515685 chr1	1	108514938	108565175	50238	58	0.324931	0.019955	108514864	108515012	108565023	10856532
25	NA12802	[2515685 chr1	1	108638096	108688767	50672	59	0.32833	0.019724	108637939	108638254	108688693	10868884
26	NA12802	[2515685 chr1	1	109933252	109935157	1906	3	0.445876	0.088121	109932716	109933789	109935040	10993527
27	NA12802	[2515685 chr1	1	109936541	109953240	16700	22	0.428576	0.0307	109935803	109937279	109952761	10995372
28	NA12802	[2515685 chr1	1	109961261	109965726	4466	3	0.503743	0.092954	109956492	109964530	109965065	10996638
29	NA12802	[2515685 chr1	1	111089464	111100714	11251	11	-0.810821	0.048733	111088288	111090640	111100119	11110131
30	NA12802	[2515685 chr1	1	141971552	141976719	5168	17	0.269142	0.030326	141971472	141971633	141976542	14197689
31	NA12802	[2515685 chr1	1	142375186	142378533	3348	5	-0.376284	0.063993	142374812	142375561	142377854	14237921
32	NA12802	[2515685 chr1	1	145100273	145105440	5168	16	0.287682	0.032258	145100193	145100354	145105263	14510561
33	NA12802	[2515685 chr1	1	145819213	145840436	21224	25	0.317172	0.02972	145819164	145819262	145840201	14584067
34	NA12802	[2515685 chr1	1	145929568	145951531	21964	26	0.381055	0.028528	145929405	145929732	145951467	14595159
35	NA12802	[2515685 chr1	1	146330898	146336084	5187	14	0.28522	0.033983	146330704	146331093	146336004	14633616
36	NA12802	[2515685 chr1	1	149368571	149385742	17172	3	-0.534224	0.082311	149368105	149369038	149385339	14938614
37	NA12802	[2515685 chr1	1	149385742	149399435	13694	19	-2.055143	0.054677	149385339	149386145	149399080	14939979
38	NA12802	[2515685 chr1	1	149573821	149583431	9611	5	-3.232562	0.139673	149573460	149574182	149582912	14958395
39	NA12802	[2515685 chr1	1	193443495	193555075	111581	96	0.466614	0.015523	193443280	193443710	193548890	19355526
40	NA12802	[2515685 chr1	1	193629397	193650443	21047	17	0.306396	0.035322	193628979	193629815	193650245	19365064

41	NA12802	[2515685 chr1	1	220392382	220401238	8857	3	-0.593683	0.091512	220383037	220395651	220399276	22040320
42	NA12802	[2515685 chr1	1	220570241	220571400	1160	2	0.531149	0.101538	220569940	220570543	220571101	22057170
43	NA12802	[2515685 chr1	1	233202665	233204956	2292	42	-0.636052	0.019624	233202312	233203018	233204364	23320554
44	NA12802	[2515685 chr1	1	239367166	239498531	131366	17	-0.358116	0.036044	239366598	239367734	239496181	23950088
45	NA12802	[2515685 chr2	2	388500	390704	2205	6	-0.490829	0.061472	387915	389086	390173	391236
46	NA12802	[2515685 chr2	2	409864	411383	1520	11	0.44157	0.041986	409612	410116	411034	411735
47	NA12802	[2515685 chr2	2	13507585	13511508	3924	8	-0.475463	0.052953	13507388	13507783	13510995	1351202
48	NA12802	[2515685 chr2	2	34606446	34641571	35126	38	0.761198	0.026151	34601818	34609397	34641330	3464181
49	NA12802	[2515685 chr2	2	52661573	52696869	35297	26	-0.805525	0.03056	52661218	52661928	52696416	5269732
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51	NA12802	[2515685 chr2	2	87473293	87478765	5473	9	-0.420843	0.047642	87472060	87474526	87478435	8747909
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53	NA12802	[2515685 chr2	2	91613381	91623810	10430	19	-0.353607	0.03186	91613205	91613558	91623669	9162395
54	NA12802	[2515685 chr2	2	97184386	97189733	5348	2	-0.799714	0.101672	97182781	97185992	97186782	9719672
55	NA12802	[2515685 chr2	2	106338419	106344320	5902	7	-0.571174	0.061632	106337769	106339069	106344055	10634458
56	NA12802	[2515685 chr2	2	114028006	114028857	852	7	0.295815	0.057082	114027870	114028143	114028311	11402940
57	NA12802	[2515685 chr2	2	114047737	114078067	30331	61	0.264857	0.018398	114046206	114049268	114053312	11408082
58	NA12802	[2515685 chr2	2	123193457	123199443	5987	5	-0.661687	0.071128	123193121	123193793	123198757	12320012
59	NA12802	[2515685 chr2	2	126159437	126168349	8913	3	-0.84948	0.087244	126158494	126160381	126168048	12616865
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61	NA12802	[2515685 chr2	2	153495552	153499409	3858	2	0.82502	0.118809	153484545	153498503	153498846	15349997
62	NA12802	[2515685 chr2	2	153622711	153625256	2546	3	0.981806	0.092177	153621175	153624247	153625088	15362542
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65	NA12802	[2515685 chr2	2	208176479	208184457	7979	7	0.833937	0.057563	208176093	208176865	208183930	20818498
66	NA12802	[2515685 chr2	2	232512469	232537143	24675	6	-0.591864	0.047436	232511142	232513796	232534243	23254004
67	NA12802	[2515685 chr2	2	242664580	242668683	4104	10	1.119599	0.039885	242664284	242664877	242668532	24266883
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93	NA12802	[2515685 chr4	4	69202095	69365270	163176	116	0.912078	0.014702	69201955	69202236	69365129	6936541
94	NA12802	[2515685 chr4	4	69672033	69717280	45248	52	0.546711	0.018132	69671975	69672092	69717139	6971742
95	NA12802	[2515685 chr4	4	70206173	70418275	212103	218	0.288672	0.01032	70205193	70207154	70418083	7041846

96 NA12802	[2515685 chr4	4	115534210	115541546	7337	9	-2.608778	0.096107	115530015	115537276	115539984	11554310
97 NA12802	[2515685 chr4	4	124835704	124837199	1496	3	-0.53413	0.093684	124835418	124835991	124836924	12483747
98 NA12802	[2515685 chr4	4	133536192	133540723	4532	3	-0.853281	0.102912	133531398	133539258	133540462	13354098
99 NA12802	[2515685 chr4	4	138537751	138549906	12156	14	0.924295	0.047971	138537443	138538059	138547414	13855239
100 NA12802	[2515685 chr4	4	142588136	142590500	2365	4	-2.122294	0.112308	142587774	142588498	142590303	14259069
101 NA12802	[2515685 chr4	4	153147415	153151949	4535	5	-0.642845	0.06716	153146836	153147995	153151358	15315254
102 NA12802	[2515685 chr4	4	162237272	162242562	5291	8	-3.314565	0.113547	162236487	162238058	162242381	16224274
103 NA12802	[2515685 chr4	4	162806038	162809269	3232	3	0.869693	0.08973	162804872	162807204	162808734	16280980
104 NA12802	[2515685 chr4	4	169184442	169368370	183929	161	0.780541	0.012682	169184090	169184794	169366713	16937002
105 NA12802	[2515685 chr4	4	172750241	172755216	4976	2	-3.539063	0.30673	172748887	172751596	172753256	17275717
106 NA12802	[2515685 chr4	4	173363594	173367718	4125	6	-0.786446	0.064232	173362583	173364606	173367283	17336815
107 NA12802	[2515685 chr4	4	173790048	173793313	3266	5	-0.651485	0.07864	173789801	173790296	173793197	17379342
108 NA12802	[2515685 chr4	4	173799832	173807321	7490	6	-2.830741	0.131919	173799464	173800201	173804255	17381134
109 NA12802	[2515685 chr4	4	183944886	183947025	2140	3	-0.788787	0.083315	183944291	183945482	183946755	18394729
110 NA12802	[2515685 chr4	4	185533276	185534552	1277	2	0.841198	0.129771	185532696	185533857	185534150	18553495
111 NA12802	[2515685 chr4	4	185535274	185544849	9576	9	1.01663	0.054315	185534955	185535593	1855343276	18554642
112 NA12802	[2515685 chr4	4	187728494	187732907	4414	15	1.69635	0.048076	187728193	187728795	187732541	18773327
113 NA12802	[2515685 chr4	4	188255523	188269680	14158	235	0.677224	0.008529	188255215	188255831	188269403	18826995
114 NA12802	[2515685 chr4	4	189801673	189807562	5890	8	-0.33237	0.053468	189801381	189801966	189807064	18980806
115 NA12802	[2515685 chr4	4	190528602	190533163	4562	21	-0.627106	0.033058	190528058	190529146	190531664	19053466
116 NA12802	[2515685 chr4	4	191142404	191143596	1193	3	0.384596	0.075815	191142135	191142673	191143215	19114397
117 NA12802	[2515685 chr5	5	520743	521684	942	5	0.446397	0.071773	520428	521059	521427	521942
118 NA12802	[2515685 chr5	5	743980	901723	157744	141	0.386248	0.011955	743336	744625	901319	902127
119 NA12802	[2515685 chr5	5	1075284	1079920	4637	24	0.446675	0.029179	1074709	1075859	1079566	108027!
120 NA12802	[2515685 chr5	5	1231558	1233247	1690	2	-3.333724	0.18106	1231167	1231949	1232879	123361!
121 NA12802	[2515685 chr5	5	8754941	8802041	47101	47	-0.800119	0.023713	8753828	8756055	8801659	880242!
122 NA12802	[2515685 chr5	5	12863961	12873512	9552	14	-0.816168	0.046581	12863778	12864144	12873198	1287382!
123 NA12802	[2515685 chr5	5	21321400	21354390	32991	55	-0.262152	0.017619	21321356	21321445	21354161	2135461!
124 NA12802	[2515685 chr5	5	21514574	21532674	18101	41	-0.363389	0.020168	21513711	21515438	21532465	2153288!
125 NA12802	[2515685 chr5	5	21971730	22049242	77513	120	-0.290154	0.012432	21971258	21972202	22048833	2204965!
126 NA12802	[2515685 chr5	5	26829433	26837938	8506	7	0.688656	0.066903	26829009	26829858	26837469	2683840!
127 NA12802	[2515685 chr5	5	34219149	34230043	10895	25	-0.446316	0.028573	34218815	34219483	34229790	3423029!
128 NA12802	[2515685 chr5	5	68963353	68988617	25265	67	-0.34991	0.015071	68963012	68963694	68987741	6898949!
129 NA12802	[2515685 chr5	5	69116586	69118622	2037	7	-0.440163	0.043553	69116357	69116816	69118587	6911865!
130 NA12802	[2515685 chr5	5	69227725	69404835	177111	307	-0.302958	0.004849	69226858	69228593	69404157	6940551!
131 NA12802	[2515685 chr5	5	69411352	69570626	159275	321	-0.302958	0.004849	69410702	69412002	69570558	6957069!
132 NA12802	[2515685 chr5	5	69696397	69698436	2040	6	-0.438988	0.04531	69696166	69696629	69698401	6969847!
133 NA12802	[2515685 chr5	5	69818862	69862668	43807	115	-0.341262	0.011627	69818651	69819074	69862421	6986291!
134 NA12802	[2515685 chr5	5	69974791	69976828	2038	6	-0.438988	0.04531	69974756	69974826	69976597	6997706!
135 NA12802	[2515685 chr5	5	70103607	70226843	123237	231	-0.29463	0.007932	70102740	70104475	70226514	7022717!
136 NA12802	[2515685 chr5	5	70233016	70280260	47245	47	-0.439622	0.017693	70232663	70233369	70279582	7028093!
137 NA12802	[2515685 chr5	5	70461691	70570968	109278	246	-0.302923	0.007765	70461427	70461956	70570900	7057103!
138 NA12802	[2515685 chr5	5	71985085	71987802	2718	4	-0.368557	0.072062	71984707	71985463	71987401	7198820!
139 NA12802	[2515685 chr5	5	81459213	81466055	6843	2	-1.392641	0.125813	81455614	81462405	81462863	8147028!
140 NA12802	[2515685 chr5	5	98882118	98900556	18439	35	-0.320263	0.023663	98881808	98882429	98900309	9890080!
141 NA12802	[2515685 chr5	5	99408801	99419037	10237	14	-0.298768	0.022458	99408605	99408997	99418328	9941974!
142 NA12802	[2515685 chr5	5	99424905	99436061	11157	18	-0.298768	0.022458	99424257	99425553	99433487	9943863!
143 NA12802	[2515685 chr5	5	99738581	99756720	18140	38	-0.354517	0.022677	99738184	99738978	99756474	9975696!
144 NA12802	[2515685 chr5	5	122649189	122651412	2224	3	0.566367	0.090588	122648933	122649446	122650032	12265279
145 NA12802	[2515685 chr5	5	137835848	137844134	8287	7	0.581727	0.0613	137835611	137836085	137843310	13784495
146 NA12802	[2515685 chr5	5	140203081	140218928	15848	20	1.859035	0.050252	140202344	140203819	140218508	14021934
147 NA12802	[2515685 chr5	5	140534849	140540106	5258	5	1.031793	0.070703	140534700	140534999	140539007	14054120
148 NA12802	[2515685 chr5	5	165157996	165161604	3609	2	-0.659694	0.118119	165155280	165160712	165160802	16516240
149 NA12802	[2515685 chr5	5	180309236	180363417	54182	53	0.495243	0.021196	180309103	180309370	180363120	18036371
150 NA12802	[2515685 chr5	5	180764561	180820838	56278	53	-0.3643	0.020538	180763713	180765409	180820785	18082089

151 NA12802	[2515685 chr6	6	3163	18689	15527	4	0.71851	0.068506	1	6325	15669	21709
152 NA12802	[2515685 chr6	6	201823	327656	125834	129	0.329947	0.012808	201415	202232	326993	328320
153 NA12802	[2515685 chr6	6	19149239	19156670	7432	10	-0.836897	0.050964	19148813	19149665	19153876	19159461
154 NA12802	[2515685 chr6	6	26860417	26861511	1095	2	-0.773121	0.099095	26860088	26860746	26861212	26861811
155 NA12802	[2515685 chr6	6	26959328	26980954	21627	42	-0.34533	0.020863	26958921	26959735	26980886	26981021
156 NA12802	[2515685 chr6	6	31316192	31346265	30074	15	0.304683	0.037294	31315812	31316572	31345931	31346591
157 NA12802	[2515685 chr6	6	32590831	32591649	819	2	-0.808341	0.11294	32590576	32591086	32591403	32591891
158 NA12802	[2515685 chr6	6	32630637	32631716	1080	2	0.997328	0.131332	32630364	32630911	32631343	32632081
159 NA12802	[2515685 chr6	6	32632349	32633889	1541	3	2.093136	0.151756	32632089	32632610	32633714	32634061
160 NA12802	[2515685 chr6	6	32658787	32659901	1115	2	1.734076	0.134727	32658616	32658959	32659691	32660111
161 NA12802	[2515685 chr6	6	32672888	32680221	7334	6	0.460743	0.062498	32672612	32673164	32679896	32680541
162 NA12802	[2515685 chr6	6	32712720	32713791	1072	2	0.791611	0.116588	32712482	32712958	32713485	32714091
163 NA12802	[2515685 chr6	6	32722647	32728733	6087	2	1.282985	0.132449	32721900	32723394	32728515	32728951
164 NA12802	[2515685 chr6	6	35862833	35874426	11594	13	0.419844	0.040772	35862530	35863136	35873957	35874891
165 NA12802	[2515685 chr6	6	54036900	54042384	5485	5	2.815546	0.132983	54036573	54037227	54041771	54042991
166 NA12802	[2515685 chr6	6	58242567	58250099	7533	7	-0.312527	0.057541	58195358	58246066	58249771	58250421
167 NA12802	[2515685 chr6	6	58351907	58376078	24172	52	-0.281235	0.018068	58351632	58352182	58375178	58376971
168 NA12802	[2515685 chr6	6	62338502	62343650	5149	2	-0.657257	0.108631	62334618	62342001	62342340	62344961
169 NA12802	[2515685 chr6	6	74648985	74654614	5630	10	-0.76931	0.050809	74648748	74649222	74653982	74655241
170 NA12802	[2515685 chr6	6	77495034	77513510	18477	12	-1.41384	0.062866	77493568	77496500	77510011	77517691
171 NA12802	[2515685 chr6	6	78326767	78328478	1712	2	-0.50832	0.098171	78325974	78327560	78328067	78328881
172 NA12802	[2515685 chr6	6	95345535	95349338	3804	5	-0.917381	0.076457	95345072	95345998	95348106	95350571
173 NA12802	[2515685 chr6	6	103844685	103852411	7727	2	3.38783	0.172794	103844347	103845023	103851178	10385364
174 NA12802	[2515685 chr6	6	103855469	103871201	15733	12	3.410088	0.106261	103854996	103855942	103868241	10387416
175 NA12802	[2515685 chr6	6	120671191	120671916	726	2	0.843898	0.115921	120670696	120671686	120671725	12067210
176 NA12802	[2515685 chr6	6	144112765	144114450	1686	2	-0.626642	0.106341	144112486	144113045	144114114	14411478
177 NA12802	[2515685 chr6	6	160997684	161038394	40711	67	0.325601	0.014525	160997465	160997903	161038184	16103860
178 NA12802	[2515685 chr6	6	161145792	161146736	945	2	-0.604792	0.097782	161145603	161145982	161146411	16114706
179 NA12802	[2515685 chr6	6	168152230	168344930	192701	198	0.421801	0.00917	168151798	168152663	168344541	16834531
180 NA12802	[2515685 chr6	6	168350213	168416639	66427	53	0.421801	0.00917	168349968	168350458	168416010	16841726
181 NA12802	[2515685 chr6	6	168453011	168456762	3752	3	0.614391	0.086592	168452611	168453411	168456200	16845732
182 NA12802	[2515685 chr6	6	170603879	170604666	788	2	-0.489938	0.092085	170603541	170604217	170604339	17060499
183 NA12802	[2515685 chr6	6	170625506	170627028	1523	3	1.608386	0.111892	170625015	170625997	170626579	17062747
184 NA12802	[2515685 chr6	6	170907234	170961492	54259	42	-0.377226	0.022958	170906392	170908077	170961439	17096154
185 NA12802	[2515685 chr7	7	3384111	3392458	8348	8	0.856824	0.058246	3383451	3384772	3390107	3395611
186 NA12802	[2515685 chr7	7	14024131	14025556	1426	5	-0.454105	0.069933	14023511	14024751	14025262	14025851
187 NA12802	[2515685 chr7	7	38154080	38177664	23585	27	-0.310718	0.027882	38153653	38154508	38177341	38177981
188 NA12802	[2515685 chr7	7	43775620	43789873	14254	17	0.446148	0.031959	43775434	43775807	43789550	43790191
189 NA12802	[2515685 chr7	7	43804424	43810179	5756	7	0.523105	0.054348	43804177	43804671	43809999	43810351
190 NA12802	[2515685 chr7	7	43833235	43837328	4094	4	0.505021	0.062704	43832564	43833907	43837294	43837361
191 NA12802	[2515685 chr7	7	64026650	64046357	19708	53	-0.258367	0.019199	64026367	64026934	64046143	64046571
192 NA12802	[2515685 chr7	7	64464087	64480934	16848	45	-0.255973	0.020858	64463669	64464506	64480451	64481411
193 NA12802	[2515685 chr7	7	64539824	64556662	16839	47	-0.260039	0.020047	64539348	64540300	64556244	64557081
194 NA12802	[2515685 chr7	7	71858493	71859326	834	2	-0.645787	0.08554	71858284	71858703	71858719	71859931
195 NA12802	[2515685 chr7	7	72014016	72014871	856	3	0.395343	0.071276	72013991	72014042	72014598	72015141
196 NA12802	[2515685 chr7	7	72156868	72157708	841	2	-0.645795	0.085541	72156657	72157079	72157095	72158321
197 NA12802	[2515685 chr7	7	73823778	73824413	636	3	0.376995	0.074583	73823755	73823801	73824363	73824461
198 NA12802	[2515685 chr7	7	74096901	74097754	854	3	0.395343	0.071276	74096630	74097173	74097729	74097781
199 NA12802	[2515685 chr7	7	74511185	74511943	759	3	0.395346	0.071276	74511009	74511362	74511918	74511961
200 NA12802	[2515685 chr7	7	74695370	74696139	770	3	-0.586358	0.074724	74695306	74695434	74695977	74696301
201 NA12802	[2515685 chr7	7	75789808	75794984	5177	6	-0.501137	0.063913	75789368	75790248	75794325	75795641
202 NA12802	[2515685 chr7	7	89455601	89456632	1032	2	3.722291	0.20753	89455373	89455830	89456225	89457031
203 NA12802	[2515685 chr7	7	97032078	97047344	15267	17	-1.548228	0.051926	97031625	97032531	97046973	97047711
204 NA12802	[2515685 chr7	7	101688537	101713406	24870	4	0.312105	0.059661	101684772	101690888	101713151	10171366
205 NA12802	[2515685 chr7	7	101718078	101925433	207356	305	0.323147	0.004628	101717515	101718641	101924670	10192619

206 NA12802	[2515685 chr7	7	104357758	104748830	391073	384	0.323147	0.004628	104357510	104358007	104747731	10474992
207 NA12802	[2515685 chr7	7	109034783	109048749	13967	10	1.425685	0.065694	109024063	109037134	109046953	10905054
208 NA12802	[2515685 chr7	7	109776378	109782655	6278	5	0.92509	0.079136	109775821	109776936	109782301	10978301
209 NA12802	[2515685 chr7	7	125639507	125644775	5269	6	-0.764621	0.078445	125639054	125639961	125644046	12564550
210 NA12802	[2515685 chr7	7	133245202	133257360	12159	13	1.694234	0.066646	133244207	133246197	133255009	13326093
211 NA12802	[2515685 chr7	7	141212522	141238966	26445	27	0.4172	0.029423	141211888	141213157	141238411	14123952
212 NA12802	[2515685 chr7	7	141496492	141505136	8645	11	-0.354096	0.04222	141495918	141497066	141504428	14150584
213 NA12802	[2515685 chr7	7	141505136	141521690	16555	20	-1.306267	0.046348	141504428	141505844	141521412	14152196
214 NA12802	[2515685 chr7	7	141521690	141527443	5754	9	-0.298587	0.04501	141521412	141521969	141527046	14152784
215 NA12802	[2515685 chr7	7	143346673	143348067	1395	5	-1.707771	0.076665	143346643	143346704	143347806	14334832
216 NA12802	[2515685 chr7	7	143348067	143472403	124337	234	0.282092	0.009241	143347806	143348328	143472142	14347266
217 NA12802	[2515685 chr7	7	143472403	143473797	1395	5	-1.707775	0.076665	143472142	143472664	143473766	14347382
218 NA12802	[2515685 chr7	7	154326166	154329090	2925	3	0.622896	0.081861	154325486	154326846	154328039	15433014
219 NA12802	[2515685 chr7	7	155886350	155893882	7533	5	-0.509241	0.065458	155885986	155886714	155893433	15589433
220 NA12802	[2515685 chr7	7	156939035	156942423	3389	5	0.312457	0.052082	156938932	156939138	156941474	15694337
221 NA12802	[2515685 chr7	7	157023614	157027930	4317	7	0.315034	0.051973	157023242	157023987	157027451	15702840
222 NA12802	[2515685 chr7	7	158207288	158209880	2593	2	0.914977	0.115578	158206344	158208233	158209333	15821042
223 NA12802	[2515685 chr7	7	158617060	158624379	7320	6	0.692427	0.065811	158617673	158617357	158622028	15862673
224 NA12802	[2515685 chr8	8	12903	67656	54754	46	-0.358803	0.02202	12850	12957	66815	68497
225 NA12802	[2515685 chr8	8	2202770	2203520	751	3	-1.330195	0.092543	2202506	2203034	2203382	220365
226 NA12802	[2515685 chr8	8	2238735	2253792	15058	10	0.742837	0.049928	2233839	2241488	2251039	225752
227 NA12802	[2515685 chr8	8	3982836	3984535	1700	2	-0.808425	0.119868	3982491	3983182	3984281	398478
228 NA12802	[2515685 chr8	8	3986302	3987764	1463	2	-1.377698	0.136968	3986021	3986584	3987365	398816
229 NA12802	[2515685 chr8	8	4819224	4821127	1904	2	-0.633901	0.112084	4818781	4819667	4820670	482158
230 NA12802	[2515685 chr8	8	5582875	5594011	11137	9	0.720152	0.049061	5582615	5583135	5592820	559520
231 NA12802	[2515685 chr8	8	6030888	6032618	1731	2	-0.5963	0.114699	6030599	6031178	6032363	603287
232 NA12802	[2515685 chr8	8	6813967	6815529	1563	2	-0.85714	0.106148	6813560	6814375	6815199	681586
233 NA12802	[2515685 chr8	8	7176337	7187950	11614	33	0.59222	0.025561	7176045	7176630	7187698	718820
234 NA12802	[2515685 chr8	8	7862281	7873897	11617	34	0.593633	0.024602	7862030	7862533	7873605	787419
235 NA12802	[2515685 chr8	8	8323488	8328118	4631	5	-0.832092	0.076814	8322712	8324265	8327620	832861
236 NA12802	[2515685 chr8	8	12023134	12035286	12153	33	0.580771	0.025776	12022997	12023272	12034973	1203559
237 NA12802	[2515685 chr8	8	12276602	12284041	7440	14	0.622045	0.038372	12276206	12276998	12283622	1228446
238 NA12802	[2515685 chr8	8	12308417	12314107	5691	9	-0.255701	0.039141	12307282	12309553	12313944	1231427
239 NA12802	[2515685 chr8	8	16332169	16933821	601653	581	0.828466	0.006416	16330605	16333733	16933614	1693402
240 NA12802	[2515685 chr8	8	20022286	20024771	2486	2	-1.068291	0.120085	20021082	20023491	20024338	2002520
241 NA12802	[2515685 chr8	8	58278355	58287850	9496	8	1.162185	0.050329	58277116	58279595	58287616	5828808
242 NA12802	[2515685 chr8	8	58294677	58296106	1430	2	0.828519	0.115067	58294070	58295284	58295669	5829654
243 NA12802	[2515685 chr8	8	72377031	72380286	3256	3	-0.52728	0.078766	72376214	72377848	72379847	7238072
244 NA12802	[2515685 chr8	8	85423649	85431920	8272	7	0.932043	0.060774	85423043	85424256	85431347	8543249
245 NA12802	[2515685 chr8	8	115148105	115149916	1812	2	-1.118901	0.134706	115147694	115148517	115149348	11515048
246 NA12802	[2515685 chr8	8	120222661	120229952	7292	6	0.843765	0.061725	120218251	120225414	120229434	12023047
247 NA12802	[2515685 chr9	9	1022	25626	24605	49	0.307098	0.020365	1	2044	25486	25766
248 NA12802	[2515685 chr9	9	12462510	12465843	3334	2	-0.676056	0.119092	12461944	12463076	12463483	1246884
249 NA12802	[2515685 chr9	9	19116223	19118304	2082	3	0.446265	0.081242	19115975	19116471	19117918	1911869
250 NA12802	[2515685 chr9	9	42074739	42078025	3287	6	-0.460994	0.052366	42074446	42075033	42077963	4207808
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252 NA12802	[2515685 chr9	9	42645007	42646038	1032	2	-0.571155	0.078751	42644851	42645163	42645769	4264630
253 NA12802	[2515685 chr9	9	42752844	42763929	11086	18	-0.329503	0.027167	42751520	42754168	42763499	4276435
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255 NA12802	[2515685 chr9	9	43720039	43721070	1032	2	-0.571155	0.078751	43719883	43720195	43721331	4372133
256 NA12802	[2515685 chr9	9	65482497	65506110	23614	34	-0.283184	0.021149	65432315	65484857	65505454	6550676
257 NA12802	[2515685 chr9	9	67142896	67179432	36537	57	-0.255991	0.017328	67142651	67143142	67179170	6717969
258 NA12802	[2515685 chr9	9	67647750	67684949	37200	65	-0.258018	0.01579	67647094	67648407	67684848	6768505
259 NA12802	[2515685 chr9	9	67870462	67906825	36364	66	-0.267868	0.015748	67869806	67871119	67906589	6790706
260 NA12802	[2515685 chr9	9	101795950	101804576	8627	7	-0.852228	0.061924	101795517	101796383	101803113	10180603

261 NA12802	[2515685 chr9	9	135438421	135444067	5647	2	2.133134	0.141201	135383632	135440781	135443016	13544511.
262 NA12802	[2515685 chr9	9	136943182	136952873	9692	6	-0.645844	0.064598	136942469	136943895	136950513	13696102
263 NA12802	[2515685 chr9	9	137520450	137524423	3974	6	-0.311878	0.061387	137520154	137520746	137524196	13752465
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265 NA12802	[2515685 chr10	10	170571	172369	1799	2	-0.792104	0.113189	170341	170801	171237	173501
266 NA12802	[2515685 chr10	10	6693908	6703893	9986	8	0.809771	0.056403	6692231	6695585	6703779	6704008
267 NA12802	[2515685 chr10	10	37487278	37527174	39897	61	-0.38566	0.015805	37486985	37487572	37526783	37527561
268 NA12802	[2515685 chr10	10	39089454	39103103	13650	29	-0.33878	0.026115	39089262	39089646	39102554	39103651
269 NA12802	[2515685 chr10	10	42016838	42031937	15100	28	-0.341689	0.026456	42015157	42018520	42031638	42032237
270 NA12802	[2515685 chr10	10	42559247	42565662	6416	10	-0.266317	0.045772	42558647	42559848	42565423	42565907
271 NA12802	[2515685 chr10	10	46112775	46132737	19963	35	-0.323438	0.020484	46112119	46113432	46132697	46132771
272 NA12802	[2515685 chr10	10	46182371	47173707	991337	1456	-0.334421	0.00345	46182194	46182549	47173507	47173907
273 NA12802	[2515685 chr10	10	47228616	47231502	2887	10	-0.440789	0.039803	47228514	47228719	47231201	47231807
274 NA12802	[2515685 chr10	10	47723238	47736622	13385	35	-0.469914	0.022882	47575187	47725982	47736534	47736711
275 NA12802	[2515685 chr10	10	47739640	47806251	66612	184	-0.302202	0.009629	47739505	47739775	47806074	47806421
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277 NA12802	[2515685 chr10	10	47888084	47889830	1747	6	-0.47732	0.051664	47887954	47888214	47889529	47890137
278 NA12802	[2515685 chr10	10	48572137	48715124	142988	287	-0.329838	0.007267	48571961	48572314	48714752	48715497
279 NA12802	[2515685 chr10	10	56117212	56139275	22064	20	-0.937853	0.034651	56115764	56118661	56138931	56139611
280 NA12802	[2515685 chr10	10	58183046	58193752	10707	10	-0.830303	0.053836	58182434	58183658	58191008	58204957
281 NA12802	[2515685 chr10	10	58879708	58882015	2308	5	-0.842726	0.078641	58879568	58879849	58881863	58882161
282 NA12802	[2515685 chr10	10	63379429	63495083	115655	2	0.574012	0.112959	63379563	63382173	63492339	63675797
283 NA12802	[2515685 chr10	10	81662845	81668479	5635	8	-0.294624	0.052341	81662614	81663077	81668415	81668547
284 NA12802	[2515685 chr10	10	88866216	88966295	100080	111	-0.348912	0.01297	88865617	88866816	88965910	88966681
285 NA12802	[2515685 chr10	10	114102241	114106477	4237	5	1.064461	0.076996	114101694	114102788	114105867	11410708
286 NA12802	[2515685 chr10	10	124348266	124366738	18473	24	-0.509745	0.024398	124348238	124348295	124366300	12436717
287 NA12802	[2515685 chr10	10	134168766	134170259	1494	17	-0.369266	0.037951	134168524	134169008	134170097	13417042
288 NA12802	[2515685 chr11	11	969654	971069	1416	2	0.633708	0.108009	969333	969976	970737	971401
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295 NA12802	[2515685 chr11	11	18906905	18928671	21767	30	0.890351	0.029075	18906533	18907278	18928457	18928881
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297 NA12802	[2515685 chr11	11	48284073	48284771	699	2	0.887767	0.094839	48283862	48284285	48284572	48284971
298 NA12802	[2515685 chr11	11	49665830	49715830	50001	36	0.470344	0.025386	49665251	49666410	49712748	49721987
299 NA12802	[2515685 chr11	11	55124101	55212650	88550	99	-0.737764	0.016238	55123742	55124460	55209568	55215751
300 NA12802	[2515685 chr11	11	73812690	73818580	5891	4	-0.434378	0.0774	73812400	73812981	73818213	73818947
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304 NA12802	[2515685 chr12	12	2112534	2127044	14511	15	0.610865	0.040147	2109107	2115961	2126809	2127271
305 NA12802	[2515685 chr12	12	6113530	6117052	3523	3	0.588812	0.098476	6111640	6115421	6116289	6117811
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316 NA12802	[2515685 chr13	13	31430484	31437209	6726	7	-0.65642 0.062377	31430130	31430838	31436488	31437937
317 NA12802	[2515685 chr13	13	33029571	33043421	13851	9	0.851911 0.055534	33000262	33034253	33042925	33043911
318 NA12802	[2515685 chr13	13	33852305	33853351	1047	2	-0.575165 0.102262	33852033	33852578	33853063	33853631
319 NA12802	[2515685 chr13	13	56611711	56645734	34024	47	0.610071 0.016402	56610946	56612477	56645321	56646147
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322 NA12802	[2515685 chr13	13	113079647	113086820	7174	3	0.63538 0.090699	113078890	113080404	113082138	11309434
323 NA12802	[2515685 chr14	14	18527136	18542743	15608	7	-0.74019 0.055685	18526373	18527899	18541619	18543867
324 NA12802	[2515685 chr14	14	18662441	18669222	6782	20	-0.324121 0.030096	18662216	18662666	18669049	18669391
325 NA12802	[2515685 chr14	14	19265232	19494842	229611	212	0.534817 0.010322	19261661	19268804	19494444	19495247
326 NA12802	[2515685 chr14	14	37868820	37873371	4552	6	-0.919407 0.070033	37868221	37869420	37873115	37873621
327 NA12802	[2515685 chr14	14	73063171	73073533	10363	10	0.295978 0.044794	73061866	73064476	73073266	73073801
328 NA12802	[2515685 chr14	14	73077249	73119729	42481	37	0.436185 0.024265	73076337	73078161	73118276	73121187
329 NA12802	[2515685 chr15	15	18539408	18565377	25970	26	-0.282722 0.024611	18539239	18539578	18563074	18572407
330 NA12802	[2515685 chr15	15	18842373	18849369	6997	12	-0.735109 0.043586	18842153	18842593	18848726	18850017
331 NA12802	[2515685 chr15	15	19019341	19024980	5640	10	-0.397928 0.037658	19019170	19019513	19024754	19025201
332 NA12802	[2515685 chr15	15	19463903	19466041	2139	2	0.624688 0.090006	19462767	19465039	19465387	19466691
333 NA12802	[2515685 chr15	15	19815355	19833276	17922	19	0.271532 0.033208	19812016	19817658	19832982	19833571
334 NA12802	[2515685 chr15	15	19843733	19844483	751	2	-0.690146 0.100675	19843516	19843950	19844295	19844677
335 NA12802	[2515685 chr15	15	19874952	19883216	8265	11	-0.337094 0.046029	19874718	19875187	19882739	19883697
336 NA12802	[2515685 chr15	15	20222440	20252359	29920	44	-0.318867 0.020601	20221745	20223135	20251841	20252877
337 NA12802	[2515685 chr15	15	20970321	20983811	13491	21	-0.339193 0.027912	20970312	20970331	20983585	20984037
338 NA12802	[2515685 chr15	15	21606753	21614601	7849	7	0.91787 0.068451	21606459	21607047	21612298	21636691
339 NA12802	[2515685 chr15	15	21883856	21896735	12880	14	0.328092 0.020602	21881407	21886159	21896535	21896931
340 NA12802	[2515685 chr15	15	21898127	21928308	30182	31	0.328092 0.020602	21898017	21898237	21927233	21929387
341 NA12802	[2515685 chr15	15	21930852	21952141	21290	15	-0.327671 0.038058	21929383	21932321	21950002	21954287
342 NA12802	[2515685 chr15	15	21982623	21983623	1001	2	-0.661574 0.110512	21982472	21982774	21983412	21983837
343 NA12802	[2515685 chr15	15	22038706	22329726	291021	308	0.421841 0.008322	22038510	22038902	22329388	22330067
344 NA12802	[2515685 chr15	15	22365004	22371468	6465	7	0.39328 0.051924	22364338	22365670	22371379	22371557
345 NA12802	[2515685 chr15	15	24986053	24992250	6198	7	0.780848 0.060131	24985426	24986680	24991680	24992821
346 NA12802	[2515685 chr15	15	26168435	26174839	6405	10	-0.301118 0.044206	26168147	26168723	26174441	26175237
347 NA12802	[2515685 chr15	15	32504316	32506176	1861	2	0.482744 0.018089	32503998	32504634	32505444	32506901
348 NA12802	[2515685 chr15	15	32515477	32592025	76549	64	0.482744 0.018089	32514954	32516000	32591791	32592261
349 NA12802	[2515685 chr15	15	32638982	32640064	1083	2	0.588456 0.101231	32638493	32639472	32639564	32640567
350 NA12802	[2515685 chr15	15	35705047	35707323	2277	3	0.457288 0.091397	35704626	35705468	35706791	35707851
351 NA12802	[2515685 chr15	15	75117585	75119946	2362	4	-1.566818 0.110003	75117343	75117827	75119741	75120157
352 NA12802	[2515685 chr15	15	80588100	80588985	886	2	-0.879644 0.082574	80587699	80588502	80588602	80589361
353 NA12802	[2515685 chr15	15	80982676	80983561	886	2	-0.879632 0.082574	80982275	80983078	80983178	80983394
354 NA12802	[2515685 chr15	15	83581911	83582575	665	2	-0.879644 0.082574	83581731	83582092	83582192	83582951
355 NA12802	[2515685 chr15	15	83685983	83688723	2741	2	-0.627795 0.113629	83684729	83687238	83687705	8368974
356 NA12802	[2515685 chr15	15	98234084	98240716	6633	8	0.850913 0.061201	98233842	98234327	98239350	98242087
357 NA12802	[2515685 chr15	15	100109640	100122682	13043	98	0.770951 0.011807	100108905	100110376	100122315	100123057
358 NA12802	[2515685 chr15	15	100264033	100337837	73805	65	0.348855 0.017772	100263857	100264210	100336759	10033891
359 NA12802	[2515685 chr16	16	948831	952527	3697	39	0.333157 0.017821	947314	950349	952191	952867
360 NA12802	[2515685 chr16	16	2638196	2640225	2030	3	-2.264734 0.141468	2637783	2638609	2639826	2640627
361 NA12802	[2515685 chr16	16	10107199	10109549	2351	3	0.420498 0.082533	10106939	10107460	10108971	10110121
362 NA12802	[2515685 chr16	16	16633469	16639120	5652	4	0.499044 0.072091	16632502	16634437	16638386	16639857
363 NA12802	[2515685 chr16	16	21475665	21502620	26956	19	0.360948 0.034017	21475438	21475893	21501101	21504147
364 NA12802	[2515685 chr16	16	22521651	22618743	97093	84	0.330574 0.015757	22521425	22521878	22617181	22620301
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366 NA12802	[2515685 chr16	16	28617225	28628077	10853	11	0.261354 0.044322	28615757	28618694	28627777	28628377
367 NA12802	[2515685 chr16	16	32150890	32200550	49661	117	-0.274073 0.011879	32150057	32151724	32200419	32200687
368 NA12802	[2515685 chr16	16	32210096	32219640	9545	19	0.296805 0.027435	32209551	32210641	32219531	32219747
369 NA12802	[2515685 chr16	16	32567958	32616183	48226	121	-0.295157 0.011655	32567582	32568335	32615350	32617017
370 NA12802	[2515685 chr16	16	33091854	33196051	104198	241	-0.288631 0.008159	33091021	33092688	33195879	33196227

371 NA12802	[2515685 chr16	16	33207215	33217055	9841	18	0.308375	0.028692	33206951	33207480	33216946	3321716!
372 NA12802	[2515685 chr16	16	33392689	33397742	5054	10	0.276364	0.042933	33392062	33393316	33397495	3339799!
373 NA12802	[2515685 chr16	16	33495147	33518572	23426	21	0.336535	0.031972	33494765	33495529	33518236	3351890!
374 NA12802	[2515685 chr16	16	33720146	33723491	3346	5	0.325151	0.062208	33716428	33722027	33723206	3372377!
375 NA12802	[2515685 chr16	16	34321825	34609074	287250	323	-0.460411	0.00836	34317185	34323706	34607193	3461732!
376 NA12802	[2515685 chr16	16	57204541	57207585	3045	3	4.410484	0.178064	57204170	57204913	57206938	5720823!
377 NA12802	[2515685 chr16	16	68704278	68746280	42003	45	-0.298779	0.021933	68704076	68704480	68745915	6874664!
378 NA12802	[2515685 chr16	16	84562720	84565235	2516	11	0.499305	0.043876	84561685	84563756	84565142	8456532!
379 NA12802	[2515685 chr17	17	911980	915554	3575	4	0.530085	0.077306	911452	912508	915413	91569!
380 NA12802	[2515685 chr17	17	966845	969578	2734	21	0.360412	0.034983	966537	967154	969378	96977!
381 NA12802	[2515685 chr17	17	18331739	18332345	607	2	-0.955613	0.109355	18331509	18331970	18331978	1833271!
382 NA12802	[2515685 chr17	17	20299935	20300531	597	2	-0.955613	0.109355	20299568	20300303	20300311	2030075!
383 NA12802	[2515685 chr17	17	21945626	21954909	9284	15	-0.353795	0.03759	21945338	21945915	21954628	2195519!
384 NA12802	[2515685 chr17	17	31540491	31561972	21482	37	-0.31217	0.020589	31540349	31540633	31561747	3156219!
385 NA12802	[2515685 chr17	17	31628632	31663546	34915	52	-0.287649	0.016871	31628413	31628852	31663313	3166378!
386 NA12802	[2515685 chr17	17	36675530	36685343	9814	10	-0.724988	0.0509	36675011	36676049	36684647	3668604!
387 NA12802	[2515685 chr17	17	40953332	40967307	13976	17	0.307186	0.033392	40952822	40953843	40967191	4096742!
388 NA12802	[2515685 chr17	17	41006614	41017119	10506	13	-0.270699	0.04202	41006215	41007013	41061872	4101736!
389 NA12802	[2515685 chr17	17	41747612	41762764	15153	15	0.36044	0.032555	41747392	41747832	41762258	4176327!
390 NA12802	[2515685 chr17	17	41775463	42137410	361948	397	0.443387	0.006217	41775199	41775728	42135210	4214194!
391 NA12802	[2515685 chr17	17	42905976	42908985	3010	2	0.840846	0.121776	42905585	42906368	42906957	4291101!
392 NA12802	[2515685 chr17	17	75223639	75225100	1462	4	-0.285087	0.055493	75223385	75223893	75224893	7522530!
393 NA12802	[2515685 chr18	18	14547645	14589883	42239	44	0.258014	0.022045	14547186	14548104	14589685	1459008!
394 NA12802	[2515685 chr18	18	14702025	14703577	1553	2	-0.687949	0.120431	14701431	14702619	14703103	1470405!
395 NA12802	[2515685 chr18	18	28142218	28143399	1182	2	0.822082	0.127193	28141854	28142583	28143055	2814374!
396 NA12802	[2515685 chr18	18	42797012	42815379	18368	21	-0.420751	0.029076	42796537	42797488	42810800	4288915!
397 NA12802	[2515685 chr18	18	61874791	61883105	8315	9	-0.846338	0.052877	61874483	61875100	61882738	6188347!
398 NA12802	[2515685 chr18	18	61917747	61920171	2425	4	2.931358	0.129641	61917522	61917973	61919646	6192069!
399 NA12802	[2515685 chr18	18	62058195	62062616	4422	6	-0.685825	0.06564	62057838	62058553	62062153	6206307!
400 NA12802	[2515685 chr18	18	74392800	74397377	4578	3	0.860947	0.104297	74390826	74394774	74396965	7439779!
401 NA12802	[2515685 chr19	19	14613	79338	64726	61	0.415731	0.018447	14437	14790	79338	79338
402 NA12802	[2515685 chr19	19	252671	255224	2554	8	0.253746	0.04871	251836	253507	254742	255707
403 NA12802	[2515685 chr19	19	310414	312953	2540	14	-0.474734	0.040069	309687	311142	312913	31299!
404 NA12802	[2515685 chr19	19	8704062	8705799	1738	2	0.472973	0.092341	8703659	8704466	8704912	870668!
405 NA12802	[2515685 chr19	19	8708780	8763535	54756	94	0.599937	0.012211	8708296	8709264	8763160	876391!
406 NA12802	[2515685 chr19	19	15622624	15636904	14281	6	-0.337432	0.063462	15621314	15623935	15636048	1563776!
407 NA12802	[2515685 chr19	19	20388989	20510144	121156	67	-0.465729	0.01902	20388802	20389176	20509558	2051073!
408 NA12802	[2515685 chr19	19	22931049	22934759	3711	3	0.728749	0.103205	22918199	22933577	22934546	2293497!
409 NA12802	[2515685 chr19	19	23007903	23013841	5939	6	0.801025	0.069724	22990964	23010431	23013525	2301415!
410 NA12802	[2515685 chr19	19	23108259	23109446	1188	2	-0.721333	0.130287	23107903	23108615	23108879	2311001!
411 NA12802	[2515685 chr19	19	23257205	23258538	1334	2	-0.817036	0.118836	23256882	23257529	23258213	2325886!
412 NA12802	[2515685 chr19	19	23597182	23600235	3054	5	-0.747791	0.069372	23596541	23597823	23599600	2360087!
413 NA12802	[2515685 chr19	19	39419837	39421349	1513	3	0.507606	0.093183	39419616	39420059	39421018	3942168!
414 NA12802	[2515685 chr19	19	40540866	40541878	1013	3	-0.849715	0.08967	40540646	40541086	40541551	4054220!
415 NA12802	[2515685 chr19	19	40543556	40545135	1580	3	-2.443809	0.139389	40543292	40543821	40544782	4054548!
416 NA12802	[2515685 chr19	19	40547370	40553596	6227	2	-4.222303	0.251136	40546632	40548109	40553353	4055384!
417 NA12802	[2515685 chr19	19	40553596	40554347	752	2	-0.634115	0.101205	40553353	40553840	40554020	4055467!
418 NA12802	[2515685 chr19	19	41532761	41540854	8094	2	-0.827212	0.128909	41532090	41533433	41538691	4154301!
419 NA12802	[2515685 chr19	19	45412775	45413556	782	2	-0.5851	0.099316	45412566	45412985	45413285	4541382!
420 NA12802	[2515685 chr19	19	48406765	48454177	47413	26	0.254838	0.028269	48406231	48407299	48453993	4845436!
421 NA12802	[2515685 chr19	19	53100142	53151974	51833	98	-0.383285	0.011726	53098980	53101305	53151638	5315231!
422 NA12802	[2515685 chr19	19	55285877	55336157	50281	104	-0.379553	0.011308	55285730	55286025	55335244	5533707!
423 NA12802	[2515685 chr19	19	56824422	56841964	17543	21	-0.495176	0.031009	56824136	56824709	56841608	5684232!
424 NA12802	[2515685 chr19	19	58209430	58245460	36031	28	-0.31669	0.027241	58208997	58209863	58245024	5824589!
425 NA12802	[2515685 chr19	19	59249340	59252061	2722	4	0.924079	0.081035	59249084	59249597	59251854	5925226!



426 NA12802	[2515685 chr19	19	59790498	59792413	1916	2	0.736856	0.098904	59790016	59790980	59791458	59793361
427 NA12802	[2515685 chr19	19	59939483	59993327	53845	66	0.284453	0.017792	59939167	59939799	59993019	59993631
428 NA12802	[2515685 chr19	19	60026704	60039807	13104	17	0.28384	0.034822	60025232	60028176	60039278	60040331
429 NA12802	[2515685 chr19	19	60044873	60052442	7570	8	0.384798	0.051533	60043738	60046008	60052027	60052851
430 NA12802	[2515685 chr19	19	60058975	60069367	10393	6	0.310629	0.058247	60058682	60059268	60069010	60069721
431 NA12802	[2515685 chr20	20	15249645	15251805	2161	2	-0.866676	0.104748	15249381	15249909	15251287	15252321
432 NA12802	[2515685 chr20	20	26147697	26161501	13805	23	-0.34473	0.030165	26147451	26147944	26161227	26161771
433 NA12802	[2515685 chr20	20	59951513	59957050	5538	18	1.53776	0.04025	59950681	59952345	59956538	59957561
434 NA12802	[2515685 chr20	20	62066380	62068214	1835	8	0.936079	0.05571	62066146	62066615	62067671	62068751
435 NA12802	[2515685 chr20	20	62233505	62235897	2393	4	0.427013	0.056656	62232847	62234163	62235101	62236691
436 NA12802	[2515685 chr21	21	13738548	13739792	1245	2	-0.91077	0.115105	13738070	13739027	13739487	13740091
437 NA12802	[2515685 chr22	22	15726344	15763303	36960	23	-0.262908	0.028348	15724940	15727749	15761604	15765001
438 NA12802	[2515685 chr22	22	17032140	17135187	103048	158	-0.270561	0.018080	17031480	17032801	17134882	17135491
439 NA12802	[2515685 chr22	22	17225268	17246485	21218	48	-0.279369	0.019684	17224868	17225668	17246147	17246821
440 NA12802	[2515685 chr22	22	17385504	17394963	9460	17	-0.258803	0.036012	17385031	17385977	17394595	17395331
441 NA12802	[2515685 chr22	22	18714933	18967030	252098	243	-0.299412	0.009001	18714633	18715233	18966730	18967331
442 NA12802	[2515685 chr22	22	19380073	19419484	39412	12	-0.343819	0.041647	19377752	19382395	19416806	19449921
443 NA12802	[2515685 chr22	22	20002496	20121795	119300	164	-0.288005	0.011092	20002065	20002927	20121548	20122041
444 NA12802	[2515685 chr22	22	20137248	20209861	72614	105	-0.329188	0.014086	20136561	20137935	20209409	20210311
445 NA12802	[2515685 chr22	22	22672624	22720154	47531	48	0.920167	0.025634	22672391	22672858	22719882	22720421
446 NA12802	[2515685 chr22	22	33619409	33622591	3183	4	0.860085	0.074735	33618939	33619879	33622541	33622641
447 NA12802	[2515685 chr22	22	37617530	37624009	6480	8	-0.804903	0.058184	37616333	37618728	37621331	37627051
1 NA18537	[2515685 chr1	1	29401	71292	41892	51	0.303591	0.020281	27752	31050	70533	72052
2 NA18537	[2515685 chr1	1	435144	435732	589	2	-0.804903	0.112345	435109	435179	435179	436286
3 NA18537	[2515685 chr1	1	601047	612159	11113	7	-1.096238	0.060272	587801	604315	610122	614196
4 NA18537	[2515685 chr1	1	631948	663935	31988	50	-0.264759	0.020443	631772	632125	663652	664218
5 NA18537	[2515685 chr1	1	1596828	1715812	118985	86	0.295667	0.015461	1595897	1597760	1715548	1716076
6 NA18537	[2515685 chr1	1	12843376	12855470	12095	22	0.30525	0.030768	12843104	12843649	12855210	12855731
7 NA18537	[2515685 chr1	1	12884329	12886858	2530	4	0.518769	0.065945	12884224	12884434	12886536	12887181
8 NA18537	[2515685 chr1	1	12926542	12926956	415	2	-0.680349	0.115484	12926307	12926778	12926804	12927101
9 NA18537	[2515685 chr1	1	13069202	13074923	5722	4	-0.615809	0.073213	13015127	13072470	13074668	13075171
10 NA18537	[2515685 chr1	1	13086012	13091899	5888	3	-0.732777	0.080011	13085102	13086922	13091561	13092231
11 NA18537	[2515685 chr1	1	13159940	13162706	2767	4	0.546439	0.063074	13159618	13160263	13162366	13163041
12 NA18537	[2515685 chr1	1	13216105	13221017	4913	6	-0.332621	0.052326	13214189	13218021	13220643	13221391
13 NA18537	[2515685 chr1	1	13229863	13236812	6950	3	-0.630582	0.076657	13228358	13231368	13236616	13237001
14 NA18537	[2515685 chr1	1	13380737	13383503	2767	4	0.546439	0.063074	13380415	13381060	13383163	13383884
15 NA18537	[2515685 chr1	1	13436941	13441853	4913	6	-0.332621	0.052326	13435025	13438857	13441479	13442221
16 NA18537	[2515685 chr1	1	13451600	13457066	5467	2	-0.621958	0.086872	13451001	13452200	13456679	13457451
17 NA18537	[2515685 chr1	1	16547682	16555358	7677	9	-0.27607	0.045893	16547030	16548335	16555011	16555701
18 NA18537	[2515685 chr1	1	16975906	17025696	49791	53	-0.310492	0.020524	16975406	16976406	17025553	17025841
19 NA18537	[2515685 chr1	1	25329004	25381274	52271	50	0.252423	0.016375	25328634	25329374	25380813	25381731
20 NA18537	[2515685 chr1	1	25391148	25409301	18154	24	0.252423	0.016375	25390773	25391523	25408840	25409761
21 NA18537	[2515685 chr1	1	25434181	25439981	5801	14	0.254639	0.039146	25433990	25434373	25438920	25441041
22 NA18537	[2515685 chr1	1	31389309	31391602	2294	2	-0.717026	0.092959	31389069	31389549	31390654	31392551
23 NA18537	[2515685 chr1	1	103934476	103939709	5234	8	0.284766	0.049161	103934188	103934764	103937206	10394221
24 NA18537	[2515685 chr1	1	105728161	105735462	7302	8	-0.876789	0.060405	105727820	105728503	105734532	10573639
25 NA18537	[2515685 chr1	1	108514938	108565175	50238	59	0.341311	0.019643	108514864	108515012	108565023	10856532
26 NA18537	[2515685 chr1	1	108638096	108688767	50672	60	0.33833	0.01941	108637939	108638254	108688693	10868884
27 NA18537	[2515685 chr1	1	109936541	109953240	16700	22	0.431091	0.031061	109935803	109937279	109952761	109953721
28 NA18537	[2515685 chr1	1	109954457	109955935	1479	2	0.707615	0.140282	109954248	109954666	109955709	10995616
29 NA18537	[2515685 chr1	1	116870606	116915240	44635	54	-0.429755	0.020142	116869172	116872040	116914887	11691559
30 NA18537	[2515685 chr1	1	141971552	141976719	5168	17	0.287104	0.031902	141971472	141971633	141976542	14197689
31 NA18537	[2515685 chr1	1	142743633	142745273	1641	3	0.533052	0.089996	142743472	142743794	142745023	14274552
32 NA18537	[2515685 chr1	1	145100273	145105440	5168	16	0.303642	0.033659	145100193	145100354	145105263	14510561
33 NA18537	[2515685 chr1	1	145819541	145821079	1539	2	0.792088	0.109621	145819262	145819821	145820633	14582152

34 NA18537	[2515685 chr1	1	145827606	145840436	12831	10	0.363959	0.047098	145827316	145827896	145840201	14584067
35 NA18537	[2515685 chr1	1	145929568	145951531	21964	26	0.410975	0.028728	145929405	145929732	145951467	14595159
36 NA18537	[2515685 chr1	1	146194735	146211089	16355	31	0.282612	0.026329	146193262	146196209	146210889	14621129
37 NA18537	[2515685 chr1	1	148144685	148222098	77414	11	0.472873	0.016435	148142960	148146411	148220778	14822341
38 NA18537	[2515685 chr1	1	148998878	149005918	7041	83	0.384042	0.036916	148998401	148999355	149004680	14900715
39 NA18537	[2515685 chr1	1	149573821	149583431	9611	5	0.93061	0.075925	149573460	149574182	149582912	14958395
40 NA18537	[2515685 chr1	1	171527310	171533429	6120	6	-0.69621	0.063771	171526198	171528423	171533245	17153361
41 NA18537	[2515685 chr1	1	193526999	193528128	1130	2	-0.678546	0.116243	193526808	193527191	193527932	19352832
42 NA18537	[2515685 chr1	1	204210291	204215744	5454	8	0.332948	0.051584	204210088	204210494	204215470	20421601
43 NA18537	[2515685 chr1	1	209390853	209402508	11656	9	-0.704908	0.053272	209390492	209391215	209401777	20940323
44 NA18537	[2515685 chr1	1	218764845	218768272	3428	4	-0.623012	0.075515	218764601	218765090	218767017	21876952
45 NA18537	[2515685 chr1	1	236719047	236720968	1922	3	-0.887497	0.090694	236718751	236719344	236720749	23672118
46 NA18537	[2515685 chr1	1	239368545	239498531	129987	15	-0.389086	0.038498	239368239	239368851	239496181	23950088
47 NA18537	[2515685 chr1	1	244932880	244935913	3034	5	-0.483861	0.069654	244932708	244933053	244935811	24493601
48 NA18537	[2515685 chr2	2	6280657	6286347	5691	2	0.748915	0.111039	6279100	6282214	6284835	628785
49 NA18537	[2515685 chr2	2	13670484	13672861	2378	2	0.893985	0.138794	13670292	13670676	13672526	1367319
50 NA18537	[2515685 chr2	2	34606445	34641571	35127	38	0.793762	0.025786	34601818	34609397	34641330	3464181
51 NA18537	[2515685 chr2	2	35896478	35905931	9454	3	-0.843086	0.085381	35879425	35899430	35902979	3590982
52 NA18537	[2515685 chr2	2	37869648	37911473	41826	43	-0.425153	0.022438	37869077	37870220	37911214	3791173
53 NA18537	[2515685 chr2	2	52661573	52696869	35297	26	-3.206911	0.054504	52661218	52661928	52696416	5269732
54 NA18537	[2515685 chr2	2	58735266	58736833	1568	2	-0.563523	0.088094	58734865	58735667	58736407	5873725
55 NA18537	[2515685 chr2	2	66416834	66420210	3377	2	-1.724327	0.116742	66416385	66417284	66419065	6642135
56 NA18537	[2515685 chr2	2	78544735	78546977	2243	2	-0.515245	0.095821	78544410	78545061	78545542	7854841
57 NA18537	[2515685 chr2	2	81751114	81752136	1023	2	-0.535954	0.102886	81750837	81751392	81751912	8175236
58 NA18537	[2515685 chr2	2	87473293	87478765	5473	9	0.315901	0.047077	87472060	87474526	87478435	8747909
59 NA18537	[2515685 chr2	2	87488932	87497574	8643	10	-0.282833	0.045114	87487289	87490576	87496929	8749822
60 NA18537	[2515685 chr2	2	87981684	88098957	117274	10	0.30415	0.046334	87965922	87984636	88097049	8810086
61 NA18537	[2515685 chr2	2	91337090	91347855	10766	16	-0.260256	0.037071	91334271	91339909	91347601	9134811
62 NA18537	[2515685 chr2	2	91383084	91393586	10503	24	-0.283976	0.028806	91382981	91383187	91392231	9139494
63 NA18537	[2515685 chr2	2	91541233	91596805	55573	67	-0.317638	0.017751	91541071	91541396	91596409	9159720
64 NA18537	[2515685 chr2	2	94950643	94955741	5099	5	0.520347	0.071132	94950345	94950941	94955271	9495621
65 NA18537	[2515685 chr2	2	97184386	97189734	5349	2	-0.795196	0.102129	97182781	97185992	97186782	9719672
66 NA18537	[2515685 chr2	2	97613796	97614932	1137	2	0.917911	0.122278	97613553	97614040	97614467	9761539
67 NA18537	[2515685 chr2	2	110157508	110161820	4313	9	-0.322914	0.04905	110157208	110157809	110161721	11016191
68 NA18537	[2515685 chr2	2	110516755	110520869	4115	9	-0.322915	0.04905	110516656	110516854	110520751	11052098
69 NA18537	[2515685 chr2	2	111696774	111699147	2374	16	0.413714	0.033902	111696413	111697136	111698899	11169939
70 NA18537	[2515685 chr2	2	123193457	123198547	5091	4	-2.89049	0.136558	123193121	123193793	123198337	12319875
71 NA18537	[2515685 chr2	2	126159437	126168349	8913	3	-0.876345	0.086109	126158494	126160381	126168048	12616865
72 NA18537	[2515685 chr2	2	129315180	129318908	3729	2	-0.468619	0.086872	129314923	129315438	129316040	12932177
73 NA18537	[2515685 chr2	2	129354604	129360182	5579	4	-1.171307	0.086232	129354317	129354892	129357659	12936270
74 NA18537	[2515685 chr2	2	130410671	130425589	14919	10	-0.466419	0.048607	130410236	130411106	130423487	13042769
75 NA18537	[2515685 chr2	2	131684327	131685563	1237	2	-0.554222	0.088826	131684045	131684610	131684966	13168616
76 NA18537	[2515685 chr2	2	132846945	132869393	22449	14	0.252321	0.038808	132846760	132847131	132868979	13286980
77 NA18537	[2515685 chr2	2	153495551	153499409	3859	2	0.728424	0.117184	153484545	153498503	153498846	15349997
78 NA18537	[2515685 chr2	2	153622711	153625256	2546	3	0.913066	0.091335	153621175	153624247	153625088	15362542
79 NA18537	[2515685 chr2	2	179342191	179354090	11900	16	-0.347653	0.037618	179341856	179342527	179353696	17935448
80 NA18537	[2515685 chr2	2	195804965	195809805	4841	5	-0.450347	0.06793	195803577	195806354	195809355	19581025
81 NA18537	[2515685 chr2	2	208176479	208184457	7979	7	0.89817	0.058394	208176093	208176865	208183930	20818498
82 NA18537	[2515685 chr2	2	242664580	242668683	4104	10	1.903966	0.046556	242664284	242664877	242668532	24266883
83 NA18537	[2515685 chr3	3	204650	209394	4745	4	0.806873	0.076181	202918	206383	209009	209775
84 NA18537	[2515685 chr3	3	587432	638425	50994	44	-0.30521	0.022162	586921	587943	638149	638701
85 NA18537	[2515685 chr3	3	1757211	1765703	8493	2	0.806129	0.119394	1756096	1758327	1762058	179730
86 NA18537	[2515685 chr3	3	13227589	13229260	1672	2	-0.624599	0.112997	13227279	13227899	13228399	1323012
87 NA18537	[2515685 chr3	3	41574298	41578539	4242	2	-0.888969	0.116408	41573753	41574843	41575292	4158178
88 NA18537	[2515685 chr3	3	68821474	68830847	9374	17	-2.241044	0.058662	68818894	68824055	68830417	6883127

89 NA18537	[2515685 chr3	3	75742562	75901036	158475	83	-0.262401	0.015776	75740085	75745040	75900650	7590142;
90 NA18537	[2515685 chr3	3	141750174	141753455	3282	5	-0.408087	0.072652	141749720	141750628	141753182	14175372;
91 NA18537	[2515685 chr3	3	163994592	164106273	111682	106	2.278003	0.025744	163993392	163995793	164106029	16410651
92 NA18537	[2515685 chr3	3	164200660	164205886	5227	5	-3.339442	0.138999	164200187	164201133	164204674	16420709
93 NA18537	[2515685 chr3	3	176561952	176567506	5555	5	-0.899454	0.073274	176560250	176563654	176563991	17656902
94 NA18537	[2515685 chr3	3	190846156	190852181	6026	4	-0.954612	0.076168	190845504	190846809	190850598	19085376
95 NA18537	[2515685 chr3	3	191219813	191223326	3514	4	-2.148271	0.109888	191219291	191220336	191222918	19122373
96 NA18537	[2515685 chr3	3	192547659	192554331	6673	9	0.894803	0.053083	192546950	192548368	192554127	19255453
97 NA18537	[2515685 chr3	3	196679304	196713768	34465	36	0.519023	0.022316	196677636	196680972	196711768	19671576
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99 NA18537	[2515685 chr3	3	196994475	197002965	8491	10	0.85155	0.047346	196994054	196994896	197002044	19700388
100 NA18537	[2515685 chr3	3	197691083	197694225	3143	4	-0.863797	0.085268	197690629	197691538	197693350	19769510
101 NA18537	[2515685 chr3	3	198422794	198427408	4615	2	1.016131	0.125053	198422381	198423207	198423959	19843085
102 NA18537	[2515685 chr3	3	198871725	198882515	10791	14	-0.254733	0.039357	198871537	198871913	198882172	19888285
103 NA18537	[2515685 chr4	4	728045	731845	3801	2	0.525691	0.104575	727736	728355	731532	732155
104 NA18537	[2515685 chr4	4	9001573	9046719	45147	86	0.547774	0.01378	9001243	9001903	9046129	904730;
105 NA18537	[2515685 chr4	4	9299471	9308037	8567	6	-0.484799	0.063749	9295439	9302535	9306599	9309470
106 NA18537	[2515685 chr4	4	9812346	9813108	763	33	0.752331	0.023061	9812284	9812408	9812952	981326;
107 NA18537	[2515685 chr4	4	9887220	9911397	24178	31	1.685684	0.039599	9886886	9887555	9910388	991240;
108 NA18537	[2515685 chr4	4	34602797	34650994	48198	45	0.820909	0.024471	34601994	34603600	34649535	3465245
109 NA18537	[2515685 chr4	4	40593181	40685486	92306	4	0.418922	0.076552	40590540	40595822	40682422	4077803;
110 NA18537	[2515685 chr4	4	49056481	49080998	24518	41	-0.296539	0.023266	49056267	49056695	49080923	4908107;
111 NA18537	[2515685 chr4	4	49400316	49405298	4983	28	-0.303447	0.02677	49400246	49400386	49405298	4940529;
112 NA18537	[2515685 chr4	4	52667078	52667948	871	2	-0.656672	0.113648	52666901	52667255	52667713	5266818
113 NA18537	[2515685 chr4	4	63500376	63504889	4514	5	-3.671382	0.156085	63494261	63503440	63504639	6350514
114 NA18537	[2515685 chr4	4	70206173	70423568	217396	221	0.301949	0.010197	70205193	70207154	70420504	7043341;
115 NA18537	[2515685 chr4	4	115534212	115541546	7335	9	0.90324	0.05621	115530015	115537276	115539984	11554310
116 NA18537	[2515685 chr4	4	116524394	116534652	10259	12	-0.81569	0.045642	116523990	116524798	116534384	11653492
117 NA18537	[2515685 chr4	4	133536194	133540723	4530	3	-0.645436	0.097612	133531398	133539258	133540462	13354098
118 NA18537	[2515685 chr4	4	138537751	138549906	12156	14	0.933623	0.046746	138537443	138538059	138547414	13855239
119 NA18537	[2515685 chr4	4	142588136	142590500	2365	4	-0.674647	0.079811	142587774	142588498	142590303	14259069
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121 NA18537	[2515685 chr4	4	153147415	153151949	4535	5	-0.650389	0.068232	153146836	153147995	153151358	15315254
122 NA18537	[2515685 chr4	4	155038793	155039879	1087	2	0.63209	0.110012	155038408	155039178	155039565	15504019
123 NA18537	[2515685 chr4	4	169184442	169368370	183929	162	0.768911	0.012479	169184090	169184794	169366713	16937002
124 NA18537	[2515685 chr4	4	172750241	172755216	4976	2	-3.387763	0.281439	172748887	172751596	172753256	17275717
125 NA18537	[2515685 chr4	4	173799832	173807319	7488	6	-2.728943	0.125505	173799464	173800201	173804255	17381134
126 NA18537	[2515685 chr4	4	185533276	185534552	1277	2	0.927151	0.126507	185532696	185533857	185534150	18553495
127 NA18537	[2515685 chr4	4	185535274	185544849	9576	9	1.002986	0.053989	185534955	185535593	185543276	18554642
128 NA18537	[2515685 chr4	4	186816666	186818678	2013	3	4.499497	0.218319	186816420	186816912	186818307	18681904
129 NA18537	[2515685 chr4	4	187728494	187732907	4414	15	1.378382	0.045284	187728193	187728795	187732541	18773327
130 NA18537	[2515685 chr4	4	188255523	188269680	14158	235	1.016571	0.009223	188255215	188255831	188269403	18826995
131 NA18537	[2515685 chr4	4	189123030	189390667	267638	3	-0.737965	0.091854	189020755	189126094	189387603	18943972
132 NA18537	[2515685 chr4	4	189799455	189805517	6063	9	-0.267528	0.048145	189799180	189799730	189805016	18980601
133 NA18537	[2515685 chr4	4	190528602	190533163	4562	21	-0.901288	0.035061	190528058	190529146	190531664	19053466
134 NA18537	[2515685 chr4	4	191315489	191387774	72286	31	-0.294799	0.024945	191175736	191318553	191384710	19139251
135 NA18537	[2515685 chr5	5	104264	105617	1354	2	0.714081	0.106006	104036	104493	105236	105995
136 NA18537	[2515685 chr5	5	520743	521684	942	5	0.893217	0.076092	520428	521059	521427	521942
137 NA18537	[2515685 chr5	5	779034	794009	14976	7	0.301786	0.054498	778799	779270	793784	794235
138 NA18537	[2515685 chr5	5	810517	820048	9532	12	0.375015	0.044679	809997	811038	819824	820272
139 NA18537	[2515685 chr5	5	843378	855931	12554	9	0.305628	0.049663	841706	845051	855519	856343
140 NA18537	[2515685 chr5	5	1075284	1079920	4637	24	0.451035	0.029128	1074709	1075859	1079566	108027;
141 NA18537	[2515685 chr5	5	1122995	1126517	3523	38	0.563358	0.021385	1122772	1123219	1126389	112664
142 NA18537	[2515685 chr5	5	1223248	1223930	683	5	1.12116	0.067311	1223057	1223439	1223854	122400;
143 NA18537	[2515685 chr5	5	1231558	1233247	1690	2	-0.949346	0.102877	1231167	1231949	1232879	123361;

144 NA18537	[2515685 chr5	5	3711017	3713468	2452	3	-0.877398	0.092211	3710011	3712024	3713223	3713713
145 NA18537	[2515685 chr5	5	19410747	19412172	1426	3	0.721333	0.082381	19410189	19411305	19411980	19412361
146 NA18537	[2515685 chr5	5	21539354	21556393	17040	34	0.273073	0.023341	21538825	21539883	21556081	21556701
147 NA18537	[2515685 chr5	5	21971730	22050956	79227	122	0.256425	0.012712	21971258	21972202	22050370	22051543
148 NA18537	[2515685 chr5	5	26831997	26837938	5942	6	0.714618	0.066285	26829858	26834136	26837469	26838401
149 NA18537	[2515685 chr5	5	34214373	34229603	15231	40	-0.270436	0.021852	34214196	34214550	34229417	34229791
150 NA18537	[2515685 chr5	5	68865200	68873710	8511	16	0.397693	0.022916	68864770	68865630	68873207	68874211
151 NA18537	[2515685 chr5	5	68875552	68886836	11285	24	0.397693	0.022916	68875435	68875670	68886492	68887181
152 NA18537	[2515685 chr5	5	69254509	69309060	54552	108	0.27007	0.006144	69254301	69254717	69308952	69309161
153 NA18537	[2515685 chr5	5	69312166	69469180	157015	217	0.27007	0.006144	69312092	69312240	69469105	69469251
154 NA18537	[2515685 chr5	5	69472287	69526776	54490	114	0.27007	0.006144	69472178	69472396	69526569	69526981
155 NA18537	[2515685 chr5	5	70129558	70184131	54574	95	0.267253	0.009343	70129350	70129766	70184023	70184241
156 NA18537	[2515685 chr5	5	70187238	70254947	67710	92	0.267253	0.009343	70187163	70187313	70254593	70255301
157 NA18537	[2515685 chr5	5	70259320	70290648	31329	29	0.503498	0.02332	70256777	70261863	70287456	70294911
158 NA18537	[2515685 chr5	5	70403953	70415506	11554	22	0.421519	0.023389	70403337	70404569	70415389	70415621
159 NA18537	[2515685 chr5	5	70417349	70426554	9206	16	0.421519	0.023389	70416846	70417852	70425419	70427681
160 NA18537	[2515685 chr5	5	70462208	70464475	2268	6	0.412877	0.054542	70462032	70462385	70464318	70464631
161 NA18537	[2515685 chr5	5	70472601	70525910	53310	100	0.289104	0.012883	70472492	70472710	70525636	70526181
162 NA18537	[2515685 chr5	5	81459213	81466055	6843	2	-1.388099	0.124469	81455614	81462405	81462863	81470281
163 NA18537	[2515685 chr5	5	93928460	93933101	4642	4	-0.487129	0.078651	93927706	93929215	93931984	93934211
164 NA18537	[2515685 chr5	5	97427204	97428353	1150	2	0.926107	0.114037	97426913	97427496	97428177	97428521
165 NA18537	[2515685 chr5	5	99409393	99419037	9645	13	-0.698667	0.042754	99408997	99409789	99418328	99419741
166 NA18537	[2515685 chr5	5	99737846	99756720	18875	39	-0.267462	0.022787	99737509	99738184	99756474	99756961
167 NA18537	[2515685 chr5	5	137835848	137844134	8287	7	0.557388	0.060311	137835611	137836085	137843310	13784495
168 NA18537	[2515685 chr5	5	140203081	140218928	15848	20	1.920888	0.050485	140202344	140203819	140218508	14021934
169 NA18537	[2515685 chr5	5	140534849	140540106	5258	5	0.46121	0.065663	140534700	140534999	140539007	14054120
170 NA18537	[2515685 chr5	5	150157909	150161837	3929	6	-0.782612	0.066549	150157286	150158532	150161621	15016205
171 NA18537	[2515685 chr5	5	150183322	150203801	20480	11	-1.74229	0.061076	150181427	150185218	150203451	15020415
172 NA18537	[2515685 chr5	5	175454835	175456556	1722	4	-0.38473	0.069328	175454671	175455000	175456320	17545679
173 NA18537	[2515685 chr5	5	178994494	178994971	478	2	-0.505525	0.094562	178994223	178994766	178994768	17899517
174 NA18537	[2515685 chr5	5	179016786	179017263	478	2	-0.505526	0.094562	179016582	179016990	179016992	17901753
175 NA18537	[2515685 chr5	5	180754439	180755027	589	2	-0.804903	0.112345	180754404	180754474	180754474	18075558
176 NA18537	[2515685 chr6	6	24421	25010	590	2	-0.804903	0.112345	23867	24975	24975	25045
177 NA18537	[2515685 chr6	6	201823	327656	125834	129	-0.418465	0.012993	201415	202232	326993	328320
178 NA18537	[2515685 chr6	6	26764826	26766683	1858	2	-0.839058	0.114524	26764639	26765013	26766181	26767181
179 NA18537	[2515685 chr6	6	26960263	26976094	15832	34	-0.266895	0.024464	26959735	26960792	26975842	26976341
180 NA18537	[2515685 chr6	6	29958572	30001639	43068	38	0.389859	0.021665	29957670	29959474	30001478	30001801
181 NA18537	[2515685 chr6	6	30006099	30011802	5704	4	0.389859	0.021665	30005363	30006836	30011083	30012521
182 NA18537	[2515685 chr6	6	30894016	30896514	2499	2	0.577206	0.101116	30893640	30894392	30895190	30897831
183 NA18537	[2515685 chr6	6	31383567	31419859	36293	20	-0.564515	0.034434	31383185	31383949	31418034	31421681
184 NA18537	[2515685 chr6	6	32059701	32120318	60618	71	0.253877	0.015741	32059402	32060000	32120306	32120331
185 NA18537	[2515685 chr6	6	32557126	32603035	45910	38	0.354777	0.011776	32556948	32557305	32601735	32604331
186 NA18537	[2515685 chr6	6	32612720	32680751	68032	57	0.354777	0.011776	32611897	32613543	32680547	32680951
187 NA18537	[2515685 chr6	6	32712337	32740139	27803	30	0.354777	0.011776	32712193	32712482	32739828	32740451
188 NA18537	[2515685 chr6	6	32743058	32744343	1286	2	0.354777	0.011776	32742538	32743578	32744136	32744551
189 NA18537	[2515685 chr6	6	32775535	32777812	2278	3	0.500597	0.091061	32775260	32775810	32777125	32778491
190 NA18537	[2515685 chr6	6	35862833	35874426	11594	13	0.391743	0.040628	35862530	35863136	35873957	35874891
191 NA18537	[2515685 chr6	6	62338502	62343650	5149	2	-0.828135	0.112623	62334618	62342001	62342340	62344961
192 NA18537	[2515685 chr6	6	66455162	66461833	6672	5	-0.814915	0.07767	66454046	66456278	66461410	66462251
193 NA18537	[2515685 chr6	6	74648985	74654614	5630	10	-0.769136	0.049781	74648748	74649222	74653982	74655241
194 NA18537	[2515685 chr6	6	77495034	77513510	18477	12	0.703867	0.046767	77493568	77496500	77510011	77517691
195 NA18537	[2515685 chr6	6	79023318	79093263	69946	70	0.803428	0.018949	79022028	79024609	79091909	79094611
196 NA18537	[2515685 chr6	6	83039643	83166049	126407	2	-0.57953	0.09825	82896954	83043142	83162550	83301501
197 NA18537	[2515685 chr6	6	102041093	102046055	4963	6	-0.793152	0.067397	102040642	102041544	102045198	10204691
198 NA18537	[2515685 chr6	6	115492959	115494541	1583	2	1.006851	0.127507	115492678	115493240	115494140	11549494

199 NA18537	[2515685 chr6	6	120671191	120671916	726	2	1.190349	0.118626	120670696	120671686	120671725	12067210
200 NA18537	[2515685 chr6	6	144112765	144114450	1686	2	-0.536036	0.106426	144112486	144113045	144114114	14411478
201 NA18537	[2515685 chr6	6	160056728	160058998	2271	2	-0.790356	0.094679	160055808	160057648	160058322	16005967
202 NA18537	[2515685 chr6	6	160669265	160684114	14850	5	-0.345341	0.06651	160669012	160669519	160683867	16068436
203 NA18537	[2515685 chr6	6	160997684	161038394	40711	67	0.400243	0.015733	160997465	160997903	161038184	16103860
204 NA18537	[2515685 chr6	6	161145792	161146736	945	2	-0.49255	0.095096	161145603	161145982	161146411	16114706
205 NA18537	[2515685 chr6	6	162704749	162713380	8632	7	-0.947461	0.059607	162704136	162705363	162710796	16271596
206 NA18537	[2515685 chr6	6	170603879	170604666	788	2	-0.912208	0.098683	170603541	170604217	170604339	17060499
207 NA18537	[2515685 chr6	6	170897081	170897669	589	2	-0.804903	0.112345	170897046	170897116	170897116	17089822
208 NA18537	[2515685 chr7	7	928371	930663	2293	6	-0.373728	0.060283	928117	928626	930382	930945
209 NA18537	[2515685 chr7	7	3384111	3392456	8346	8	0.900079	0.058273	3383451	3384772	3390107	339561!
210 NA18537	[2515685 chr7	7	14024131	14025556	1426	5	-0.44533	0.069497	14023511	14024751	14025262	1402585!
211 NA18537	[2515685 chr7	7	38154080	38177664	23585	27	-0.300309	0.027913	38153653	38154508	38177341	3817798!
212 NA18537	[2515685 chr7	7	43775620	43789873	14254	17	0.329781	0.033301	43775434	43775807	43789550	4379019!
213 NA18537	[2515685 chr7	7	56649338	56651954	2617	2	-0.661257	0.11436	56649103	56649574	56651681	5665222!
214 NA18537	[2515685 chr7	7	57511485	57524163	12679	14	-0.279228	0.039243	57510966	57512005	57523428	5752489!
215 NA18537	[2515685 chr7	7	62254472	62255088	617	4	0.524981	0.068935	62254309	62254635	62254924	6225525!
216 NA18537	[2515685 chr7	7	62302079	62302696	618	4	0.524997	0.068936	62301915	62302243	62302533	6230285!
217 NA18537	[2515685 chr7	7	64028465	64046357	17893	49	-0.2582	0.020478	64027806	64029125	64046143	6404657
218 NA18537	[2515685 chr7	7	64463334	64481591	18258	47	-0.259419	0.020796	64462999	64463669	64481417	6448176!
219 NA18537	[2515685 chr7	7	64713145	64714537	1393	2	0.659291	0.107569	64712394	64713896	64714365	6471470!
220 NA18537	[2515685 chr7	7	69869623	69871056	1434	2	2.6663	0.160936	69869269	69869978	69870420	6987169!
221 NA18537	[2515685 chr7	7	71858493	71859326	834	2	-0.751395	0.090305	71858284	71858703	71858719	7185993!
222 NA18537	[2515685 chr7	7	72014016	72014871	856	3	0.497965	0.074595	72013991	72014042	72014598	7201514
223 NA18537	[2515685 chr7	7	72028825	72029840	1016	3	-0.464586	0.074789	72028799	72028852	72029780	7202990!
224 NA18537	[2515685 chr7	7	72156868	72157708	841	2	-0.751397	0.090305	72156657	72157079	72157095	7215832
225 NA18537	[2515685 chr7	7	73823778	73824682	905	4	0.436064	0.069248	73823755	73823801	73824463	7382490!
226 NA18537	[2515685 chr7	7	74081890	74082904	1015	3	-0.464584	0.074789	74081830	74081950	74082878	7408293
227 NA18537	[2515685 chr7	7	74096901	74097754	854	3	0.497965	0.074595	74096630	74097173	74097729	7409778!
228 NA18537	[2515685 chr7	7	74511185	74511943	759	3	0.49797	0.074595	74511009	74511362	74511918	7451196!
229 NA18537	[2515685 chr7	7	74695370	74696139	770	3	-0.65363	0.077796	74695306	74695434	74695977	7469630!
230 NA18537	[2515685 chr7	7	76347035	76352770	5736	7	-0.330238	0.057292	76346697	76347374	76352456	7635308!
231 NA18537	[2515685 chr7	7	89455601	89456632	1032	2	4.67984	0.235243	89455373	89455830	89456225	8945703!
232 NA18537	[2515685 chr7	7	92971481	92976895	5415	4	0.668679	0.084801	92971060	92971903	92975569	9297822
233 NA18537	[2515685 chr7	7	99513362	99513912	551	2	0.494372	0.093882	99513133	99513592	99513623	9951420!
234 NA18537	[2515685 chr7	7	101731796	101746499	14704	16	0.36148	0.033281	101731584	101732009	101745864	10174713
235 NA18537	[2515685 chr7	7	101752166	101759251	7086	10	0.550542	0.040394	101751400	101752933	101759229	10175927
236 NA18537	[2515685 chr7	7	101768898	101770034	1137	2	0.563496	0.086872	101768621	101769176	101769652	10177041
237 NA18537	[2515685 chr7	7	101779678	101784928	5251	7	0.312777	0.05156	101778717	101780639	101784747	10178511
238 NA18537	[2515685 chr7	7	101831025	101845706	14682	17	0.353018	0.032167	101830813	101831238	101845083	10184632
239 NA18537	[2515685 chr7	7	101851360	101858816	7457	10	0.550541	0.040393	101850594	101852127	101858540	10185909
240 NA18537	[2515685 chr7	7	101868236	101869373	1138	2	0.563496	0.086872	101867960	101868513	101868990	10186975
241 NA18537	[2515685 chr7	7	101879030	101884158	5129	7	0.301199	0.051964	101878111	101879950	101883977	10188434
242 NA18537	[2515685 chr7	7	109034785	109048749	13965	10	2.061507	0.069907	109024063	109037134	109046953	10905054
243 NA18537	[2515685 chr7	7	109776378	109782655	6278	5	0.894406	0.077425	109775821	109776936	109782301	10978301!
244 NA18537	[2515685 chr7	7	125639507	125644775	5269	6	-0.737595	0.074171	125639054	125639961	125644046	12564550
245 NA18537	[2515685 chr7	7	133245202	133257358	12157	13	2.33369	0.070316	133244207	133246197	133255009	13326093
246 NA18537	[2515685 chr7	7	141496492	141505136	8645	11	-0.420585	0.043975	141495918	141497066	141504428	14150584
247 NA18537	[2515685 chr7	7	141505136	141521152	16017	19	-1.447354	0.048091	141504428	141505844	141520892	14152141
248 NA18537	[2515685 chr7	7	141521152	141526577	5426	9	-0.446798	0.047665	141520892	141521412	141526109	14152704
249 NA18537	[2515685 chr7	7	141697343	141717179	19837	23	-0.521194	0.032239	141696957	141697729	141716743	14171761
250 NA18537	[2515685 chr7	7	141962017	141982352	20336	26	-0.775334	0.031412	141961693	141962342	141981888	14198281
251 NA18537	[2515685 chr7	7	141982352	141993247	10896	11	-0.322865	0.042598	141981888	141982817	141992651	14199384
252 NA18537	[2515685 chr7	7	143346673	143348067	1395	5	-0.906215	0.065387	143346643	143346704	143347806	14334832
253 NA18537	[2515685 chr7	7	143387399	143388805	1407	3	0.520076	0.089269	143387189	143387610	143388471	14338914

254 NA18537	[2515685 chr7	7	143472403	143473797	1395	5	-0.906215	0.065387	143472142	143472664	143473766	14347382
255 NA18537	[2515685 chr7	7	156939035	156942423	3389	5	0.292469	0.055896	156938932	156939138	156941474	15694337
256 NA18537	[2515685 chr7	7	158617060	158624377	7318	6	0.782771	0.065757	158616763	158617357	158622028	15862672
257 NA18537	[2515685 chr8	8	77165	77751	587	2	-0.804903	0.112345	76612	77719	77719	77784
258 NA18537	[2515685 chr8	8	345497	346408	912	2	0.686269	0.111375	345046	345949	346376	346440
259 NA18537	[2515685 chr8	8	1328256	1343509	15254	45	-0.55837	0.020079	1327688	1328824	1342795	1344224
260 NA18537	[2515685 chr8	8	2238734	2253793	15060	10	0.78361	0.050349	2233839	2241488	2251039	2257520
261 NA18537	[2515685 chr8	8	3885315	3887416	2102	2	0.545246	0.105454	3885089	3885542	3886275	3888558
262 NA18537	[2515685 chr8	8	4110204	4112526	2323	2	3.123099	0.215587	4109692	4110717	4112031	4113027
263 NA18537	[2515685 chr8	8	5582875	5594011	11137	9	0.769166	0.049217	5582615	5583135	5592820	5595203
264 NA18537	[2515685 chr8	8	6095061	6152525	57465	60	0.527473	0.019723	6094686	6095436	6151950	6153100
265 NA18537	[2515685 chr8	8	6813967	6815529	1563	2	-0.829661	0.103691	6813560	6814375	6815199	6815860
266 NA18537	[2515685 chr8	8	7177227	7187950	10724	31	0.457814	0.026333	7177183	7177271	7187698	7188207
267 NA18537	[2515685 chr8	8	7223627	7238102	14476	22	-0.45178	0.031123	7223006	7224249	7237841	7238363
268 NA18537	[2515685 chr8	8	7816935	7828144	11210	13	-0.359516	0.039063	7816630	7817240	7827558	7828730
269 NA18537	[2515685 chr8	8	7862281	7873897	11617	34	0.449034	0.024746	7862030	7862533	7873605	7874190
270 NA18537	[2515685 chr8	8	12023134	12034819	11686	32	0.452127	0.026162	12022997	12023272	12034665	12034977
271 NA18537	[2515685 chr8	8	12275692	12284041	8350	16	0.474161	0.036174	12275477	12275908	12283622	12284467
272 NA18537	[2515685 chr8	8	16245461	16251509	6049	6	-0.761523	0.066346	16245129	16245794	16250812	16252207
273 NA18537	[2515685 chr8	8	20022286	20024771	2486	2	-1.360606	0.127853	20021082	20023491	20024338	20025207
274 NA18537	[2515685 chr8	8	39351178	39506673	155496	162	0.768689	0.012652	39350826	39351530	39505284	39508067
275 NA18537	[2515685 chr8	8	58276887	58287850	10964	9	0.387782	0.044865	58276659	58277116	58287616	58288087
276 NA18537	[2515685 chr8	8	72377031	72380286	3256	3	-0.63615	0.082938	72376214	72377848	72379847	72380721
277 NA18537	[2515685 chr8	8	85423649	85431920	8272	7	0.915871	0.059373	85423043	85424256	85431347	85432497
278 NA18537	[2515685 chr8	8	86742169	86910255	168087	99	0.566989	0.013151	86741757	86742581	86910002	86910509
279 NA18537	[2515685 chr8	8	115702151	115715317	13167	12	-0.80223	0.046726	115701237	115703065	115712563	115718747
280 NA18537	[2515685 chr8	8	120222660	120229952	7293	6	0.830241	0.061569	120218251	120225414	120229434	120230477
281 NA18537	[2515685 chr9	9	19116223	19118304	2082	3	0.432468	0.082595	19115975	19116471	19117918	19118699
282 NA18537	[2515685 chr9	9	28836246	28838385	2140	2	-0.957158	0.103202	28835879	28836613	28837661	28839110
283 NA18537	[2515685 chr9	9	33783006	33795723	12718	15	-0.345052	0.038497	33782372	33783640	33794335	33797117
284 NA18537	[2515685 chr9	9	39587311	39588551	1241	6	-0.48756	0.057967	39587155	39587467	39588377	39588720
285 NA18537	[2515685 chr9	9	39814186	39815652	1467	2	-0.783559	0.09745	39814035	39814337	39814733	39816577
286 NA18537	[2515685 chr9	9	39897569	40011174	113606	122	0.260004	0.012296	39897473	39897666	40011032	40011310
287 NA18537	[2515685 chr9	9	40491521	40562079	70559	143	0.269817	0.011473	40491324	40491719	40561983	40562170
288 NA18537	[2515685 chr9	9	40948415	40960158	11744	27	-0.295153	0.026218	40948376	40948455	40959990	40960327
289 NA18537	[2515685 chr9	9	41193344	41199633	6290	5	0.343473	0.067597	41193015	41193673	41199476	41199799
290 NA18537	[2515685 chr9	9	41505659	41567331	61673	122	0.259228	0.012227	41505565	41505754	41567235	41567420
291 NA18537	[2515685 chr9	9	41649237	41650704	1468	2	-0.78356	0.09745	41648318	41650157	41650553	41650850
292 NA18537	[2515685 chr9	9	41895986	41897020	1035	2	-0.648947	0.094829	41895482	41896490	41896539	41897507
293 NA18537	[2515685 chr9	9	42074739	42075878	1140	3	-0.496328	0.076154	42074446	42075033	42075634	42076127
294 NA18537	[2515685 chr9	9	42154375	42216052	61678	126	0.258773	0.012003	42154279	42154472	42215957	42216147
295 NA18537	[2515685 chr9	9	42294372	42295383	1012	3	-0.615647	0.075068	42294164	42294581	42295231	42295530
296 NA18537	[2515685 chr9	9	42645007	42646038	1032	2	-0.923375	0.086872	42644851	42645163	42645769	42646307
297 NA18537	[2515685 chr9	9	42754727	42756705	1979	3	-0.87257	0.076348	42754385	42755070	42755767	42757647
298 NA18537	[2515685 chr9	9	42875403	42877381	1979	3	-0.87257	0.076348	42875061	42875746	42876443	42878320
299 NA18537	[2515685 chr9	9	43436200	43436687	488	2	-0.648947	0.094829	43435899	43436502	43436551	43436827
300 NA18537	[2515685 chr9	9	43513306	43514318	1013	3	-0.615647	0.075068	43513098	43513515	43514166	43514470
301 NA18537	[2515685 chr9	9	43626816	43749082	122267	109	-0.257863	0.012204	43626293	43627340	43748824	43749347
302 NA18537	[2515685 chr9	9	43868217	43869609	1393	2	-0.547982	0.100502	43868064	43868371	43869410	43869800
303 NA18537	[2515685 chr9	9	44153357	44153558	202	2	-0.659416	0.111499	44153348	44153366	44153395	44153727
304 NA18537	[2515685 chr9	9	45778237	45783515	5279	4	-0.349259	0.069755	45778095	45778380	45782930	45784100
305 NA18537	[2515685 chr9	9	65050952	65051963	1012	3	-0.615647	0.075068	65050800	65051104	65051754	65052177
306 NA18537	[2515685 chr9	9	65309543	65309744	202	2	-0.659419	0.111499	65309534	65309552	65309581	65309907
307 NA18537	[2515685 chr9	9	66005782	66012061	6280	5	0.343473	0.067597	66005453	66006111	66011904	66012210
308 NA18537	[2515685 chr9	9	66162290	66165979	3690	4	-0.386245	0.069762	66162260	66162320	66165070	66166880

309 NA18537	[2515685 chr9	9	66230851	66231052	202	2	-0.659419	0.111499	66230842	66230860	66230889	6623121!
310 NA18537	[2515685 chr9	9	80878260	80879919	1660	2	0.630397	0.099561	80877780	80878740	80879539	8088029!
311 NA18537	[2515685 chr9	9	84052817	84144717	91901	2	-0.756991	0.108655	83978854	84055177	84142357	8424869
312 NA18537	[2515685 chr9	9	89405187	89407924	2738	2	-0.924752	0.112833	89404572	89405803	89407164	8940868!
313 NA18537	[2515685 chr9	9	112902065	112930027	27963	39	0.503569	0.021	112901557	112902574	112929804	11293025!
314 NA18537	[2515685 chr9	9	135438421	135444067	5647	2	2.326494	0.144739	135383632	135440781	135443016	13544511.
315 NA18537	[2515685 chr10	10	5774008	5776028	2021	2	0.519758	0.091596	5773697	5774319	5775323	577673!
316 NA18537	[2515685 chr10	10	6693908	6703893	9986	8	0.833519	0.056031	6692231	6695585	6703779	670400!
317 NA18537	[2515685 chr10	10	20036833	20038315	1483	2	-0.820112	0.116113	20036464	20037202	20038007	2003862!
318 NA18537	[2515685 chr10	10	37483833	37484967	1135	2	0.509313	0.096792	37483539	37484127	37484579	3748535!
319 NA18537	[2515685 chr10	10	37487278	37489219	1942	4	0.510532	0.070557	37486985	37487572	37488997	3748944!
320 NA18537	[2515685 chr10	10	37491079	37527174	36096	55	0.562171	0.01769	37490689	37491470	37526783	3752756!
321 NA18537	[2515685 chr10	10	39018739	39076570	57832	81	-0.323534	0.016022	39018645	39018833	39076095	3907704!
322 NA18537	[2515685 chr10	10	46130305	46132961	2657	8	-0.508961	0.046951	46129754	46130857	46132792	4613313
323 NA18537	[2515685 chr10	10	46252395	46255144	2750	8	-0.396448	0.046642	46252240	46252551	46254847	4625544!
324 NA18537	[2515685 chr10	10	46573472	46590960	17489	54	-0.391199	0.018641	46573197	46573748	46590783	4659113!
325 NA18537	[2515685 chr10	10	46733199	46735286	2088	4	-0.485375	0.064532	46733044	46733355	46734925	4673564!
326 NA18537	[2515685 chr10	10	47054506	47174077	119572	168	-0.416613	0.011455	47053719	47055294	471743907	4717424!
327 NA18537	[2515685 chr10	10	47220005	47232618	12614	49	-0.399573	0.019483	47219903	47220107	47232307	4723293!
328 NA18537	[2515685 chr10	10	47878214	47903146	24933	67	-0.359229	0.016375	47878209	47878220	47902876	4790341!
329 NA18537	[2515685 chr10	10	48516837	48520295	3459	7	-0.47306	0.050807	48516285	48517390	48519325	4852126!
330 NA18537	[2515685 chr10	10	48569041	48569551	511	2	0.685667	0.096172	48568656	48569426	48569482	4856962!
331 NA18537	[2515685 chr10	10	48642141	48644239	2099	5	-0.448313	0.057131	48641986	48642297	48643877	4864460!
332 NA18537	[2515685 chr10	10	51129602	51132551	2950	6	-0.50282	0.055803	51128757	51130447	51132382	5113272!
333 NA18537	[2515685 chr10	10	51157418	51161093	3676	6	-0.507427	0.056404	51157207	51157629	51160825	5116136!
334 NA18537	[2515685 chr10	10	55112552	55116963	4412	3	0.568759	0.092306	55112120	55112985	55116041	5511788!
335 NA18537	[2515685 chr10	10	56117212	56139275	22064	20	-0.911312	0.034712	56115764	56118661	56138931	5613961!
336 NA18537	[2515685 chr10	10	59387509	59389307	1799	3	0.439549	0.084413	59387256	59387762	59389096	5938951!
337 NA18537	[2515685 chr10	10	63379429	63495083	115655	2	0.659749	0.110755	63326563	63382173	63492339	6367579!
338 NA18537	[2515685 chr10	10	66977355	66985193	7839	8	-0.810341	0.060518	66976803	66977908	66984894	6698549!
339 NA18537	[2515685 chr10	10	70951158	70960432	9275	5	-2.562336	0.109364	70949290	70953027	70960215	7096065!
340 NA18537	[2515685 chr10	10	82466846	82474750	7905	8	-0.922188	0.058939	82466426	82467267	82472006	8247854!
341 NA18537	[2515685 chr10	10	88825014	88826359	1346	2	-0.579807	0.096879	88824774	88825254	88826134	8882658!
342 NA18537	[2515685 chr10	10	114102241	114106477	4237	5	1.032948	0.076096	114101694	114102788	114105867	11410708!
343 NA18537	[2515685 chr10	10	124336365	124341749	5385	6	0.532114	0.06395	124335581	124337149	124341238	12434226!
344 NA18537	[2515685 chr10	10	124348266	124366738	18473	24	-0.355724	0.026349	124348238	124348295	124366300	12436717!
345 NA18537	[2515685 chr10	10	133620593	133623003	2411	5	0.408325	0.064617	133620379	133620807	13362658	13362334!
346 NA18537	[2515685 chr10	10	134924761	134926337	1577	16	0.33301	0.039675	134924706	134924816	134926184	13492649!
347 NA18537	[2515685 chr11	11	47046	77364	30319	29	-0.28522	0.026638	43965	50126	77161	77567
348 NA18537	[2515685 chr11	11	831591	841833	10243	12	-0.251858	0.044431	830951	832232	841608	84205!
349 NA18537	[2515685 chr11	11	969654	972693	3040	3	0.515466	0.084162	969333	969976	971401	97398!
350 NA18537	[2515685 chr11	11	3628748	3632795	4048	6	-2.411921	0.089919	3625722	3631775	3632594	363299!
351 NA18537	[2515685 chr11	11	5741269	5765993	24725	33	2.066061	0.039548	5741059	5741480	5765632	576635!
352 NA18537	[2515685 chr11	11	5849480	5895282	45803	47	0.564601	0.022226	5849172	5849788	5892202	590499!
353 NA18537	[2515685 chr11	11	11780222	11782174	1953	2	-0.750595	0.107241	11779958	11780486	11781057	1178329!
354 NA18537	[2515685 chr11	11	11831868	11833089	1222	2	0.974168	0.125897	11831412	11832324	11832853	1183332!
355 NA18537	[2515685 chr11	11	18906905	18928671	21767	30	0.407758	0.027294	18906533	18907278	18928457	1892888!
356 NA18537	[2515685 chr11	11	28965605	28969186	3582	5	2.802739	0.138095	28965284	28965927	28968702	2896967!
357 NA18537	[2515685 chr11	11	48284073	48284771	699	2	0.930483	0.098539	48283862	48284285	48284572	4828497!
358 NA18537	[2515685 chr11	11	49042267	49048304	6038	15	-0.336508	0.037683	49042139	49042396	49048149	4904846!
359 NA18537	[2515685 chr11	11	49665830	49715828	49999	36	0.46243	0.025192	49665251	49666410	49712748	4972198!
360 NA18537	[2515685 chr11	11	54906516	54907879	1364	2	-0.494275	0.098786	54905945	54907087	54907702	5490805!
361 NA18537	[2515685 chr11	11	55124101	55212648	88548	99	-2.238788	0.024642	55123742	55124460	55209568	5521575!
362 NA18537	[2515685 chr11	11	58566484	58611261	44778	47	0.344969	0.021363	58566228	58566741	58610975	5861154!
363 NA18537	[2515685 chr11	11	60721034	60772727	51694	69	0.456865	0.015822	60720112	60721956	60772548	6077290!

364 NA18537	[2515685 chr11	11	73812690	73818580	5891	4	-0.423583	0.076868	73812400	73812981	73818213	73818947
365 NA18537	[2515685 chr11	11	85981700	85984113	2414	3	-0.650273	0.093311	85981147	85982254	85983791	85984431
366 NA18537	[2515685 chr11	11	88254238	88303948	49711	44	0.25619	0.022861	88254017	88254459	88303762	88304131
367 NA18537	[2515685 chr11	11	89110903	89112381	1479	2	-0.647964	0.102429	89110649	89111158	89112027	89112731
368 NA18537	[2515685 chr11	11	89139592	89141786	2195	3	-0.566702	0.083759	89139097	89140087	89141238	89142337
369 NA18537	[2515685 chr11	11	89260124	89266247	6124	10	-0.829042	0.049348	89259811	89260437	89265993	89266507
370 NA18537	[2515685 chr11	11	89323920	89330042	6123	12	-0.834223	0.045831	89323666	89324175	89329729	89330351
371 NA18537	[2515685 chr11	11	89443831	89450293	6463	8	-0.361466	0.053352	89443289	89444373	89449639	89450941
372 NA18537	[2515685 chr11	11	113977904	114022346	44443	50	0.251708	0.020585	113976911	113978897	114022068	11402262
373 NA18537	[2515685 chr11	11	134107699	134112290	4592	5	0.738955	0.067587	134106591	134108808	134111845	13411273
374 NA18537	[2515685 chr12	12	398598	404873	6276	14	-0.261488	0.034265	398035	399161	401600	408146
375 NA18537	[2515685 chr12	12	737326	744802	7477	8	0.963558	0.054395	737064	737588	744211	745394
376 NA18537	[2515685 chr12	12	2112534	2127044	14511	15	0.607809	0.039839	2109107	2115961	2126809	2127279
377 NA18537	[2515685 chr12	12	3175419	3177521	2103	2	-0.833949	0.115954	3174811	3176028	3176684	3178358
378 NA18537	[2515685 chr12	12	6113530	6117052	3523	3	0.554821	0.095448	6111640	6115421	6116289	6117816
379 NA18537	[2515685 chr12	12	9439936	9445623	5688	9	0.326767	0.046988	9439574	9440298	9445247	9446000
380 NA18537	[2515685 chr12	12	9527659	9610804	83146	91	0.719438	0.017246	9526872	9528447	9610082	9611526
381 NA18537	[2515685 chr12	12	9617501	9624971	7471	7	0.444676	0.056462	9617287	9617716	9623223	9626720
382 NA18537	[2515685 chr12	12	9646423	9649697	3275	4	0.374431	0.072974	9646154	9646692	9649433	9649967
383 NA18537	[2515685 chr12	12	11397201	11463223	66023	67	-0.288358	0.018005	11396895	11397507	11459990	1146645
384 NA18537	[2515685 chr12	12	30193719	30197709	3991	2	-0.529818	0.096235	30190617	30196822	30197365	30198057
385 NA18537	[2515685 chr12	12	31155331	31161854	6524	7	0.316737	0.054727	31155092	31155571	31161033	31162671
386 NA18537	[2515685 chr12	12	31166636	31244780	78145	74	0.426747	0.017465	31164617	31168656	31244217	31245347
387 NA18537	[2515685 chr12	12	36209452	36221304	11853	12	-0.293921	0.039636	36200442	36212944	36220304	36222307
388 NA18537	[2515685 chr12	12	69156920	69167888	10969	11	0.75741	0.047029	69138649	69160412	69164396	69215017
389 NA18537	[2515685 chr12	12	78656134	78665261	9128	9	-0.483088	0.05089	78654687	78657582	78664736	78665787
390 NA18537	[2515685 chr12	12	130428781	130438310	9530	13	0.410141	0.04022	130428492	130429071	130437525	13043909
391 NA18537	[2515685 chr12	12	130445662	130446755	1094	2	0.705466	0.100642	130445294	130446031	130446367	13044714
392 NA18537	[2515685 chr12	12	130462377	130477472	15096	16	0.411723	0.038204	130461895	130462859	130477065	130477878
393 NA18537	[2515685 chr12	12	130493699	130508710	15012	22	0.422655	0.03205	130493061	130494337	130508466	130508977
394 NA18537	[2515685 chr12	12	130777013	130778340	1328	2	-0.481094	0.09472	130776667	130777359	130778020	13077866
395 NA18537	[2515685 chr12	12	130781181	130782379	1199	2	0.618182	0.108278	130780827	130781536	130781966	13078279
396 NA18537	[2515685 chr12	12	130798727	130802870	4144	5	0.454749	0.065121	130798268	130799187	130801345	13080439
397 NA18537	[2515685 chr12	12	130818451	130826244	7794	5	0.461105	0.063162	130817974	130818928	130826017	13082647
398 NA18537	[2515685 chr12	12	130834495	130913585	79091	105	0.444818	0.014605	130834279	130834711	130913275	13091389
399 NA18537	[2515685 chr12	12	131045346	131046250	905	2	-0.5838	0.103963	131044859	131045834	131046129	13104637
400 NA18537	[2515685 chr13	13	25947233	25950398	3166	3	0.370548	0.146236	25946194	25948272	25949415	25951387
401 NA18537	[2515685 chr13	13	31430484	31437209	6726	7	-0.721039	0.062193	31430130	31430838	31436488	31437937
402 NA18537	[2515685 chr13	13	33029574	33043421	13848	9	0.921213	0.055576	33000262	33034253	33042925	33043911
403 NA18537	[2515685 chr13	13	33862844	33865211	2368	2	0.635951	0.115059	33862283	33863405	33864905	33865511
404 NA18537	[2515685 chr13	13	36971484	36983475	11992	10	-0.803291	0.051768	36969416	36973552	36982905	36984041
405 NA18537	[2515685 chr13	13	69633905	69673289	39385	41	0.815587	0.024621	69633412	69634399	69672985	69673597
406 NA18537	[2515685 chr13	13	108337834	108341316	3483	4	-0.392127	0.075631	108337567	108338101	108340968	10834166
407 NA18537	[2515685 chr13	13	109215660	109217089	1430	5	-0.551485	0.056494	109215230	109216090	109216885	10921729
408 NA18537	[2515685 chr13	13	110502383	110503129	747	3	-0.88829	0.095656	110502225	110502541	110502890	11050336
409 NA18537	[2515685 chr13	13	113079647	113086817	7171	3	0.580192	0.08784	113078890	113080404	113082138	11309434
410 NA18537	[2515685 chr14	14	18527136	18542743	15608	7	-1.304045	0.0618	18526373	18527899	18541619	18543867
411 NA18537	[2515685 chr14	14	18659517	18670509	10993	23	-0.25724	0.028656	18656819	18662216	18670023	18670997
412 NA18537	[2515685 chr14	14	19195978	19197014	1037	2	-1.106728	0.092541	19195970	19195986	19195633	19197491
413 NA18537	[2515685 chr14	14	19254367	19494842	240476	223	-0.426666	0.010009	19254200	19254535	19494444	19495247
414 NA18537	[2515685 chr14	14	19619355	19625484	6130	3	3.743554	0.198834	19612261	19624114	19625018	19625951
415 NA18537	[2515685 chr14	14	32022775	32026140	3366	2	-1.177333	0.122484	32022274	32023276	32023749	32028537
416 NA18537	[2515685 chr14	14	42059344	42062997	3654	2	0.706418	0.116	42056485	42062203	42062601	42063397
417 NA18537	[2515685 chr14	14	43571343	43602213	30871	26	-0.823328	0.032958	43571042	43571644	43598358	43606067
418 NA18537	[2515685 chr14	14	73063171	73072157	8987	8	0.314961	0.050506	73061866	73064476	73071829	73072487



419 NA18537	[2515685 chr14	14	73075916	73117243	41328	37	0.465834	0.024899	73075495	73076337	73116211	73118271
420 NA18537	[2515685 chr14	14	104766812	104778505	11694	145	-0.257819	0.011384	104766457	104767167	104778286	10477872
421 NA18537	[2515685 chr15	15	18690378	18773037	82660	94	-0.339839	0.014706	18690036	18690720	18772364	18773710
422 NA18537	[2515685 chr15	15	18840785	18850769	9985	14	0.269597	0.038248	18839417	18842153	18850013	1885152
423 NA18537	[2515685 chr15	15	19798316	20090833	292518	296	-0.402558	0.008638	19798190	19798443	20090578	2009108
424 NA18537	[2515685 chr15	15	20229743	20234328	4586	11	0.257809	0.042568	20229703	20229783	202033781	2023487
425 NA18537	[2515685 chr15	15	20475783	20477325	1543	2	-0.508965	0.093469	20475140	20476426	20477073	2047757
426 NA18537	[2515685 chr15	15	21606753	21614599	7847	7	0.87533	0.066752	21606459	21607047	21612298	2163669
427 NA18537	[2515685 chr15	15	22223326	22225868	2543	2	-0.513298	0.09599	22223191	22223462	22224115	2222762
428 NA18537	[2515685 chr15	15	24986053	24992250	6198	7	0.852239	0.060534	24985426	24986680	24991680	24992820
429 NA18537	[2515685 chr15	15	26331811	26345610	13800	26	0.254666	0.026708	26331265	26332358	26345348	2634587
430 NA18537	[2515685 chr15	15	26892423	26895337	2915	2	-0.647819	0.116006	26892183	26892664	26895138	2689553
431 NA18537	[2515685 chr15	15	27198072	27202217	4146	6	-0.375848	0.061639	27197623	27198522	27201948	2720248
432 NA18537	[2515685 chr15	15	32515477	32592621	77145	65	0.55691	0.019538	32514954	32516000	32592260	3259298
433 NA18537	[2515685 chr15	15	41675378	41678071	2694	4	-0.380639	0.07173	41675148	41675609	41677665	4167847
434 NA18537	[2515685 chr15	15	41775760	41777132	1373	2	0.568458	0.111551	41775441	41776080	41776863	4177740
435 NA18537	[2515685 chr15	15	43106208	43111174	4967	6	0.434153	0.058495	43105919	43106498	43111071	4311127
436 NA18537	[2515685 chr15	15	74671388	74682819	11432	9	0.964808	0.055292	74671122	74671654	74680518	7468951
437 NA18537	[2515685 chr15	15	75117585	75119946	2362	4	0.747511	0.077679	75117343	75117827	75119741	7512015
438 NA18537	[2515685 chr15	15	80588100	80588985	886	2	-1.188843	0.090764	80587699	80588502	80588602	8058936
439 NA18537	[2515685 chr15	15	80982676	80983561	886	2	-1.188882	0.090766	80982275	80983078	80983178	8098394
440 NA18537	[2515685 chr15	15	83581911	83582575	665	2	-1.188843	0.090764	83581731	83582092	83582192	8358295
441 NA18537	[2515685 chr15	15	89781746	89785172	3427	2	0.715754	0.099831	89781413	89782079	89782871	8978862
442 NA18537	[2515685 chr15	15	98234084	98240716	6633	8	0.869505	0.059414	98233842	98234327	98239350	9824208
443 NA18537	[2515685 chr15	15	99159205	99162270	3066	4	-0.449486	0.070517	99158805	99159605	99161761	9916277
444 NA18537	[2515685 chr15	15	100109640	100122682	13043	98	0.741788	0.012603	100108905	100110376	100122315	10012305
445 NA18537	[2515685 chr16	16	12550392	12553526	3135	3	-0.419998	0.081061	12549915	12550869	12552957	1255409
446 NA18537	[2515685 chr16	16	14693330	14707381	14052	12	-0.335616	0.035465	14692801	14693859	14706351	1470841
447 NA18537	[2515685 chr16	16	14732447	14746503	14057	12	-0.335616	0.035465	14731918	14732976	14745473	1474753
448 NA18537	[2515685 chr16	16	14896194	14908175	11982	30	-0.339907	0.025556	14896075	14896314	14907917	1490843
449 NA18537	[2515685 chr16	16	14910673	14916960	6288	11	-0.307997	0.040364	14910391	14910955	14915993	1491792
450 NA18537	[2515685 chr16	16	14955818	15030359	74542	68	-0.523731	0.018272	14955356	14956281	15029969	1503075
451 NA18537	[2515685 chr16	16	16294885	16306828	11944	26	-0.324084	0.02713	16294729	16295041	16306570	1630708
452 NA18537	[2515685 chr16	16	16633469	16639120	5652	4	1.01084	0.076675	16632502	16634437	16638386	1663985
453 NA18537	[2515685 chr16	16	16703782	16704883	1102	2	-0.67798	0.091661	16702971	16704593	16704736	1670503
454 NA18537	[2515685 chr16	16	18408017	18419965	11949	26	-0.324084	0.02713	18407760	18408275	18419809	1842012
455 NA18537	[2515685 chr16	16	18574518	18575622	1105	2	-0.677983	0.091661	18574371	18574665	18574808	1857643
456 NA18537	[2515685 chr16	16	28283947	28324917	40971	86	-0.299737	0.015727	28283717	28284178	28324665	2832516
457 NA18537	[2515685 chr16	16	28324917	28333325	8409	7	-0.93501	0.062399	28324665	28325169	28333269	2833338
458 NA18537	[2515685 chr16	16	28617225	28630243	13019	15	-0.702348	0.040797	28615757	28618694	28630124	2863036
459 NA18537	[2515685 chr16	16	28630243	28668989	38747	79	-0.28789	0.016321	28630124	28630362	28668758	2866922
460 NA18537	[2515685 chr16	16	31869887	31872278	2392	5	-0.682302	0.063811	31869805	31869970	31871108	3187344
461 NA18537	[2515685 chr16	16	32150890	32368520	217631	310	-0.384467	0.005882	32150057	32151724	32364027	3237039
462 NA18537	[2515685 chr16	16	32402327	32616183	213857	219	-0.384467	0.005882	32400448	32481337	32615350	3261701
463 NA18537	[2515685 chr16	16	33091854	33194268	102415	237	-0.528021	0.008778	33091021	33092688	33194099	3319443
464 NA18537	[2515685 chr16	16	33201520	33232719	31200	38	-0.399445	0.021504	33197841	33203399	33231518	3323392
465 NA18537	[2515685 chr16	16	33254321	33335009	80689	98	-0.400767	0.014629	33254120	33254522	33334563	3333545
466 NA18537	[2515685 chr16	16	33456557	33480065	23509	14	-0.338943	0.041261	33455814	33457301	33479777	3348035
467 NA18537	[2515685 chr16	16	33502420	33530264	27845	34	-0.385964	0.025588	33502141	33502700	33528385	3353346
468 NA18537	[2515685 chr16	16	33674089	33677354	3266	8	-0.676163	0.050841	33673445	33674733	33676941	3367776
469 NA18537	[2515685 chr16	16	34321827	34609072	287246	323	-0.495781	0.008361	34317185	34323706	34607193	3461732
470 NA18537	[2515685 chr16	16	54353711	54363980	10270	11	-0.695623	0.05027	54353419	54354004	54363701	5436425
471 NA18537	[2515685 chr16	16	54365075	54369383	4309	6	-2.09634	0.077983	54364721	54365430	54368899	5436986
472 NA18537	[2515685 chr16	16	54370325	54380125	9801	8	-0.697579	0.055235	54369868	54370782	54379862	5438038
473 NA18537	[2515685 chr16	16	54399675	54422911	23237	29	0.309955	0.027949	54399445	54399906	54422635	5442318

474 NA18537	[2515685 chr16	16	57204541	57207585	3045	3	4.545312	0.183031	57204170	57204913	57206938	5720823:
475 NA18537	[2515685 chr16	16	57231525	57234603	3079	2	-0.527448	0.096191	57230452	57232599	57233543	5723566:
476 NA18537	[2515685 chr16	16	68602449	68666721	64273	59	-0.399637	0.01906	68602144	68602755	68666385	6866705:
477 NA18537	[2515685 chr16	16	76932229	76942282	10054	8	0.670592	0.050992	76931263	76933196	76941602	7694296:
478 NA18537	[2515685 chr16	16	79534564	79540634	6071	8	-0.721749	0.055458	79532411	79536443	79540299	7954097:
479 NA18537	[2515685 chr16	16	83994929	84005017	10089	82	-0.263144	0.015151	83994558	83995300	84004576	8400545:
480 NA18537	[2515685 chr16	16	85087756	85089036	1281	2	0.55813	0.105101	85087427	85088085	85088690	8508938:
481 NA18537	[2515685 chr16	16	86669849	86672366	2518	2	-0.77639	0.103925	86669288	86670411	86671217	8667351:
482 NA18537	[2515685 chr17	17	966845	969578	2734	21	0.744441	0.036345	966537	967154	969378	969775:
483 NA18537	[2515685 chr17	17	16657271	16665630	8360	13	-0.346962	0.042893	16657056	16657486	16665353	1666590:
484 NA18537	[2515685 chr17	17	18296513	18311209	14697	25	0.315481	0.02944	18296246	18296781	18310937	1831148:
485 NA18537	[2515685 chr17	17	18331739	18332345	607	2	-1.295839	0.116311	18331509	18331970	18331978	1833271:
486 NA18537	[2515685 chr17	17	20299935	20300531	597	2	-1.295866	0.116312	20299568	20300303	20300311	2030075:
487 NA18537	[2515685 chr17	17	20368693	20372821	4129	8	0.260599	0.05138	20367677	20369709	20372578	2037306:
488 NA18537	[2515685 chr17	17	21942843	21954909	12067	20	-0.378426	0.032412	21942618	21943068	21954628	2195519:
489 NA18537	[2515685 chr17	17	22090185	22116125	25941	9	-0.2568	0.048243	22080287	22092384	22115842	2211640:
490 NA18537	[2515685 chr17	17	31430406	31468582	38177	54	0.364866	0.006117	31429658	31431155	31468240	3146892:
491 NA18537	[2515685 chr17	17	31506465	31648792	142328	277	0.364866	0.006117	31506035	31506896	31648489	3164909:
492 NA18537	[2515685 chr17	17	31652304	31819557	167254	120	0.364866	0.006117	31652159	31652450	31819552	3181956:
493 NA18537	[2515685 chr17	17	32829500	32833231	3732	5	0.71839	0.073845	32828825	32830175	32832670	3283379:
494 NA18537	[2515685 chr17	17	33374655	33380681	6027	14	0.492631	0.036024	33374537	33374773	33380614	3338074:
495 NA18537	[2515685 chr17	17	33529907	33535932	6026	15	0.503376	0.034952	33529840	33529975	33535814	3353605:
496 NA18537	[2515685 chr17	17	33605351	33639547	34197	43	0.516714	0.022759	33605052	33605650	33638405	3364068:
497 NA18537	[2515685 chr17	17	33654387	33658182	3796	9	0.263848	0.048929	33653601	33655173	33658002	3365836:
498 NA18537	[2515685 chr17	17	36675530	36685343	9814	10	-0.702972	0.050138	36675011	36676049	36684647	3668604:
499 NA18537	[2515685 chr17	17	40929350	40933535	4186	4	0.354164	0.064708	40928640	40930061	40933505	4093356:
500 NA18537	[2515685 chr17	17	40941833	41006614	64782	108	0.316985	0.013534	40941595	40942072	41006215	4100701:
501 NA18537	[2515685 chr17	17	41726243	41741357	15115	41	0.254886	0.021878	41725776	41726711	41740846	4174186:
502 NA18537	[2515685 chr17	17	41741357	41987438	246082	298	0.613664	0.006343	41740846	41741868	41987182	4198769:
503 NA18537	[2515685 chr17	17	41992958	42137409	144452	133	0.613664	0.006343	41992694	41993223	42135210	4214194:
504 NA18537	[2515685 chr17	17	42447536	42487040	39505	67	0.34941	0.017095	42447059	42448014	42486638	4248744:
505 NA18537	[2515685 chr17	17	42988804	43026670	37867	54	0.471039	0.020403	42988208	42989400	43025568	4302777:
506 NA18537	[2515685 chr17	17	54718891	54720406	1516	2	-0.859495	0.118311	54718493	54719289	54719841	5472097:
507 NA18537	[2515685 chr17	17	57683649	57694227	10579	21	0.383325	0.030421	57683473	57683826	57693977	5769447:
508 NA18537	[2515685 chr17	17	60270007	60346613	76607	118	0.287791	0.013104	60269648	60270367	60345268	6034795:
509 NA18537	[2515685 chr18	18	9805250	9806206	957	2	-2.151525	0.149201	9804637	9805863	9806038	980637:
510 NA18537	[2515685 chr18	18	14172514	14178491	5978	10	0.368859	0.04625	14172152	14172877	14178149	1417883:
511 NA18537	[2515685 chr18	18	14726980	14736224	9245	13	-0.292882	0.039929	14726667	14727294	14735973	1473647:
512 NA18537	[2515685 chr18	18	28142218	28143399	1182	2	0.799732	0.124113	28141854	28142583	28143055	2814374:
513 NA18537	[2515685 chr18	18	36514289	36521090	6802	6	-0.822437	0.063998	36513759	36514820	36520512	3652166:
514 NA18537	[2515685 chr18	18	61917747	61920171	2425	4	2.297791	0.11939	61917522	61917973	61919646	6192069:
515 NA18537	[2515685 chr18	18	74231104	74234275	3172	30	0.547658	0.022744	74230952	74231256	74234139	7423441:
516 NA18537	[2515685 chr18	18	74373005	74376367	3363	7	0.652694	0.047754	74372064	74373947	74375833	7437690:
517 NA18537	[2515685 chr18	18	74392800	74398225	5426	4	0.674902	0.076964	74390826	74394774	74397790	7439866:
518 NA18537	[2515685 chr19	19	58103	61808	3706	3	0.637285	0.082139	57927	58280	61022	62595:
519 NA18537	[2515685 chr19	19	79514	107994	28481	31	-0.268975	0.025879	79338	79690	107791	108197:
520 NA18537	[2515685 chr19	19	310414	312953	2540	14	-0.615889	0.040571	309687	311142	312913	31299:
521 NA18537	[2515685 chr19	19	8708780	8760468	51689	89	-1.215595	0.013783	8708296	8709264	8760209	876072:
522 NA18537	[2515685 chr19	19	8760950	8763535	2586	4	-0.577495	0.07217	8760727	8761174	8763160	876391:
523 NA18537	[2515685 chr19	19	23007904	23013841	5938	6	0.882234	0.069232	22990964	23010431	23013525	2301415:
524 NA18537	[2515685 chr19	19	32542548	32932621	390074	4	-0.353639	0.067247	24170302	32545075	32930094	3293796:
525 NA18537	[2515685 chr19	19	39419837	39421349	1513	3	0.567679	0.093238	39419616	39420059	39421018	3942168:
526 NA18537	[2515685 chr19	19	40489591	40496795	7205	8	-0.284109	0.053574	40489030	40490153	40496555	4049703:
527 NA18537	[2515685 chr19	19	43974792	43977294	2503	2	-0.638713	0.099916	43974369	43975216	4397620	4397896:
528 NA18537	[2515685 chr19	19	45412775	45413556	782	2	-0.711789	0.100948	45412566	45412985	45413285	4541382:

529 NA18537	[2515685 chr19	19	46030260	46085692	55433	70	-0.263653	0.017315	46029645	46030876	46085137	46086247
530 NA18537	[2515685 chr19	19	48011400	48017829	6430	5	0.502015	0.063444	48011121	48011679	48016926	48018737
531 NA18537	[2515685 chr19	19	48140451	48184812	44362	25	0.369418	0.029168	48139639	48141263	48184326	48185297
532 NA18537	[2515685 chr19	19	48287392	48290664	3273	4	0.58849	0.079257	48287144	48287641	48289625	48291707
533 NA18537	[2515685 chr19	19	48313555	48345237	31683	8	0.542051	0.050752	48307956	48316082	48345196	48345277
534 NA18537	[2515685 chr19	19	53098479	53152329	53851	102	-0.344673	0.012588	53098017	53098941	53152311	53152347
535 NA18537	[2515685 chr19	19	55285877	55336157	50281	104	-0.337451	0.012381	55285730	55286025	55335244	55337077
536 NA18537	[2515685 chr19	19	56824422	56827216	2795	5	-0.626513	0.066424	56824136	56824709	56826331	56828107
537 NA18537	[2515685 chr19	19	56827216	56836311	9096	7	-3.137733	0.095666	56826331	56828101	56834905	56837717
538 NA18537	[2515685 chr19	19	56836311	56841964	5654	9	-0.831182	0.050973	56834905	56837718	56841608	56842327
539 NA18537	[2515685 chr19	19	58209430	58245460	36031	28	-0.704741	0.028616	58208997	58209863	58245024	58245897
540 NA18537	[2515685 chr19	19	59247755	59252061	4307	5	0.8388	0.073201	59246427	59249084	59251854	59252267
541 NA18537	[2515685 chr19	19	59465762	59471589	5828	7	-0.338067	0.056609	59465127	59466398	59471399	59471787
542 NA18537	[2515685 chr19	19	59585553	59589354	3802	2	-0.704897	0.131332	59584932	59586174	59587033	59591677
543 NA18537	[2515685 chr19	19	59840010	59870155	30146	26	-0.59758	0.029778	59839753	59840268	59869416	59870897
544 NA18537	[2515685 chr19	19	59989312	60026704	37393	41	-0.433958	0.023884	59988943	59989681	60025232	60028177
545 NA18537	[2515685 chr19	19	60039807	60044873	5067	6	-0.430385	0.055198	60039278	60040336	60043738	60046007
546 NA18537	[2515685 chr19	19	60958920	60976029	17110	15	-0.796475	0.040298	60957933	60959907	60975748	60976317
547 NA18537	[2515685 chr20	20	1500976	1511097	10122	11	-0.35132	0.041117	1500749	1501203	1510534	15116607
548 NA18537	[2515685 chr20	20	1511097	1532477	21381	26	-2.062777	0.04376	1510534	1511660	1532182	15327777
549 NA18537	[2515685 chr20	20	1533078	1544060	10983	16	-0.387722	0.034139	1532773	1533384	1543588	15445337
550 NA18537	[2515685 chr20	20	2153768	2313165	159398	175	-0.421897	0.011208	2153045	2154491	2312360	23139777
551 NA18537	[2515685 chr20	20	11768637	11771682	3046	2	0.680889	0.111353	11768348	11768927	11770174	11773197
552 NA18537	[2515685 chr20	20	15249645	15251805	2161	2	-0.891953	0.103223	15249381	15249909	15251287	15252327
553 NA18537	[2515685 chr20	20	23904400	23982753	78354	10	-0.349579	0.043153	23887613	23907810	23979343	24071247
554 NA18537	[2515685 chr20	20	25714111	25742825	28715	37	-0.340097	0.023921	25713986	25714237	25742824	25742827
555 NA18537	[2515685 chr20	20	25764291	25774048	9758	18	-0.388032	0.03453	25764096	25764487	25773787	25774317
556 NA18537	[2515685 chr20	20	25940035	25948886	8852	16	-0.3671	0.036348	25939983	25940088	25948691	25949087
557 NA18537	[2515685 chr20	20	25970351	25999063	28713	37	-0.340097	0.023921	25970350	25970352	25989938	25999187
558 NA18537	[2515685 chr20	20	59951513	59957050	5538	18	0.759478	0.034761	59950681	59952345	59956538	59957567
559 NA18537	[2515685 chr20	20	62066380	62068214	1835	8	1.494784	0.061898	62066146	62066615	62067671	62068757
560 NA18537	[2515685 chr21	21	29171583	29178866	7284	10	0.269247	0.047227	29170934	29172232	29178652	29179087
561 NA18537	[2515685 chr22	22	14480514	14488322	7809	12	-0.326646	0.040844	14480270	14480758	14488289	14488357
562 NA18537	[2515685 chr22	22	14768390	14769425	1036	2	-1.106728	0.092541	14768382	14768398	14768944	14769907
563 NA18537	[2515685 chr22	22	15272638	15388376	115739	119	-0.274764	0.013046	15270179	15275097	15388154	15388597
564 NA18537	[2515685 chr22	22	17032140	17256406	224267	359	-0.36067	0.003106	17031480	17032801	17252078	17259087
565 NA18537	[2515685 chr22	22	18686043	19041529	355487	350	-0.36067	0.003106	18685780	18686307	19040908	19042157
566 NA18537	[2515685 chr22	22	19349564	19447242	97679	23	-0.36067	0.003106	19346886	19366770	19416806	19449927
567 NA18537	[2515685 chr22	22	19789638	20121795	332158	513	-0.36067	0.003106	19788642	19790634	20121548	20122047
568 NA18537	[2515685 chr22	22	20137248	20243639	106392	148	-0.36067	0.003106	20136561	20137935	20240961	20302287
569 NA18537	[2515685 chr22	22	21977418	22142561	165144	15	-0.367368	0.03645	21977164	21977673	22139883	22147507
570 NA18537	[2515685 chr22	22	22600453	22635796	35344	53	-0.46393	0.014552	22598667	22602240	22635364	22636227
571 NA18537	[2515685 chr22	22	22639133	22666516	27384	48	-0.46393	0.014552	22638819	22639448	22666496	22666537
572 NA18537	[2515685 chr22	22	22672624	22674936	2313	4	1.151204	0.094389	22672391	22672858	22674426	22675447
573 NA18537	[2515685 chr22	22	22678229	22683930	5702	2	0.596943	0.108288	22678110	22678349	22681309	22686557
574 NA18537	[2515685 chr22	22	22683930	22688523	4594	3	-0.723147	0.093147	22681309	22686552	22687378	22689667
575 NA18537	[2515685 chr22	22	22690382	22691501	1120	2	1.619996	0.116912	22690146	22690619	22691088	22691917
576 NA18537	[2515685 chr22	22	22695407	22715094	19688	24	0.867318	0.037337	22695112	22695703	22714777	22715417
577 NA18537	[2515685 chr22	22	22960930	22986040	25111	34	-0.31324	0.024273	22957880	22963608	22985733	22986347
578 NA18537	[2515685 chr22	22	22995064	22998522	3459	9	-0.362871	0.051287	22994927	22995201	22997635	22999407
579 NA18537	[2515685 chr22	22	23327418	23381903	54486	42	-0.274249	0.02169	23325274	23329563	23381037	23382777
580 NA18537	[2515685 chr22	22	27394530	27418963	24434	7	-0.306724	0.051546	27354515	27397208	27416285	27432507
581 NA18537	[2515685 chr22	22	33619409	33622591	3183	4	0.912974	0.075827	33618939	33619879	33622541	33622647
582 NA18537	[2515685 chr22	22	37683358	37711759	28402	27	-1.510613	0.03645	37683063	37683653	37711022	37712497
583 NA18537	[2515685 chr22	22	37711759	37715619	3861	4	-0.408911	0.078586	37711022	37712497	37714807	37716437

584 NA18537	[2515685 chr22	22	41208662	41279753	71092	61	-0.482903	0.018356	41207835	41209490	41278713	4128079-
585 NA18537	[2515685 chr22	22	41287018	41304134	17117	20	-0.275497	0.030879	41286777	41287259	41302665	4130560:
586 NA18537	[2515685 chr22	22	43455661	43456925	1265	2	-3.66654	0.231278	43455369	43455954	43456505	4345734!
587 NA18537	[2515685 chr22	22	44150680	44156545	5866	3	-0.455859	0.077633	44150466	44150895	44155221	4415787!
1 NA18552	[2515685 chr1	1	34112	76985	42874	52	0.254808	0.027341	32536	35688	76641	77329
2 NA18552	[2515685 chr1	1	601044	612159	11116	7	-1.075839	0.074518	587801	604315	610122	614196
3 NA18552	[2515685 chr1	1	1653053	1716937	63885	84	-0.346298	0.021592	1652846	1653260	1716637	171723!
4 NA18552	[2515685 chr1	1	1853012	1854645	1634	2	1.467209	0.13941	1852616	1853409	1853816	185547-
5 NA18552	[2515685 chr1	1	10416438	10418311	1874	2	-0.808704	0.13941	10415863	10417014	10417712	1041891
6 NA18552	[2515685 chr1	1	12785372	12791317	5946	13	0.35515	0.054681	12785195	12785549	12790929	1279170!
7 NA18552	[2515685 chr1	1	12832563	12870303	37741	46	0.3589	0.029069	12832250	12832877	12870291	1287031!
8 NA18552	[2515685 chr1	1	12874938	12888178	13241	35	0.28365	0.033325	12874781	12875096	12887924	1288843!
9 NA18552	[2515685 chr1	1	13159940	13162706	2767	4	0.572189	0.098578	13159618	13160263	13162366	1316304!
10 NA18552	[2515685 chr1	1	13192199	13198410	6212	12	0.380891	0.056914	13192020	13192378	13198244	1319857!
11 NA18552	[2515685 chr1	1	13380737	13383503	2767	4	0.572189	0.098578	13380415	13381060	13383163	1338384-
12 NA18552	[2515685 chr1	1	13413054	13419265	6212	12	0.380891	0.056914	13412875	13413233	13419099	1341943!
13 NA18552	[2515685 chr1	1	16546501	16577498	30998	29	-0.446826	0.036611	16545973	16547030	16577091	1657790!
14 NA18552	[2515685 chr1	1	16751919	16797596	45678	56	-0.260579	0.026346	16751697	16752141	16779325	1679786!
15 NA18552	[2515685 chr1	1	16951776	16960152	8377	7	-0.553784	0.074518	16951540	16952012	16959445	1696085!
16 NA18552	[2515685 chr1	1	16975906	17005532	29627	33	-0.632331	0.034827	16975406	16976406	17004616	1700644!
17 NA18552	[2515685 chr1	1	31745595	31757825	12231	15	-0.303498	0.050905	31744036	31747155	31757576	3175807!
18 NA18552	[2515685 chr1	1	34774023	34780982	6960	13	-0.847552	0.056697	34773595	34774451	34780581	3478138:
19 NA18552	[2515685 chr1	1	72478372	72524180	45809	36	-1.985527	0.044682	72478140	72478604	72523661	7252470!
20 NA18552	[2515685 chr1	1	89188689	89190762	2074	3	1.966047	0.134955	89188470	89188908	89190458	8919106!
21 NA18552	[2515685 chr1	1	103854270	103934476	80207	128	-0.304804	0.012297	103853964	103854577	103934188	10393476
22 NA18552	[2515685 chr1	1	103939709	104015739	76031	123	-0.304804	0.012297	103937206	103942212	104013178	10401830
23 NA18552	[2515685 chr1	1	105728161	105735462	7302	8	-0.863123	0.073057	105727820	105728503	105734532	10573639
24 NA18552	[2515685 chr1	1	109936541	109965726	29186	31	0.285149	0.035844	109935803	109937279	109965065	10996638
25 NA18552	[2515685 chr1	1	111459182	111498600	39419	13	0.28548	0.054862	111380891	111462453	111498106	11149909
26 NA18552	[2515685 chr1	1	120525058	120525798	741	10	0.460057	0.062346	120524971	120525146	120525705	12052589
27 NA18552	[2515685 chr1	1	120529720	120532682	2963	12	0.398906	0.056914	120529710	120529731	120532099	12053326
28 NA18552	[2515685 chr1	1	120628893	120634303	5411	9	0.421862	0.065719	120628510	120629277	120634104	12063450
29 NA18552	[2515685 chr1	1	141384805	141390451	5647	12	0.398787	0.056914	120962965	141388076	141390441	14139046
30 NA18552	[2515685 chr1	1	141394373	141395073	701	13	0.418339	0.054681	141394280	141394467	141395026	14139512
31 NA18552	[2515685 chr1	1	142743633	142745273	1641	3	0.706446	0.113828	142743472	142743794	142745023	14274552
32 NA18552	[2515685 chr1	1	145930102	145934946	4845	5	0.552382	0.088171	145929732	145930472	145934610	14593528
33 NA18552	[2515685 chr1	1	146203184	146210284	7101	15	0.381183	0.051317	146202760	146203609	146210052	14621051
34 NA18552	[2515685 chr1	1	146462721	146473587	10867	6	0.434999	0.080488	146462499	146462943	146473412	14647376
35 NA18552	[2515685 chr1	1	146564052	146566576	2525	5	0.583639	0.088171	146563711	146564394	146566510	14656664
36 NA18552	[2515685 chr1	1	148998878	149005918	7041	13	0.690506	0.054681	148998401	148999355	149004680	14900715
37 NA18552	[2515685 chr1	1	149368571	149385742	17172	3	-0.620978	0.113828	149368105	149369038	149385339	14938614
38 NA18552	[2515685 chr1	1	149385742	149399435	13694	19	-1.814497	0.0546	149385339	149386145	149399080	14939979
39 NA18552	[2515685 chr1	1	149573821	149583431	9611	5	0.837056	0.088954	149573460	149574182	149582912	14958395
40 NA18552	[2515685 chr1	1	158225480	158264535	39056	47	-0.368185	0.028758	158225276	158225685	158264300	15826477
41 NA18552	[2515685 chr1	1	158372273	158374264	1992	3	-0.68282	0.113828	158372059	158372488	158373972	15837455
42 NA18552	[2515685 chr1	1	186057433	186276059	218627	217	-0.691868	0.01387	186057175	186057691	186275512	18627660
43 NA18552	[2515685 chr1	1	218773112	218778100	4989	7	-0.380793	0.074518	218772732	218773492	218777921	21877828
44 NA18552	[2515685 chr1	1	236719047	236720968	1922	3	-0.859333	0.113828	236718751	236719344	236720749	23672118
45 NA18552	[2515685 chr1	1	239368545	239513430	144886	21	-0.316236	0.043023	239368239	239368851	239512397	23951446
46 NA18552	[2515685 chr1	1	243009520	243011368	1849	3	-0.747976	0.113828	243008430	243010610	243011204	24301153
47 NA18552	[2515685 chr2	2	34606446	34641571	35126	37	0.741071	0.032618	34601818	34609397	34641330	3464181;
48 NA18552	[2515685 chr2	2	35896479	35905930	9452	3	-0.861929	0.113828	35879425	35899430	35902979	3590982
49 NA18552	[2515685 chr2	2	36245925	36253907	7983	4	-0.775141	0.098578	36243469	36248382	36250956	3625755!
50 NA18552	[2515685 chr2	2	44378695	44380701	2007	3	-2.613116	0.129974	44378636	44378754	44379703	4438169!
51 NA18552	[2515685 chr2	2	51685351	51700089	14739	17	0.28045	0.047817	51684868	51685834	51699867	5170031

52 NA18552	[2515685 chr2	2	52661573	52696869	35297	26	-0.826331	0.038818	52661218	52661928	52696416	5269732:
53 NA18552	[2515685 chr2	2	55784679	55794996	10318	9	0.389139	0.06815	55784376	55784983	55794590	5579540:
54 NA18552	[2515685 chr2	2	59577766	59585803	8038	8	0.371535	0.069705	59577195	59578337	59585575	5958603:
55 NA18552	[2515685 chr2	2	61675589	61676777	1189	2	1.664108	0.13975	61675200	61675979	61676468	6167708:
56 NA18552	[2515685 chr2	2	67235911	67240574	4664	5	-0.576345	0.088171	67235223	67236600	67240226	6724092:
57 NA18552	[2515685 chr2	2	82940858	82951598	10741	8	0.349636	0.069705	82940573	82941143	82951394	8295180:
58 NA18552	[2515685 chr2	2	87170638	87191453	20816	34	0.259431	0.033812	87170401	87170876	87191208	8719169:
59 NA18552	[2515685 chr2	2	87272521	87315426	42906	58	0.343756	0.025888	87270821	87274221	87315008	8731584:
60 NA18552	[2515685 chr2	2	87615996	87625655	9660	8	0.466356	0.069705	87615585	87616408	87625119	8762619:
61 NA18552	[2515685 chr2	2	87804354	87806319	1966	2	0.857137	0.13941	87803847	87804862	87806062	8780657:
62 NA18552	[2515685 chr2	2	87827199	87878634	51436	63	0.256757	0.024839	87826274	87828124	87877080	8788018:
63 NA18552	[2515685 chr2	2	87981685	88098957	117273	10	0.463211	0.062439	87965922	87984636	88097049	8810086:
64 NA18552	[2515685 chr2	2	88121895	88128863	6969	10	0.32382	0.062346	88121607	88122184	88128645	8812908:
65 NA18552	[2515685 chr2	2	91093851	91094543	693	4	-0.518787	0.098578	91093617	91094086	91094491	9109459:
66 NA18552	[2515685 chr2	2	91163362	91173848	10487	19	-0.317213	0.045231	91163145	91163579	91173844	9117385:
67 NA18552	[2515685 chr2	2	94850556	94878176	27621	18	-0.418582	0.04647	94850330	94850783	94877811	9487854:
68 NA18552	[2515685 chr2	2	97184386	97189733	5348	2	-0.868302	0.13941	97182781	97185992	97186782	9719672:
69 NA18552	[2515685 chr2	2	97613796	97614932	1137	2	0.981107	0.13941	97613553	97614040	97614467	9761539:
70 NA18552	[2515685 chr2	2	106339466	106344320	4855	6	-1.530994	0.090918	106339069	106339864	106344055	10634458
71 NA18552	[2515685 chr2	2	107475477	107477568	2092	2	-0.976677	0.13941	107474333	107476621	107477239	10747789
72 NA18552	[2515685 chr2	2	110076261	110081226	4966	8	0.355364	0.069705	110075654	110076869	110080529	11008192
73 NA18552	[2515685 chr2	2	111757201	111759168	1968	2	0.857137	0.13941	111756944	111757458	111758661	11175967
74 NA18552	[2515685 chr2	2	112224276	112315353	91078	111	0.274658	0.018713	112223230	112225323	112314900	11231580
75 NA18552	[2515685 chr2	2	116248984	116390773	141790	157	0.541496	0.015749	116248373	116249596	116390529	11639101
76 NA18552	[2515685 chr2	2	123190170	123198547	8378	5	-0.691409	0.088171	123163920	123193121	123198337	12319875
77 NA18552	[2515685 chr2	2	126159437	126168349	8913	3	-2.734952	0.137421	126158494	126160381	126168048	12616865
78 NA18552	[2515685 chr2	2	130525542	130530964	5423	6	-0.495979	0.080488	130525010	130526075	130528769	13053316
79 NA18552	[2515685 chr2	2	130748728	130761441	12714	24	-0.355657	0.040244	130748468	130748988	130761107	13076177
80 NA18552	[2515685 chr2	2	131765083	131782932	17850	28	-0.293135	0.037259	131749458	131768034	131782590	13178327
81 NA18552	[2515685 chr2	2	132272745	132323057	50313	58	-0.278059	0.025888	132271619	132273872	132323825	13232329
82 NA18552	[2515685 chr2	2	132332382	132335366	2985	2	-0.702117	0.13941	132331267	132333497	132335122	13233561
83 NA18552	[2515685 chr2	2	133150179	133163479	13301	9	-0.332418	0.065719	133149969	133150389	133161737	13316522
84 NA18552	[2515685 chr2	2	153622711	153625256	2546	3	0.885621	0.113828	153621175	153624247	153625088	15362542
85 NA18552	[2515685 chr2	2	208176479	208184457	7979	7	0.709608	0.074518	208176093	208176865	208183930	20818498
86 NA18552	[2515685 chr2	2	242664580	242668683	4104	10	1.660945	0.062496	242664284	242664877	242668532	24266883
87 NA18552	[2515685 chr2	2	242748234	242749910	1677	3	0.583467	0.113828	242747892	242748577	242749742	24275007
88 NA18552	[2515685 chr3	3	50907517	50907841	325	3	0.821788	0.128484	50907480	50907555	50907796	5090788:
89 NA18552	[2515685 chr3	3	68821474	68830847	9374	17	-2.052225	0.059057	68818894	68824055	68830417	6883127:
90 NA18552	[2515685 chr3	3	105760262	105762355	2094	2	-0.785693	0.13941	105759634	105760890	105761424	10576328
91 NA18552	[2515685 chr3	3	127120875	127127395	6521	10	-0.345965	0.062346	127120709	127121041	127127372	12712741
92 NA18552	[2515685 chr3	3	129611885	129620741	8857	13	-0.349087	0.054681	129611430	129612340	129620317	12962116
93 NA18552	[2515685 chr3	3	131204575	131207291	2717	5	-0.466855	0.088171	131204147	131205003	131206953	13120762
94 NA18552	[2515685 chr3	3	133191392	133196576	5185	5	-0.758164	0.088171	133190820	133191965	133195824	13319732
95 NA18552	[2515685 chr3	3	144396830	144401520	4691	6	0.467548	0.080488	144396479	144397181	144401237	14440180
96 NA18552	[2515685 chr3	3	164001043	164109483	108441	102	-0.299867	0.03275	164000394	164001693	164108987	16410998
97 NA18552	[2515685 chr3	3	164200660	164205886	5227	5	-0.68244	0.088171	164200187	164201133	164204674	16420709
98 NA18552	[2515685 chr3	3	192547312	192554331	7020	10	0.835335	0.062337	192546950	192547674	192554127	19255453
99 NA18552	[2515685 chr3	3	196679304	196713584	34281	33	1.094724	0.034326	196677636	196680972	196711400	19671576
100 NA18552	[2515685 chr3	3	196909913	196965802	55890	49	-0.345189	0.028165	196909720	196910107	196965494	19696611
101 NA18552	[2515685 chr3	3	198422794	198427408	4615	2	0.979573	0.13941	198422381	198423207	198423959	19843085
102 NA18552	[2515685 chr3	3	198845327	198881375	36049	41	-0.26265	0.030791	198844589	198846066	198881153	19888159
103 NA18552	[2515685 chr3	3	199313925	199321063	7139	15	1.141669	0.050905	199313515	199314336	199320844	19932128
104 NA18552	[2515685 chr4	4	1730665	1753705	23041	25	-0.273714	0.039431	1730163	1731167	1753306	1754104
105 NA18552	[2515685 chr4	4	8741632	8757471	15840	22	0.510881	0.042034	8741430	8741835	8757086	8757857
106 NA18552	[2515685 chr4	4	9001573	9046719	45147	86	0.693445	0.02126	9001243	9001903	9046129	9047305

107 NA18552	[2515685 chr4	4	9299467	9304702	5236	3	-0.71147	0.113828	9295439	9302535	9304241	9305163
108 NA18552	[2515685 chr4	4	9812346	9813108	763	33	0.914643	0.03432	9812284	9812408	9812952	9813261
109 NA18552	[2515685 chr4	4	9887220	9910115	22896	28	1.418456	0.044225	9886886	9887555	9909843	9910388
110 NA18552	[2515685 chr4	4	34602797	34650994	48198	45	0.778683	0.030305	34601994	34603600	34649535	3465245
111 NA18552	[2515685 chr4	4	49056186	49076811	20626	20	-0.397737	0.044085	49056106	49056267	49076711	4907691
112 NA18552	[2515685 chr4	4	49124969	49171182	46214	166	-0.263653	0.015302	49124860	49125078	49171073	4917129
113 NA18552	[2515685 chr4	4	49406160	49421558	15399	9	-0.572051	0.065719	49405299	49407022	49421420	4942169
114 NA18552	[2515685 chr4	4	49433465	49438219	4755	8	-0.436449	0.069705	49432792	49434138	49435151	4945013
115 NA18552	[2515685 chr4	4	58094443	58106948	12506	11	-0.442341	0.060342	58090798	58097511	58106742	5810715
116 NA18552	[2515685 chr4	4	61749710	61751186	1477	2	-0.81498	0.13941	61749399	61750021	61750674	6175169
117 NA18552	[2515685 chr4	4	63500372	63504889	4518	5	-0.779972	0.103396	63494261	63503440	63504639	6350514
118 NA18552	[2515685 chr4	4	77655751	77677385	21635	13	0.281314	0.056134	77655370	77656133	77675208	7767956
119 NA18552	[2515685 chr4	4	115534208	115541546	7339	9	0.801454	0.068492	115530015	115537276	115539984	11554310
120 NA18552	[2515685 chr4	4	133000684	133044905	44222	24	-0.393848	0.040238	132999479	133001890	133044609	13304520
121 NA18552	[2515685 chr4	4	138449561	138457787	8227	7	-0.895929	0.075789	138448993	138450130	138457283	13845829
122 NA18552	[2515685 chr4	4	138537751	138549906	12156	14	0.888208	0.057466	138537443	138538059	138547414	13855239
123 NA18552	[2515685 chr4	4	145013091	145017379	4289	4	0.519749	0.098578	145010831	145015351	145017113	14501764
124 NA18552	[2515685 chr4	4	145115514	145181332	65819	68	0.256801	0.024055	145115176	145115852	145181117	14518154
125 NA18552	[2515685 chr4	4	145271307	145402280	130974	146	0.3855	0.016333	145270866	145271749	145401303	14540325
126 NA18552	[2515685 chr4	4	158680453	158687424	6972	3	0.661406	0.130045	158679988	158680919	158686979	15868787
127 NA18552	[2515685 chr4	4	162806038	162809269	3232	3	-1.718978	0.137058	162804872	162807204	162808734	16280980
128 NA18552	[2515685 chr4	4	169184442	169365759	181318	160	0.732345	0.015895	169184090	169184794	169362691	16937002
129 NA18552	[2515685 chr4	4	173799832	173807323	7492	6	-2.273666	0.129239	173799464	173800201	173804255	17381134
130 NA18552	[2515685 chr4	4	183944886	183947025	2140	3	-0.880923	0.113828	183944291	183945482	183946755	18394729
131 NA18552	[2515685 chr4	4	185533276	185544849	11574	12	0.743588	0.056914	185532696	185533857	185543276	18554642
132 NA18552	[2515685 chr4	4	187728494	187732907	4414	15	2.335927	0.058122	187728193	187728795	187732541	18773327
133 NA18552	[2515685 chr4	4	188255523	188269680	14158	235	0.603208	0.012855	188255215	188255831	188269403	18826995
134 NA18552	[2515685 chr4	4	189799455	189806541	7087	10	-0.46649	0.062346	189799180	189799730	189806018	18980706
135 NA18552	[2515685 chr4	4	190528602	190533163	4562	21	-2.780634	0.054789	190528058	190529146	190531664	19053466
136 NA18552	[2515685 chr5	5	261631	269203	7573	25	-0.304332	0.039431	261032	262230	268895	269512
137 NA18552	[2515685 chr5	5	734328	863984	129657	117	-0.377751	0.018238	733972	734685	863592	864376
138 NA18552	[2515685 chr5	5	893737	902652	8916	13	-0.416238	0.054681	893518	893957	902127	903178
139 NA18552	[2515685 chr5	5	1075284	1081260	5977	26	0.266746	0.038665	1074709	1075859	1080755	1081766
140 NA18552	[2515685 chr5	5	1122995	1126517	3523	38	0.559181	0.031983	1122772	1123219	1126389	1126646
141 NA18552	[2515685 chr5	5	1231558	1233247	1690	2	-0.989141	0.13941	1231167	1231949	1232879	1233615
142 NA18552	[2515685 chr5	5	1664589	1681012	16424	7	-0.404828	0.074518	1655788	1667781	1680951	1681074
143 NA18552	[2515685 chr5	5	12863961	12873512	9552	14	-0.620677	0.054964	12863778	12864144	12873198	1287382
144 NA18552	[2515685 chr5	5	17570617	17643104	72488	330	-0.656166	0.010853	17570551	17570684	17642455	1764375
145 NA18552	[2515685 chr5	5	17663728	17667407	3680	8	-0.490828	0.069705	17663473	17663984	17667174	1766764
146 NA18552	[2515685 chr5	5	21483394	21488673	5280	5	-0.52368	0.088171	21480817	21485972	21488439	2148890
147 NA18552	[2515685 chr5	5	21523908	21532321	8414	20	-0.36847	0.044085	21523797	21524019	21532217	2153242
148 NA18552	[2515685 chr5	5	21539920	21557224	17305	33	0.284142	0.03432	21539901	21539939	21556706	2155774
149 NA18552	[2515685 chr5	5	21972952	22050956	78005	119	0.306667	0.018144	21972928	21972976	22050370	2205154
150 NA18552	[2515685 chr5	5	26831997	26837938	5942	6	0.706608	0.084862	26829858	26834136	26837469	2683840
151 NA18552	[2515685 chr5	5	34214373	34221996	7624	23	-0.344389	0.04111	34214196	34214550	34221886	3422210
152 NA18552	[2515685 chr5	5	68887452	68889446	1995	8	0.4984	0.070125	68887180	68887724	68889242	6888965
153 NA18552	[2515685 chr5	5	68903146	68914183	11038	10	0.55582	0.064035	68902441	68903851	68914064	6891430
154 NA18552	[2515685 chr5	5	68973438	68978075	4638	18	-0.403719	0.04647	68973414	68973463	68977738	6897841
155 NA18552	[2515685 chr5	5	69001842	69216118	214277	491	0.274196	0.008898	69001628	69002057	69215664	6921657
156 NA18552	[2515685 chr5	5	69266778	69424934	158157	216	0.305492	0.009994	69265610	69267947	69424531	6942533
157 NA18552	[2515685 chr5	5	69433946	69514569	80624	158	0.305492	0.009994	69433170	69434722	69513457	6951568
158 NA18552	[2515685 chr5	5	69581583	69779602	198020	414	0.271308	0.009704	69581369	69581798	69779323	6977988
159 NA18552	[2515685 chr5	5	69803645	69805874	2230	6	0.53604	0.080488	69803354	69803937	69805774	6980597
160 NA18552	[2515685 chr5	5	69828270	69832909	4640	16	-0.399051	0.049289	69828246	69828295	69832572	6983324
161 NA18552	[2515685 chr5	5	69849554	69854192	4639	16	-0.399051	0.049289	69849530	69849579	69853857	6985452

162 NA18552	[2515685 chr5	5	69884741	70092000	207260	443	0.264867	0.009367	69884503	69884979	70091546	7009245!
163 NA18552	[2515685 chr5	5	70106303	70122148	15846	41	-0.255877	0.030791	70106156	70106451	70122044	7012225:
164 NA18552	[2515685 chr5	5	70141823	70182062	40240	61	0.336797	0.025243	70140660	70142987	70182005	7018211!
165 NA18552	[2515685 chr5	5	70234063	70286789	52727	51	0.456858	0.027693	70233369	70234758	70286122	7028745!
166 NA18552	[2515685 chr5	5	70334592	70336822	2231	6	0.53604	0.080488	70334491	70334694	70336531	7033711-
167 NA18552	[2515685 chr5	5	70377017	70387919	10903	12	0.535929	0.056914	70376734	70377301	70387214	7038862-
168 NA18552	[2515685 chr5	5	70401654	70403953	2300	7	0.506606	0.075032	70401282	70402026	70403337	7040456!
169 NA18552	[2515685 chr5	5	70459489	70464475	4987	14	0.441728	0.052692	70459389	70459590	70464318	7046463:
170 NA18552	[2515685 chr5	5	70474670	70514955	40286	69	0.373392	0.023735	70474613	70474727	70513837	7051607-
171 NA18552	[2515685 chr5	5	70581865	70675183	93319	204	0.269105	0.013804	70581694	70582037	70675014	7067535:
172 NA18552	[2515685 chr5	5	81459213	81466055	6843	2	-1.151823	0.13941	81455614	81462405	81462863	8147028!
173 NA18552	[2515685 chr5	5	93928460	93933101	4642	4	-0.671034	0.098578	93927706	93929215	93931984	9393421!
174 NA18552	[2515685 chr5	5	97426242	97428665	2424	5	0.545002	0.088171	97426041	97426444	97428529	9742880'
175 NA18552	[2515685 chr5	5	98892975	98900161	7187	15	-0.31579	0.050905	98892864	98893087	98900052	9890027!
176 NA18552	[2515685 chr5	5	99408801	99419037	10237	14	-0.462632	0.032859	99408605	99408997	99418328	9941974!
177 NA18552	[2515685 chr5	5	99424905	99431959	7055	15	-0.462632	0.032859	99424257	99425553	99431617	9943230:
178 NA18552	[2515685 chr5	5	99737846	99748483	10638	20	-0.371243	0.044085	99737509	99738184	99748296	9974867'
179 NA18552	[2515685 chr5	5	125364118	125492535	128418	2	0.698351	0.13941	125335472	125367310	125489343	12555622
180 NA18552	[2515685 chr5	5	137835848	137847817	11970	10	0.395706	0.063908	137835611	137836085	137846719	13784891
181 NA18552	[2515685 chr5	5	140203081	140217091	14011	16	2.141928	0.061339	140202344	140203819	140216552	14021763
182 NA18552	[2515685 chr5	5	140217091	140218928	1838	2	1.024785	0.147411	140216552	140217631	140218508	14021934
183 NA18552	[2515685 chr5	5	150156889	150161837	4949	7	-0.694692	0.075335	150156493	150157286	150161621	15016205
184 NA18552	[2515685 chr5	5	150183322	150204419	21098	12	-0.667508	0.05702	150181427	150185218	150204151	15020468
185 NA18552	[2515685 chr5	5	175392637	175397391	4755	8	-0.420121	0.069705	175392088	175393187	175394782	17540000
186 NA18552	[2515685 chr5	5	175547133	175555348	8216	11	-0.313352	0.059445	175546842	175547424	175554929	17555576
187 NA18552	[2515685 chr5	5	180046997	180049857	2861	2	0.716668	0.140337	180046872	180047122	180048976	18005073
188 NA18552	[2515685 chr5	5	180309823	180363417	53595	51	0.456337	0.02783	180309690	180309956	180363120	18036371
189 NA18552	[2515685 chr6	6	121496	124826	3331	2	-0.869783	0.13941	121016	121977	123194	126455
190 NA18552	[2515685 chr6	6	201167	234805	33639	24	-0.316782	0.040244	200920	201415	234242	235368
191 NA18552	[2515685 chr6	6	240929	324395	83467	97	0.386476	0.020018	240278	241581	323926	324865
192 NA18552	[2515685 chr6	6	26840769	26877276	36508	76	-0.265605	0.022615	26840610	26840928	26877118	2687743!
193 NA18552	[2515685 chr6	6	26960263	26968180	7918	17	-0.384361	0.047817	26959735	26960792	26968088	2696827:
194 NA18552	[2515685 chr6	6	29958572	30001954	43383	39	0.335621	0.026648	29957670	29959474	30001801	3000210!
195 NA18552	[2515685 chr6	6	30004580	30017868	13289	11	0.335621	0.026648	30004338	30004822	30017587	3001814!
196 NA18552	[2515685 chr6	6	31345252	31346265	1014	2	-0.744677	0.13941	31344957	31345548	31345931	3134659!
197 NA18552	[2515685 chr6	6	31387065	31394296	7232	12	0.293768	0.057026	31386395	31387736	31394097	3139449!
198 NA18552	[2515685 chr6	6	32564602	32586862	22261	4	-0.911139	0.152252	32564316	32564888	32586127	3258759'
199 NA18552	[2515685 chr6	6	32631127	32632349	1223	2	-0.700616	0.13941	32630911	32631343	32632089	3263261!
200 NA18552	[2515685 chr6	6	32653862	32654720	859	2	1.498042	0.190659	32653679	32654046	32654460	3265498!
201 NA18552	[2515685 chr6	6	32666229	32667673	1445	3	0.73594	0.115469	32665899	32666560	32667507	3266783:
202 NA18552	[2515685 chr6	6	32672888	32680751	7864	7	0.564986	0.075067	32672612	32673164	32680547	3268095!
203 NA18552	[2515685 chr6	6	32711084	32744343	33260	39	0.464624	0.032344	32710454	32711715	32744136	3274455!
204 NA18552	[2515685 chr6	6	35862833	35879904	17072	16	0.454511	0.049527	35862530	35863136	35879292	3588051:
205 NA18552	[2515685 chr6	6	54023043	54087831	64789	65	0.991385	0.025001	54022450	54023636	54086623	5408903:
206 NA18552	[2515685 chr6	6	58359812	58367787	7976	18	-0.362169	0.04647	58359287	58360338	58367676	5836789!
207 NA18552	[2515685 chr6	6	66455162	66461833	6672	5	-0.762105	0.092577	66454046	66456278	66461410	6646225:
208 NA18552	[2515685 chr6	6	67845041	67851028	5988	15	0.262911	0.051753	67844907	67845175	67850924	6785113:
209 NA18552	[2515685 chr6	6	74648985	74654614	5630	10	-2.583616	0.084122	74648748	74649222	74653982	7465524:
210 NA18552	[2515685 chr6	6	77495034	77513511	18478	12	0.727103	0.059272	77493568	77496500	77510011	7751769:
211 NA18552	[2515685 chr6	6	79023318	79093263	69946	69	0.803448	0.024067	79022028	79024609	79091909	7909461!
212 NA18552	[2515685 chr6	6	121032825	121043996	11172	19	0.257238	0.046398	121032497	121033154	121043316	12104467
213 NA18552	[2515685 chr6	6	128347205	128356677	9473	13	0.285694	0.055372	128346664	128347747	128356239	12835711
214 NA18552	[2515685 chr6	6	160056728	160059956	3229	3	-0.737822	0.113828	160055808	160057648	160059674	16006023
215 NA18552	[2515685 chr6	6	161003739	161038394	34656	60	0.529213	0.025449	161003541	161003937	161038184	16103860
216 NA18552	[2515685 chr6	6	168534190	168542443	8254	16	-0.270409	0.049289	168533806	168534574	168539314	16854557

217 NA18552	[2515685 chr6	6	168780035	168781989	1955	4	-0.540001	0.098578	168779504	168780567	168781555	16878242
218 NA18552	[2515685 chr6	6	169324016	169335033	11018	14	-0.717896	0.052692	169323927	169324106	169334364	16933570
219 NA18552	[2515685 chr6	6	170721483	170724403	2921	12	-0.597597	0.056914	170721218	170721749	170724050	17072475
220 NA18552	[2515685 chr7	7	3384111	3392458	8348	7	0.639583	0.074518	3383451	3384772	3390107	339561!
221 NA18552	[2515685 chr7	7	9576370	9681522	105153	102	0.833803	0.019559	9573898	9578721	9679663	968338?
222 NA18552	[2515685 chr7	7	19307726	19311681	3956	5	0.452365	0.088171	19307004	19308449	19311160	1931220;
223 NA18552	[2515685 chr7	7	29443211	29561703	118493	101	0.591789	0.01964	29442384	29444038	29561135	2956227;
224 NA18552	[2515685 chr7	7	62131323	62135875	4553	9	-0.496905	0.065718	62130670	62131977	62135619	6213613
225 NA18552	[2515685 chr7	7	62214747	62249103	34357	141	-0.304151	0.016735	62206024	62217098	62248187	6225001!
226 NA18552	[2515685 chr7	7	62308061	62352319	44259	152	-0.301246	0.016109	62307145	62308978	62352252	6235238
227 NA18552	[2515685 chr7	7	64028465	64046357	17893	49	-0.336336	0.028165	64027806	64029125	64046143	6404657
228 NA18552	[2515685 chr7	7	64464087	64481591	17505	46	-0.351555	0.029069	64463669	64464506	64481417	6448176!
229 NA18552	[2515685 chr7	7	64538610	64556662	18053	48	-0.336347	0.028457	64537873	64539348	64556244	6455708!
230 NA18552	[2515685 chr7	7	64691204	64725545	34342	38	0.360743	0.032254	64690582	64691826	64725209	6472588;
231 NA18552	[2515685 chr7	7	69869623	69871056	1434	2	1.767555	0.145176	69869269	69869978	69870420	6987169;
232 NA18552	[2515685 chr7	7	71938916	71939766	851	5	-0.46036	0.088171	71938731	71939101	71939618	7193991-
233 NA18552	[2515685 chr7	7	75790452	75794984	4533	5	-0.730339	0.088171	75790248	75790656	75794325	7579564;
234 NA18552	[2515685 chr7	7	92972933	92976895	3963	2	1.338733	0.14475	92972732	92973135	92975569	9297822
235 NA18552	[2515685 chr7	7	97032078	97047344	15267	17	-0.615698	0.050242	97031625	97032531	97046973	9704771!
236 NA18552	[2515685 chr7	7	97198480	97205421	6942	16	-0.360106	0.049289	97198242	97198718	97204783	9720606!
237 NA18552	[2515685 chr7	7	97298311	97301957	3647	2	-0.697139	0.13941	97297568	97299055	97301329	9730258!
238 NA18552	[2515685 chr7	7	109034783	109042071	7289	6	1.793663	0.099394	109024063	109037134	109040586	10904355
239 NA18552	[2515685 chr7	7	125639507	125644775	5269	6	-2.217529	0.11935	125639054	125639961	125644046	12564550
240 NA18552	[2515685 chr7	7	126107497	126126371	18875	28	-0.265912	0.037259	126107134	126107861	126125619	12612712
241 NA18552	[2515685 chr7	7	133241895	133257360	15466	15	1.590042	0.059289	133240782	133243008	133255009	13326093
242 NA18552	[2515685 chr7	7	141218636	141247657	29022	30	-0.529215	0.037122	141217990	141219282	141247027	14124828
243 NA18552	[2515685 chr7	7	141496492	141505136	8645	11	-0.420279	0.060343	141495918	141497066	141504428	14150584
244 NA18552	[2515685 chr7	7	141505136	141521152	16017	19	-1.470169	0.054419	141504428	141505844	141520892	14152141
245 NA18552	[2515685 chr7	7	141521152	141527443	6292	10	-0.389862	0.062346	141520892	141521412	141527046	14152784
246 NA18552	[2515685 chr7	7	141959475	141991871	32397	38	-0.699809	0.032223	141958946	141960004	141991092	14199265
247 NA18552	[2515685 chr7	7	142833396	142835577	2182	4	-0.496203	0.098578	142832914	142833879	142835519	14283563
248 NA18552	[2515685 chr7	7	142970751	142972932	2182	4	-0.496204	0.098578	142970694	142970809	142972450	14297341
249 NA18552	[2515685 chr7	7	142991428	143000518	9091	21	-0.293896	0.043023	142991148	142991709	143000258	14300077
250 NA18552	[2515685 chr7	7	143409190	143413236	4047	9	-0.491786	0.065719	143408962	143409419	143413031	14341344
251 NA18552	[2515685 chr7	7	155886350	155893882	7533	5	-0.617679	0.088171	155885986	155886714	155893433	15589433
252 NA18552	[2515685 chr7	7	156939035	156942423	3389	5	-0.657484	0.088171	156938932	156939138	156941474	15694337
253 NA18552	[2515685 chr7	7	156976112	156978464	2353	2	0.797586	0.13941	156975812	156976413	15697896	15697903
254 NA18552	[2515685 chr7	7	158207288	158209880	2593	2	0.87544	0.13941	158206344	158208233	158209333	15821042
255 NA18552	[2515685 chr7	7	158616464	158624379	7916	7	0.671625	0.076303	158616165	158616763	158622028	15862673
256 NA18552	[2515685 chr8	8	1328256	1343509	15254	45	-1.434509	0.029686	1327688	1328824	1342795	1344224
257 NA18552	[2515685 chr8	8	1396135	1398803	2669	4	-0.602922	0.098578	1395585	1396686	1398426	1399187
258 NA18552	[2515685 chr8	8	2202770	2203520	751	3	-0.6326	0.113828	2202506	2203034	2203382	2203659
259 NA18552	[2515685 chr8	8	2238734	2253793	15060	10	0.786905	0.062346	2233839	2241488	2251039	225752!
260 NA18552	[2515685 chr8	8	3722262	3728914	6653	7	0.409354	0.075931	3721968	3722556	3728669	372915!
261 NA18552	[2515685 chr8	8	3773583	3778609	5027	7	-0.871404	0.074602	3773236	3773931	3778103	377911!
262 NA18552	[2515685 chr8	8	4110204	4112526	2323	2	2.590316	0.196723	4109692	4110717	4112031	411302;
263 NA18552	[2515685 chr8	8	5582875	5594011	11137	9	0.710708	0.065719	5582615	5583135	5592820	559520;
264 NA18552	[2515685 chr8	8	6813967	6815529	1563	2	-0.869429	0.13941	6813560	6814375	6815199	681586!
265 NA18552	[2515685 chr8	8	7061162	7075965	14804	24	-0.34737	0.040244	7060897	7061427	7075687	7076244
266 NA18552	[2515685 chr8	8	7097781	7929654	831874	1666	-0.469618	0.004748	7097278	7098285	7929154	793015!
267 NA18552	[2515685 chr8	8	7951432	7966244	14813	38	-0.469618	0.004748	7951122	7951743	7965980	796650!
268 NA18552	[2515685 chr8	8	11903424	11912906	9483	19	-0.283636	0.045231	11902919	11903929	11912660	1191315;
269 NA18552	[2515685 chr8	8	11985533	12022263	36731	65	-0.25088	0.024454	11982232	11988287	12022136	1202239!
270 NA18552	[2515685 chr8	8	12023134	12034819	11686	32	0.551493	0.034853	12022997	12023272	12034665	1203497;
271 NA18552	[2515685 chr8	8	12035286	12072888	37603	77	-0.509943	0.022527	12034973	12035599	12072625	1207315;



272 NA18552	[2515685 chr8	8	12276057	12284041	7985	15	0.473772	0.050905	12275908	12276206	12283622	1228446
273 NA18552	[2515685 chr8	8	12306608	12322179	15572	35	-0.562403	0.033325	12306377	12306840	12321906	1232245
274 NA18552	[2515685 chr8	8	12502944	12510593	7650	22	-0.420499	0.042034	12502935	12502953	12510425	1251076
275 NA18552	[2515685 chr8	8	13509983	13578345	68363	10	0.32844	0.062346	13387457	13512737	13577533	1357915
276 NA18552	[2515685 chr8	8	21661738	21714724	52987	39	-0.256801	0.03157	21660494	21662982	21714490	2171495
277 NA18552	[2515685 chr8	8	58274975	58287850	12876	11	0.727616	0.059445	58274186	58275764	58287616	5828808
278 NA18552	[2515685 chr8	8	58357545	58359483	1939	3	0.659378	0.113828	58357174	58357917	58359260	5835970
279 NA18552	[2515685 chr8	8	85423649	85431920	8272	7	0.946915	0.074507	85423043	85424256	85431347	8543249
280 NA18552	[2515685 chr8	8	86742169	86910255	168087	99	0.712777	0.019818	86741757	86742581	86910002	8691050
281 NA18552	[2515685 chr8	8	120222660	120228243	5584	4	1.034593	0.098578	120218251	120225414	120227679	12022880
282 NA18552	[2515685 chr9	9	310045	313497	3453	62	0.334981	0.025039	309952	310139	312740	314255
283 NA18552	[2515685 chr9	9	33783006	33795723	12718	15	-0.344356	0.050905	33782372	33783640	33794335	3379711
284 NA18552	[2515685 chr9	9	38534534	38561528	26995	16	-0.349085	0.049289	38534046	38535023	38561018	3856203
285 NA18552	[2515685 chr9	9	38766249	38954466	188218	331	-0.276923	0.010853	38766136	38766362	38954213	3895471
286 NA18552	[2515685 chr9	9	39025016	39027704	2689	2	-0.714965	0.13941	39023735	39026298	39027196	3902821
287 NA18552	[2515685 chr9	9	39814186	39815652	1467	2	-0.714484	0.13941	39814035	39814337	39814733	3981657
288 NA18552	[2515685 chr9	9	41144937	41277884	132948	241	-0.278865	0.012727	41144706	41145169	41277725	4127804
289 NA18552	[2515685 chr9	9	41649237	41650704	1468	2	-0.714484	0.13941	41648318	41650157	41650553	4165085
290 NA18552	[2515685 chr9	9	42754727	42756705	1979	3	-0.70982	0.113828	42754385	42755070	42755767	4275764
291 NA18552	[2515685 chr9	9	42875403	42877381	1979	3	-0.70982	0.113828	42875061	42875746	42876443	4287832
292 NA18552	[2515685 chr9	9	43059964	43066832	6869	15	-0.388059	0.050905	43059908	43060020	43066646	4306701
293 NA18552	[2515685 chr9	9	43108218	43117947	9730	22	-0.404878	0.042034	43108056	43108380	43117638	4311825
294 NA18552	[2515685 chr9	9	44389967	44403202	13236	8	0.491641	0.069705	44389400	44390534	44402892	4440351
295 NA18552	[2515685 chr9	9	45378712	45392634	13923	8	0.418382	0.069705	45378536	45378889	45391922	4539334
296 NA18552	[2515685 chr9	9	45441271	45456401	15131	13	0.279213	0.054681	45440324	45442218	45455127	4545767
297 NA18552	[2515685 chr9	9	45591290	45618765	27476	6	-0.483233	0.080488	45589224	45593357	45617464	4562006
298 NA18552	[2515685 chr9	9	65007765	65012118	4354	7	-0.393738	0.074518	65007266	65008264	65011931	6501230
299 NA18552	[2515685 chr9	9	65957375	66149446	192072	318	-0.272429	0.011088	65957144	65957607	66149353	6614953
300 NA18552	[2515685 chr9	9	67357659	67378839	21181	9	-0.434254	0.065719	67355740	67359579	67378627	6737905
301 NA18552	[2515685 chr9	9	80878260	80879919	1660	2	0.715772	0.13941	80877780	80878740	80879539	8088029
302 NA18552	[2515685 chr9	9	89405187	89407924	2738	2	-0.891347	0.13941	89404572	89405803	89407164	8940868
303 NA18552	[2515685 chr9	9	101790936	101804576	13641	10	-0.610412	0.065645	101789706	101792166	101803113	10180603
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305 NA18552	[2515685 chr9	9	112902065	112933534	31470	43	0.696969	0.030061	112901557	112902574	112932917	11293415
306 NA18552	[2515685 chr9	9	135438420	135444067	5648	2	2.487743	0.150859	135383632	135440781	135443016	13544511
307 NA18552	[2515685 chr10	10	170571	172369	1799	2	0.851514	0.13941	170341	170801	171237	173501
308 NA18552	[2515685 chr10	10	6693908	6703893	9986	8	0.772877	0.070015	6692231	6695585	6703779	6704008
309 NA18552	[2515685 chr10	10	19804859	19807915	3057	3	0.579819	0.113828	19804479	19805239	19807504	1980832
310 NA18552	[2515685 chr10	10	20036833	20038315	1483	2	-1.929304	0.145617	20036464	20037202	20038007	2003862
311 NA18552	[2515685 chr10	10	37486514	37527174	40661	62	-0.635545	0.025067	37486043	37486985	37526783	3752756
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313 NA18552	[2515685 chr10	10	45629221	45639867	10647	13	-0.320446	0.054681	45629059	45629383	45639040	4564069
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316 NA18552	[2515685 chr10	10	47214619	47237545	22927	77	-0.401861	0.022468	47214565	47214674	47237269	4723782
317 NA18552	[2515685 chr10	10	47758631	47806251	47621	122	-0.329891	0.017851	47758424	47758839	47806074	4780642
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319 NA18552	[2515685 chr10	10	48414234	48417066	2833	6	0.437263	0.080488	48413828	48414641	48416668	4841746
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323 NA18552	[2515685 chr10	10	51998898	52015981	17084	16	0.254228	0.049289	51998265	51999532	52015679	5201628
324 NA18552	[2515685 chr10	10	52087280	52119235	31956	18	-0.261685	0.04647	52086668	52087892	52117404	5212106
325 NA18552	[2515685 chr10	10	55112552	55116963	4412	3	0.606723	0.114273	55112120	55112985	55116041	5511788
326 NA18552	[2515685 chr10	10	56117212	56139275	22064	20	-0.937113	0.044234	56115764	56118661	56138931	5613961

327 NA18552	[2515685 chr10	10	68157530	68179211	21682	15	0.261195	0.050905	68157292	68157769	68176992	68181437
328 NA18552	[2515685 chr10	10	70951158	70961194	10037	7	-0.719595	0.074518	70949290	70953027	70960964	70961421
329 NA18552	[2515685 chr10	10	81139903	81173619	33717	32	-0.476431	0.034853	81139825	81139981	81171386	81175851
330 NA18552	[2515685 chr10	10	81460101	81493795	33695	30	-0.452449	0.035996	81460023	81460179	81491562	81496501
331 NA18552	[2515685 chr10	10	88760923	88774873	13951	17	-0.323004	0.047817	88759795	88762052	88774243	88775602
332 NA18552	[2515685 chr10	10	88861693	89016296	154604	189	-0.27874	0.014341	88859433	88863954	89014572	89018027
333 NA18552	[2515685 chr10	10	89226862	89249206	22345	25	-0.421377	0.039431	89226229	89227496	89248977	89249431
334 NA18552	[2515685 chr10	10	124336365	124341749	5385	6	0.805639	0.080488	124335581	124337149	124341238	12434226
335 NA18552	[2515685 chr10	10	124349666	124366738	17073	22	-0.600896	0.042034	124349302	124350031	124366300	12436717
336 NA18552	[2515685 chr10	10	133578753	133584218	5466	14	-0.352634	0.052692	133578545	133578962	133583877	13358456
337 NA18552	[2515685 chr10	10	134813662	134816190	2529	3	-0.661848	0.113828	134813181	134814143	134815683	13481669
338 NA18552	[2515685 chr10	10	135179346	135183528	4183	23	0.340121	0.041111	135178919	135179774	135183320	13518373
339 NA18552	[2515685 chr11	11	2840307	2842410	2104	3	1.104976	0.122332	2839959	2840656	2841856	2842965
340 NA18552	[2515685 chr11	11	3628748	3632795	4048	6	-2.538763	0.089529	3625722	3631775	3632594	3632996
341 NA18552	[2515685 chr11	11	4924115	4932599	8485	9	0.677799	0.065719	4923827	4924403	4931948	4933257
342 NA18552	[2515685 chr11	11	5717038	5718491	1454	2	2.24562	0.196708	5716660	5717416	5718038	5718945
343 NA18552	[2515685 chr11	11	5741269	5765093	23825	29	1.306061	0.044544	5741059	5741480	5745555	5765632
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345 NA18552	[2515685 chr11	11	11831868	11833089	1222	2	0.929829	0.161236	11831412	11832324	11832853	11833321
346 NA18552	[2515685 chr11	11	18906905	18923024	16120	29	0.753984	0.036994	18906533	18907278	18919939	18928457
347 NA18552	[2515685 chr11	11	28965605	28968367	2763	3	3.334209	0.171627	28965284	28965927	28967064	28969671
348 NA18552	[2515685 chr11	11	48284073	48284771	699	2	0.699366	0.13941	48283862	48284285	48284572	48284971
349 NA18552	[2515685 chr11	11	48859298	48862876	3579	17	-0.2592	0.047817	48859089	48859508	48862853	48862891
350 NA18552	[2515685 chr11	11	48873806	48877382	3577	18	-0.250333	0.04647	48873783	48873829	48877173	48877591
351 NA18552	[2515685 chr11	11	48996630	49001951	5322	11	0.34399	0.061095	48996501	48996760	49001459	49002447
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357 NA18552	[2515685 chr11	11	60808172	60819905	11734	13	-0.2933	0.054681	60806986	60809359	60819593	60820217
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360 NA18552	[2515685 chr11	11	88266938	88303948	37011	40	0.353052	0.031964	88266424	88267453	88303762	88304131
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363 NA18552	[2515685 chr11	11	134107699	134110673	2975	3	0.746551	0.113828	134106591	134108808	134109982	13411136
364 NA18552	[2515685 chr12	12	398598	404873	6276	14	-0.509056	0.052692	398035	399161	401600	408146
365 NA18552	[2515685 chr12	12	736840	744802	7963	9	0.745768	0.065719	736616	737064	744211	745394
366 NA18552	[2515685 chr12	12	2108401	2127044	18644	16	0.56252	0.049289	2107696	2109107	2126809	2127275
367 NA18552	[2515685 chr12	12	8235890	8271843	35954	48	-0.443648	0.028457	8233704	8238076	8271580	8272107
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370 NA18552	[2515685 chr12	12	9527659	9624971	97313	105	1.177793	0.020101	9526872	9528447	9623223	9626720
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374 NA18552	[2515685 chr12	12	34373586	34651194	277609	71	-0.269595	0.023398	34322089	34377077	34649713	34652671
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383 NA18552	[2515685 chr13	13	18217217	18283441	66225	28	-0.36682	0.037259	18217031	18217404	18282592	18284291
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385 NA18552	[2515685 chr13	13	69633905	69673289	39385	42	0.769074	0.031209	69633412	69634399	69672985	69673591
386 NA18552	[2515685 chr13	13	110502383	110503129	747	3	-0.832131	0.113828	110502225	110502541	110502890	11050336
387 NA18552	[2515685 chr14	14	18435964	18823237	387274	623	-0.318978	0.004933	18435807	18436121	18823059	18823411
388 NA18552	[2515685 chr14	14	18851276	19494842	643567	932	-0.318978	0.004933	18850824	18851728	19494444	19495241
389 NA18552	[2515685 chr14	14	21953267	21966678	13412	18	0.284138	0.04647	21952934	21953600	21966458	21966891
390 NA18552	[2515685 chr14	14	32022775	32026140	3366	2	-0.961046	0.13941	32022274	32023276	32023749	32028531
391 NA18552	[2515685 chr14	14	43571343	43602213	30871	26	-0.702855	0.039674	43571042	43571644	43598358	43606061
392 NA18552	[2515685 chr14	14	45140966	45146022	5057	5	0.471684	0.088171	45139773	45142159	45144564	45147481
393 NA18552	[2515685 chr14	14	59539644	59548439	8796	10	0.372417	0.062346	59539381	59539908	59548016	59548861
394 NA18552	[2515685 chr14	14	73070288	73075916	5629	6	-0.808757	0.083727	73068747	73071829	73075495	73076331
395 NA18552	[2515685 chr14	14	73078488	73089743	11256	11	-0.321091	0.061995	73078161	73078815	73089439	73090041
396 NA18552	[2515685 chr14	14	73094977	73114867	19891	15	0.333626	0.050905	73094620	73095334	73114648	73115081
397 NA18552	[2515685 chr14	14	104766812	104778505	11694	145	0.26829	0.01637	104766457	104767167	104778286	104778721
398 NA18552	[2515685 chr15	15	18906667	18909258	2592	5	-0.514549	0.088171	18906373	18906961	18909066	18909451
399 NA18552	[2515685 chr15	15	18924027	18925225	1199	5	-0.501233	0.088171	18923575	18924480	18924957	18925491
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401 NA18552	[2515685 chr15	15	19795268	19809806	14539	25	-0.258545	0.039604	19795095	19795441	19807597	19812011
402 NA18552	[2515685 chr15	15	20371603	20385080	13478	18	-0.254414	0.04647	20367922	20373912	20384584	20385571
403 NA18552	[2515685 chr15	15	20865501	20868097	2597	5	-0.519859	0.088171	20865204	20865798	20867905	20868291
404 NA18552	[2515685 chr15	15	20882855	20884053	1199	5	-0.501233	0.088171	20882403	20883308	20883785	20884321
405 NA18552	[2515685 chr15	15	21004402	21049779	45378	45	-0.282178	0.02939	21003665	21005140	21049217	21050341
406 NA18552	[2515685 chr15	15	21605983	21614607	8625	8	0.645932	0.076155	21605507	21606459	21612298	21636691
407 NA18552	[2515685 chr15	15	24986053	24992250	6198	7	0.781196	0.075293	24985426	24986680	24991680	24992821
408 NA18552	[2515685 chr15	15	26135294	26137335	2042	4	-0.551204	0.098578	26134997	26135591	26137216	26137451
409 NA18552	[2515685 chr15	15	26679206	26680358	1153	4	-0.500623	0.098578	26678984	26679429	26679905	26680811
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411 NA18552	[2515685 chr15	15	26700617	26702032	1416	5	-0.458614	0.088784	26700567	26700667	26701748	26702311
412 NA18552	[2515685 chr15	15	28177626	28184037	6412	11	-0.297781	0.059445	28177335	28177917	28183447	28184621
413 NA18552	[2515685 chr15	15	30296241	30304780	8540	5	-0.91634	0.088818	30295664	30296819	30302471	30308721
414 NA18552	[2515685 chr15	15	32504316	32507409	3094	3	0.594313	0.113828	32503998	32504634	32506908	32507911
415 NA18552	[2515685 chr15	15	32515477	32592621	77145	63	0.505618	0.025314	32514954	32516000	32592260	32592981
416 NA18552	[2515685 chr15	15	32615681	32630411	14731	17	0.277696	0.047817	32615284	32616079	32629481	32631341
417 NA18552	[2515685 chr15	15	43106834	43111174	4341	5	0.488413	0.088171	43106498	43107171	43111071	43111271
418 NA18552	[2515685 chr15	15	75117585	75119946	2362	4	-1.368963	0.132272	75117343	75117827	75119741	75120151
419 NA18552	[2515685 chr15	15	80432944	80438640	5697	16	0.286892	0.049289	80432697	80433191	80438577	80438701
420 NA18552	[2515685 chr15	15	80743159	80764909	21751	20	0.313082	0.044085	80743085	80743234	80762600	80768311
421 NA18552	[2515685 chr15	15	80822159	80825133	2975	10	0.357541	0.062346	80822085	80822234	80825070	80825191
422 NA18552	[2515685 chr15	15	80974870	80978674	3805	9	0.365889	0.065719	80973972	80975769	80978600	80978741
423 NA18552	[2515685 chr15	15	82333041	82335194	2154	2	-0.781374	0.13941	82332284	82333799	82337429	82335661
424 NA18552	[2515685 chr15	15	82667005	82691307	24303	27	0.280538	0.037943	82663626	82669314	82691060	82691551
425 NA18552	[2515685 chr15	15	83556095	83580413	24319	26	0.3187	0.038665	83552703	83558404	83580171	83580651
426 NA18552	[2515685 chr15	15	100090726	100098359	7634	3	0.608302	0.116046	100090390	100091062	100096050	100102351
427 NA18552	[2515685 chr15	15	100110023	100122682	12660	46	1.025972	0.029056	100108905	100111141	100122315	100123051
428 NA18552	[2515685 chr15	15	100274621	100306935	32315	14	0.271906	0.052692	100269190	100276930	100306372	100307491
429 NA18552	[2515685 chr16	16	2120888	2126876	5989	6	-0.496449	0.080488	2118476	2122769	2125012	2128741
430 NA18552	[2515685 chr16	16	5287117	5290632	3516	2	1.039366	0.15148	5286149	5288085	5288751	5293271
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432 NA18552	[2515685 chr16	16	14694328	14707381	13054	11	-0.372242	0.059445	14693859	14694798	14706351	14708411
433 NA18552	[2515685 chr16	16	14733448	14746503	13056	11	-0.372243	0.059445	14732976	14733921	14745473	14747531
434 NA18552	[2515685 chr16	16	14913066	14914896	1831	6	-0.491209	0.080488	14912404	14913728	14914670	14915121
435 NA18552	[2515685 chr16	16	15154075	15157215	3141	6	-0.494132	0.080488	15153850	15154301	15156426	15158001
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437 NA18552	[2515685 chr16	16	16633469	16639120	5652	4	0.544734	0.098578	16632502	16634437	16638386	1663985-
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439 NA18552	[2515685 chr16	16	21321436	21323686	2251	13	0.434025	0.054681	21321333	21321540	21323533	2132383-
440 NA18552	[2515685 chr16	16	21480136	21489096	8961	9	0.464886	0.065719	21479907	21480366	21488557	2148963-
441 NA18552	[2515685 chr16	16	21753870	21756137	2268	15	0.441748	0.050905	21753767	21753974	21755984	2175629-
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445 NA18552	[2515685 chr16	16	28282839	28367545	84707	126	-0.298738	0.017575	28281962	28283717	28366478	2836861-
446 NA18552	[2515685 chr16	16	28608439	28670097	61659	101	-0.321334	0.019632	28608417	28608462	28669220	2867097-
447 NA18552	[2515685 chr16	16	29300574	29302684	2111	11	0.415369	0.059445	29300408	29300741	29302391	2930297-
448 NA18552	[2515685 chr16	16	29354436	29356009	1574	5	0.463195	0.088171	29354394	29354479	29355377	2935664-
449 NA18552	[2515685 chr16	16	29402841	29404254	1414	9	0.432243	0.065719	29402738	29402945	29404073	2940443-
450 NA18552	[2515685 chr16	16	30142181	30144224	2044	14	0.437746	0.052692	30142078	30142285	30144043	3014440-
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454 NA18552	[2515685 chr16	16	32519395	32606509	87115	168	-0.296037	0.015247	32518693	32520098	32606358	3260666-
455 NA18552	[2515685 chr16	16	32606692	32607163	472	2	-1.77874	0.142548	32606661	32606724	32606727	3260759-
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457 NA18552	[2515685 chr16	16	32835037	32861812	26776	58	-0.307222	0.025888	32834802	32835272	32861366	3286225-
458 NA18552	[2515685 chr16	16	33016481	33018043	1563	4	-0.612291	0.098578	33016187	33016775	33017413	3301867-
459 NA18552	[2515685 chr16	16	33092915	33219046	126132	279	-0.320232	0.011807	33092688	33093142	33217165	3322356-
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463 NA18552	[2515685 chr16	16	34313339	34606125	292787	325	-0.463039	0.011065	34313085	34313594	34605058	3460719-
464 NA18552	[2515685 chr16	16	57204541	57207585	3045	3	3.046511	0.151763	57204170	57204913	57206938	5720823-
465 NA18552	[2515685 chr16	16	68534746	68564761	30016	47	-0.329676	0.028758	68534434	68535058	68563823	6856570-
466 NA18552	[2515685 chr16	16	68703515	68791353	87839	121	-0.430581	0.017923	68702955	68704076	68789873	6879283-
467 NA18552	[2515685 chr16	16	72918987	73022174	103188	154	-0.297568	0.015887	72918157	72919818	73021701	7302264-
468 NA18552	[2515685 chr16	16	76932229	76942282	10054	8	0.581838	0.069705	76931263	76933196	76941602	7694296-
469 NA18552	[2515685 chr16	16	84562720	84565235	2516	11	0.724252	0.059445	84561685	84563756	84565142	8456532-
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472 NA18552	[2515685 chr17	17	18331739	18332345	607	2	-0.998292	0.13941	18331509	18331970	18331978	1833271-
473 NA18552	[2515685 chr17	17	19434989	19435957	969	2	0.904925	0.170043	19434778	19435200	19435581	1943633-
474 NA18552	[2515685 chr17	17	20299935	20300531	597	2	-0.998292	0.13941	20299568	20300303	20300311	2030075-
475 NA18552	[2515685 chr17	17	21942186	21955530	13345	22	-0.432398	0.042034	21941754	21942618	21955191	2195586-
476 NA18552	[2515685 chr17	17	31430406	31457488	27083	47	0.450756	0.028866	31429658	31431155	31457079	3145789-
477 NA18552	[2515685 chr17	17	31531920	31546168	14249	20	0.486564	0.024454	31531695	31532146	31545804	3154653-
478 NA18552	[2515685 chr17	17	31549342	31578624	29283	40	0.486564	0.024454	31548969	31549715	31578609	3157864-
479 NA18552	[2515685 chr17	17	31619971	31647743	27773	37	0.510873	0.025243	31619739	31620204	31647381	3164810-
480 NA18552	[2515685 chr17	17	31650913	31663546	12634	19	0.510873	0.025243	31650540	31651286	31663313	3166378-
481 NA18552	[2515685 chr17	17	32829500	32836899	7400	7	0.461167	0.074518	32828825	32830175	32836555	3283724-
482 NA18552	[2515685 chr17	17	33423761	33430793	7033	11	-0.535926	0.059445	33422990	33424532	33428591	3352929-
483 NA18552	[2515685 chr17	17	33655637	33659558	3922	11	-0.549032	0.059445	33655173	33656102	33658997	3366011-
484 NA18552	[2515685 chr17	17	36675530	36685343	9814	10	-0.625503	0.063375	36675011	36676049	36684647	3668604-
485 NA18552	[2515685 chr17	17	40943910	40970558	26649	35	0.338974	0.033325	40943511	40944309	40970202	4097091-
486 NA18552	[2515685 chr17	17	41035524	41036525	1002	2	0.866269	0.13941	41035120	41035928	41035967	4103708-
487 NA18552	[2515685 chr17	17	41675037	41676708	1672	2	0.866269	0.13941	41673805	41676270	41676309	4167710-
488 NA18552	[2515685 chr17	17	41791035	41928466	137432	130	0.320187	0.017292	41790399	41791672	41927265	4192966-
489 NA18552	[2515685 chr17	17	42035370	42036410	1041	2	0.836076	0.13941	42035302	42035438	42035916	4203690-
490 NA18552	[2515685 chr17	17	42905976	42912650	6675	3	0.875231	0.133357	42905585	42906368	42911014	4291428-
491 NA18552	[2515685 chr17	17	42970703	42977236	6534	12	-0.458922	0.056914	42970185	42971221	42976783	4297769-

492 NA18552	[2515685 chr17	17	60282906	60309866	26961	36	0.309104	0.032859	60282477	60283336	60309366	60310367
493 NA18552	[2515685 chr18	18	14244200	14326118	81919	27	-0.447354	0.037943	14243872	14244529	14325709	14326527
494 NA18552	[2515685 chr18	18	36514289	36521090	6802	6	-0.69307	0.080576	36513759	36514820	36520512	36521669
495 NA18552	[2515685 chr18	18	42745411	42893735	148325	25	-0.398913	0.039431	42518691	42749992	42889154	43011507
496 NA18552	[2515685 chr18	18	61917747	61919854	2108	3	1.466488	0.128865	61917522	61917973	61919012	61920697
497 NA18552	[2515685 chr18	18	74373005	74380900	7896	11	0.300702	0.059445	74372064	74373947	74380208	74381597
498 NA18552	[2515685 chr18	18	74392800	74397377	4578	3	0.846515	0.113828	74390826	74394774	74396965	74397796
499 NA18552	[2515685 chr19	19	36860	61808	24949	11	0.363698	0.059445	35284	38436	61022	62595
500 NA18552	[2515685 chr19	19	310414	312953	2540	14	-0.509928	0.052692	309687	311142	312913	312994
501 NA18552	[2515685 chr19	19	8708780	8762351	53572	92	-0.510801	0.020555	8708296	8709264	8762083	8762626
502 NA18552	[2515685 chr19	19	23007902	23013841	5940	6	0.907239	0.084728	22990964	23010431	23013525	23014157
503 NA18552	[2515685 chr19	19	23108259	23109446	1188	2	1.403946	0.13941	23107903	23108615	23108879	23110017
504 NA18552	[2515685 chr19	19	24152586	24155800	3215	19	-0.399565	0.045231	24152557	24152616	24155376	24156227
505 NA18552	[2515685 chr19	19	34310739	34323079	12341	6	-0.432852	0.080488	34310203	34311275	34322762	34323391
506 NA18552	[2515685 chr19	19	40352813	40355528	2716	3	-0.762039	0.113828	40352601	40353026	40354648	40356409
507 NA18552	[2515685 chr19	19	56881352	56903322	21971	25	-0.271522	0.039431	56881124	56881580	56901393	56905257
508 NA18552	[2515685 chr19	19	58210435	58243318	32884	25	-0.705221	0.039429	58209863	58211007	58242744	58243897
509 NA18552	[2515685 chr19	19	59245304	59252061	6758	7	0.445787	0.074518	59244993	59245616	59251854	59252267
510 NA18552	[2515685 chr19	19	60958920	60976029	17110	15	-0.442095	0.050905	60957933	60959907	60975748	60976316
511 NA18552	[2515685 chr19	19	62680987	62689416	8430	7	0.557983	0.074992	62680661	62681314	62688947	62689887
512 NA18552	[2515685 chr20	20	1483196	1511097	27902	29	-0.282109	0.036611	1482985	1483408	1510534	1511666
513 NA18552	[2515685 chr20	20	1511097	1532477	21381	26	-2.097355	0.04779	1510534	1511660	1532182	1532777
514 NA18552	[2515685 chr20	20	1533078	1544060	10983	16	-0.393135	0.049289	1532773	1533384	1543588	1544533
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517 NA18552	[2515685 chr20	20	25900843	25927359	26517	22	-0.263129	0.042034	25892188	25904253	25927111	25927607
518 NA18552	[2515685 chr20	20	46550145	46555487	5343	4	-0.515678	0.098578	46549463	46550827	46555447	46555527
519 NA18552	[2515685 chr20	20	59979365	59980324	960	3	0.62832	0.113828	59979109	59979622	59979994	59980657
520 NA18552	[2515685 chr20	20	61708204	61711805	3602	23	-0.482286	0.04111	61707836	61708573	61711616	61711997
521 NA18552	[2515685 chr20	20	62066380	62068214	1835	8	1.296651	0.069705	62066146	62066615	62067671	62068757
522 NA18552	[2515685 chr21	21	10055028	10075391	20364	25	0.285744	0.039431	10054484	10055573	10075040	10075747
523 NA18552	[2515685 chr21	21	14143702	14203866	60165	26	-0.411773	0.038665	14142926	14144478	14203389	14204347
524 NA18552	[2515685 chr21	21	22577433	22588071	10639	11	-2.418707	0.082981	22577109	22577758	22587425	22588717
525 NA18552	[2515685 chr22	22	14477274	14832930	355657	663	-0.326534	0.007658	14475442	14479107	14831369	14834449
526 NA18552	[2515685 chr22	22	17033411	17136014	102604	158	-0.271603	0.015685	17032801	17034021	17135493	17136537
527 NA18552	[2515685 chr22	22	17385504	17402646	17143	27	-0.385229	0.037943	17385031	17385977	17402286	17403007
528 NA18552	[2515685 chr22	22	18178327	18248589	70263	13	-0.342972	0.054681	18177412	18179243	18247887	18249297
529 NA18552	[2515685 chr22	22	18698885	19952782	1253898	683	-0.278887	0.00593	18696181	18701563	19952473	19953097
530 NA18552	[2515685 chr22	22	19970040	20240773	270734	396	-0.278887	0.00593	19969841	19970239	20240586	20240967
531 NA18552	[2515685 chr22	22	22616107	22658532	42426	81	-0.300401	0.021935	22615805	22616410	22658034	22659037
532 NA18552	[2515685 chr22	22	22672624	22691501	18878	17	0.706421	0.030573	22672391	22672858	22691088	22691917
533 NA18552	[2515685 chr22	22	22695407	22705459	10053	11	0.706421	0.030573	22695112	22695703	22704883	22706037
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535 NA18552	[2515685 chr22	22	23751856	23757744	5889	6	0.436662	0.080488	23751223	23752490	23757501	23757987
536 NA18552	[2515685 chr22	22	33619409	33622591	3183	4	0.844498	0.098578	33618939	33619879	33622541	33622647
537 NA18552	[2515685 chr22	22	41145365	41152962	7598	11	-0.327213	0.059445	41144977	41145754	41152615	41153307
1 NA18572	[2515685 chr1	1	166386	167177	792	4	-0.304568	0.059436	166125	166648	167132	167223
2 NA18572	[2515685 chr1	1	392807	499758	106952	148	-0.462622	0.008177	387955	396077	499532	499985
3 NA18572	[2515685 chr1	1	563454	676609	113156	150	-0.462622	0.008177	563228	563681	673339	681462
4 NA18572	[2515685 chr1	1	752209	804306	52098	77	0.439282	0.010716	751974	752445	803910	804703
5 NA18572	[2515685 chr1	1	809146	890159	81014	100	0.439282	0.010716	808980	809312	889590	890725
6 NA18572	[2515685 chr1	1	1853012	1854645	1634	2	1.256025	0.100607	1852616	1853409	1853816	1855474
7 NA18572	[2515685 chr1	1	10416438	10418311	1874	2	-0.687025	0.103168	10415863	10417014	10417712	10418917
8 NA18572	[2515685 chr1	1	12829124	12869451	40328	50	0.282261	0.01937	12828579	12829669	12868612	12870297
9 NA18572	[2515685 chr1	1	12883780	12886858	3079	5	0.447389	0.053607	12883337	12884224	12886536	12887187

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13 NA18572	[2515685 chr1	1	13158620	13159168	549	2	0.453479	0.084781	13158367	13158874	13158889	1315944:
14 NA18572	[2515685 chr1	1	13159940	13162706	2767	4	0.474844	0.052645	13159618	13160263	13162366	1316304:
15 NA18572	[2515685 chr1	1	13177342	13197672	20331	13	0.270875	0.029343	13176478	13178206	13197496	1319784:
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17 NA18572	[2515685 chr1	1	13380737	13383503	2767	4	0.474844	0.052645	13380415	13381060	13383163	1338384:
18 NA18572	[2515685 chr1	1	13398137	13418527	20391	13	0.270875	0.029343	13397275	13399000	13418351	1341870:
19 NA18572	[2515685 chr1	1	25330950	25409968	79019	78	0.302636	0.01617	25330662	25331238	25409763	2541017:
20 NA18572	[2515685 chr1	1	72478372	72524180	45809	36	-1.964138	0.039671	72478140	72478604	72523661	7252470:
21 NA18572	[2515685 chr1	1	94869509	94870854	1346	3	0.420623	0.074815	94869219	94869799	94870647	9487106:
22 NA18572	[2515685 chr1	1	105728161	105735462	7302	8	-3.202874	0.11211	105727820	105728503	105734532	10573639
23 NA18572	[2515685 chr1	1	108444641	108449550	4910	9	0.655763	0.051234	108443817	108445466	108449224	10844987
24 NA18572	[2515685 chr1	1	109936541	109965726	29186	31	0.344837	0.025704	109935803	109937279	109965065	10996638
25 NA18572	[2515685 chr1	1	116870606	116915240	44635	54	-0.254092	0.019388	116869172	116872040	116914887	11691559
26 NA18572	[2515685 chr1	1	120244720	120342752	98033	152	0.262919	0.011471	120243262	120246178	120342542	12034296
27 NA18572	[2515685 chr1	1	141915781	141916644	864	3	0.707606	0.070513	141915140	141916422	141916449	14191683
28 NA18572	[2515685 chr1	1	141967283	141968632	1350	4	0.503288	0.051856	141967011	141967556	141968396	14196886
29 NA18572	[2515685 chr1	1	141971552	141976016	4465	15	0.412059	0.031323	141971472	141971633	141975838	14197619
30 NA18572	[2515685 chr1	1	142096128	142096822	695	2	0.628798	0.076477	142095585	142096671	142096672	14209697
31 NA18572	[2515685 chr1	1	142438646	142569435	130790	159	0.341815	0.011498	142438189	142439104	142568775	14257009
32 NA18572	[2515685 chr1	1	142744385	142745273	889	2	0.935923	0.119983	142743794	142744976	142745023	14274552
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35 NA18572	[2515685 chr1	1	145100273	145104402	4130	11	0.435051	0.037823	145100193	145100354	145104354	14510445
36 NA18572	[2515685 chr1	1	145819541	145821079	1539	2	0.80413	0.10747	145819262	145819821	145820633	14582152
37 NA18572	[2515685 chr1	1	145929568	145951531	21964	26	0.388955	0.029131	145929405	145929732	145951467	14595159
38 NA18572	[2515685 chr1	1	146331638	146340401	8764	27	0.351584	0.022839	146331441	146331836	146340086	14634071
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40 NA18572	[2515685 chr1	1	148998878	149005918	7041	13	0.928645	0.028533	148998401	148999355	149004680	14900715
41 NA18572	[2515685 chr1	1	149573821	149583431	9611	5	0.885236	0.077042	149573460	149574182	149582912	14958395
42 NA18572	[2515685 chr1	1	158224068	158264535	40468	49	0.339942	0.014635	158223552	158224584	158264300	15826477
43 NA18572	[2515685 chr1	1	193443035	193552515	109481	94	0.349304	0.01556	193442791	193443280	193551981	19355305
44 NA18572	[2515685 chr1	1	193619849	193650443	30595	24	0.259711	0.028953	193619444	193620254	193650245	19365064
45 NA18572	[2515685 chr1	1	204085589	204139817	54229	73	-0.275658	0.013409	204085310	204085868	204139535	20414009
46 NA18572	[2515685 chr1	1	226117234	226125723	8490	2	-0.617319	0.11283	226114786	226119683	226122453	22612975
47 NA18572	[2515685 chr1	1	236719047	236720968	1922	3	-2.859857	0.143338	236718751	236719344	236720749	23672118
48 NA18572	[2515685 chr1	1	243009520	243011368	1849	3	-0.53163	0.082335	243008430	243010610	243011204	24301153
49 NA18572	[2515685 chr1	1	244850108	244851538	1431	2	0.592338	0.114533	244849536	244850681	244851004	24485207
50 NA18572	[2515685 chr1	1	245053742	245055036	1295	2	-0.869215	0.16388	245053467	245054017	245054669	24505540
51 NA18572	[2515685 chr1	1	245065841	245121920	56080	53	-0.685885	0.021231	245065663	245066019	245121605	24512223
52 NA18572	[2515685 chr2	2	296456	298925	2470	8	-0.822581	0.056622	296213	296699	298661	299185
53 NA18572	[2515685 chr2	2	34606442	34644767	38326	39	0.601151	0.02593	34601818	34609397	34641812	3464839
54 NA18572	[2515685 chr2	2	52661573	52696869	35297	26	-0.783057	0.033599	52661218	52661928	52696416	5269732:
55 NA18572	[2515685 chr2	2	56563622	56567381	3760	2	2.213643	0.21738	56556559	56566577	56567035	5656772:
56 NA18572	[2515685 chr2	2	61675589	61676777	1189	2	1.384351	0.145382	61675200	61675979	61676468	6167708:
57 NA18572	[2515685 chr2	2	66416834	66420210	3377	2	-0.583698	0.095084	66416385	66417284	66419065	6642135:
58 NA18572	[2515685 chr2	2	73945377	73947364	1988	4	0.333596	0.057662	73945149	73945606	73947215	7394751:
59 NA18572	[2515685 chr2	2	87044462	87059575	15114	24	0.30238	0.023977	87044084	87044841	87059360	8705979:
60 NA18572	[2515685 chr2	2	88121358	88126839	5482	10	0.316746	0.04442	88121177	88121539	88126458	8812722:
61 NA18572	[2515685 chr2	2	95955128	96003260	48133	8	-0.25528	0.04828	95955106	95955151	96001311	9600520:
62 NA18572	[2515685 chr2	2	97184386	97189737	5352	2	-0.637987	0.104602	97182781	97185992	97186782	9719672:
63 NA18572	[2515685 chr2	2	97280360	97321410	41051	51	-0.301608	0.019806	97279637	97281084	97321388	9732143:
64 NA18572	[2515685 chr2	2	97603653	97610616	6964	6	-0.315345	0.054179	97600155	97606608	97610541	9761069:

65 NA18572	[2515685 chr2	2	97613796	97614932	1137	2	1.519699	0.139086	97613553	97614040	97614467	97615391
66 NA18572	[2515685 chr2	2	106338419	106344320	5902	7	-0.5174	0.063406	106337769	106339069	106344055	10634458
67 NA18572	[2515685 chr2	2	107475477	107477568	2092	2	-1.056598	0.142633	107474333	107476621	107477239	10747789
68 NA18572	[2515685 chr2	2	112312740	112320429	7690	9	0.268082	0.045402	112312045	112313436	112319833	11232102
69 NA18572	[2515685 chr2	2	126159437	126168349	8913	3	-0.764676	0.09017	126158494	126160381	126168048	12616865
70 NA18572	[2515685 chr2	2	132846945	132880524	33580	30	0.326153	0.027546	132846760	132847131	132880298	13288075
71 NA18572	[2515685 chr2	2	153622711	153625256	2546	3	0.749382	0.095238	153621175	153624247	153625088	15362542
72 NA18572	[2515685 chr2	2	208176479	208184457	7979	7	0.713526	0.06112	208176093	208176865	208183930	20818498
73 NA18572	[2515685 chr2	2	228717927	228730812	12886	3	-0.7212	0.082815	228715615	228720239	228730139	22873148
74 NA18572	[2515685 chr2	2	242661256	242662332	1077	7	0.268224	0.051866	242661125	242661388	242662217	24266244
75 NA18572	[2515685 chr2	2	242664580	242668683	4104	10	2.28415	0.054443	242664284	242664877	242668532	24266883
76 NA18572	[2515685 chr2	2	242668683	242777652	108970	175	0.324002	0.011205	242668532	242668835	242777538	24277776
77 NA18572	[2515685 chr3	3	1757211	1765705	8495	2	0.665019	0.116871	1756096	1758327	1762058	1797300
78 NA18572	[2515685 chr3	3	6622784	6629620	6837	6	-0.661082	0.058665	6492869	6626431	6629261	6629980
79 NA18572	[2515685 chr3	3	37954149	37962148	8000	10	-0.611663	0.047498	37953404	37954894	37961762	3796253
80 NA18572	[2515685 chr3	3	68821474	68830847	9374	17	-1.27629	0.050528	68818894	68824055	68830417	6883127
81 NA18572	[2515685 chr3	3	133191392	133196576	5185	5	-0.701969	0.067564	133190820	133191965	133195824	13319732
82 NA18572	[2515685 chr3	3	139287051	139289507	2451	3	0.523356	0.102421	139286041	139288073	139289200	13928981
83 NA18572	[2515685 chr3	3	164200660	164205886	5227	5	-0.711873	0.08671	164200187	164201133	164204674	16420709
84 NA18572	[2515685 chr3	3	176561952	176567506	5555	5	-0.801076	0.083286	176560250	176563654	176565991	17656902
85 NA18572	[2515685 chr3	3	192547312	192554331	7020	10	0.778116	0.052783	192546950	192547674	192554127	19255453
86 NA18572	[2515685 chr3	3	196679304	196713768	34465	36	0.534615	0.018968	196677636	196680972	196711768	19671576
87 NA18572	[2515685 chr3	3	196946678	196958848	12171	10	-0.419196	0.048024	196946096	196947261	196956437	19696126
88 NA18572	[2515685 chr3	3	196994475	197002965	8491	10	0.535812	0.04577	196994054	196994896	197002044	19700388
89 NA18572	[2515685 chr3	3	198422794	198427408	4615	2	0.906963	0.142921	198422381	198423207	198423959	19843085
90 NA18572	[2515685 chr3	3	199383185	199387297	4113	6	0.413272	0.064506	199382863	199383507	199384743	19938985
91 NA18572	[2515685 chr4	4	8998178	9046719	48542	87	0.765034	0.010076	8850774	9001243	9046129	9047305
92 NA18572	[2515685 chr4	4	9812346	9813108	763	33	0.672525	0.019942	9812284	9812408	9812952	9813261
93 NA18572	[2515685 chr4	4	9887220	9910115	22896	30	1.558093	0.039475	9886886	9887555	9909843	9910388
94 NA18572	[2515685 chr4	4	34602797	34650994	48198	45	0.724036	0.024323	34601994	34603600	34649535	3465245
95 NA18572	[2515685 chr4	4	49121744	49174406	52663	193	0.329908	0.008364	49121741	49121747	49174404	49174405
96 NA18572	[2515685 chr4	4	49353231	49361409	8179	14	0.343958	0.031502	49352892	49353570	49359431	4936338
97 NA18572	[2515685 chr4	4	63500375	63504889	4515	5	-0.84454	0.086684	63494261	63503440	63504639	63505140
98 NA18572	[2515685 chr4	4	70206173	70211038	4866	6	0.31851	0.063547	70205193	70207154	70209639	7021243
99 NA18572	[2515685 chr4	4	70329576	70418701	89126	87	0.450386	0.016799	70329375	70329777	70418467	70418931
100 NA18572	[2515685 chr4	4	122639779	122647776	7998	6	-0.873405	0.06468	122639003	122640555	122647404	12264814
101 NA18572	[2515685 chr4	4	133536193	133540723	4531	3	-0.562886	0.100658	133531398	133539258	133540462	13354098
102 NA18572	[2515685 chr4	4	138537751	138549906	12156	14	0.873262	0.04694	138537443	138538059	138547414	13855239
103 NA18572	[2515685 chr4	4	145238696	145250378	11683	10	-0.33141	0.0492	145236919	145240473	145250020	14525073
104 NA18572	[2515685 chr4	4	162806038	162809269	3232	3	0.805659	0.089984	162804872	162807204	162808734	16280980
105 NA18572	[2515685 chr4	4	169183401	169368370	184970	163	0.698378	0.012387	169182712	169184090	169366713	16937002
106 NA18572	[2515685 chr4	4	173799832	173807320	7489	6	-2.251849	0.119006	173799464	173800201	173804255	17381134
107 NA18572	[2515685 chr4	4	185533276	185534552	1277	2	0.671285	0.129786	185532696	185533857	185534150	18553495
108 NA18572	[2515685 chr4	4	185535274	185544849	9576	9	0.831421	0.052206	185534955	185535593	185543276	18554642
109 NA18572	[2515685 chr4	4	186816666	186819359	2694	4	3.154565	0.150025	186816420	186816912	186819049	18681967
110 NA18572	[2515685 chr4	4	187728494	187732907	4414	15	1.76946	0.049531	187728193	187728795	187732541	18773327
111 NA18572	[2515685 chr4	4	188255523	188269680	14158	235	0.536883	0.008674	188255215	188255831	188269403	18826995
112 NA18572	[2515685 chr4	4	189799455	189807562	8108	11	-0.376957	0.043187	189799180	189799730	189807064	18980806
113 NA18572	[2515685 chr4	4	190528602	190533163	4562	21	-2.4078	0.044017	190528058	190529146	190531664	19053466
114 NA18572	[2515685 chr5	5	520743	523903	3161	9	0.330288	0.049386	520428	521059	523590	524217
115 NA18572	[2515685 chr5	5	810517	820048	9532	12	0.412724	0.045596	809997	811038	819824	820272
116 NA18572	[2515685 chr5	5	1075284	1079920	4637	24	0.321243	0.027817	1074709	1075859	1079566	1080275
117 NA18572	[2515685 chr5	5	1223248	1223930	683	5	1.119332	0.063024	1223057	1223439	1223854	1224007
118 NA18572	[2515685 chr5	5	17570617	17643104	72488	331	-0.398537	0.005845	17570551	17570684	17642455	1764375
119 NA18572	[2515685 chr5	5	17663728	17667407	3680	8	-0.339995	0.041849	17663473	17663984	17667174	1766764

120 NA18572	[2515685 chr5	5	19410747	19412172	1426	3	0.732937	0.091347	19410189	19411305	19411980	1941236!
121 NA18572	[2515685 chr5	5	21483394	21488147	4754	4	-1.952858	0.10175	21480817	21485972	21487855	2148843!
122 NA18572	[2515685 chr5	5	26831997	26837938	5942	6	0.679871	0.066164	26829858	26834136	26837469	2683840!
123 NA18572	[2515685 chr5	5	62076138	62139610	63473	61	0.437394	0.018579	62075480	62076797	62138051	6214117!
124 NA18572	[2515685 chr5	5	69404835	69411352	6518	6	0.505081	0.04683	69404157	69405513	69410702	6941200!
125 NA18572	[2515685 chr5	5	70280260	70286789	6530	6	0.498679	0.046382	70279582	70280938	70286122	7028745!
126 NA18572	[2515685 chr5	5	70340791	70346521	5731	7	0.475316	0.060474	70340046	70341537	70346074	7034696!
127 NA18572	[2515685 chr5	5	81459213	81466055	6843	2	-1.323469	0.118528	81455614	81462405	81462863	8147028!
128 NA18572	[2515685 chr5	5	85552077	85556158	4082	2	0.562685	0.105101	85551422	85552732	85555891	8555642!
129 NA18572	[2515685 chr5	5	97427204	97428353	1150	2	0.920742	0.11884	97426913	97427496	97428177	9742852!
130 NA18572	[2515685 chr5	5	97465497	97467027	1531	3	-0.485124	0.088526	97465358	97465637	97466801	9746725!
131 NA18572	[2515685 chr5	5	99408801	99419037	10237	14	-0.650313	0.040076	99408605	99408997	99418328	9941974!
132 NA18572	[2515685 chr5	5	137835178	137844134	8957	8	0.446526	0.055984	137834745	137835611	137843310	13784495!
133 NA18572	[2515685 chr5	5	140203081	140218928	15848	20	1.906458	0.049229	140202344	140203819	140218508	14021934!
134 NA18572	[2515685 chr5	5	150157909	150161837	3929	6	-1.841509	0.08851	150157286	150158532	150161621	15016205!
135 NA18572	[2515685 chr5	5	150183322	150203144	19823	10	-1.626924	0.065421	150181427	150185218	150202838	15020345!
136 NA18572	[2515685 chr5	5	150203144	150204419	1276	2	-0.725648	0.105535	150202838	150203451	150204151	15020468!
137 NA18572	[2515685 chr5	5	165157996	165161604	3609	2	-0.63394	0.122377	165155280	165160712	165160802	16516240!
138 NA18572	[2515685 chr5	5	180272463	180280227	7765	6	-0.360062	0.065032	180271275	180273651	180277035	18028376!
139 NA18572	[2515685 chr5	5	180308895	180363417	54523	54	0.464756	0.02071	180308688	180309103	180363120	18036371!
140 NA18572	[2515685 chr5	5	180712241	180820558	108318	138	-0.478885	0.012472	180707313	180715433	180820332	18082078!
141 NA18572	[2515685 chr6	6	18689	66741	48053	69	-0.529161	0.017245	15669	21709	63238	71418
142 NA18572	[2515685 chr6	6	201823	327656	125834	128	0.369275	0.012982	201415	202232	326993	328320
143 NA18572	[2515685 chr6	6	26764826	26766683	1858	2	-0.744671	0.119861	26764639	26765013	26766181	2676718!
144 NA18572	[2515685 chr6	6	31383567	31386100	2534	3	-0.700954	0.106501	31383185	31383949	31385806	3138639!
145 NA18572	[2515685 chr6	6	32557802	32558865	1064	2	0.929639	0.11963	32557647	32557958	32558698	3255903!
146 NA18572	[2515685 chr6	6	32565102	32586862	21761	3	-2.604237	0.252352	32564888	32565316	32586127	3258759!
147 NA18572	[2515685 chr6	6	32605125	32605958	834	2	-2.567161	0.171538	32604923	32605328	32605760	3260615!
148 NA18572	[2515685 chr6	6	32631127	32632349	1223	2	-0.680486	0.122753	32630911	32631343	32632089	3263261!
149 NA18572	[2515685 chr6	6	32644822	32651918	7097	5	0.608414	0.092705	32644460	32645184	32651147	3265268!
150 NA18572	[2515685 chr6	6	32653862	32654720	859	2	1.961775	0.231559	32653679	32654046	32654460	3265498!
151 NA18572	[2515685 chr6	6	32661503	32664861	3359	2	0.58426	0.104133	32660912	32662094	32663824	3266589!
152 NA18572	[2515685 chr6	6	32666229	32667673	1445	3	0.905715	0.089346	32665899	32666560	32667507	3266783!
153 NA18572	[2515685 chr6	6	32702716	32705737	3022	3	-1.359645	0.082018	32702285	32703148	32704019	3270745!
154 NA18572	[2515685 chr6	6	32712337	32728733	16397	16	0.516143	0.026946	32712193	32712482	32728515	3272895!
155 NA18572	[2515685 chr6	6	32735984	32744343	8360	14	0.516143	0.026946	32735718	32736251	32744136	3274455!
156 NA18572	[2515685 chr6	6	32753162	32760803	7642	4	0.435904	0.072767	32745721	32756665	32760588	3276101!
157 NA18572	[2515685 chr6	6	32775535	32777812	2278	3	0.547753	0.104138	32775260	32775810	32777125	3277849!
158 NA18572	[2515685 chr6	6	35862833	35874426	11594	13	0.366898	0.040625	35862530	35863136	35873957	3587489!
159 NA18572	[2515685 chr6	6	54036900	54042384	5485	5	1.99216	0.130622	54036573	54037227	54041771	5404299!
160 NA18572	[2515685 chr6	6	74648985	74658750	9766	11	-0.558026	0.050228	74648748	74649222	74655247	7466226!
161 NA18572	[2515685 chr6	6	77495034	77513514	18481	12	0.585806	0.049889	77493568	77496500	77510011	7751769!
162 NA18572	[2515685 chr6	6	79023318	79093263	69946	70	0.682602	0.019898	79022028	79024609	79091909	7909461!
163 NA18572	[2515685 chr6	6	103844685	103871201	26517	16	1.491369	0.064098	103844347	103845023	103868241	10387416!
164 NA18572	[2515685 chr6	6	115492959	115494541	1583	2	0.919044	0.138422	115492678	115493240	115494140	11549494!
165 NA18572	[2515685 chr6	6	120671191	120671916	726	2	1.117873	0.119171	120670696	120671686	120671725	12067210!
166 NA18572	[2515685 chr6	6	160056728	160058998	2271	2	-0.817709	0.090602	160055808	160057648	160058322	16005967!
167 NA18572	[2515685 chr6	6	161001907	161040123	38217	64	0.53797	0.011942	161001167	161002648	161039033	16104121!
168 NA18572	[2515685 chr6	6	168453011	168456762	3752	3	0.46571	0.08461	168452611	168453411	168456200	16845732!
169 NA18572	[2515685 chr6	6	168780035	168781989	1955	4	-0.348759	0.069647	168779504	168780567	168781555	16878242!
170 NA18572	[2515685 chr6	6	169323803	169339206	15404	16	-0.554903	0.040639	169323679	169323927	169335703	16934367!
171 NA18572	[2515685 chr6	6	170603879	170604666	788	2	-1.475185	0.11431	170603541	170604217	170604339	17060499!
172 NA18572	[2515685 chr6	6	170852395	170961212	108818	127	-0.498169	0.012865	170849927	170854863	170960986	17096143!
173 NA18572	[2515685 chr7	7	113212	116134	2923	12	0.414889	0.047188	113146	113279	115995	116273
174 NA18572	[2515685 chr7	7	247388	254518	7131	9	-0.719933	0.052611	247117	247659	254199	254838



175 NA18572	[2515685 chr7	7	929017	930663	1647	5	0.327676	0.065228	928626	929408	930382	930945
176 NA18572	[2515685 chr7	7	1084125	1086660	2536	15	0.456456	0.037284	1083752	1084499	1085871	1087445
177 NA18572	[2515685 chr7	7	3384111	3392457	8347	8	0.746288	0.055947	3383451	3384772	3390107	3395615
178 NA18572	[2515685 chr7	7	38159778	38177664	17887	19	-0.333858	0.032131	38159476	38160081	38177341	38177987
179 NA18572	[2515685 chr7	7	38284545	38286283	1739	2	-0.560636	0.103506	38284034	38285057	38285558	38287001
180 NA18572	[2515685 chr7	7	43775620	43789873	14254	17	0.30113	0.030588	43775434	43775807	43789550	43790191
181 NA18572	[2515685 chr7	7	56654798	56670462	15665	12	0.325095	0.02953	56654171	56655425	56670409	56670511
182 NA18572	[2515685 chr7	7	62131323	62135875	4553	9	-0.37995	0.047214	62130670	62131977	62135619	62136133
183 NA18572	[2515685 chr7	7	62155321	62193125	37805	106	-0.254363	0.014066	62154667	62155975	62192933	62193317
184 NA18572	[2515685 chr7	7	62223671	62247077	23407	89	-0.341393	0.015839	62223604	62223738	62246794	62247361
185 NA18572	[2515685 chr7	7	62309817	62333584	23768	89	-0.341824	0.015849	62309804	62309830	62333517	62333657
186 NA18572	[2515685 chr7	7	62552733	62553675	943	3	-0.565291	0.081811	62552316	62553150	62553465	62553881
187 NA18572	[2515685 chr7	7	62651575	62670113	18539	9	0.345002	0.030317	62650114	62653036	62667763	62673267
188 NA18572	[2515685 chr7	7	63995985	64010720	14736	18	0.299518	0.035	63995676	63996294	64010307	64011137
189 NA18572	[2515685 chr7	7	64036058	64045487	9430	26	-0.323026	0.027928	64035864	64036252	64045069	64045901
190 NA18572	[2515685 chr7	7	64464087	64481591	17505	46	-0.267432	0.020531	64463669	64464506	64481417	64481761
191 NA18572	[2515685 chr7	7	64538610	64556662	18053	48	-0.258629	0.019848	64537873	64539348	64556244	64557081
192 NA18572	[2515685 chr7	7	64690171	64725545	35375	39	0.385912	0.022546	64689761	64690582	64725209	64725887
193 NA18572	[2515685 chr7	7	69869623	69871056	1434	2	2.490466	0.151633	69869269	69869978	69870420	69871697
194 NA18572	[2515685 chr7	7	89455601	89456632	1032	2	3.975748	0.202353	89455373	89455830	89456225	89457037
195 NA18572	[2515685 chr7	7	90676411	90686518	10108	14	-0.680349	0.043684	90674727	90678095	90685238	90687797
196 NA18572	[2515685 chr7	7	92971481	92976895	5415	4	0.656978	0.086251	92971060	92971903	92975569	92978227
197 NA18572	[2515685 chr7	7	101739942	101746499	6558	7	0.357782	0.041254	101739929	101739956	101745864	10174713
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201 NA18572	[2515685 chr7	7	109034784	109046722	11939	9	1.497581	0.074523	109024063	109037134	109046491	109046957
202 NA18572	[2515685 chr7	7	109776378	109782655	6278	5	0.828799	0.076451	109775821	109776936	109782301	109783017
203 NA18572	[2515685 chr7	7	125639507	125644775	5269	6	-2.503633	0.121688	125639054	125639961	125644046	125645507
204 NA18572	[2515685 chr7	7	133241895	133257359	15465	16	1.613529	0.053037	133240782	133243008	133255009	133260937
205 NA18572	[2515685 chr7	7	141239940	141241109	1170	2	0.585651	0.115644	141239521	141240359	141240873	141241347
206 NA18572	[2515685 chr7	7	141495319	141526577	31259	40	0.38381	0.02272	141494721	141495918	141526109	141527047
207 NA18572	[2515685 chr7	7	142851001	142854187	3187	6	-0.341655	0.057995	142850793	142851209	142853734	142854647
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209 NA18572	[2515685 chr7	7	143472403	143473797	1395	5	-0.913964	0.063306	143472142	143472664	143473766	143473827
210 NA18572	[2515685 chr7	7	152288920	152291875	2956	3	0.540629	0.098797	152288338	152289503	152291299	152292457
211 NA18572	[2515685 chr7	7	157017083	157018249	1167	2	0.837215	0.117192	157016604	157017563	157017820	157018677
212 NA18572	[2515685 chr7	7	158207288	158209880	2593	2	0.909151	0.120372	158206344	158208233	158209333	158210427
213 NA18572	[2515685 chr7	7	158617060	158624378	7319	6	0.796741	0.069979	158616763	158617357	158622028	158626727
214 NA18572	[2515685 chr8	8	13248	121240	107993	134	-0.483445	0.012652	12957	13540	118483	126606
215 NA18572	[2515685 chr8	8	170552	176309	5758	8	0.424082	0.059485	169851	171254	176113	176505
216 NA18572	[2515685 chr8	8	234324	265743	31420	40	0.381596	0.024048	233786	234863	265628	265855
217 NA18572	[2515685 chr8	8	314016	317019	3004	5	0.545827	0.063007	313588	314445	316753	317286
218 NA18572	[2515685 chr8	8	366244	380021	13778	22	0.394927	0.03018	366066	366422	379629	380414
219 NA18572	[2515685 chr8	8	1328256	1343509	15254	45	-1.148631	0.021683	1327688	1328824	1342795	1344224
220 NA18572	[2515685 chr8	8	2238731	2253796	15066	10	0.650291	0.050235	2233839	2241488	2251039	2257521
221 NA18572	[2515685 chr8	8	4110204	4112526	2323	2	2.522722	0.190503	4109692	4110717	4112031	4113027
222 NA18572	[2515685 chr8	8	4272758	4275411	2654	2	-0.631474	0.107198	4272492	4273025	4275081	4275747
223 NA18572	[2515685 chr8	8	5582875	5594011	11137	8	0.648802	0.052197	5582615	5583135	5592820	5595203
224 NA18572	[2515685 chr8	8	5783912	5787620	3709	2	0.869935	0.133542	5783629	5784195	5787330	5787917
225 NA18572	[2515685 chr8	8	6026851	6032618	5768	7	-0.305839	0.058205	6026540	6027162	6032363	6032874
226 NA18572	[2515685 chr8	8	6107652	6112419	4768	5	-0.922845	0.076076	6107341	6107963	6111398	6113444
227 NA18572	[2515685 chr8	8	6817073	6866734	49662	88	0.368185	0.01236	6816809	6817338	6866719	6866751
228 NA18572	[2515685 chr8	8	7100329	7140759	40431	181	-0.358911	0.007702	7099913	7100745	7140745	7140773
229 NA18572	[2515685 chr8	8	7176337	7187896	11560	32	0.660265	0.027044	7176045	7176630	7187590	7188202

230 NA18572	[2515685 chr8	8	7392777	7429111	36335	153	-0.36821	0.008355	7392055	7393500	7428693	7429525
231 NA18572	[2515685 chr8	8	7609134	7669460	60327	271	-0.340162	0.006226	7608453	7609815	7669424	7669496
232 NA18572	[2515685 chr8	8	7862335	7873897	11563	33	0.68473	0.025993	7862030	7862641	7873605	7874190
233 NA18572	[2515685 chr8	8	7903980	7928723	24744	96	-0.335624	0.010893	7903568	7904392	7928292	7929154
234 NA18572	[2515685 chr8	8	12023188	12034819	11632	31	0.695194	0.028179	12022997	12023380	12034665	12034971
235 NA18572	[2515685 chr8	8	12064450	12071763	7314	24	-0.339788	0.023077	12064237	12064663	12071614	12071911
236 NA18572	[2515685 chr8	8	12276602	12284041	7440	14	0.553803	0.037996	12276206	12276998	12283622	12284461
237 NA18572	[2515685 chr8	8	12313731	12321305	7575	22	-0.332883	0.023679	12313518	12313944	12321063	12321544
238 NA18572	[2515685 chr8	8	25028407	25046917	18511	15	-0.782856	0.040762	25027885	25028930	25046777	25047051
239 NA18572	[2515685 chr8	8	39352204	39506673	154470	161	0.64298	0.013258	39351913	39352495	39505284	39508061
240 NA18572	[2515685 chr8	8	51193670	51201152	7483	11	-0.741766	0.05085	51193335	51194005	51200867	51201431
241 NA18572	[2515685 chr8	8	54001807	54002677	871	2	-0.797141	0.125858	54001673	54001942	54002470	54002881
242 NA18572	[2515685 chr8	8	58278355	58287850	9496	8	0.53621	0.042826	58277116	58279595	58287616	58288081
243 NA18572	[2515685 chr8	8	85423649	85431920	8272	7	0.842296	0.064493	85423043	85424256	85431347	85432491
244 NA18572	[2515685 chr8	8	86742169	86910255	168087	105	0.310631	0.009856	86741757	86742581	86910002	86910501
245 NA18572	[2515685 chr8	8	91259631	91262638	3008	2	-0.773289	0.113338	91259228	91260034	91260763	91264511
246 NA18572	[2515685 chr8	8	120222657	120229952	7296	6	0.691661	0.067865	120218251	120225414	120229434	120230471
247 NA18572	[2515685 chr9	9	138435	280093	141659	178	0.28044	0.008607	138239	138631	279421	280765
248 NA18572	[2515685 chr9	9	310045	312573	2529	61	0.28044	0.008607	309952	310139	312407	312740
249 NA18572	[2515685 chr9	9	28836246	28838385	2140	2	-0.801407	0.110117	28835879	28836613	28837661	28839111
250 NA18572	[2515685 chr9	9	40730670	40734310	3641	7	0.284285	0.048519	40730592	40730749	40733280	40735341
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253 NA18572	[2515685 chr9	9	101763448	101766046	2599	3	-0.803359	0.102851	101763269	101763628	101764628	101767461
254 NA18572	[2515685 chr9	9	101795950	101804576	8627	7	-0.763605	0.066757	101795517	101796383	101803113	101806031
255 NA18572	[2515685 chr9	9	101902554	101953374	50821	46	-0.69489	0.023425	101902324	101902785	101951008	101957451
256 NA18572	[2515685 chr9	9	112902065	112932269	30205	42	-0.81625	0.015732	112901557	112902574	112931621	112932911
257 NA18572	[2515685 chr9	9	135438415	135444067	5653	2	2.204371	0.13902	135383632	135440781	135443016	135445111
258 NA18572	[2515685 chr9	9	138397610	138399638	2029	10	0.380223	0.050609	138397471	138397749	138399572	138399701
259 NA18572	[2515685 chr10	10	170571	172369	1799	2	0.747214	0.100868	170341	170801	171237	173501
260 NA18572	[2515685 chr10	10	6693908	6703893	9986	8	0.590084	0.058798	6692231	6695585	6703779	6704008
261 NA18572	[2515685 chr10	10	20036833	20038315	1483	2	-0.602979	0.112763	20036464	20037202	20038007	20038621
262 NA18572	[2515685 chr10	10	20888199	20900114	11916	9	-0.70902	0.055783	20883329	20890946	20897367	20902911
263 NA18572	[2515685 chr10	10	37487278	37529195	41918	64	-0.487729	0.014978	37486985	37487572	37528890	37529501
264 NA18572	[2515685 chr10	10	46104076	46129517	25442	33	-0.309156	0.019526	46104040	46104113	46129280	46129751
265 NA18572	[2515685 chr10	10	46167732	46171356	3625	14	-0.318266	0.031261	46167382	46168082	46171200	46171511
266 NA18572	[2515685 chr10	10	46198107	46200163	2057	5	-0.443341	0.059036	46197622	46198592	46200157	46200171
267 NA18572	[2515685 chr10	10	46229659	47176381	946723	1346	-0.280349	0.003336	46229594	46229724	47175283	47177471
268 NA18572	[2515685 chr10	10	47219897	47220637	741	5	-0.525897	0.06739	47219892	47219903	47220533	47220741
269 NA18572	[2515685 chr10	10	47230731	47231502	772	2	-0.597895	0.078613	47230574	47230889	47231201	47231801
270 NA18572	[2515685 chr10	10	47723235	47736258	13024	34	-0.421613	0.022162	47575187	47725982	47735982	47736531
271 NA18572	[2515685 chr10	10	47736866	47758287	21422	70	-0.261867	0.013809	47736710	47737023	47758256	47758311
272 NA18572	[2515685 chr10	10	47788401	47790566	2166	5	-0.448397	0.058571	47788395	47788408	47790187	47790941
273 NA18572	[2515685 chr10	10	47889059	47889830	772	2	-0.597895	0.078613	47888902	47889217	47889529	47890131
274 NA18572	[2515685 chr10	10	48490524	48516048	25525	32	-0.301429	0.019405	48490108	48490941	48515812	48516281
275 NA18572	[2515685 chr10	10	48557501	48561210	3710	16	-0.311871	0.030194	48557151	48557851	48561141	48561281
276 NA18572	[2515685 chr10	10	48587840	48590149	2310	6	-0.425443	0.051651	48587357	48588323	48589938	48590361
277 NA18572	[2515685 chr10	10	48619404	48641100	21697	56	-0.26092	0.014266	48619339	48619469	48640945	48641251
278 NA18572	[2515685 chr10	10	48641804	48718244	76441	119	-0.338955	0.009785	48641622	48641986	48715497	48865561
279 NA18572	[2515685 chr10	10	56117212	56139275	22064	20	-0.912168	0.036083	56115764	56118661	56138931	56139611
280 NA18572	[2515685 chr10	10	58568869	58607072	38204	29	-0.710733	0.031745	58563614	58571616	58606922	58607221
281 NA18572	[2515685 chr10	10	59241070	59441596	200527	209	-1.949544	0.016298	59240783	59241358	59441388	59441801
282 NA18572	[2515685 chr10	10	66977355	66985193	7839	8	-0.715926	0.06845	66976803	66977908	66984894	66985491
283 NA18572	[2515685 chr10	10	70951158	70954100	2943	2	-1.488429	0.127996	70949290	70953027	70953915	70954281
284 NA18572	[2515685 chr10	10	70954100	70960432	6333	3	-4.823058	0.252761	70953915	70954286	70960215	70960651

285 NA18572	[2515685 chr10	10	81143634	81173619	29986	29	-0.484735	0.020022	81142993	81144276	81171386	8117585:
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293 NA18572	[2515685 chr10	10	124349666	124366738	17073	22	-0.397798	0.020709	124349302	124350031	124366300	12436717:
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298 NA18572	[2515685 chr11	11	4924831	4932599	7769	8	-2.545397	0.087085	4924403	4925260	4931948	493325:
299 NA18572	[2515685 chr11	11	5717038	5722026	4989	3	2.6505	0.137285	5716660	5717416	5718945	572548:
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301 NA18572	[2515685 chr11	11	11780222	11782174	1953	2	-0.649115	0.100336	11779958	11780486	11781057	1178329:
302 NA18572	[2515685 chr11	11	11831868	11833089	1222	2	0.914325	0.121495	11831412	11832324	11832853	1183332:
303 NA18572	[2515685 chr11	11	18906905	18928671	21767	30	0.653226	0.027413	18906533	18907278	18928457	1892888:
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305 NA18572	[2515685 chr11	11	48284073	48284771	699	2	0.863691	0.101806	48283862	48284285	48284572	4828497:
306 NA18572	[2515685 chr11	11	48997072	49001951	4880	9	0.386952	0.050618	48996760	48997384	49001459	4900244:
307 NA18572	[2515685 chr11	11	49667589	49715829	48241	34	0.489175	0.025908	49666851	49668327	49712748	4972198:
308 NA18572	[2515685 chr11	11	58566484	58611261	44778	47	0.351016	0.021423	58566228	58566741	58610975	5861154:
309 NA18572	[2515685 chr11	11	60721034	60777477	56444	74	0.576251	0.013456	60720112	60721956	60776810	6077814:
310 NA18572	[2515685 chr11	11	81429351	81432255	2905	3	-0.828511	0.09931	81427753	81430950	81432049	8143324:
311 NA18572	[2515685 chr11	11	85981700	85984113	2414	3	-2.037742	0.124304	85981147	85982254	85983791	8598443:
312 NA18572	[2515685 chr11	11	88266938	88303948	37011	40	0.260421	0.02385	88266424	88267453	88303762	8830413:
313 NA18572	[2515685 chr11	11	89184898	89189792	4895	5	0.710788	0.07899	89184243	89185554	89189177	8919040:
314 NA18572	[2515685 chr11	11	89260124	89266247	6124	10	-0.257795	0.047204	89259811	89260437	89265993	8926650:
315 NA18572	[2515685 chr11	11	106744846	106751052	6207	9	-0.569825	0.058355	106744561	106745131	106747971	10675483:
316 NA18572	[2515685 chr11	11	134107699	134112290	4592	5	0.824693	0.074061	134106591	134108808	134111845	13411273:
317 NA18572	[2515685 chr12	12	398598	404873	6276	14	-0.278694	0.025433	398035	399161	401600	408146:
318 NA18572	[2515685 chr12	12	736840	744802	7963	9	0.791155	0.052063	736616	737064	744211	745394:
319 NA18572	[2515685 chr12	12	2112534	2127044	14511	15	0.521033	0.038753	2109107	2115961	2126809	212727:
320 NA18572	[2515685 chr12	12	6113530	6117052	3523	3	0.487746	0.096838	6111640	6115421	6116289	611781:
321 NA18572	[2515685 chr12	12	8258615	8270350	11736	24	-0.342626	0.024887	8258187	8259044	8269654	827104:
322 NA18572	[2515685 chr12	12	9439936	9445623	5688	9	0.459686	0.044772	9439574	9440298	9445247	944600:
323 NA18572	[2515685 chr12	12	9524239	9526454	2216	2	0.700506	0.108468	9523968	9524510	9526036	952687:
324 NA18572	[2515685 chr12	12	9527659	9610804	83146	91	0.996772	0.018534	9526872	9528447	9610082	961152:
325 NA18572	[2515685 chr12	12	9614408	9624971	10564	12	0.569053	0.044208	9613514	9615302	9623223	962672:
326 NA18572	[2515685 chr12	12	11398049	11463223	65175	66	-0.291154	0.018563	11397507	11398591	11459990	1146645:
327 NA18572	[2515685 chr12	12	31155331	31244780	89450	84	0.63645	0.017808	31155092	31155571	31244217	3124534:
328 NA18572	[2515685 chr12	12	78656134	78665261	9128	9	-0.408918	0.054068	78654687	78657582	78664736	7866578:
329 NA18572	[2515685 chr12	12	128864324	128869047	4724	14	-0.250711	0.026207	128863938	128864711	128867605	12887048:
330 NA18572	[2515685 chr12	12	130257877	130259876	2000	3	-0.489234	0.086007	130257493	130258262	130259649	13026010:
331 NA18572	[2515685 chr12	12	130798727	130802870	4144	5	-0.722696	0.062133	130798268	130799187	130801345	13080439:
332 NA18572	[2515685 chr12	12	131046250	131046750	501	2	1.035181	0.132458	131046129	131046371	131046551	13104694:
333 NA18572	[2515685 chr13	13	25947233	25950398	3166	3	2.724763	0.136265	25946194	25948272	25949415	2595138:
334 NA18572	[2515685 chr13	13	33029575	33043421	13847	9	0.856244	0.057363	33000262	33034253	33042925	3304391:
335 NA18572	[2515685 chr13	13	69633905	69673289	39385	42	0.740661	0.024571	69633412	69634399	69672985	6967359:
336 NA18572	[2515685 chr13	13	103075043	103076899	1857	3	-0.825001	0.087915	103074622	103075465	103076435	10307736:
337 NA18572	[2515685 chr13	13	109216120	109217089	970	4	-0.491355	0.063234	109216090	109216150	109216885	10921729:
338 NA18572	[2515685 chr13	13	113079647	113086816	7170	3	0.536838	0.086738	113078890	113080404	113082138	11309434:
339 NA18572	[2515685 chr14	14	18527136	18542743	15608	7	-0.697945	0.058414	18526373	18527899	18541619	1854386:

340 NA18572	[2515685 chr14	14	47402983	47404156	1174	3	-0.43426	0.086121	47402773	47403194	47403971	4740434
341 NA18572	[2515685 chr14	14	73070288	73084642	14355	16	-0.310074	0.044128	73068747	73071829	73083193	7308609
342 NA18572	[2515685 chr15	15	18817575	18888948	71374	79	-0.445776	0.017002	18817092	18818059	18886645	1889275
343 NA18572	[2515685 chr15	15	18982174	18982857	684	4	-0.413461	0.051104	18981996	18982352	18982746	1898296
344 NA18572	[2515685 chr15	15	19090947	19217756	126810	163	-0.289587	0.011257	19090386	19091509	19217437	1921807
345 NA18572	[2515685 chr15	15	19338943	19460889	121947	137	-0.279624	0.012181	19338211	19339675	19460583	1946119
346 NA18572	[2515685 chr15	15	19766478	19793998	27521	31	-0.306601	0.023081	19765673	19767284	19792901	1979509
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348 NA18572	[2515685 chr15	15	20940396	20940987	592	4	-0.413461	0.051104	20940218	20940574	20940968	2094100
349 NA18572	[2515685 chr15	15	21227559	21228686	1128	6	-0.35326	0.042495	21227472	21227646	21228667	2122870
350 NA18572	[2515685 chr15	15	21606753	21614601	7849	7	0.739943	0.063305	21606459	21607047	21612298	2163669
351 NA18572	[2515685 chr15	15	23482566	23483671	1106	2	0.625957	0.083182	23482224	23482908	23483437	2348390
352 NA18572	[2515685 chr15	15	24986053	24992250	6198	7	0.734393	0.061571	24985426	24986680	24991680	2499282
353 NA18572	[2515685 chr15	15	28182485	28214153	31669	64	-0.353633	0.015445	28182045	28182925	28213965	2821434
354 NA18572	[2515685 chr15	15	28457108	28473749	16642	35	-0.345473	0.020336	28456826	28457390	28473311	2847418
355 NA18572	[2515685 chr15	15	28651493	28682435	30943	62	-0.319122	0.015593	28651042	28651945	28681552	2868331
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357 NA18572	[2515685 chr15	15	32469460	32653924	184465	186	0.261072	0.009683	32469063	32469858	32653683	3265416
358 NA18572	[2515685 chr15	15	49408022	49410120	2099	2	-0.527626	0.101493	49406890	49409154	49409717	4941052
359 NA18572	[2515685 chr15	15	68815341	68840079	24739	28	-0.732873	0.029808	68814996	68815687	68839290	6884086
360 NA18572	[2515685 chr15	15	82333041	82335194	2154	2	-0.707319	0.10701	82332284	82333799	82334729	8233566
361 NA18572	[2515685 chr15	15	98234084	98240716	6633	8	0.829213	0.061404	98233842	98234327	98239350	9824208
362 NA18572	[2515685 chr15	15	100109640	100122682	13043	98	0.774186	0.011833	100108905	100110376	100122315	10012305
363 NA18572	[2515685 chr15	15	100219889	100266513	46625	67	-0.566789	0.017357	100217384	100222192	100264210	10026919
364 NA18572	[2515685 chr16	16	5287117	5290631	3515	2	1.074456	0.136389	5286149	5288085	5288751	529327
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368 NA18572	[2515685 chr16	16	33100875	33101346	472	2	-1.612372	0.093826	33100438	33101312	33101315	3310137
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370 NA18572	[2515685 chr16	16	33207215	33217055	9841	18	0.293125	0.027598	33206951	33207480	33216946	3321716
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372 NA18572	[2515685 chr16	16	54353711	54362962	9252	10	-0.367403	0.048923	54353419	54354004	54362223	5436370
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376 NA18572	[2515685 chr16	16	68709986	68753825	43840	49	-0.269854	0.020564	68709671	68710302	68753428	6875422
377 NA18572	[2515685 chr16	16	70642642	70667780	25139	19	-0.507726	0.034528	70642262	70643022	70667434	7066812
378 NA18572	[2515685 chr16	16	76932229	76942282	10054	8	0.618418	0.04989	76931263	76933196	76941602	7694296
379 NA18572	[2515685 chr16	16	84561410	84567498	6089	16	0.291127	0.038482	84561136	84561685	84567216	8456778
380 NA18572	[2515685 chr16	16	86669849	86672366	2518	2	-2.547306	0.152443	86669288	86670411	86671217	8667351
381 NA18572	[2515685 chr16	16	88710612	88712266	1655	8	0.447212	0.058612	88710473	88710751	88712200	8871233
382 NA18572	[2515685 chr17	17	14984685	14999596	14912	15	-2.198261	0.059688	14984106	14985264	14999318	1499987
383 NA18572	[2515685 chr17	17	18331739	18332345	607	2	-0.79853	0.104274	18331509	18331970	18331978	1833271
384 NA18572	[2515685 chr17	17	18941753	18942703	951	2	-0.965887	0.089716	18941296	18942211	18942231	1894317
385 NA18572	[2515685 chr17	17	18943320	18948307	4988	12	-0.445737	0.037429	18943176	18943465	18948015	1894860
386 NA18572	[2515685 chr17	17	18997456	18998406	951	2	-0.965886	0.089716	18996984	18997929	18997948	1899886
387 NA18572	[2515685 chr17	17	19067789	19068740	952	2	-0.965884	0.089715	19067331	19068248	19068268	1906921
388 NA18572	[2515685 chr17	17	19071233	19074342	3110	7	-0.470816	0.044912	19071187	19071280	19074050	1907463
389 NA18572	[2515685 chr17	17	20299935	20300531	597	2	-0.79853	0.104274	20299568	20300303	20300311	2030075
390 NA18572	[2515685 chr17	17	21826349	21834752	8404	7	0.359784	0.045123	21826238	21826461	21833710	2183579
391 NA18572	[2515685 chr17	17	21942843	21955530	12688	21	-0.336616	0.031605	21942618	21943068	21955191	2195586
392 NA18572	[2515685 chr17	17	31437744	31439351	1608	3	0.493953	0.063208	31437542	31437946	31439129	3143957
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394 NA18572	[2515685 chr17	17	31531920	31568299	36380	63	0.379453	0.014457	31531695	31532146	31567907	3156869

395 NA18572	[2515685 chr17	17	31619971	31666985	47015	70	0.36425	0.012963	31619739	31620204	31666703	31667261
396 NA18572	[2515685 chr17	17	32829500	32833231	3732	5	0.738631	0.073823	32828825	32830175	32832670	32833791
397 NA18572	[2515685 chr17	17	33383931	33408561	24631	34	-0.298436	0.022333	33382917	33384945	33408077	33409041
398 NA18572	[2515685 chr17	17	33425145	33430791	5647	10	-0.766111	0.047337	33424532	33425759	33428591	33529291
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400 NA18572	[2515685 chr17	17	33642193	33659558	17366	29	-0.568641	0.02833	33641874	33642513	33658997	33660111
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404 NA18572	[2515685 chr17	17	42446566	42487040	40475	70	0.291628	0.015425	42446148	42446985	42486638	42487441
405 NA18572	[2515685 chr17	17	42970703	42987924	17222	31	-0.505605	0.026905	42970185	42971221	42987641	42988201
406 NA18572	[2515685 chr17	17	42988804	43026670	37867	54	0.282003	0.019905	42988208	42989400	43025568	43027771
407 NA18572	[2515685 chr17	17	54718891	54720406	1516	2	-0.838682	0.121618	54718493	54719289	54719841	54720971
408 NA18572	[2515685 chr17	17	55806252	55811196	4945	2	-0.690008	0.115805	55687363	55808452	55808996	55828971
409 NA18572	[2515685 chr17	17	60269002	60346613	77612	119	0.259069	0.012168	60268357	60269648	60345268	60347951
410 NA18572	[2515685 chr18	18	46430355	46515932	85578	2	-0.451099	0.08087	46312475	46434937	46511350	46702831
411 NA18572	[2515685 chr18	18	61874791	61883105	8315	9	-0.823985	0.052266	61874483	61875100	61882738	61883471
412 NA18572	[2515685 chr18	18	61917747	61920171	2425	4	1.972972	0.119151	61917522	61917973	61919646	61920691
413 NA18572	[2515685 chr18	18	63110008	63117706	7699	9	-0.719282	0.053324	63109644	63110373	63116010	63119401
414 NA18572	[2515685 chr18	18	68583626	68585677	2052	2	-0.530936	0.102021	68583275	68583977	68585288	68586061
415 NA18572	[2515685 chr18	18	74230393	74234275	3883	31	-0.458694	0.016235	74229835	74230952	74234139	74234411
416 NA18572	[2515685 chr18	18	74373005	74376367	3363	7	0.756162	0.034904	74372064	74373947	74375833	74376901
417 NA18572	[2515685 chr18	18	74392800	74398225	5426	4	0.496546	0.076241	74390826	74394774	74397790	74398661
418 NA18572	[2515685 chr19	19	76779	122499	45721	68	-0.541531	0.017403	73262	79306	119972	128091
419 NA18572	[2515685 chr19	19	310414	312953	2540	14	-0.503352	0.037531	309687	311142	312913	312991
420 NA18572	[2515685 chr19	19	1200296	1202522	2227	3	0.495611	0.088141	1199725	1200868	1202197	1202841
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422 NA18572	[2515685 chr19	19	23007904	23013841	5938	6	0.707828	0.069195	22990964	23010431	23013525	23014151
423 NA18572	[2515685 chr19	19	23108259	23109446	1188	2	0.938511	0.110858	23107903	23108615	23108879	23110011
424 NA18572	[2515685 chr19	19	39419837	39421349	1513	3	0.500206	0.09447	39419616	39420059	39421018	39421681
425 NA18572	[2515685 chr19	19	41450187	41493612	43426	28	0.357398	0.021333	41421528	41452714	41491085	41497851
426 NA18572	[2515685 chr19	19	42450473	42486383	35911	32	0.354204	0.018558	42413600	42453000	42486279	42486481
427 NA18572	[2515685 chr19	19	53100142	53151974	51833	98	-0.317841	0.009415	53098980	53101305	53151638	53152311
428 NA18572	[2515685 chr19	19	55285877	55336157	50281	104	-0.308248	0.009085	55285730	55286025	55335244	55337071
429 NA18572	[2515685 chr19	19	56826070	56840752	14683	14	-0.5769	0.03978	56825810	56826331	56840372	56841131
430 NA18572	[2515685 chr19	19	58169057	58171564	2508	2	0.480533	0.092524	58168791	58169324	58171021	58172101
431 NA18572	[2515685 chr19	19	58210435	58244458	34024	26	-0.680563	0.029948	58209863	58211007	58243893	58245021
432 NA18572	[2515685 chr19	19	59247755	59252061	4307	5	0.727112	0.071054	59246427	59249084	59251854	59252261
433 NA18572	[2515685 chr19	19	60958920	60976029	17110	15	-0.464635	0.038	60957933	60959907	60975748	60976311
434 NA18572	[2515685 chr20	20	1511097	1532477	21381	26	-1.395339	0.041796	1510534	1511660	1532182	1532771
435 NA18572	[2515685 chr20	20	26136817	26137613	797	2	0.618358	0.114257	26136626	26137008	26137444	26137781
436 NA18572	[2515685 chr20	20	36488187	36489436	1250	2	-0.861127	0.113569	36487773	36488601	36489140	36489731
437 NA18572	[2515685 chr20	20	45883995	45889273	5279	6	-0.280637	0.055291	45883696	45884294	45888652	45889891
438 NA18572	[2515685 chr20	20	61770772	61773337	2566	14	0.353602	0.040809	61770072	61771473	61772214	61774461
439 NA18572	[2515685 chr20	20	62066380	62068214	1835	8	0.937051	0.04971	62066146	62066615	62067671	62068751
440 NA18572	[2515685 chr20	20	62113559	62121334	7776	22	-0.432086	0.034032	62113491	62113628	62120828	62121841
441 NA18572	[2515685 chr21	21	21348593	21350117	1525	2	-0.783472	0.112086	21348175	21349011	21349666	21350561
442 NA18572	[2515685 chr21	21	22576580	22586733	10154	10	-2.903193	0.092382	22576051	22577109	22586474	22586991
443 NA18572	[2515685 chr22	22	17032140	17129139	97000	146	-0.365355	0.010913	17031480	17032801	17128821	17129451
444 NA18572	[2515685 chr22	22	17221797	17249803	28007	64	-0.357479	0.016527	17221464	17222130	17249433	17250171
445 NA18572	[2515685 chr22	22	18273943	18276450	2508	2	-0.483355	0.089002	18273512	18274375	18274942	18277951
446 NA18572	[2515685 chr22	22	18689528	18734175	44648	52	-0.3821	0.018121	18686307	18692211	18733858	18734491
447 NA18572	[2515685 chr22	22	18876047	18881586	5540	3	-0.588366	0.057371	18875675	18876420	18878903	18934141
448 NA18572	[2515685 chr22	22	18947502	19030052	82551	104	-0.348567	0.013207	18947184	18947821	19029673	19030431
449 NA18572	[2515685 chr22	22	19791149	19793944	2796	7	-0.37762	0.054165	19791060	19791239	19793875	19794011

450 NA18572	[2515685 chr22	22	19830324	19880162	49839	71	-0.371885	0.015441	19829940	19830709	19879848	19880471
451 NA18572	[2515685 chr22	22	19973569	20020668	47100	72	-0.379022	0.015315	19972287	19974851	20020380	20020957
452 NA18572	[2515685 chr22	22	20637684	20780532	142849	143	0.39807	0.012809	20637434	20637935	20777849	21602449
453 NA18572	[2515685 chr22	22	22611178	22615116	3939	3	-0.523094	0.083519	22609725	22612631	22614886	22615349
454 NA18572	[2515685 chr22	22	22683930	22690382	6453	5	-1.194999	0.081189	22681309	22686552	22690146	22690619
455 NA18572	[2515685 chr22	22	33619409	33622591	3183	4	0.713721	0.073509	33618939	33619879	33622541	33622649
456 NA18572	[2515685 chr22	22	37683358	37711759	28402	27	-1.158149	0.033551	37683063	37683653	37711022	37712499
457 NA18572	[2515685 chr22	22	43418479	43419675	1197	2	0.517629	0.095124	43418051	43418907	43419378	43419979
458 NA18572	[2515685 chrX	23	1979394	1983878	4485	15	0.568053	0.037336	1979134	1979654	1982685	1985079
459 NA18572	[2515685 chrX	23	9182407	9192056	9650	13	0.638638	0.040218	9181838	9182977	9191527	9192589
460 NA18572	[2515685 chrX	23	38340304	38343955	3652	2	-2.095823	0.143917	38339963	38340645	38341288	38346629
461 NA18572	[2515685 chrX	23	56677475	56690665	13191	31	0.454003	0.017752	56677130	56677820	56690311	56691019
462 NA18572	[2515685 chrX	23	66907560	66912007	4448	2	-2.767983	0.197335	66881715	66911529	66911837	66912179
463 NA18572	[2515685 chrX	23	66912342	66913276	935	3	-0.888004	0.102013	66912177	66912507	66913165	66913389
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465 NA18572	[2515685 chrX	23	115741949	115742309	361	2	-0.651255	0.117781	115741862	115742036	115742232	11574238
466 NA18572	[2515685 chrX	23	119787748	119844836	57089	83	-0.661463	0.010657	119787006	119788491	119844499	11984517
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468 NA18572	[2515685 chrX	23	134645810	134698023	52214	106	0.419418	0.007517	134645280	134646341	134696803	13469924
469 NA18572	[2515685 chrX	23	134750696	134755274	4579	10	0.374765	0.037241	134750516	134750876	134755112	13475543
470 NA18572	[2515685 chrX	23	139811649	139834050	22402	39	0.276481	0.017025	139811533	139811766	139830081	13984227
471 NA18572	[2515685 chrX	23	140386673	140392674	6002	5	0.453852	0.048175	140378397	140390642	140392501	14039284
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473 NA18572	[2515685 chrX	23	140500459	140510358	9900	14	0.34899	0.029417	140492162	140504428	140510308	14051040
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475 NA18572	[2515685 chrX	23	151918756	152045381	126626	122	0.613447	0.014605	151918417	151919096	152044543	15204622
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477 NA18572	[2515685 chrY	24	9213374	9983978	770605	764	0.251918	0.003542	9212424	9214325	9983856	9984107
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479 NA18572	[2515685 chrY	24	10326793	10340296	13504	7	0.328898	0.049331	10325529	10328058	10339804	10340789
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1 NA12872	[2515685 chr1	1	11483	71292	59810	92	0.251188	0.014924	11274	11692	70533	72052
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4 NA12872	[2515685 chr1	1	1207651	1209799	2149	2	0.591656	0.111662	1207264	1208038	1208915	1210689
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8 NA12872	[2515685 chr1	1	12893626	12905798	12173	15	0.270898	0.030798	12893265	12893988	12905600	12905991
9 NA12872	[2515685 chr1	1	12995178	13001855	6678	9	0.251606	0.047976	12994551	12995806	13001230	13002489
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14 NA12872	[2515685 chr1	1	72478372	72524180	45809	36	-2.015028	0.04115	72478140	72478604	72523661	72524709
15 NA12872	[2515685 chr1	1	89188117	89190762	2646	5	1.621359	0.092051	89187764	89188470	89190458	89191069
16 NA12872	[2515685 chr1	1	103827497	103834166	6670	16	0.329935	0.034256	103827175	103827820	103833999	10383433
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18 NA12872	[2515685 chr1	1	103874084	104015739	141656	228	0.439609	0.007733	103873944	103874224	104013178	10401830
19 NA12872	[2515685 chr1	1	105728161	105735462	7302	8	-0.984997	0.063123	105727820	105728503	105734532	10573639
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22	NA12872	[2515685 chr1	1	108638096	108688767	50672	60	0.299464	0.019431	108637939	108638254	108688693	10868884
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24	NA12872	[2515685 chr1	1	116874175	116915240	41066	51	0.389655	0.02021	116873908	116874442	116914887	11691559
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26	NA12872	[2515685 chr1	1	141964651	141981849	17199	51	0.302496	0.016156	141964562	141964740	141978581	14203010
27	NA12872	[2515685 chr1	1	142438646	142569435	130790	159	0.34022	0.011614	142438189	142439104	142568775	14257009
28	NA12872	[2515685 chr1	1	142744385	142745273	889	2	0.769791	0.114381	142743794	142744976	142745023	14274552
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32	NA12872	[2515685 chr1	1	145929568	145951531	21964	26	0.414361	0.02912	145929405	145929732	145951467	14595159
33	NA12872	[2515685 chr1	1	146328771	146344860	16090	49	0.29944	0.016984	146328485	146329057	146343057	14634666
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35	NA12872	[2515685 chr1	1	149573821	149583431	9611	5	0.928912	0.075321	149573460	149574182	149582912	14958395
36	NA12872	[2515685 chr1	1	158224068	158225480	1413	2	0.389382	0.060491	158223552	158224584	158225276	15822568
37	NA12872	[2515685 chr1	1	158231105	158232881	1777	2	0.389383	0.060491	158230227	158231984	158232676	15823308
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39	NA12872	[2515685 chr1	1	158253277	158255053	1777	2	0.389383	0.060491	158252398	158254156	158254848	15825525
40	NA12872	[2515685 chr1	1	193458391	193555075	96685	83	0.413246	0.016771	193458194	193458588	193554890	19355526
41	NA12872	[2515685 chr1	1	203245415	203247868	2454	2	1.103842	0.12026	203245018	203245812	203247578	20324815
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45	NA12872	[2515685 chr2	2	296456	298925	2470	8	-0.339956	0.05364	296213	296699	298661	299185
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47	NA12872	[2515685 chr2	2	35896479	35905930	9452	3	-0.834902	0.083032	35879425	35899430	35902979	3590982
48	NA12872	[2515685 chr2	2	36195731	36196926	1196	2	0.523422	0.098727	36195345	36196117	36196623	36197231
49	NA12872	[2515685 chr2	2	37869648	37913298	43651	45	0.302489	0.020795	37869077	37870220	37912585	3791401
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51	NA12872	[2515685 chr2	2	61675589	61676777	1189	2	1.973213	0.158517	61675200	61675979	61676468	6167708
52	NA12872	[2515685 chr2	2	73945377	73946969	1593	3	0.297444	0.057078	73945149	73945606	73946724	7394721
53	NA12872	[2515685 chr2	2	91334052	91347855	13804	18	0.25714	0.034695	91333845	91334260	91347601	9134811
54	NA12872	[2515685 chr2	2	91383591	91391252	7662	18	0.264236	0.031808	91383374	91383809	91391019	9139148
55	NA12872	[2515685 chr2	2	97184386	97189733	5348	2	-0.724724	0.101597	97182781	97185992	97186782	9719672
56	NA12872	[2515685 chr2	2	97613796	97614932	1137	2	0.955256	0.118901	97613553	97614040	97614467	9761539
57	NA12872	[2515685 chr2	2	106338419	106344320	5902	7	-0.489923	0.061863	106337769	106339069	106344055	10634458
58	NA12872	[2515685 chr2	2	108313968	108314875	908	2	0.746683	0.106077	108313664	108314272	108314680	10831507
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66	NA12872	[2515685 chr2	2	153622711	153625256	2546	3	0.887202	0.089608	153621175	153624247	153625088	15362542
67	NA12872	[2515685 chr2	2	208176479	208184457	7979	7	0.923111	0.058929	208176093	208176865	208183930	20818498
68	NA12872	[2515685 chr2	2	213009234	213016481	7248	8	-0.966609	0.051019	213008915	213009554	213016164	21301679
69	NA12872	[2515685 chr2	2	232512469	232537143	24675	6	0.375251	0.03733	232511142	232513796	232534243	23254004
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71	NA12872	[2515685 chr3	3	149944	152369	2426	4	-0.470611	0.07648	148712	151176	151848	15289
72	NA12872	[2515685 chr3	3	204650	209394	4745	4	0.885653	0.073079	202918	206383	209009	209775
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75	NA12872	[2515685 chr3	3	6622788	6629620	6833	6	-0.779681	0.057796	6492869	6626431	6629261	662998
76	NA12872	[2515685 chr3	3	47819453	47820469	1017	3	0.412027	0.078877	47819200	47819707	47820356	4782058

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85 NA12872	[2515685 chr3	3	164031298	164106273	74976	71	1.952218	0.025965	164027655	164036948	164106029	16410651
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87 NA12872	[2515685 chr3	3	192547312	192554331	7020	10	0.910003	0.051565	192546950	192547674	192554127	19255453
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93 NA12872	[2515685 chr4	4	8739800	8756949	17150	26	0.416844	0.007441	8739551	8740049	8756813	8757081
94 NA12872	[2515685 chr4	4	8853839	9046719	192881	87	0.416844	0.007441	8850774	9001243	9046129	9047301
95 NA12872	[2515685 chr4	4	9887220	9911397	24178	31	2.146393	0.042359	9886886	9887555	9910388	9912407
96 NA12872	[2515685 chr4	4	34602797	34650994	48198	45	0.679837	0.024222	34601994	34603600	34649535	3465245
97 NA12872	[2515685 chr4	4	64522941	64543857	20917	20	-0.751999	0.038248	64522682	64523201	64542552	6454516
98 NA12872	[2515685 chr4	4	66475262	66478728	3467	4	-0.385879	0.074505	66474966	66475558	66478106	66479351
99 NA12872	[2515685 chr4	4	69202095	69321049	118955	75	1.327685	0.022163	69201955	69202236	69320887	6932121
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101 NA12872	[2515685 chr4	4	69672033	69720487	48455	53	0.490645	0.017268	69671975	69672092	69717422	6973421
102 NA12872	[2515685 chr4	4	70329576	70418701	89126	87	0.398374	0.016781	70329375	70329777	70418467	70418931
103 NA12872	[2515685 chr4	4	115534211	115541546	7336	9	0.8351	0.056401	115530015	115537276	115539984	11554310
104 NA12872	[2515685 chr4	4	119080965	119082483	1519	2	-0.944267	0.127877	119080746	119081184	119081813	11908315
105 NA12872	[2515685 chr4	4	119480821	119487782	6962	5	-0.92143	0.069241	119473487	119483886	119487418	11948814
106 NA12872	[2515685 chr4	4	133536193	133540723	4531	3	-0.751768	0.100005	133531398	133539258	133540462	13354098
107 NA12872	[2515685 chr4	4	138449561	138458454	8894	8	-0.976404	0.058942	138448993	138450130	138458291	13845861
108 NA12872	[2515685 chr4	4	138537751	138549906	12156	14	0.787701	0.046032	138537443	138538059	138547414	13855239
109 NA12872	[2515685 chr4	4	145087506	145089809	2304	5	-0.377868	0.063587	145087283	145087729	145089317	14509030
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112 NA12872	[2515685 chr4	4	169183401	169368370	184970	163	0.723382	0.012456	169182712	169184090	169366713	16937002
113 NA12872	[2515685 chr4	4	173363594	173367718	4125	6	-0.855404	0.065315	173362583	173364606	173367283	17336815
114 NA12872	[2515685 chr4	4	173799832	173807320	7489	6	-2.680929	0.126327	173799464	173800201	173804255	17381134
115 NA12872	[2515685 chr4	4	185533276	185544849	11574	12	0.844226	0.046682	185532696	185533857	185543276	18554642
116 NA12872	[2515685 chr4	4	187728494	187732907	4414	15	1.940291	0.050377	187728193	187728795	187732541	18773327
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134 NA12872	[2515685 chr5	5	93928460	93931722	3263	3	-0.560414 0.089243	93927706	93929215	93931460	93931984
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143 NA12872	[2515685 chr5	5	180108385	180119114	10730	8	0.518495 0.054975	180108099	180108671	180115923	18013530
144 NA12872	[2515685 chr6	6	235965	326596	90632	104	0.34221 0.013804	235368	235653	326200	326993
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147 NA12872	[2515685 chr6	6	29958572	30011802	53231	50	0.524157 0.021619	29957670	29959474	30011083	30012521
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156 NA12872	[2515685 chr6	6	41807923	41811844	3922	5	0.383436 0.066234	41807597	41808250	41811521	41812161
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158 NA12872	[2515685 chr6	6	62338502	62343650	5149	2	-0.740672 0.100332	62334618	62342001	62342340	62344961
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160 NA12872	[2515685 chr6	6	77495034	77513510	18477	12	0.731692 0.047353	77493568	77496500	77510011	77517691
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164 NA12872	[2515685 chr6	6	132067707	132076818	9112	7	-0.268439 0.045511	132048222	132071206	132076464	13207716
165 NA12872	[2515685 chr6	6	160686231	160697100	10870	10	0.265867 0.046642	160685841	160686622	160696605	16069759
166 NA12872	[2515685 chr6	6	160997684	161051768	54085	73	0.376567 0.011401	160997465	160997903	161051454	16105208
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169 NA12872	[2515685 chr7	7	929017	930663	1647	5	0.369921 0.066755	928626	929408	930382	930945
170 NA12872	[2515685 chr7	7	1084125	1086660	2536	15	0.541825 0.039085	1083752	1084499	1085871	1087445
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172 NA12872	[2515685 chr7	7	5654917	5661199	6283	8	-0.415109 0.055212	5654537	5655298	5660642	5661751
173 NA12872	[2515685 chr7	7	37639640	37657849	18210	6	-0.36487 0.054414	37638580	37640700	37655499	37719601
174 NA12872	[2515685 chr7	7	40167113	40259124	92012	91	0.272119 0.00764	40166468	40167759	40258770	40259471
175 NA12872	[2515685 chr7	7	43774540	43943924	169385	111	0.272119 0.00764	43774344	43774737	43941574	44020061
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178 NA12872	[2515685 chr7	7	64029672	64045487	15816	45	-0.288114 0.020697	64029291	64030053	64045069	64045901
179 NA12872	[2515685 chr7	7	64464087	64479903	15817	43	-0.276889 0.021479	64463669	64464506	64479522	64480281
180 NA12872	[2515685 chr7	7	64546022	64556662	10641	29	-0.312727 0.026435	64545946	64546099	64556244	64557081
181 NA12872	[2515685 chr7	7	66185764	66201259	15496	33	0.255304 0.018319	66185376	66186152	66200200	66202311
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204 NA12872	[2515685 chr7	7	143503774	143511719	7946	16	-0.376114	0.007252	143503497	143504051	143511270	14351216;
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207 NA12872	[2515685 chr8	8	13248	32375	19128	30	-0.269466	0.026889	12957	13540	32228	32523
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209 NA12872	[2515685 chr8	8	1328256	1343509	15254	45	-0.965594	0.021217	1327688	1328824	1342795	1344224
210 NA12872	[2515685 chr8	8	2242539	2253791	11253	8	-2.195672	0.085188	2242059	2243019	2251039	2257526
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218 NA12872	[2515685 chr8	8	7862281	7873897	11617	34	0.494319	0.024606	7862030	7862533	7873605	7874190
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224 NA12872	[2515685 chr8	8	58290538	58296106	5569	7	0.551687	0.058964	58290345	58290731	58295669	5829654;
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227 NA12872	[2515685 chr9	9	310045	312573	2529	61	-0.812786	0.016492	309952	310139	312407	312740
228 NA12872	[2515685 chr9	9	33591509	33599993	8485	4	-0.327245	0.06227	33588656	33593870	33598904	3360108;
229 NA12872	[2515685 chr9	9	33646675	33648138	1464	2	-0.5901	0.112724	33646355	33646996	33647857	3364842;
230 NA12872	[2515685 chr9	9	38488623	38675071	186449	181	-0.425676	0.010923	38487759	38489488	38674425	3867571;
231 NA12872	[2515685 chr9	9	38856018	38864486	8469	16	-0.27264	0.034229	38849975	38858379	38864433	3886453;
232 NA12872	[2515685 chr9	9	40254839	40273448	18610	40	-0.367222	0.023237	40254572	40255106	40271087	4027696;
233 NA12872	[2515685 chr9	9	40730670	40734310	3641	7	0.284639	0.047764	40730592	40730749	40733280	4073534;
234 NA12872	[2515685 chr9	9	41234952	41243366	8415	13	-0.2986	0.038778	41234900	41235005	41241005	4124946;
235 NA12872	[2515685 chr9	9	42026005	42029645	3641	7	0.284637	0.047763	42024974	42027036	42029567	4202972;
236 NA12872	[2515685 chr9	9	42708074	42711714	3641	9	0.25203	0.039514	42707045	42709104	42711636	4271179;
237 NA12872	[2515685 chr9	9	42754727	42756705	1979	3	-0.385556	0.061085	42754385	42755070	42755767	4275764;
238 NA12872	[2515685 chr9	9	42828750	42832390	3641	9	0.252031	0.039514	42827721	42829780	42832312	4283246;
239 NA12872	[2515685 chr9	9	42875403	42877381	1979	3	-0.385556	0.061085	42875061	42875746	42876443	4287832;
240 NA12872	[2515685 chr9	9	43182773	43195422	12650	23	-0.39366	0.031168	43179223	43185134	43195330	4319551;
241 NA12872	[2515685 chr9	9	43441558	43444062	2505	7	-0.277259	0.047138	43441276	43441841	43443734	4344439;

242 NA12872	[2515685 chr9	9	43505998	43508499	2502	8	-0.273372	0.044352	43505670	43506327	43508216	4350878;
243 NA12872	[2515685 chr9	9	43941080	43943985	2906	8	0.2688	0.048438	43940774	43941386	43943754	43944211
244 NA12872	[2515685 chr9	9	44678564	44682053	3490	7	0.272975	0.052795	44678361	44678768	44681477	44682621
245 NA12872	[2515685 chr9	9	44927718	44931216	3499	7	0.307415	0.055146	44927142	44928294	44931007	44931421
246 NA12872	[2515685 chr9	9	66047392	66055801	8410	14	-0.291904	0.039072	66047340	66047445	66053440	6606190;
247 NA12872	[2515685 chr9	9	69247738	69255030	7293	3	0.381201	0.07094	69247278	69248198	69254771	69255291
248 NA12872	[2515685 chr9	9	83692227	83699600	7374	7	0.28708	0.056339	83688141	83694588	83699277	8369992;
249 NA12872	[2515685 chr9	9	83699600	83822937	123338	124	0.623404	0.013598	83699277	83699923	83822562	8382331;
250 NA12872	[2515685 chr9	9	101788812	101790936	2125	2	-0.886878	0.124703	101788588	101789037	101789706	10179216;
251 NA12872	[2515685 chr9	9	135438420	135444067	5648	2	2.935714	0.14758	135383632	135440781	135443016	13544511;
252 NA12872	[2515685 chr10	10	170571	172369	1799	2	1.195415	0.098917	170341	170801	171237	173501
253 NA12872	[2515685 chr10	10	3099589	3101985	2397	2	0.58955	0.110911	3098962	3100217	3101441	310252;
254 NA12872	[2515685 chr10	10	6693908	6703893	9986	8	0.758356	0.05532	6692231	6695585	6703779	6704008
255 NA12872	[2515685 chr10	10	19788068	19790461	2394	3	-0.432565	0.072352	19787726	19788411	19789952	19790971
256 NA12872	[2515685 chr10	10	37491079	37529766	38688	59	-0.303328	0.014716	37490689	37491470	37529500	3753003;
257 NA12872	[2515685 chr10	10	45949018	45949554	537	2	-0.771755	0.105695	45948746	45949291	45949345	4594976;
258 NA12872	[2515685 chr10	10	46110964	46132737	21774	38	-0.337413	0.017459	46110327	46111602	46132697	4613277;
259 NA12872	[2515685 chr10	10	46167732	46171356	3625	14	-0.356418	0.030917	46167382	46168082	46171200	4617151;
260 NA12872	[2515685 chr10	10	46185144	46207292	22149	54	-0.293155	0.015767	46184361	46185928	46204548	4621047;
261 NA12872	[2515685 chr10	10	46216214	46220287	4074	16	-0.322794	0.030006	46215871	46216557	46220114	4622046;
262 NA12872	[2515685 chr10	10	46230274	47173707	943434	1341	-0.301882	0.003311	46230243	46230306	47173507	4717390;
263 NA12872	[2515685 chr10	10	47230731	47231502	772	2	-0.565783	0.077321	47230574	47230889	47231201	4723180;
264 NA12872	[2515685 chr10	10	47723238	47758287	35050	106	-0.368212	0.011355	47575187	47725982	47758256	4775831;
265 NA12872	[2515685 chr10	10	47768281	47772343	4063	17	-0.320035	0.029531	47768108	47768455	47772001	47772681
266 NA12872	[2515685 chr10	10	47781270	47803532	22263	62	-0.297884	0.015436	47778091	47784014	47802824	4780424;
267 NA12872	[2515685 chr10	10	47882376	47882889	514	2	-0.485994	0.084512	47882318	47882435	47882645	4788313;
268 NA12872	[2515685 chr10	10	47889059	47889830	772	2	-0.565783	0.077321	47888902	47889217	47889529	4789013;
269 NA12872	[2515685 chr10	10	48499011	48517469	18459	29	-0.334826	0.019538	48498672	48499351	48517390	4851754;
270 NA12872	[2515685 chr10	10	48557501	48561054	3554	15	-0.345392	0.030328	48557151	48557851	48560968	4856114;
271 NA12872	[2515685 chr10	10	48574881	48584011	9131	23	-0.302061	0.023243	48574098	48575665	48583989	4858403;
272 NA12872	[2515685 chr10	10	48586485	48597044	10560	25	-0.3617	0.024291	48586154	48586817	48594300	4860023;
273 NA12872	[2515685 chr10	10	48620019	48641100	21082	54	-0.292246	0.014183	48619988	48620051	48640945	4864125;
274 NA12872	[2515685 chr10	10	48642579	48865591	223013	118	-0.371994	0.009654	48642297	48642861	48865564	4886561;
275 NA12872	[2515685 chr10	10	48924243	48927636	3394	13	-0.350649	0.033232	48923939	48924548	48927550	4892772;
276 NA12872	[2515685 chr10	10	51116621	51129602	12982	16	-0.361236	0.028758	51067634	51119365	51128757	5113044;
277 NA12872	[2515685 chr10	10	55027163	55030874	3712	4	0.381503	0.074041	55027092	55027234	55030462	5503128;
278 NA12872	[2515685 chr10	10	56117212	56139275	22064	20	-1.020152	0.034336	56115764	56118661	56138931	5613961;
279 NA12872	[2515685 chr10	10	77214180	77372070	157891	150	0.494839	0.011803	77213686	77214675	77371512	7737262;
280 NA12872	[2515685 chr10	10	81662845	81669493	6649	10	-0.261302	0.044187	81662614	81663077	81669128	8166985;
281 NA12872	[2515685 chr10	10	88866216	88963891	97676	108	-0.346664	0.01215	88865617	88866816	88963564	8896421;
282 NA12872	[2515685 chr10	10	89144361	89149170	4810	10	-0.300569	0.047809	89144303	89144873	89149461	8914946;
283 NA12872	[2515685 chr10	10	89153792	89179870	26079	42	-0.302637	0.019856	89150578	89156536	89179587	8918015;
284 NA12872	[2515685 chr10	10	124336365	124341749	5385	6	0.554125	0.067123	124335581	124337149	124341238	12434226
285 NA12872	[2515685 chr10	10	125162280	125164334	2055	2	-0.957758	0.105072	125161337	125163224	125163911	12516475;
286 NA12872	[2515685 chr10	10	133602364	133603160	797	11	-0.314519	0.039247	133602112	133602617	133602987	13360333
287 NA12872	[2515685 chr10	10	134168766	134170259	1494	17	-0.837113	0.041884	134168524	134169008	134170097	13417042;
288 NA12872	[2515685 chr10	10	134765630	134767237	1608	7	0.263819	0.047324	134765279	134765982	134766997	13476747
289 NA12872	[2515685 chr10	10	135179346	135183528	4183	23	0.382432	0.017837	135178919	135179774	135183320	13518373
290 NA12872	[2515685 chr10	10	135365507	135367159	1653	2	0.68533	0.119205	135364999	135366016	135366656	13536766
291 NA12872	[2515685 chr11	11	2840307	2842410	2104	3	1.065456	0.102954	2839959	2840656	2841856	284296;
292 NA12872	[2515685 chr11	11	3199166	3200613	1448	2	-0.696473	0.106516	3198820	3199512	3200156	320107;
293 NA12872	[2515685 chr11	11	3628748	3632795	4048	6	0.325621	0.059485	3625722	3631775	3632594	363299;
294 NA12872	[2515685 chr11	11	5717038	5718491	1454	2	4.220224	0.22154	5716660	5717416	5718038	571894;
295 NA12872	[2515685 chr11	11	5741269	5765993	24725	33	1.493105	0.03791	5741059	5741480	5765632	576635;
296 NA12872	[2515685 chr11	11	10216340	10218077	1738	2	-0.96787	0.123642	10215575	10217106	10217827	1021832;

297 NA12872	[2515685 chr11	11	10224780	10229788	5009	5	0.631865	0.086668	10219961	10227860	10227972	1023160!
298 NA12872	[2515685 chr11	11	11831868	11833089	1222	2	0.878517	0.122299	11831412	11832324	11832853	1183332!
299 NA12872	[2515685 chr11	11	18906905	18928671	21767	30	0.367494	0.026879	18906533	18907278	18928457	1892888!
300 NA12872	[2515685 chr11	11	25614168	25624918	10751	10	-0.80581	0.050468	25612852	25615485	25621838	2562806!
301 NA12872	[2515685 chr11	11	28965605	28969186	3582	5	3.786174	0.14937	28965284	28965927	28968702	2896967!
302 NA12872	[2515685 chr11	11	48284073	48284771	699	2	1.003521	0.107737	48283862	48284285	48284572	4828497!
303 NA12872	[2515685 chr11	11	49665830	49715828	49999	36	0.421312	0.025206	49665251	49666410	49712748	4972198!
304 NA12872	[2515685 chr11	11	50233802	50235333	1532	3	-0.455726	0.063953	50233483	50234121	50234922	5023574!
305 NA12872	[2515685 chr11	11	55124643	55212648	88006	98	-0.774631	0.016418	55124460	55124827	55209568	5521575!
306 NA12872	[2515685 chr11	11	73815147	73818580	3434	3	-0.531836	0.091512	73812981	73817313	73818213	7381894!
307 NA12872	[2515685 chr11	11	81179059	81197694	18636	15	-0.810944	0.041805	81178883	81179236	81194614	8120214!
308 NA12872	[2515685 chr11	11	84215920	84248794	32875	22	-0.748451	0.035338	84214581	84217259	84248445	8424914!
309 NA12872	[2515685 chr11	11	134107699	134112290	4592	5	0.739236	0.071237	134106591	134108808	134111845	13411273!
310 NA12872	[2515685 chr12	12	737326	744802	7477	8	0.999369	0.052608	737064	737588	744211	745394!
311 NA12872	[2515685 chr12	12	2116865	2127044	10180	13	-1.429166	0.054221	2116538	2117192	2126809	2127279!
312 NA12872	[2515685 chr12	12	9524239	9610804	86566	94	0.693094	0.016495	9523968	9524510	9610082	961152!
313 NA12872	[2515685 chr12	12	9616656	9624971	8316	9	0.444918	0.050471	9616460	9616852	9623223	962672!
314 NA12872	[2515685 chr12	12	11068263	11184613	116351	124	-0.297603	0.013061	11067734	11068793	11184213	1118501!
315 NA12872	[2515685 chr12	12	11398049	11463223	65175	66	-0.278264	0.017864	11397507	11398591	11459990	1146645!
316 NA12872	[2515685 chr12	12	17847674	17857072	9399	6	0.556132	0.05917	17847427	17847922	17856109	1785803!
317 NA12872	[2515685 chr12	12	30348930	30352723	3794	3	0.450576	0.079766	30348429	30349431	30351682	3035376!
318 NA12872	[2515685 chr12	12	31155331	31244780	89450	84	0.402863	0.016093	31155092	31155571	31244217	3124534!
319 NA12872	[2515685 chr12	12	46994634	46995975	1342	2	-0.710911	0.13028	46994358	46994911	46995667	4699628!
320 NA12872	[2515685 chr12	12	98296195	98302019	5825	12	-0.72549	0.043362	98295885	98296506	98298530	9830594!
321 NA12872	[2515685 chr12	12	128864324	128869047	4724	14	-0.51094	0.026247	128863938	128864711	128867605	12887048!
322 NA12872	[2515685 chr12	12	130257877	130259876	2000	3	-0.48333	0.076828	130257493	130258262	130259649	13026010!
323 NA12872	[2515685 chr12	12	131046250	131046750	501	2	1.135789	0.128723	131046129	131046371	131046551	13104694!
324 NA12872	[2515685 chr13	13	18094835	18101592	6758	10	0.254891	0.045364	18094553	18095118	18101375	1810180!
325 NA12872	[2515685 chr13	13	25947233	25950398	3166	3	2.99335	0.14442	25946194	25948272	25949415	2595138!
326 NA12872	[2515685 chr13	13	33029575	33043421	13847	9	0.756912	0.054851	33000262	33034253	33042925	3304391!
327 NA12872	[2515685 chr13	13	33852305	33853351	1047	2	-0.539776	0.099365	33852033	33852578	33853063	3385363!
328 NA12872	[2515685 chr13	13	36971484	36983475	11992	10	-0.835332	0.053239	36969416	36973552	36982905	3698404!
329 NA12872	[2515685 chr13	13	56653890	56687244	33355	31	-0.825176	0.029428	56650401	56657380	56686891	5668759!
330 NA12872	[2515685 chr13	13	69633905	69673289	39385	42	0.742073	0.02461	69633412	69634399	69672985	6967359!
331 NA12872	[2515685 chr13	13	109215660	109219740	4081	9	-0.289287	0.049042	109215230	109216090	109219483	10921999!
332 NA12872	[2515685 chr13	13	110502383	110503129	747	3	-0.699403	0.091881	110502225	110502541	110502890	11050336!
333 NA12872	[2515685 chr13	13	113079647	113086816	7170	3	0.670535	0.085424	113078890	113080404	113082138	11309434!
334 NA12872	[2515685 chr14	14	18527136	18544459	17324	9	-0.695507	0.048838	18526373	18527899	18544131	1854478!
335 NA12872	[2515685 chr14	14	18550423	18567580	17158	31	-0.363101	0.023818	18550022	18550824	18566846	1856831!
336 NA12872	[2515685 chr14	14	18579242	18615389	36148	40	-0.349712	0.021949	18579011	18579473	18614741	1861603!
337 NA12872	[2515685 chr14	14	18720801	18750673	29873	48	-0.340203	0.01912	18720197	18721406	18750497	1875085!
338 NA12872	[2515685 chr14	14	18762777	18780118	17342	32	-0.340758	0.023681	18762736	18762818	18779833	1878040!
339 NA12872	[2515685 chr14	14	18935340	18994562	59223	106	-0.314254	0.013116	18935011	18935670	18993957	1899516!
340 NA12872	[2515685 chr14	14	19095788	19135482	39695	46	-0.336057	0.019492	19095757	19095820	19135280	1913568!
341 NA12872	[2515685 chr14	14	19145876	19152439	6564	14	-0.40947	0.036848	19145143	19146610	19152098	1915278!
342 NA12872	[2515685 chr14	14	19265232	19494842	229611	212	0.252137	0.009865	19261661	19268804	19494444	1949524!
343 NA12872	[2515685 chr14	14	32022775	32026140	3366	2	-1.186691	0.130258	32022274	32023276	32023749	3202853!
344 NA12872	[2515685 chr14	14	40679041	40739449	60409	57	-0.841774	0.02127	40678078	40680005	40739212	4073968!
345 NA12872	[2515685 chr14	14	41983819	41985303	1485	2	-0.613811	0.107779	41983366	41984273	41985001	4198560!
346 NA12872	[2515685 chr14	14	42059344	42062997	3654	2	0.752266	0.113821	42056485	42062203	42062601	4206339!
347 NA12872	[2515685 chr14	14	73063171	73119729	56559	51	0.436656	0.019979	73061866	73064476	73118276	7312118!
348 NA12872	[2515685 chr14	14	77193994	77196644	2651	3	0.449466	0.076311	77193776	77194213	77196380	7719690!
349 NA12872	[2515685 chr14	14	104766812	104778505	11694	145	-0.523279	0.008902	104766457	104767167	104778286	10477872!
350 NA12872	[2515685 chr15	15	18555968	18557255	1288	2	-0.63675	0.108697	18555543	18556394	18556441	1855806!
351 NA12872	[2515685 chr15	15	19013084	19026347	13264	17	-0.268709	0.027516	19012916	19013253	19025206	1902748!

352 NA12872	[2515685 chr15	15	19218887	19227401	8515	10	0.440387	0.047548	19218462	19219313	19227233	19227571
353 NA12872	[2515685 chr15	15	19462326	19466745	4420	4	0.589809	0.073543	19461886	19462767	19466696	1946679
354 NA12872	[2515685 chr15	15	19843733	19845597	1865	4	-0.667201	0.072713	19843516	19843950	19845254	1984594
355 NA12872	[2515685 chr15	15	19878004	19883216	5213	8	-0.559602	0.055165	19877399	19878609	19882739	1988369
356 NA12872	[2515685 chr15	15	19948265	19970365	22101	28	-0.263011	0.02814	19946910	19949620	19970015	19970711
357 NA12872	[2515685 chr15	15	20199244	20252359	53116	104	-0.332981	0.012701	20198407	20200082	20251841	2025287
358 NA12872	[2515685 chr15	15	20371611	20383831	12221	17	-0.44009	0.031964	20367922	20373912	20383079	2038458
359 NA12872	[2515685 chr15	15	20640250	20682839	42590	51	-0.272652	0.020384	20638816	20641684	20682606	2068307
360 NA12872	[2515685 chr15	15	21605983	21614599	8617	8	0.733401	0.06134	21605507	21606459	21612298	2163669
361 NA12872	[2515685 chr15	15	24986053	24992250	6198	7	0.725502	0.061814	24985426	24986680	24991680	2499282
362 NA12872	[2515685 chr15	15	26321176	26553418	232243	275	-0.317229	0.007816	26320060	26322293	26552290	2655454
363 NA12872	[2515685 chr15	15	32469460	32663929	194470	198	0.274705	0.009445	32469063	32469858	32663325	3266453
364 NA12872	[2515685 chr15	15	39889385	39890850	1466	2	0.522336	0.100366	39888917	39889854	39890418	3989128
365 NA12872	[2515685 chr15	15	66450268	66451800	1533	2	-0.661972	0.114158	66449997	66450539	66451265	6645233
366 NA12872	[2515685 chr15	15	74671388	74682819	11432	9	0.811674	0.054788	74671122	74671654	74680518	7468951
367 NA12872	[2515685 chr15	15	75117585	75118816	1232	2	-2.726356	0.218676	75117343	75117827	75118392	7511924
368 NA12872	[2515685 chr15	15	75118816	75119946	1131	2	-0.845621	0.117207	75118392	75119240	75119741	7512015
369 NA12872	[2515685 chr15	15	80437061	80439837	2777	7	0.333181	0.047369	80436487	80437636	80438703	8044097
370 NA12872	[2515685 chr15	15	80744566	80773331	28766	25	0.271427	0.023328	80743980	80745152	80773241	8077342
371 NA12872	[2515685 chr15	15	80823554	80826190	2637	7	0.333181	0.047369	80822980	80824129	80825196	8082718
372 NA12872	[2515685 chr15	15	95617173	95635464	18292	8	-0.805845	0.057598	95616758	95617589	95633163	9565465
373 NA12872	[2515685 chr15	15	98234084	98240716	6633	8	-2.009323	0.09434	98233842	98234327	98239350	9824208
374 NA12872	[2515685 chr16	16	12563891	12565579	1689	2	-0.58453	0.10392	12563523	12564260	12565191	1256596
375 NA12872	[2515685 chr16	16	14696077	14703775	7699	5	-0.26846	0.045808	14695838	14696316	14703313	1470423
376 NA12872	[2515685 chr16	16	14735195	14742897	7703	5	-0.268462	0.045808	14734956	14735434	14742435	1474335
377 NA12872	[2515685 chr16	16	15133678	15134219	542	3	0.486568	0.067343	15133476	15133880	15133945	1513449
378 NA12872	[2515685 chr16	16	16364956	16368793	3838	11	0.413702	0.045081	16364757	16365156	16368675	1636891
379 NA12872	[2515685 chr16	16	16633469	16639120	5652	4	0.816115	0.077696	16632502	16634437	16638386	1663985
380 NA12872	[2515685 chr16	16	18382888	18389829	6942	24	0.318221	0.026866	18382735	18383042	18389520	1839013
381 NA12872	[2515685 chr16	16	21476301	21502620	26320	18	0.365348	0.033921	21475893	21476709	21501101	2150414
382 NA12872	[2515685 chr16	16	22460423	22618743	158321	145	0.26092	0.011101	22460417	22460429	22617181	2262030
383 NA12872	[2515685 chr16	16	28617225	28628869	11645	12	0.267901	0.043011	28615757	28618694	28628377	2862936
384 NA12872	[2515685 chr16	16	30101364	30102578	1215	2	0.690766	0.110332	30101045	30101684	30102223	3010293
385 NA12872	[2515685 chr16	16	32106365	32106861	497	3	0.43772	0.083184	32106136	32106595	32106686	3210703
386 NA12872	[2515685 chr16	16	32159898	32160377	480	2	-1.046683	0.08509	32159453	32160343	32160346	3216040
387 NA12872	[2515685 chr16	16	32606692	32607163	472	2	-1.046683	0.08509	32606661	32606724	32606727	3260759
388 NA12872	[2515685 chr16	16	32660208	32660703	496	3	0.437723	0.083184	32660033	32660384	32660474	3266093
389 NA12872	[2515685 chr16	16	33047346	33047842	497	3	0.43772	0.083184	33047117	33047575	33047666	3304801
390 NA12872	[2515685 chr16	16	33100875	33101346	472	2	-1.046684	0.08509	33100438	33101312	33101315	3310137
391 NA12872	[2515685 chr16	16	33157406	33157879	474	2	-1.04669	0.08509	33156967	33157845	33157848	3315791
392 NA12872	[2515685 chr16	16	68682276	68685390	3115	2	-0.638717	0.110788	68681902	68682651	68685071	6868571
393 NA12872	[2515685 chr16	16	68703515	68755580	52066	58	-0.265737	0.019188	68702955	68704076	68755265	6875589
394 NA12872	[2515685 chr16	16	76932229	76942282	10054	8	-1.286044	0.064491	76931263	76933196	76941602	7694296
395 NA12872	[2515685 chr16	16	84561410	84565235	3826	12	0.274416	0.042967	84561136	84561685	84565142	8456532
396 NA12872	[2515685 chr17	17	18297898	18327100	29203	40	0.272665	0.023012	18297765	18298031	18326880	1832732
397 NA12872	[2515685 chr17	17	18331739	18332345	607	2	-0.5916	0.101365	18331509	18331970	18331978	1833271
398 NA12872	[2515685 chr17	17	20299935	20300531	597	2	-0.591598	0.101365	20299568	20300303	20300311	2030075
399 NA12872	[2515685 chr17	17	21942843	21954469	11627	19	-0.372116	0.033494	21942618	21943068	21954310	2195462
400 NA12872	[2515685 chr17	17	32829500	32833231	3732	5	0.858217	0.073859	32828825	32830175	32832670	3283379
401 NA12872	[2515685 chr17	17	36675530	36685343	9814	10	-0.672272	0.050363	36675011	36676049	36684647	3668604
402 NA12872	[2515685 chr17	17	41011870	41060451	48582	47	0.285059	0.021115	41011558	41012183	41058251	4106269
403 NA12872	[2515685 chr17	17	41568884	41724965	156082	154	0.454096	0.011952	41568208	41569561	41724205	4172572
404 NA12872	[2515685 chr17	17	48509183	48510342	1160	2	-0.649205	0.118162	48508969	48509398	48509953	4851073
405 NA12872	[2515685 chr17	17	60340709	60358929	18221	12	0.495639	0.043601	60339551	60341867	60357902	6035995
406 NA12872	[2515685 chr18	18	14774537	14807462	32926	43	-0.278755	0.020155	14774248	14774826	14807200	1480772

407 NA12872	[2515685 chr18	18	28142218	28143399	1182	2	0.670386	0.121254	28141854	28142583	28143055	2814374-
408 NA12872	[2515685 chr18	18	61874791	61883105	8315	9	-0.876412	0.053131	61874483	61875100	61882738	6188347:
409 NA12872	[2515685 chr18	18	61917747	61920171	2425	4	2.193395	0.123267	61917522	61917973	61919646	6192069:
410 NA12872	[2515685 chr18	18	74230393	74234275	3883	31	-0.626306	0.016317	74229835	74230952	74234139	7423441:
411 NA12872	[2515685 chr18	18	74373005	74379534	6530	10	0.262751	0.032	74372064	74373947	74378860	7438020:
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413 NA12872	[2515685 chr19	19	310414	312953	2540	14	-0.614424	0.039903	309687	311142	312913	312994
414 NA12872	[2515685 chr19	19	1200296	1202522	2227	3	0.722655	0.091497	1199725	1200868	1202197	120284:
415 NA12872	[2515685 chr19	19	8708780	8763535	54756	94	0.366109	0.009941	8708296	8709264	8763160	876391:
416 NA12872	[2515685 chr19	19	23007904	23013252	5349	5	0.860565	0.078221	22990964	23010431	23012979	2301352:
417 NA12872	[2515685 chr19	19	23108259	23109446	1188	2	1.237494	0.123161	23107903	23108615	23108879	2311001-
418 NA12872	[2515685 chr19	19	39419837	39421349	1513	3	0.537149	0.091827	39419616	39420059	39421018	3942168:
419 NA12872	[2515685 chr19	19	40543556	40545135	1580	3	-2.325688	0.134364	40543292	40543821	40544782	4054548:
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421 NA12872	[2515685 chr19	19	58210435	58244458	34024	26	-0.324357	0.029007	58209863	58211007	58243893	5824502-
422 NA12872	[2515685 chr19	19	59419268	59434606	15339	19	0.440071	0.033266	59418762	59419774	59434186	5943502:
423 NA12872	[2515685 chr19	19	59492384	59498950	6567	7	0.313607	0.053088	59491977	59492791	59497077	5950082:
424 NA12872	[2515685 chr19	19	60958920	60976029	17110	15	-0.473323	0.038353	60959733	60959907	60975748	6097631:
425 NA12872	[2515685 chr20	20	15249645	15251805	2161	2	-0.811114	0.099994	15249381	15249909	15251287	1525232:
426 NA12872	[2515685 chr20	20	28035722	28099743	64022	71	-0.295504	0.016877	28035414	28036031	28099592	2809989:
427 NA12872	[2515685 chr20	20	49817373	49819212	1840	2	0.783899	0.12068	49816867	49817880	49818962	4981946:
428 NA12872	[2515685 chr20	20	59950373	59957050	6678	19	0.44488	0.030678	59950066	59950681	59956538	5995756:
429 NA12872	[2515685 chr20	20	61752758	61754878	2121	2	-0.462488	0.083293	61752142	61753375	61754167	6175558:
430 NA12872	[2515685 chr20	20	62066380	62068214	1835	8	1.64169	0.058056	62066146	62066615	62067671	6206875:
431 NA12872	[2515685 chr21	21	13716094	13723694	7601	10	-0.28932	0.045247	13715627	13716561	13723457	1372393:
432 NA12872	[2515685 chr21	21	14012497	14015193	2697	5	0.463162	0.062635	14011969	14013026	14014884	1401550:
433 NA12872	[2515685 chr22	22	14474806	14830910	356105	664	-0.250328	0.005017	14474622	14474991	14830451	1483136:
434 NA12872	[2515685 chr22	22	17032140	17249803	217664	353	0.288311	0.006909	17031480	17032801	17249433	1725017-
435 NA12872	[2515685 chr22	22	18701702	18734175	32474	45	0.301462	0.01932	18701563	18701841	18733858	1873449:
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438 NA12872	[2515685 chr22	22	19022410	19041529	19120	19	0.346472	0.031634	19022072	19022748	19040908	1904215:
439 NA12872	[2515685 chr22	22	19789638	20003066	213429	350	0.298019	0.006921	19788642	19790634	20002927	2000320:
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446 NA12872	[2515685 chr22	22	33619409	33623490	4082	5	0.782453	0.064378	33618939	33619879	33622642	3362433:
447 NA12872	[2515685 chr22	22	36466389	36468008	1620	2	0.631534	0.123981	36466071	36466707	36467496	3646852:
448 NA12872	[2515685 chr22	22	37618794	37624009	5216	7	-3.618792	0.122155	37618728	37618860	37621331	3762705:
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450 NA12872	[2515685 chrX	23	655376	657388	2013	4	-0.832143	0.083722	655166	655586	656091	658686
451 NA12872	[2515685 chrX	23	2286200	2288297	2098	2	0.722439	0.086246	2285671	2286730	2287550	228904:
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453 NA12872	[2515685 chrX	23	57518837	57559934	41098	7	-0.391123	0.075461	57518804	57518871	57555967	5758632:
454 NA12872	[2515685 chrX	23	114783411	114796920	13510	35	-0.472693	0.012986	114783196	114783627	114796162	1147976:
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456 NA12872	[2515685 chrX	23	115170476	115171520	1045	2	0.666278	0.103726	115170396	115170556	115170717	11517232:
457 NA12872	[2515685 chrX	23	134569408	134698023	128616	224	0.290172	0.007309	134569294	134569522	134696803	13469924
458 NA12872	[2515685 chrX	23	139806116	139834048	27933	46	0.394456	0.015572	139802399	139809834	139830081	13984227:
459 NA12872	[2515685 chrX	23	140043042	140066703	23662	27	0.357485	0.021661	140042826	140043259	140062736	14007331
460 NA12872	[2515685 chrX	23	140386675	140413881	27207	48	0.405118	0.015728	140378397	140390642	140411067	14041669
461 NA12872	[2515685 chrX	23	140500461	140513745	13285	26	0.391204	0.022056	140492162	140504428	140512707	14051478

462 NA12872	[2515685 chrX	23	145885412	145891435	6024	3	-3.298704	0.184937	145885185	145885639	145891255	14589161
463 NA12872	[2515685 chrX	23	146068677	146075231	6555	16	0.25251	0.032343	146068435	146068920	146074535	14607592
464 NA12872	[2515685 chrY	24	655376	657388	2013	4	-0.832143	0.083722	655166	655586	656091	658686
465 NA12872	[2515685 chrY	24	2286200	2288297	2098	2	0.722439	0.086246	2285671	2286730	2287550	2289045
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468 NA12872	[2515685 chrY	24	22650628	22671548	20921	70	0.284133	0.012013	22649721	22651535	22671238	2267185
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1 NA18853	[2515685 chr1	1	29401	76985	47585	55	0.611715	0.020018	27752	31050	76641	77329
2 NA18853	[2515685 chr1	1	601045	612159	11115	8	-1.333898	0.057355	587801	604315	610122	614196
3 NA18853	[2515685 chr1	1	1853012	1854645	1634	2	0.822084	0.101801	1852616	1853409	1853816	185547
4 NA18853	[2515685 chr1	1	10304191	10312662	8472	7	-0.662471	0.059126	10303236	10305146	10312212	1031311
5 NA18853	[2515685 chr1	1	10416438	10418311	1874	2	-0.744484	0.101653	10415863	10417014	10417712	1041891
6 NA18853	[2515685 chr1	1	12677860	12681083	3224	3	-0.499648	0.092261	12677413	12678308	12679940	1268222
7 NA18853	[2515685 chr1	1	12829124	12858869	29746	47	0.281895	0.020168	12828579	12829669	12857222	1286051
8 NA18853	[2515685 chr1	1	12884329	12886858	2530	4	0.50825	0.057979	12884224	12884434	12886536	1288718
9 NA18853	[2515685 chr1	1	13124784	13125221	438	2	0.623469	0.095063	13124609	13124960	13124977	1312546
10 NA18853	[2515685 chr1	1	13159940	13162706	2767	4	0.554031	0.053894	13159618	13160263	13162366	1316304
11 NA18853	[2515685 chr1	1	13380737	13383503	2767	4	0.554031	0.053894	13380415	13381060	13383163	1338384
12 NA18853	[2515685 chr1	1	16990666	17000441	9776	11	0.276867	0.044806	16990435	16990898	16999783	1700110
13 NA18853	[2515685 chr1	1	25330302	25409968	79667	79	0.296511	0.016017	25329943	25330662	25409763	2541017
14 NA18853	[2515685 chr1	1	25434181	25439981	5801	14	0.327619	0.039299	25433990	25434373	25438920	2544104
15 NA18853	[2515685 chr1	1	53712597	53714404	1808	2	-0.741709	0.10392	53712284	53712911	53714100	5371470
16 NA18853	[2515685 chr1	1	55013192	55017138	3947	4	-0.810613	0.079076	55012686	55013699	55015642	5501863
17 NA18853	[2515685 chr1	1	57259472	57261898	2427	2	0.598639	0.114687	57259022	57259922	57261075	5726272
18 NA18853	[2515685 chr1	1	72478372	72524180	45809	36	0.82522	0.025679	72478140	72478604	72523661	7252470
19 NA18853	[2515685 chr1	1	89188117	89190762	2646	5	1.586214	0.087016	89187764	89188470	89190458	8919106
20 NA18853	[2515685 chr1	1	94869509	94870854	1346	3	0.467459	0.072764	94869219	94869799	94870647	9487106
21 NA18853	[2515685 chr1	1	100154289	100155903	1615	2	0.598268	0.099767	100153890	100154689	100155558	10015624
22 NA18853	[2515685 chr1	1	105728161	105735462	7302	8	-3.644189	0.117192	105727820	105728503	105734532	10573639
23 NA18853	[2515685 chr1	1	108444641	108449550	4910	9	0.684997	0.050732	108443817	108445466	108449224	10844987
24 NA18853	[2515685 chr1	1	108514938	108549101	34164	51	0.329204	0.020855	108514864	108515012	108548555	10854964
25 NA18853	[2515685 chr1	1	108638318	108688767	50450	59	0.325492	0.019447	108638254	108638383	108688693	10868884
26 NA18853	[2515685 chr1	1	109936541	109953240	16700	22	0.506596	0.031097	109935803	109937279	109952761	10995372
27 NA18853	[2515685 chr1	1	112405902	112416691	10790	10	0.57667	0.050072	112405415	112406389	112416423	11241696
28 NA18853	[2515685 chr1	1	142744385	142745273	889	2	0.804514	0.117546	142743794	142744976	142745023	14274552
29 NA18853	[2515685 chr1	1	145819541	145821079	1539	2	0.836255	0.107414	145819262	145819821	145820633	14582152
30 NA18853	[2515685 chr1	1	145855194	145860363	5170	5	0.522198	0.066988	145848112	145858464	145860127	14586059
31 NA18853	[2515685 chr1	1	145886165	145902772	16608	14	0.405891	0.039595	145885500	145886831	145902451	14590309
32 NA18853	[2515685 chr1	1	145929568	145951531	21964	26	0.4427	0.028996	145929405	145929732	145951467	14595159
33 NA18853	[2515685 chr1	1	158293934	158377436	83503	98	-0.562596	0.014854	158293643	158294226	158377203	15837767
34 NA18853	[2515685 chr1	1	193448820	193555075	106256	89	0.431299	0.015924	193448631	193449010	193554890	19355526
35 NA18853	[2515685 chr1	1	193619849	193650443	30595	24	0.319864	0.028687	193619444	193620254	193650245	19365064
36 NA18853	[2515685 chr1	1	204229515	204234080	4566	4	-0.75877	0.07255	204228648	204230383	204233127	20423503
37 NA18853	[2515685 chr1	1	218762650	218768272	5623	6	0.344164	0.06012	218762212	218763089	218767017	21876952
38 NA18853	[2515685 chr1	1	226117234	226125723	8490	2	-0.577245	0.112005	226114786	226119683	226122453	22612975
39 NA18853	[2515685 chr1	1	234431726	234434986	3261	4	-0.362315	0.070958	234431378	234432075	234434147	23443582
40 NA18853	[2515685 chr1	1	236719047	236720968	1922	3	-0.905655	0.088243	236718751	236719344	236720749	23672118
41 NA18853	[2515685 chr1	1	243009520	243011368	1849	3	-0.554567	0.083924	243008430	243010610	243011204	24301153
42 NA18853	[2515685 chr1	1	244872415	244874585	2171	6	-0.334779	0.063195	244872245	244872585	244874398	24487477
43 NA18853	[2515685 chr2	2	296456	298925	2470	8	-0.9443	0.056725	296213	296699	298661	299185
44 NA18853	[2515685 chr2	2	388500	391649	3150	7	-0.576593	0.059045	387915	389086	391236	392063
45 NA18853	[2515685 chr2	2	34606446	34641571	35126	38	0.737968	0.025188	34601818	34609397	34641330	3464181
46 NA18853	[2515685 chr2	2	35896479	35905930	9452	3	-0.811959	0.084593	35879425	35899430	35902979	3590982

47 NA18853	[2515685 chr2	2	37869648	37911473	41826	43	-0.411062	0.022088	37869077	37870220	37911214	3791173:
48 NA18853	[2515685 chr2	2	41150168	41161411	11244	13	-0.850765	0.040615	41149866	41150471	41160114	4116270!
49 NA18853	[2515685 chr2	2	51421537	51422882	1346	2	0.550493	0.10125	51421334	51421741	51422648	5142311!
50 NA18853	[2515685 chr2	2	55822423	55850659	28237	29	0.514594	0.027593	55821905	55822941	55850414	5585090.
51 NA18853	[2515685 chr2	2	56563626	56567381	3756	2	3.536512	0.205704	56556559	56566577	56567035	5656772!
52 NA18853	[2515685 chr2	2	58735266	58736833	1568	2	-0.561794	0.085731	58734865	58735667	58736407	5873725!
53 NA18853	[2515685 chr2	2	61675589	61676777	1189	2	0.936688	0.135196	61675200	61675979	61676468	6167708!
54 NA18853	[2515685 chr2	2	73922476	73948487	26012	42	-0.813313	0.014458	73922222	73922730	73948060	7394891!
55 NA18853	[2515685 chr2	2	75296507	75298934	2428	2	0.913566	0.10763	75296056	75296959	75298532	7529933!
56 NA18853	[2515685 chr2	2	83700160	83702920	2761	2	-0.709152	0.118556	83699507	83700814	83701859	8370398!
57 NA18853	[2515685 chr2	2	94985753	94992426	6674	6	-0.315066	0.058274	94984352	94987154	94989475	9499588!
58 NA18853	[2515685 chr2	2	97184386	97189733	5348	2	-0.789668	0.107496	97182781	97185992	97186782	9719672!
59 NA18853	[2515685 chr2	2	108313968	108314875	908	2	0.657613	0.107509	108313664	108314272	108314680	10831507!
60 NA18853	[2515685 chr2	2	110167854	110168359	506	2	-0.862031	0.111218	110167550	110168159	110168235	11016848!
61 NA18853	[2515685 chr2	2	110510216	110510722	507	2	-0.862042	0.111218	110510092	110510341	110510418	11051102!
62 NA18853	[2515685 chr2	2	111696774	111699712	2939	17	0.295823	0.035187	111696413	111697136	111699396	11170002!
63 NA18853	[2515685 chr2	2	115108324	115118866	10543	10	-0.814148	0.051198	115107995	115108654	115118291	11511944!
64 NA18853	[2515685 chr2	2	123193457	123198547	5091	4	-0.789635	0.075707	123193121	123193793	123198337	12319875!
65 NA18853	[2515685 chr2	2	129229413	129230774	1362	2	-1.149262	0.125815	129229234	129229593	129230356	12923119!
66 NA18853	[2515685 chr2	2	130410671	130412325	1655	2	-0.668842	0.107244	130410236	130411106	130412086	13041256!
67 NA18853	[2515685 chr2	2	130420955	130425589	4635	3	-0.770694	0.09851	130420630	130421281	130423487	13042769!
68 NA18853	[2515685 chr2	2	130449037	130450259	1223	2	-0.738156	0.101412	130448725	130449350	130449916	13045060!
69 NA18853	[2515685 chr2	2	131950969	131953962	2994	4	-0.516582	0.078646	131950064	131951874	131953571	13195435!
70 NA18853	[2515685 chr2	2	132846945	132873051	26107	20	0.375025	0.033502	132846760	132847131	132872791	13287331!
71 NA18853	[2515685 chr2	2	153495552	153499409	3858	2	0.694231	0.116908	153484545	153498503	153498846	15349997!
72 NA18853	[2515685 chr2	2	153622711	153625256	2546	3	0.951773	0.091745	153621175	153624247	153625088	15362542!
73 NA18853	[2515685 chr2	2	180237123	180248038	10916	9	-0.754647	0.05064	180235687	180238560	180247508	18024856!
74 NA18853	[2515685 chr2	2	195804965	195809805	4841	5	-1.59995	0.096295	195803577	195806354	195809355	19581025!
75 NA18853	[2515685 chr2	2	205170277	205174390	4114	3	-0.923629	0.099735	205169161	205171394	205173803	20517497!
76 NA18853	[2515685 chr2	2	208176479	208184457	7979	7	0.854084	0.059315	208176093	208176865	208183930	20818498!
77 NA18853	[2515685 chr2	2	232512469	232537143	24675	6	-0.551076	0.038249	232511142	232513796	232534243	23254004!
78 NA18853	[2515685 chr2	2	242664580	242668683	4104	10	0.66678	0.037653	242664284	242664877	242668532	24266885!
79 NA18853	[2515685 chr3	3	204650	209394	4745	4	0.934887	0.073241	202918	206383	209009	209773
80 NA18853	[2515685 chr3	3	1757211	1765703	8493	2	0.856163	0.116777	1756096	1758327	1762058	179730!
81 NA18853	[2515685 chr3	3	46770617	46824272	53656	10	-0.700405	0.044491	46770172	46771063	46824049	4682449!
82 NA18853	[2515685 chr3	3	46824785	46825913	1129	2	-0.609431	0.120402	46824495	46825076	46825497	4682633!
83 NA18853	[2515685 chr3	3	68821474	68830847	9374	17	0.696982	0.036919	68818894	68824055	68830417	6883127!
84 NA18853	[2515685 chr3	3	75433237	75437534	4298	3	-0.443801	0.076147	75432910	75433565	75434675	7544039!
85 NA18853	[2515685 chr3	3	76066312	76081451	15140	19	-0.50021	0.033517	76065787	76066838	76081180	7608172!
86 NA18853	[2515685 chr3	3	82951524	82955577	4054	7	-0.891934	0.0621	82951325	82951723	82955245	8295590!
87 NA18853	[2515685 chr3	3	127155218	127158873	3656	6	-1.058937	0.067344	127155047	127155390	127158237	12715950!
88 NA18853	[2515685 chr3	3	139287057	139289507	2451	3	0.952874	0.10222	139286041	139288073	139289200	13928981!
89 NA18853	[2515685 chr3	3	144701165	144703799	2635	2	-1.002155	0.125038	144699852	144702479	144703331	14470426!
90 NA18853	[2515685 chr3	3	145763994	145774342	10349	10	-0.868575	0.05248	145763667	145764322	145773831	14577485!
91 NA18853	[2515685 chr3	3	145803560	145806238	2679	2	0.592669	0.094857	145803138	145803982	145805964	14580651!
92 NA18853	[2515685 chr3	3	163994592	164106273	111682	103	2.710658	0.026213	163993392	163995793	164106029	16410651!
93 NA18853	[2515685 chr3	3	164106273	164108502	2230	2	0.740072	0.115622	164106029	164106517	164108018	16410898!
94 NA18853	[2515685 chr3	3	164200660	164205886	5227	5	-3.276548	0.138766	164200187	164201133	164204674	16420709!
95 NA18853	[2515685 chr3	3	166745688	166769955	24268	29	-0.73955	0.030066	166744697	166746680	166766310	16677933!
96 NA18853	[2515685 chr3	3	191219813	191223326	3514	4	0.72386	0.073816	191219291	191220336	191222918	19122373!
97 NA18853	[2515685 chr3	3	192547312	192554331	7020	10	0.916437	0.051619	192546950	192547674	192554127	19255453!
98 NA18853	[2515685 chr3	3	196679304	196713768	34465	36	0.466941	0.01889	196677636	196680972	196711768	19671576!
99 NA18853	[2515685 chr3	3	196879006	196938361	59356	69	-0.404695	0.015039	196878963	196879049	196937706	19693901!
100 NA18853	[2515685 chr3	3	196942858	196966359	23502	21	-0.404695	0.015039	196942569	196943147	196966111	19696660!
101 NA18853	[2515685 chr3	3	196991681	196993357	1677	7	0.565526	0.06041	196991423	196991939	196993124	19699359!



102 NA18853	[2515685 chr3	3	197267244	197268267	1024	2	-0.518896	0.103482	197267046	197267442	197267957	19726857
103 NA18853	[2515685 chr3	3	198422794	198427408	4615	2	0.839645	0.12371	198422381	198423207	198423959	19843085
104 NA18853	[2515685 chr3	3	198572377	198575179	2803	2	-0.484286	0.093332	198572010	198572745	198573395	19857696
105 NA18853	[2515685 chr3	3	199218619	199221999	3381	12	-0.285068	0.045523	199218354	199218884	199220440	19922355
106 NA18853	[2515685 chr3	3	199313925	199321063	7139	15	1.033767	0.028105	199313515	199314336	199320844	19932128
107 NA18853	[2515685 chr3	3	199345966	199380053	34088	50	0.272965	0.019388	199339767	199349611	199377257	19938284
108 NA18853	[2515685 chr3	3	199383694	199384627	934	4	-0.470648	0.079875	199383507	199383882	199384512	19938474
109 NA18853	[2515685 chr4	4	8740317	8756949	16633	25	0.591925	0.019735	8740049	8740586	8756813	8757086
110 NA18853	[2515685 chr4	4	8998177	9046719	48543	87	0.979945	0.010165	8850774	9001243	9046129	9047306
111 NA18853	[2515685 chr4	4	9812346	9813108	763	33	2.434531	0.027362	9812284	9812408	9812952	9813266
112 NA18853	[2515685 chr4	4	9887220	9911397	24178	31	2.349946	0.043586	9886886	9887555	9910388	9912407
113 NA18853	[2515685 chr4	4	12044687	12062008	17322	18	-0.839342	0.037986	12041581	12047753	12058942	12068800
114 NA18853	[2515685 chr4	4	21045633	21053532	7900	8	-0.860892	0.058001	21045231	21046035	21053115	21053950
115 NA18853	[2515685 chr4	4	22340035	22343194	3160	4	-0.982552	0.079039	22339660	22340410	22342440	22343946
116 NA18853	[2515685 chr4	4	34602797	34650994	48198	45	0.747303	0.023954	34601994	34603600	34649535	34652456
117 NA18853	[2515685 chr4	4	42543240	42546856	3617	2	0.854899	0.106124	42538590	42546306	42546636	42547071
118 NA18853	[2515685 chr4	4	54332700	54338781	6082	2	0.5964	0.115814	54331085	54334316	54337034	54340521
119 NA18853	[2515685 chr4	4	69202095	69321049	118955	74	1.424118	0.022082	69201955	69202236	69320887	69321212
120 NA18853	[2515685 chr4	4	69321522	69365270	43749	40	0.553736	0.018553	69321212	69321833	69365129	69365417
121 NA18853	[2515685 chr4	4	69671789	69717280	45492	53	0.511153	0.017049	69671604	69671975	69717139	69717427
122 NA18853	[2515685 chr4	4	69997399	70016445	19047	7	0.301958	0.055631	69997260	69997538	70016192	70016696
123 NA18853	[2515685 chr4	4	70299503	70418701	119199	118	0.408127	0.013957	70299268	70299739	70418467	70418931
124 NA18853	[2515685 chr4	4	115534210	115541546	7337	9	0.86782	0.055338	115530015	115537276	115539984	11554310
125 NA18853	[2515685 chr4	4	124835704	124837199	1496	3	-0.511373	0.084776	124835418	124835991	124836924	124837476
126 NA18853	[2515685 chr4	4	132848421	132851466	3046	4	-0.829608	0.081684	132847980	132848862	132851018	13285191
127 NA18853	[2515685 chr4	4	133536192	133540723	4532	3	-0.708308	0.097368	133531398	133539258	133540462	13354098
128 NA18853	[2515685 chr4	4	138537751	138549906	12156	14	0.849455	0.044255	138537443	138538059	138547414	13855239
129 NA18853	[2515685 chr4	4	142588136	142590500	2365	4	-2.208807	0.111186	142587774	142588498	142590303	14259069
130 NA18853	[2515685 chr4	4	145240980	145245588	4609	4	-0.540818	0.082661	145240473	145241488	145245192	14524598
131 NA18853	[2515685 chr4	4	152236497	152243015	6519	8	-0.755107	0.053555	152231776	152239563	152241354	15224467
132 NA18853	[2515685 chr4	4	162237272	162242562	5291	8	0.870333	0.055407	162236487	162238058	162242381	16224274
133 NA18853	[2515685 chr4	4	162806038	162809269	3232	3	0.807668	0.084832	162804872	162807204	162808734	16280980
134 NA18853	[2515685 chr4	4	164311757	164315466	3710	6	-1.009538	0.064687	164311127	164312388	164315100	16431583
135 NA18853	[2515685 chr4	4	169184442	169368370	183929	161	0.751429	0.012313	169184090	169184794	169366713	16937002
136 NA18853	[2515685 chr4	4	173363594	173367718	4125	6	-0.786949	0.063192	173362583	173364606	173367283	17336815
137 NA18853	[2515685 chr4	4	178750399	178761484	11086	14	-0.784656	0.04143	178749967	178750832	178760588	17876238
138 NA18853	[2515685 chr4	4	181510330	181513372	3043	4	-0.898043	0.084615	181509772	181510889	181513067	18151367
139 NA18853	[2515685 chr4	4	185533276	185544849	11574	12	0.822451	0.045966	185532696	185533857	185543276	18554642
140 NA18853	[2515685 chr4	4	186816951	186819359	2409	3	3.694049	0.177646	186816420	186817483	186819049	18681967
141 NA18853	[2515685 chr4	4	187728494	187732907	4414	15	1.793231	0.048745	187728193	187728795	187732541	18773327
142 NA18853	[2515685 chr4	4	188255523	188269680	14158	235	0.748462	0.00893	188255215	188255831	188269403	18826995
143 NA18853	[2515685 chr4	4	189799455	189807562	8108	11	-0.769539	0.045594	189799180	189799730	189807064	18980806
144 NA18853	[2515685 chr4	4	190528602	190533163	4562	21	-0.971121	0.032656	190528058	190529146	190531664	19053466
145 NA18853	[2515685 chr4	4	190845771	191059687	213917	220	0.311274	0.009739	190845056	190846486	191059242	19106013
146 NA18853	[2515685 chr5	5	520743	521684	942	5	0.519247	0.072783	520428	521059	521427	521942
147 NA18853	[2515685 chr5	5	732764	901723	168960	154	0.43483	0.011111	732314	733215	901319	902127
148 NA18853	[2515685 chr5	5	1122995	1126517	3523	38	0.400527	0.017861	1122772	1123219	1126389	1126646
149 NA18853	[2515685 chr5	5	1223248	1223930	683	5	0.478623	0.058536	1223057	1223439	1223854	1224007
150 NA18853	[2515685 chr5	5	12863961	12873512	9552	14	-0.855243	0.04509	12863778	12864144	12873198	12873827
151 NA18853	[2515685 chr5	5	19410747	19412172	1426	3	-2.330514	0.136897	19410189	19411305	19411980	19412361
152 NA18853	[2515685 chr5	5	26831997	26837938	5942	6	-1.814908	0.097852	26829858	26834136	26837469	26838401
153 NA18853	[2515685 chr5	5	34243738	34244789	1052	3	0.396405	0.064772	34243371	34244105	34244564	34245011
154 NA18853	[2515685 chr5	5	61783743	61785396	1654	3	-0.785552	0.085133	61783295	61784192	61784900	61785897
155 NA18853	[2515685 chr5	5	68865200	68946635	81436	150	0.491489	0.011107	68864770	68865630	68946473	68946791
156 NA18853	[2515685 chr5	5	69061260	69061569	310	2	0.601772	0.086775	69061152	69061368	69061456	69061686

157 NA18853	[2515685 chr5	5	69358940	69372462	13523	17	0.368549	0.029491	69358540	69359340	69371968	69372957
158 NA18853	[2515685 chr5	5	69388384	69433946	45563	47	0.454078	0.016062	69386439	69390329	69433170	69434727
159 NA18853	[2515685 chr5	5	69713489	69713996	508	2	0.548743	0.088977	69713460	69713518	69713687	69714301
160 NA18853	[2515685 chr5	5	69741138	69803323	62186	101	0.435021	0.012849	69740930	69741346	69803293	69803335
161 NA18853	[2515685 chr5	5	70234358	70249184	14827	18	0.389059	0.007637	70233958	70234758	70248356	70250017
162 NA18853	[2515685 chr5	5	70263808	70426554	162747	239	0.389059	0.007637	70261863	70265753	70425419	70427681
163 NA18853	[2515685 chr5	5	81459213	81466055	6843	2	-1.37302	0.120141	81455614	81462405	81462863	81470281
164 NA18853	[2515685 chr5	5	93928460	93933101	4642	4	-0.549148	0.079807	93927706	93929215	93931984	93934211
165 NA18853	[2515685 chr5	5	98692416	98694362	1947	3	0.465127	0.08197	98691745	98693087	98694014	98694717
166 NA18853	[2515685 chr5	5	99409393	99419037	9645	13	-0.705356	0.042559	99408997	99409789	99418328	99419741
167 NA18853	[2515685 chr5	5	109794290	109802696	8407	7	-0.30218	0.058094	109793976	109794605	109802508	10980288
168 NA18853	[2515685 chr5	5	137835848	137844134	8287	7	0.550666	0.06055	137835611	137836085	137843310	13784495
169 NA18853	[2515685 chr5	5	140203081	140218928	15848	20	2.086836	0.051102	140202344	140203819	140218508	14021934
170 NA18853	[2515685 chr5	5	150183322	150204419	21098	12	-0.594435	0.044754	150181427	150185218	150204151	15020468
171 NA18853	[2515685 chr5	5	155509740	155524648	14909	19	-0.831531	0.037045	155509177	155510304	155524224	15552507
172 NA18853	[2515685 chr5	5	175392637	175393797	1161	6	-0.327129	0.064671	175392088	175393187	175393522	17539407
173 NA18853	[2515685 chr6	6	3163	21725	18563	5	0.564288	0.062964	20118	6325	21709	21741
174 NA18853	[2515685 chr6	6	201823	324395	122573	125	0.379177	0.012886	201415	202232	323926	324865
175 NA18853	[2515685 chr6	6	29804640	29877120	72481	2	0.535087	0.096214	29800552	29808139	29873621	29886501
176 NA18853	[2515685 chr6	6	29958572	30011802	53231	50	0.478246	0.02167	29957670	29959474	30011083	30012527
177 NA18853	[2515685 chr6	6	31439511	31442541	3031	5	-0.311347	0.057714	31439144	31439878	31442341	31442747
178 NA18853	[2515685 chr6	6	32561866	32586862	24997	6	-0.565526	0.092696	32560230	32563503	32586127	32587597
179 NA18853	[2515685 chr6	6	32591244	32592360	1117	2	-0.83634	0.12107	32591086	32591403	32591896	32592827
180 NA18853	[2515685 chr6	6	32605125	32617042	11918	9	-0.297775	0.046996	32604923	32605328	32613543	32626577
181 NA18853	[2515685 chr6	6	32631127	32632349	1223	2	-0.611132	0.117159	32630911	32631343	32632089	32632611
182 NA18853	[2515685 chr6	6	32653862	32655482	1621	3	0.860127	0.115473	32653679	32654046	32654980	32655987
183 NA18853	[2515685 chr6	6	32666229	32667673	1445	3	0.519995	0.08157	32665899	32666560	32667507	32667831
184 NA18853	[2515685 chr6	6	32697402	32705737	8336	12	-0.290228	0.040201	32697012	32697793	32704019	32707451
185 NA18853	[2515685 chr6	6	32712337	32744343	32007	37	0.437452	0.026243	32712193	32712482	32744136	32744551
186 NA18853	[2515685 chr6	6	35862833	35874426	11594	13	0.446843	0.040194	35862530	35863136	35873957	35874891
187 NA18853	[2515685 chr6	6	54036900	54042384	5485	5	3.379869	0.129234	54036573	54037227	54041771	54042991
188 NA18853	[2515685 chr6	6	62338502	62343650	5149	2	-0.817292	0.107617	62334618	62342001	62342340	62344496
189 NA18853	[2515685 chr6	6	77495034	77513510	18477	12	0.725223	0.046701	77493568	77496500	77510011	77517697
190 NA18853	[2515685 chr6	6	78934834	78953033	18200	13	-0.817368	0.042201	78934474	78935195	78949534	78962007
191 NA18853	[2515685 chr6	6	79023318	79093263	69946	69	0.765214	0.018685	79022028	79024609	79091909	79094611
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196 NA18853	[2515685 chr6	6	120671191	120671916	726	2	1.303734	0.116935	120670696	120671686	120671725	12067210
197 NA18853	[2515685 chr6	6	132067707	132076818	9112	7	-0.480302	0.045771	132048222	132071206	132076464	13207717
198 NA18853	[2515685 chr6	6	133558087	133562716	4630	7	-0.847957	0.060222	133557110	133559064	133562279	13356315
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202 NA18853	[2515685 chr6	6	170692529	170694780	2252	13	0.256822	0.037793	170692183	170692876	170694493	17069506
203 NA18853	[2515685 chr7	7	113212	116134	2923	12	-0.474989	0.046288	113146	113279	115995	116275
204 NA18853	[2515685 chr7	7	166530	175565	9036	15	0.337878	0.038312	166251	166809	175292	175838
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206 NA18853	[2515685 chr7	7	3384111	3392457	8347	8	0.827538	0.056685	3383451	3384772	3390107	3395611
207 NA18853	[2515685 chr7	7	8951115	8952746	1632	3	-0.521789	0.091754	8950898	8951332	8952537	8952951
208 NA18853	[2515685 chr7	7	12297894	12298675	782	5	0.426166	0.069828	12297829	12297960	12298540	12298817
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211 NA18853	[2515685 chr7	7	37647977	37657849	9873	2	-0.561001	0.076247	37646226	37649728	37655499	37719607

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215 NA18853	[2515685 chr7	7	64538610	64556662	18053	48	-0.271258	0.019706	64537873	64539348	64556244	64557081
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225 NA18853	[2515685 chr7	7	76293242	76299619	6378	15	0.322056	0.02453	76292309	76294176	76299263	76299971
226 NA18853	[2515685 chr7	7	76423357	76434911	11555	10	-0.274731	0.048165	76402143	76425707	76432910	76436911
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230 NA18853	[2515685 chr7	7	101944574	101955748	11175	8	-0.396339	0.049742	101942563	101946585	101953398	10197676
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233 NA18853	[2515685 chr7	7	109776378	109782655	6278	5	0.829732	0.074299	109775821	109776936	109782301	109783011
234 NA18853	[2515685 chr7	7	110614584	110616239	1656	2	-0.940858	0.119062	110614192	110614976	110615617	11061686
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236 NA18853	[2515685 chr7	7	125639507	125644775	5269	6	-0.834128	0.073471	125639054	125639961	125644046	12564550
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318 NA18853	[2515685 chr10	10	48210302	48214641	4340	4	-0.742225	0.072681	48208532	48212072	48214046	48215231
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325 NA18853	[2515685 chr10	10	56117212	56139275	22064	20	-0.947078	0.034978	56115764	56118661	56138931	5613961
326 NA18853	[2515685 chr10	10	58879708	58882015	2308	5	-0.975101	0.079022	58879568	58879849	58881863	5888216
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329 NA18853	[2515685 chr10	10	81532073	81532900	828	2	0.422461	0.079189	81531733	81532413	81532488	8153331
330 NA18853	[2515685 chr10	10	88866216	88963891	97676	108	-0.336446	0.012347	88865617	88866816	88963564	8896421
331 NA18853	[2515685 chr10	10	89054024	89054921	898	2	0.422461	0.079189	89053660	89054389	89054464	8905537
332 NA18853	[2515685 chr10	10	89182508	89183379	872	2	0.422461	0.079189	89182051	89182965	89183040	8918371
333 NA18853	[2515685 chr10	10	122760140	122777315	17176	11	-0.747802	0.047871	122759805	122760476	122776760	12277787
334 NA18853	[2515685 chr10	10	124336365	124341749	5385	6	0.497412	0.064756	124335581	124337149	124341238	12434226
335 NA18853	[2515685 chr10	10	124350353	124366738	16386	21	-0.397415	0.020888	124350031	124350675	124366300	12436717
336 NA18853	[2515685 chr10	10	127575549	127578663	3115	3	-0.44328	0.077218	127575106	127575992	127578267	12757905
337 NA18853	[2515685 chr10	10	127762846	127766094	3249	4	0.376339	0.07244	127762583	127763110	127765657	12776653
338 NA18853	[2515685 chr10	10	129048824	129051127	2304	2	-0.738103	0.142074	129048372	129049276	129050257	12905199
339 NA18853	[2515685 chr10	10	134168766	134170259	1494	17	-1.341113	0.043777	134168524	134169008	134170097	13417042
340 NA18853	[2515685 chr10	10	134813662	134816190	2529	3	-0.441871	0.07566	134813181	134814143	134815683	13481669
341 NA18853	[2515685 chr10	10	134924761	134926337	1577	16	-0.306777	0.040827	134924706	134924816	134926184	13492649
342 NA18853	[2515685 chr10	10	135138637	135270422	131786	118	0.516375	0.011623	135136044	135141231	135270010	13527083
343 NA18853	[2515685 chr11	11	2840933	2842410	1478	2	0.531113	0.098304	2840656	2841211	2841856	284296
344 NA18853	[2515685 chr11	11	2999680	3137581	137902	2	-0.857891	0.089367	2949255	3002762	3134499	317326
345 NA18853	[2515685 chr11	11	3628748	3632795	4048	6	-2.254968	0.086214	3625722	3631775	3632594	363299
346 NA18853	[2515685 chr11	11	5717038	5718491	1454	2	3.747862	0.211628	5716660	5717416	5718038	571894
347 NA18853	[2515685 chr11	11	5741269	5765993	24725	31	1.604858	0.037824	5741059	5741480	5765632	576635
348 NA18853	[2515685 chr11	11	5830457	5843034	12578	12	-0.738199	0.046036	5828206	5832709	5839952	584917
349 NA18853	[2515685 chr11	11	11831868	11833089	1222	2	0.955973	0.117125	11831412	11832324	11832853	11833321
350 NA18853	[2515685 chr11	11	18906905	18923021	16117	29	0.448869	0.027062	18906533	18907278	18919939	1892845
351 NA18853	[2515685 chr11	11	28965605	28969186	3582	5	3.192575	0.145263	28965284	28965927	28968702	2896967
352 NA18853	[2515685 chr11	11	48284073	48284771	699	2	0.876307	0.104111	48283862	48284285	48284572	4828497
353 NA18853	[2515685 chr11	11	48997072	49001951	4880	10	0.255136	0.046849	48996760	48997384	49001459	4900244
354 NA18853	[2515685 chr11	11	49072856	49075952	3097	6	0.305257	0.059454	49072572	49073140	49075650	4907625
355 NA18853	[2515685 chr11	11	49665830	49715830	50001	36	0.483859	0.024773	49665251	49666410	49712748	4972198
356 NA18853	[2515685 chr11	11	73815147	73817979	2833	2	-0.55469	0.108643	73812981	73817313	73817746	7381821
357 NA18853	[2515685 chr11	11	81179059	81203719	24661	18	-0.750028	0.037642	81178883	81179236	81203484	8120395
358 NA18853	[2515685 chr11	11	88266938	88303948	37011	40	0.262878	0.023472	88266424	88267453	88303762	8830413
359 NA18853	[2515685 chr11	11	89184898	89189792	4895	5	0.542304	0.076812	89184243	89185554	89189177	8919040
360 NA18853	[2515685 chr11	11	106744846	106751053	6208	9	-0.85599	0.057157	106744561	106745131	106747971	10675483
361 NA18853	[2515685 chr11	11	134107699	134112290	4592	5	0.682585	0.068814	134106591	134108808	134111845	13411273
362 NA18853	[2515685 chr12	12	736840	744802	7963	9	0.866924	0.050953	736616	737064	744211	74539
363 NA18853	[2515685 chr12	12	2112534	2127044	14511	15	0.645903	0.038665	2109107	2115961	2126809	212727
364 NA18853	[2515685 chr12	12	6113530	6117052	3523	3	0.649734	0.095897	6111640	6115421	6116289	611781
365 NA18853	[2515685 chr12	12	8262986	8269259	6274	17	0.340705	0.028671	8262374	8263598	8268864	826965
366 NA18853	[2515685 chr12	12	9439347	9445623	6277	10	0.473856	0.042876	9439120	9439574	9445247	944600
367 NA18853	[2515685 chr12	12	9524239	9624971	100733	108	1.013685	0.016007	9523968	9524510	9623223	962672
368 NA18853	[2515685 chr12	12	11080832	11083764	2933	5	-0.466164	0.063089	11080446	11081219	11083559	1108396
369 NA18853	[2515685 chr12	12	11109926	11112902	2977	5	-0.648551	0.067998	11109784	11110068	11112601	1111320
370 NA18853	[2515685 chr12	12	11172445	11177210	4766	3	-0.599779	0.094545	11172159	11172731	11176908	1117751
371 NA18853	[2515685 chr12	12	11398049	11459788	61740	65	-0.255057	0.018055	11397507	11398591	11459586	1145999
372 NA18853	[2515685 chr12	12	22463578	22477653	14076	7	0.836452	0.049461	22463304	22463852	22474599	2248070
373 NA18853	[2515685 chr12	12	31155331	31244780	89450	84	0.707315	0.016663	31155092	31155571	31244217	3124534
374 NA18853	[2515685 chr12	12	69156922	69167886	10965	11	0.695307	0.047167	69138649	69160412	69164396	6921501
375 NA18853	[2515685 chr12	12	70475445	70476812	1368	2	-0.80807	0.112412	70475180	70475711	70476524	7047710
376 NA18853	[2515685 chr12	12	78656134	78665261	9128	9	-0.492188	0.050116	78654687	78657582	78664736	7866578

377 NA18853	[2515685 chr12	12	87338123	87347005	8883	4	-0.404485	0.078978	87329173	87341613	87346311	87347701
378 NA18853	[2515685 chr12	12	128601598	128602937	1340	2	-0.747904	0.10313	128601341	128601856	128602454	12860342
379 NA18853	[2515685 chr12	12	130315291	130316795	1505	12	0.304375	0.037983	130315089	130315493	130316384	13031720
380 NA18853	[2515685 chr12	12	130722348	130723571	1224	2	-0.929196	0.112261	130722182	130722514	130723200	13072394
381 NA18853	[2515685 chr13	13	25947233	25950398	3166	3	3.200293	0.149834	25946194	25948272	25949415	2595138
382 NA18853	[2515685 chr13	13	31430484	31437209	6726	7	-0.789127	0.06143	31430130	31430838	31436488	3143793
383 NA18853	[2515685 chr13	13	33852305	33853351	1047	2	-0.555027	0.094074	33852033	33852578	33853063	3385363
384 NA18853	[2515685 chr13	13	56611711	56645734	34024	47	0.55833	0.013074	56610946	56612477	56645321	5664614
385 NA18853	[2515685 chr13	13	56653890	56686136	32247	30	-0.871852	0.029599	56650401	56657380	56685381	5668689
386 NA18853	[2515685 chr13	13	63190074	63192391	2318	4	-0.416435	0.081196	63189262	63190887	63192072	6319271
387 NA18853	[2515685 chr13	13	63238182	63240498	2317	4	-0.416439	0.081197	63237863	63238501	63239686	6324131
388 NA18853	[2515685 chr13	13	69633905	69673289	39385	42	0.80389	0.02407	69633412	69634399	69672985	6967359
389 NA18853	[2515685 chr13	13	75507216	75509228	2013	2	-0.897315	0.113727	75506694	75507738	75508559	7550989
390 NA18853	[2515685 chr13	13	109215660	109217089	1430	5	0.379145	0.059999	109215230	109216090	109216885	10921729
391 NA18853	[2515685 chr13	13	113079647	113086818	7172	3	0.526698	0.0835	113078890	113080404	113082138	11309434
392 NA18853	[2515685 chr14	14	18439491	19171746	732256	1240	-0.250957	0.003354	18437497	18441485	19169589	1917390
393 NA18853	[2515685 chr14	14	19177839	19494842	317004	348	-0.250957	0.003354	19177094	19178584	19494444	1949524
394 NA18853	[2515685 chr14	14	19589170	19611187	22018	18	0.480587	0.035431	19588055	19590285	19610807	1961156
395 NA18853	[2515685 chr14	14	19619356	19625484	6129	3	3.785255	0.17597	19612261	19624114	19625018	1962595
396 NA18853	[2515685 chr14	14	32022775	32026140	3366	2	-1.184656	0.126207	32022274	32023276	32023749	3202853
397 NA18853	[2515685 chr14	14	42059344	42063443	4100	2	0.667081	0.112585	42056485	42062203	42062601	4206428
398 NA18853	[2515685 chr14	14	73063171	73119729	56559	51	0.678936	0.020523	73061866	73064476	7312118	7312118
399 NA18853	[2515685 chr15	15	18410351	18430244	19894	15	0.283611	0.038849	18410066	18410637	18429804	1843068
400 NA18853	[2515685 chr15	15	18458940	18496126	37187	46	-0.261499	0.017137	18458212	18459669	18493824	1850850
401 NA18853	[2515685 chr15	15	18994433	18994999	567	3	0.359103	0.061618	18994321	18994545	18994829	1899516
402 NA18853	[2515685 chr15	15	19470416	19507503	37088	48	-0.26691	0.016924	19469782	19471051	19505201	1951992
403 NA18853	[2515685 chr15	15	19874194	19883927	9734	13	-1.301737	0.048866	19873671	19874718	19883694	1988416
404 NA18853	[2515685 chr15	15	20228094	20234328	6235	12	-0.366583	0.038262	20226486	20229703	20233781	2023487
405 NA18853	[2515685 chr15	15	20234328	20250088	15761	19	0.263293	0.030826	20233781	20234875	20249914	2025026
406 NA18853	[2515685 chr15	15	20299217	20300040	824	4	0.33176	0.056287	20299130	20299304	20299928	2030015
407 NA18853	[2515685 chr15	15	20371610	20383831	12222	17	-0.425087	0.031908	20367922	20373912	20383079	2038458
408 NA18853	[2515685 chr15	15	20952615	20953477	863	5	0.315364	0.049215	20952542	20952688	20953390	2095356
409 NA18853	[2515685 chr15	15	21118398	21119260	863	5	0.315364	0.049215	21118325	21118325	21118471	2111934
410 NA18853	[2515685 chr15	15	21606753	21614600	7848	7	0.827295	0.063115	21606459	21607047	21612298	2163669
411 NA18853	[2515685 chr15	15	24986053	24992250	6198	7	0.811569	0.061404	24985426	24986680	24991680	2499282
412 NA18853	[2515685 chr15	15	26263874	26264736	863	5	0.315364	0.049215	26263801	26263947	26264649	2626482
413 NA18853	[2515685 chr15	15	26321176	26331811	10636	18	0.289856	0.032653	26320060	26322293	26331265	2633235
414 NA18853	[2515685 chr15	15	26331811	26343818	12008	25	-0.393487	0.026276	26331265	26332358	26342288	2634534
415 NA18853	[2515685 chr15	15	26343818	26536521	192704	205	0.27458	0.008838	26342288	26345348	26534914	2653812
416 NA18853	[2515685 chr15	15	26536521	26542764	6244	12	-0.386079	0.036702	26534914	26538129	26542214	2654331
417 NA18853	[2515685 chr15	15	26542764	26553418	10655	15	0.292037	0.035214	26542214	26543314	26552290	2655454
418 NA18853	[2515685 chr15	15	26609588	26610682	1095	5	0.315364	0.049215	26609269	26609907	26610609	2661075
419 NA18853	[2515685 chr15	15	28601858	28602363	506	2	0.371528	0.072302	28601690	28602027	28602171	2860255
420 NA18853	[2515685 chr15	15	32461971	32654853	192883	195	0.280591	0.009302	32461525	32462418	32654165	3265554
421 NA18853	[2515685 chr15	15	42905343	42905934	592	2	-0.701539	0.106562	42905218	42905469	42905888	4290598
422 NA18853	[2515685 chr15	15	66450268	66451800	1533	2	-0.620151	0.115169	66449997	66450539	66451265	6645233
423 NA18853	[2515685 chr15	15	74671388	74682820	11433	9	0.858548	0.053764	74671122	74671654	74680518	7468951
424 NA18853	[2515685 chr15	15	75117585	75119946	2362	4	0.724407	0.073353	75117343	75117827	75119741	7512015
425 NA18853	[2515685 chr15	15	82333041	82335194	2154	2	-0.721569	0.107899	82332284	82333799	82334729	8233566
426 NA18853	[2515685 chr15	15	95613871	95617173	3303	2	0.560467	0.100065	95609763	95616173	95616758	9561758
427 NA18853	[2515685 chr15	15	98234084	98240716	6633	8	0.838952	0.057561	98233842	98234327	98239350	9824208
428 NA18853	[2515685 chr15	15	100109640	100122682	13043	98	0.774054	0.01153	100108905	100110376	100122315	10012305
429 NA18853	[2515685 chr15	15	100266888	100309150	42263	16	0.509794	0.036572	100264210	100269190	100307499	10031080
430 NA18853	[2515685 chr16	16	417757	421523	3767	4	-0.810219	0.079675	417246	418269	420489	422557
431 NA18853	[2515685 chr16	16	948831	952527	3697	39	0.288792	0.017509	947314	950349	952191	952864

432 NA18853	[2515685 chr16	16	16470058	16471374	1317	2	-0.582061	0.113506	16469461	16470656	16471174	1647157!
433 NA18853	[2515685 chr16	16	16633469	16639120	5652	4	0.874842	0.076458	16632502	16634437	16638386	1663985-
434 NA18853	[2515685 chr16	16	21753303	21756137	2835	20	0.252144	0.023167	21753014	21753593	21755984	2175629!
435 NA18853	[2515685 chr16	16	22452875	22455430	2556	18	0.250217	0.024456	22452722	22453028	22455152	2245570!
436 NA18853	[2515685 chr16	16	32085972	32089374	3403	8	0.308219	0.049525	32085808	32086136	32089207	3208954!
437 NA18853	[2515685 chr16	16	32097663	32149293	51631	145	0.280883	0.010539	32097514	32097813	32148896	3214969!
438 NA18853	[2515685 chr16	16	32159898	32160377	480	2	-1.574581	0.093092	32159453	32160343	32160346	3216040!
439 NA18853	[2515685 chr16	16	32210096	32219640	9545	19	0.262837	0.026353	32209551	32210641	32219531	3221974!
440 NA18853	[2515685 chr16	16	32606692	32607163	472	2	-1.574595	0.093093	32606661	32606724	32606727	3260759!
441 NA18853	[2515685 chr16	16	32614929	32669290	54362	160	0.27059	0.010044	32614897	32614961	32669257	3266932-
442 NA18853	[2515685 chr16	16	33038759	33092915	54157	158	0.271468	0.010106	33038726	33038792	33092688	3309314!
443 NA18853	[2515685 chr16	16	33100875	33101346	472	2	-1.574581	0.093092	33100438	33101312	33101315	3310137!
444 NA18853	[2515685 chr16	16	33157406	33157879	474	2	-1.574581	0.093092	33156967	33157845	33157848	3315791!
445 NA18853	[2515685 chr16	16	33207215	33217055	9841	18	0.273522	0.027302	33206951	33207480	33216946	3321716!
446 NA18853	[2515685 chr16	16	33858109	33875987	17879	13	0.309393	0.041328	33852692	33859990	33874106	3403120!
447 NA18853	[2515685 chr16	16	34321825	34606125	284301	322	-0.429918	0.008222	34317185	34323706	34605058	3460719!
448 NA18853	[2515685 chr16	16	57204541	57207585	3045	3	4.576351	0.192311	57204170	57204913	57206938	5720823!
449 NA18853	[2515685 chr16	16	76930776	76942282	11507	9	0.68341	0.048641	76930290	76931263	76941602	7694296!
450 NA18853	[2515685 chr16	16	83994929	84004171	9243	81	-0.377247	0.01393	83994558	83995300	84003767	8400457!
451 NA18853	[2515685 chr16	16	84562720	84565235	2516	11	0.544802	0.045125	84561685	84563756	84565142	8456532!
452 NA18853	[2515685 chr16	16	88710612	88712266	1655	8	-0.493448	0.057092	88710473	88710751	88712200	8871233!
453 NA18853	[2515685 chr17	17	865381	867925	2545	2	-0.633929	0.105052	863873	866890	867413	86843!
454 NA18853	[2515685 chr17	17	911980	915554	3575	4	-0.401409	0.074405	911452	912508	915413	91569!
455 NA18853	[2515685 chr17	17	16657833	16665630	7798	12	-0.420611	0.044387	16657486	16658180	16665353	1666590!
456 NA18853	[2515685 chr17	17	18296513	18327100	30588	43	0.449017	0.022351	18296246	18296781	18326880	1832732!
457 NA18853	[2515685 chr17	17	18331739	18332345	607	2	-0.810103	0.102091	18331509	18331970	18331978	1833271!
458 NA18853	[2515685 chr17	17	20299935	20300531	597	2	-0.8101	0.102091	20299568	20300303	20300311	2030075!
459 NA18853	[2515685 chr17	17	20304465	20335856	31392	44	0.393841	0.021547	20304107	20304823	20335559	2033615!
460 NA18853	[2515685 chr17	17	20368693	20371943	3251	7	0.329344	0.053379	20367677	20369709	20371308	2037257!
461 NA18853	[2515685 chr17	17	20571353	20578410	7058	6	0.531902	0.061153	20571124	20571582	205717452	2057936!
462 NA18853	[2515685 chr17	17	20644041	20648732	4692	4	0.614699	0.073761	20643647	20644435	20647744	2064972!
463 NA18853	[2515685 chr17	17	21942843	21954469	11627	19	-0.413723	0.033199	21942618	21943068	21954310	2195462!
464 NA18853	[2515685 chr17	17	31430406	31835531	405126	542	0.74041	0.004749	31429658	31431155	31835215	3183584!
465 NA18853	[2515685 chr17	17	31865078	31886556	21479	65	0.74041	0.004749	31864350	31865807	31886086	3188702!
466 NA18853	[2515685 chr17	17	32829500	32833231	3732	5	0.773668	0.074412	32828825	32830175	32832670	3283379!
467 NA18853	[2515685 chr17	17	33288815	33289544	730	3	0.410985	0.069062	33288407	33289224	33289524	3328956!
468 NA18853	[2515685 chr17	17	33348941	33351216	2276	6	-0.267409	0.045799	33348664	33349218	33351036	3335139!
469 NA18853	[2515685 chr17	17	33353966	33425145	71180	170	0.581247	0.005998	33353659	33354273	33424532	3342575!
470 NA18853	[2515685 chr17	17	33430791	33556628	125838	78	0.581247	0.005998	33428591	33529290	33556321	3355693!
471 NA18853	[2515685 chr17	17	33585313	33654387	69075	119	0.581247	0.005998	33584586	33586040	33653601	3365517!
472 NA18853	[2515685 chr17	17	36636559	36685343	48785	45	-0.443969	0.021397	36635767	36637352	36684647	3668604!
473 NA18853	[2515685 chr17	17	36993884	36995674	1791	2	-0.674084	0.093159	36993311	36994458	36995333	3699601!
474 NA18853	[2515685 chr17	17	41006614	41017119	10506	13	-0.288711	0.041218	41006215	41007013	41016872	4101736!
475 NA18853	[2515685 chr17	17	41789182	41907909	118728	115	0.309013	0.010575	41788428	41789936	41907480	4190833!
476 NA18853	[2515685 chr17	17	41964733	41980180	15448	15	0.275743	0.030022	41964517	41964949	41979673	4198068!
477 NA18853	[2515685 chr17	17	42006681	42125479	118799	111	0.311192	0.01073	42005927	42007435	42125050	4212590!
478 NA18853	[2515685 chr17	17	42975972	43026670	50699	73	0.77653	0.018079	42975162	42976783	43025568	4302777!
479 NA18853	[2515685 chr17	17	55368842	55373984	5143	7	0.55969	0.058438	55368278	55369406	55373396	5537457!
480 NA18853	[2515685 chr17	17	55434888	55452232	17345	33	0.528239	0.021409	55434445	55435332	55451888	5545257!
481 NA18853	[2515685 chr17	17	55457995	55459798	1804	2	1.105716	0.115501	55457669	55458322	55459168	5546042!
482 NA18853	[2515685 chr17	17	55550803	55552834	2032	2	1.105716	0.115501	55549945	55551662	55552508	5555316!
483 NA18853	[2515685 chr17	17	57652724	57667804	15081	18	0.527811	0.013842	57652052	57653396	57667259	5766834!
484 NA18853	[2515685 chr17	17	57681793	57708812	27020	57	0.527811	0.013842	57680114	57683473	57708467	5770915!
485 NA18853	[2515685 chr18	18	24076370	24179413	103044	2	-0.715819	0.108642	24003903	24080953	24174830	2428681-
486 NA18853	[2515685 chr18	18	28142218	28143399	1182	2	0.656707	0.11691	28141854	28142583	28143055	2814374-

487 NA18853	[2515685 chr18	18	36514289	36521090	6802	6	-0.851154	0.062085	36513759	36514820	36520512	36521666
488 NA18853	[2515685 chr18	18	63110558	63117706	7149	8	-0.738364	0.055739	63110373	63110744	63116010	63119400
489 NA18853	[2515685 chr18	18	74230393	74234275	3883	31	-0.263207	0.016331	74229835	74230952	74234139	74234410
490 NA18853	[2515685 chr18	18	74294822	74299391	4570	8	-0.279987	0.049287	74294454	74295191	74299167	74299610
491 NA18853	[2515685 chr18	18	74373005	74376367	3363	7	-0.557902	0.034995	74372064	74373947	74375833	74376900
492 NA18853	[2515685 chr18	18	74392800	74397377	4578	3	1.025432	0.099106	74390826	74394774	74396965	74397790
493 NA18853	[2515685 chr19	19	14054	122499	108446	128	0.268217	0.012467	13672	14437	119972	128093
494 NA18853	[2515685 chr19	19	310414	314479	4066	15	-0.559837	0.037206	309687	311142	312994	315964
495 NA18853	[2515685 chr19	19	331568	333129	1562	2	1.373909	0.110512	331314	331822	332310	333948
496 NA18853	[2515685 chr19	19	8708780	8760468	51689	89	-0.845214	0.010487	8708296	8709264	8760209	8760720
497 NA18853	[2515685 chr19	19	8760950	8763535	2586	4	-0.430118	0.066717	8760727	8761174	8763160	8763910
498 NA18853	[2515685 chr19	19	22138418	22139106	689	3	0.611603	0.09508	22138302	22138535	22138998	22139210
499 NA18853	[2515685 chr19	19	22200360	22240041	39682	20	0.282506	0.034001	22199151	22201569	22239807	22240270
500 NA18853	[2515685 chr19	19	22931050	22934541	3492	2	1.107558	0.114007	22918199	22933577	22934109	22934970
501 NA18853	[2515685 chr19	19	23007904	23013841	5938	6	0.771103	0.067143	22990964	23010431	23013525	23014150
502 NA18853	[2515685 chr19	19	23108259	23109446	1188	2	0.80095	0.110287	23107903	23108615	23108879	23110010
503 NA18853	[2515685 chr19	19	23166066	23171357	5292	6	0.815145	0.063539	23165304	23166829	23170729	23171980
504 NA18853	[2515685 chr19	19	23257205	23258538	1334	2	-0.947311	0.121393	23256882	23257529	23258213	23258860
505 NA18853	[2515685 chr19	19	24169035	24169127	93	3	-0.842744	0.094101	24169019	24169051	24169114	24169140
506 NA18853	[2515685 chr19	19	39419837	39421349	1513	3	0.538477	0.093858	39419616	39420059	39421018	39421680
507 NA18853	[2515685 chr19	19	39832838	39842048	9211	3	-0.886769	0.097021	39832668	39833009	39839521	39846410
508 NA18853	[2515685 chr19	19	53097313	53154327	57015	106	-0.456414	0.005087	53096909	53097718	53152350	53156300
509 NA18853	[2515685 chr19	19	55285877	55336157	50281	104	-0.456414	0.005087	55285730	55286025	55335244	55337070
510 NA18853	[2515685 chr19	19	58209430	58245460	36031	28	-0.682782	0.027555	58208997	58209863	58245024	58245890
511 NA18853	[2515685 chr19	19	59247755	59252061	4307	5	0.797291	0.070205	59246427	59249084	59251854	59252260
512 NA18853	[2515685 chr19	19	59417162	59439536	22375	30	0.276821	0.024445	59416759	59417566	59439526	59439540
513 NA18853	[2515685 chr19	19	60958920	60976029	17110	15	-0.720816	0.039381	60957933	60959907	60975748	60976310
514 NA18853	[2515685 chr20	20	22273459	22278178	4720	6	-0.868767	0.071551	22272471	22274448	22277490	22277886
515 NA18853	[2515685 chr20	20	25769130	25774048	4919	7	-0.423347	0.055904	25768333	25769927	25773787	25774310
516 NA18853	[2515685 chr20	20	25941300	25944046	2747	4	-0.453741	0.071078	25940088	25942512	25943249	25944840
517 NA18853	[2515685 chr20	20	26147697	26161501	13805	23	-0.579579	0.031184	26147451	26147944	26161227	26161770
518 NA18853	[2515685 chr20	20	35736931	35738843	1913	2	0.816604	0.117826	35736234	35737629	35738606	35739080
519 NA18853	[2515685 chr20	20	59951513	59957050	5538	18	0.268857	0.032083	59950681	59952345	59956538	59957560
520 NA18853	[2515685 chr20	20	61708834	61711805	2972	22	-0.435384	0.031626	61708573	61709096	61711616	61711990
521 NA18853	[2515685 chr20	20	61752758	61754878	2121	2	-0.496973	0.085551	61752142	61753375	61754167	61755580
522 NA18853	[2515685 chr20	20	62066380	62068214	1835	8	1.111743	0.054918	62066146	62066615	62067671	62068750
523 NA18853	[2515685 chr20	20	62233505	62235897	2393	4	0.457955	0.055805	62232847	62234163	62235101	62236690
524 NA18853	[2515685 chr21	21	20637720	20638267	548	2	-0.532744	0.098671	20637505	20637936	20638041	20638490
525 NA18853	[2515685 chr21	21	22108709	22109827	1119	2	-0.845381	0.108535	22108337	22109081	22109454	22110200
526 NA18853	[2515685 chr22	22	14483497	14514238	30742	52	-0.377364	0.019331	14483290	14483705	14513919	14514550
527 NA18853	[2515685 chr22	22	14641933	14645230	3298	6	-0.489194	0.051176	14641837	14642029	14645096	14645360
528 NA18853	[2515685 chr22	22	16951608	16952698	1091	2	-0.539743	0.099374	16951323	16951894	16952432	16952960
529 NA18853	[2515685 chr22	22	17385504	17393232	7729	14	-0.298741	0.039147	17385031	17385977	17392823	17393640
530 NA18853	[2515685 chr22	22	18689533	18734175	44643	52	-0.252617	0.01814	18686307	18692211	18733858	18734490
531 NA18853	[2515685 chr22	22	18744519	18852820	108302	132	-0.410244	0.012569	18742262	18746777	18852767	18852870
532 NA18853	[2515685 chr22	22	18998692	19018641	19950	12	-0.373888	0.034944	18998404	18998981	19018321	19018960
533 NA18853	[2515685 chr22	22	19392079	19419484	27406	8	-0.53581	0.052487	19391751	19392407	19416806	19449920
534 NA18853	[2515685 chr22	22	19829874	19880162	50289	72	-0.2602	0.015348	19829808	19829940	19879848	19880470
535 NA18853	[2515685 chr22	22	20001890	20121795	119906	165	-0.347613	0.007838	20001715	20002065	20121548	20122040
536 NA18853	[2515685 chr22	22	20137248	20243639	106392	148	-0.347613	0.007838	20136561	20137935	20240961	20302228
537 NA18853	[2515685 chr22	22	22672624	22691501	18878	17	0.666951	0.02396	22672391	22672858	22691088	22691910
538 NA18853	[2515685 chr22	22	22695407	22720154	24748	27	0.666951	0.02396	22695112	22695703	22719882	22720420
539 NA18853	[2515685 chr22	22	23763753	23765515	1763	3	-0.470255	0.084198	23763486	23764021	23765293	23765730
540 NA18853	[2515685 chr22	22	33619409	33623490	4082	5	0.720899	0.066259	33618939	33619879	33622642	33624330
541 NA18853	[2515685 chr22	22	41235714	41274269	38556	27	0.311672	0.028081	41235467	41235962	41274060	41274470



542 NA18853	[2515685 chr22	22	43975689	43977458	1770	2	-0.509984	0.100776	43974792	43976586	43977080	43977837
543 NA18853	[2515685 chrX	23	1954542	1958817	4276	5	-0.655431	0.064456	1954338	1954747	1958235	1959400
544 NA18853	[2515685 chrX	23	2286200	2288297	2098	2	0.673727	0.089202	2285671	2286730	2287550	2289045
545 NA18853	[2515685 chrX	23	9182407	9192056	9650	13	0.379309	0.039082	9181838	9182977	9191527	9192586
546 NA18853	[2515685 chrX	23	48909988	49070905	160918	121	-0.384582	0.009106	48906199	48913778	49070239	49071577
547 NA18853	[2515685 chrX	23	70741274	70745998	4725	38	2.783797	0.040917	70739871	70742677	70744597	70747400
548 NA18853	[2515685 chrX	23	105478359	105479862	1504	2	-0.770332	0.095865	105477870	105478848	105479594	10548013
549 NA18853	[2515685 chrX	23	114782515	114796920	14406	36	-0.372835	0.013006	114781834	114783196	114796162	11479767
550 NA18853	[2515685 chrX	23	114804126	114821024	16899	36	-0.372835	0.013006	114803617	114804636	114817056	11483607
551 NA18853	[2515685 chrX	23	119787748	119849727	61980	85	-0.336849	0.010559	119787006	119788491	119845759	11985498
552 NA18853	[2515685 chrX	23	134569408	134625407	56000	104	0.495708	0.007509	134569294	134569522	134624877	13462593
553 NA18853	[2515685 chrX	23	134645810	134698023	52214	106	0.495708	0.007509	134645280	134646341	134696803	13469924
554 NA18853	[2515685 chrX	23	134746548	134755274	8727	11	0.447743	0.036506	134738264	134750516	134755112	13475543
555 NA18853	[2515685 chrX	23	139806116	139842391	36276	47	0.392393	0.015641	139802399	139809834	139842274	13984250
556 NA18853	[2515685 chrX	23	140043042	140066704	23663	27	0.341736	0.021975	140042826	140043259	140062736	14007331
557 NA18853	[2515685 chrX	23	140378279	140413881	35603	49	0.397767	0.015697	140378162	140378397	140411067	14041669
558 NA18853	[2515685 chrX	23	140500460	140513745	13286	26	0.398648	0.022472	140492162	140504428	140512707	14051478
559 NA18853	[2515685 chrY	24	1954542	1958817	4276	5	-0.655431	0.064456	1954338	1954747	1958235	1959400
560 NA18853	[2515685 chrY	24	2286200	2288297	2098	2	0.673727	0.089202	2285671	2286730	2287550	2289045
561 NA18853	[2515685 chrY	24	3761292	4160664	399373	2	0.609564	0.096176	3640785	3764230	4157726	4581358
562 NA18853	[2515685 chrY	24	10326793	10340296	13504	7	0.289544	0.049117	10325529	10328058	10339804	10340788
563 NA18853	[2515685 chrY	24	23624926	23627459	2534	7	-0.394531	0.049259	23624485	23625368	23627340	23627577
564 NA18853	[2515685 chrY	24	23628713	23649003	20291	38	-0.588871	0.018266	23628548	23628879	23648757	23649245
565 NA18853	[2515685 chrY	24	23716390	23748616	32227	65	-0.592329	0.013679	23716144	23716636	23748451	23748787
566 NA18853	[2515685 chrY	24	23749871	23764324	14454	46	-0.313439	0.018052	23749752	23749991	23763883	23764761
567 NA18853	[2515685 chrY	24	25260052	25284425	24374	47	-0.634247	0.017209	25259887	25260218	25284278	25284577
568 NA18853	[2515685 chrY	24	25341625	25366673	25049	45	-0.613093	0.017136	25341379	25341871	25366508	25366837
569 NA18853	[2515685 chrY	24	25367928	25379999	12072	35	-0.336061	0.021259	25367809	25368048	25379558	25380447
1 NA19173	[2515685 chr1	1	29401	76985	47585	55	0.416589	0.01927	27752	31050	76641	77329
2 NA19173	[2515685 chr1	1	435732	436343	612	2	0.604034	0.107559	435179	436286	436286	436401
3 NA19173	[2515685 chr1	1	445269	449412	4144	3	0.657899	0.103273	444422	446116	446143	455992
4 NA19173	[2515685 chr1	1	601046	612159	11114	7	-0.688356	0.054616	587801	604315	610122	614196
5 NA19173	[2515685 chr1	1	620783	624922	4140	3	0.6579	0.103273	614196	624052	624079	625766
6 NA19173	[2515685 chr1	1	633837	634448	612	2	0.604034	0.107559	633780	633895	633895	635002
7 NA19173	[2515685 chr1	1	1595518	1653053	57536	5	0.335565	0.063874	1595139	1595897	1652846	1653260
8 NA19173	[2515685 chr1	1	1679092	1692185	13094	14	0.258591	0.037931	1678332	1679852	1691822	1692548
9 NA19173	[2515685 chr1	1	1853012	1854645	1634	2	0.803259	0.099153	1852616	1853409	1853816	1855474
10 NA19173	[2515685 chr1	1	6429824	6452869	23046	4	-0.438646	0.069609	6412294	6433093	6449600	6526270
11 NA19173	[2515685 chr1	1	10416438	10418311	1874	2	-0.693846	0.093637	10415863	10417014	10417712	10418917
12 NA19173	[2515685 chr1	1	12677860	12681083	3224	3	-0.507493	0.090699	12677413	12678308	12679940	12682221
13 NA19173	[2515685 chr1	1	12833670	12863838	30169	42	0.321197	0.021792	12833445	12833896	12860569	12868617
14 NA19173	[2515685 chr1	1	12883780	12886858	3079	5	0.490395	0.059031	12883337	12884224	12886536	12887181
15 NA19173	[2515685 chr1	1	12887630	12888178	549	2	0.518638	0.100478	12887352	12887909	12887924	12888437
16 NA19173	[2515685 chr1	1	13084062	13091899	7838	5	-0.364639	0.059436	13084055	13084070	13091561	13092237
17 NA19173	[2515685 chr1	1	13158620	13159168	549	2	0.518638	0.100478	13158367	13158874	13158889	13159447
18 NA19173	[2515685 chr1	1	13159940	13162706	2767	4	0.544096	0.060278	13159618	13160263	13162366	13163304
19 NA19173	[2515685 chr1	1	13379417	13379965	549	2	0.518638	0.100478	13379164	13379671	13379686	13380247
20 NA19173	[2515685 chr1	1	13380737	13383503	2767	4	0.544096	0.060278	13380415	13381060	13383163	13383847
21 NA19173	[2515685 chr1	1	13518505	13522174	3670	4	-0.782974	0.083074	13517560	13519451	13521947	13522407
22 NA19173	[2515685 chr1	1	16546501	17026185	479685	583	-0.285035	0.005848	16545973	16547030	17025840	17026531
23 NA19173	[2515685 chr1	1	21526831	21539160	12330	11	-0.317955	0.04211	21526375	21527287	21538950	21539371
24 NA19173	[2515685 chr1	1	55013192	55017138	3947	4	-0.813114	0.076689	55012686	55013699	55015642	55018637
25 NA19173	[2515685 chr1	1	55556725	55686418	129694	2	-0.548289	0.092614	55440776	55559994	55683149	55796857
26 NA19173	[2515685 chr1	1	72478372	72524180	45809	36	-2.341225	0.040662	72478140	72478604	72523661	72524701
27 NA19173	[2515685 chr1	1	89188117	89190762	2646	5	1.485631	0.082856	89187764	89188470	89190458	89191067

28 NA19173	[2515685 chr1	1	100153521	100155903	2383	3	0.405261	0.07477	100153153	100153890	100155558	10015624
29 NA19173	[2515685 chr1	1	103815525	104015739	200215	312	0.287196	0.007667	103815249	103815802	104013178	10401830
30 NA19173	[2515685 chr1	1	105728161	105735462	7302	8	-0.89761	0.061783	105727820	105728503	105734532	10573639
31 NA19173	[2515685 chr1	1	108444641	108449550	4910	9	0.683867	0.051427	108443817	108445466	108449224	10844987
32 NA19173	[2515685 chr1	1	108514938	108565175	50238	58	0.354008	0.019528	108514864	108515012	108565023	10856532
33 NA19173	[2515685 chr1	1	108638318	108688767	50450	59	0.36212	0.019284	108638254	108638383	108688693	10868884
34 NA19173	[2515685 chr1	1	109936541	109953240	16700	22	0.535707	0.030357	109935803	109937279	109952761	10995372
35 NA19173	[2515685 chr1	1	109954457	109966604	12148	8	0.284374	0.054702	109954248	109954666	109966387	10996682
36 NA19173	[2515685 chr1	1	112405902	112416691	10790	10	0.438636	0.050087	112405415	112406389	112416423	11241696
37 NA19173	[2515685 chr1	1	120525058	120526321	1264	20	0.28348	0.033935	120524971	120525146	120526304	12052633
38 NA19173	[2515685 chr1	1	141384807	141390308	5502	7	0.377793	0.052906	120962965	141388076	141390261	14139035
39 NA19173	[2515685 chr1	1	141863013	141863638	626	2	-0.929865	0.097394	141862734	141863293	141863308	14186396
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41 NA19173	[2515685 chr1	1	142375186	142378533	3348	5	-0.49403	0.062295	142374812	142375561	142377854	14237921
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43 NA19173	[2515685 chr1	1	143411840	143413463	1624	3	-0.679373	0.084686	143411682	143411998	143413296	14341363
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46 NA19173	[2515685 chr1	1	144708819	144710441	1623	3	-0.679373	0.084686	144708661	144708977	144710274	14471060
47 NA19173	[2515685 chr1	1	145819213	145840436	21224	25	0.330639	0.029876	145819164	145819262	145840201	14584067
48 NA19173	[2515685 chr1	1	145929568	145951531	21964	26	0.415031	0.027992	145929405	145929732	145951467	14595159
49 NA19173	[2515685 chr1	1	146020427	146021522	1096	2	0.773853	0.130097	146020251	146020603	146021213	14602183
50 NA19173	[2515685 chr1	1	146444076	146444725	650	2	-0.929865	0.097394	146443720	146444432	146444447	14644500
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52 NA19173	[2515685 chr1	1	149368571	149401669	33099	23	0.770503	0.03286	149368105	149369038	149399791	14940354
53 NA19173	[2515685 chr1	1	149573821	149583431	9611	5	0.865133	0.077857	149573460	149574182	149582912	14958395
54 NA19173	[2515685 chr1	1	151994188	151997250	3063	5	0.424016	0.064001	151993204	151995172	151997018	15199748
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62 NA19173	[2515685 chr1	1	233202665	233204956	2292	42	-0.58889	0.021181	233202312	233203018	233204364	23320554
63 NA19173	[2515685 chr1	1	236719047	236720968	1922	3	-2.844856	0.135681	236718751	236719344	236720749	23672118
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66 NA19173	[2515685 chr1	1	244471335	244472128	794	2	-0.551145	0.100623	244471128	244471543	244471950	24447230
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68 NA19173	[2515685 chr2	2	296456	298925	2470	8	-0.513104	0.053063	296213	296699	298661	299185
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175 NA19173	[2515685 chr5	5	70338692	70426554	87863	148	0.311011	0.01168	70338530	70338855	70425419	7042768
176 NA19173	[2515685 chr5	5	79992681	79997936	5256	6	0.35023	0.066511	79992202	79993161	79997445	7999842
177 NA19173	[2515685 chr5	5	81459212	81466056	6845	2	-1.263532	0.116633	81455614	81462405	81462863	8147028
178 NA19173	[2515685 chr5	5	93928460	93933101	4642	4	-0.46682	0.084176	93927706	93929215	93931984	9393421
179 NA19173	[2515685 chr5	5	97427204	97428665	1462	3	0.708291	0.098442	97426913	97427496	97428529	9742880
180 NA19173	[2515685 chr5	5	99194149	99199849	5701	4	-0.491848	0.077842	99192494	99195804	99198799	9920090
181 NA19173	[2515685 chr5	5	99409393	99419037	9645	13	-0.631289	0.041366	99408997	99409789	99418328	9941974
182 NA19173	[2515685 chr5	5	109880391	109881914	1524	2	0.793256	0.11977	109879999	109880783	109881640	10988218
183 NA19173	[2515685 chr5	5	137838768	137844134	5367	4	0.800453	0.083374	137838364	137839173	137843310	13784495
184 NA19173	[2515685 chr5	5	140203081	140217091	14011	18	1.90506	0.055069	140202344	140203819	140216552	14021763
185 NA19173	[2515685 chr5	5	140217091	140218928	1838	2	0.721236	0.105265	140216552	140217631	140218508	14021934
186 NA19173	[2515685 chr5	5	150157909	150161837	3929	6	-0.813617	0.066093	150157286	150158532	15016521	15016205
187 NA19173	[2515685 chr5	5	150183322	150203801	20480	11	-1.889078	0.061513	150181427	150185218	150203451	15020415
188 NA19173	[2515685 chr5	5	165771312	165864059	92748	4	-0.717384	0.077676	165771092	165771533	165860866	16594174
189 NA19173	[2515685 chr5	5	175455737	175457428	1692	4	-0.33718	0.065088	175455527	175455947	175457208	17545764
190 NA19173	[2515685 chr5	5	180306298	180309823	3526	7	-0.273006	0.051874	180305337	180307260	180309690	18030995
191 NA19173	[2515685 chr5	5	180309823	180363417	53595	51	-1.043136	0.025198	180309690	180309956	180363120	18036371
192 NA19173	[2515685 chr5	5	180755027	180755638	612	2	0.604034	0.107559	180754474	180755581	180755581	18075569

193 NA19173	[2515685 chr5	5	180764561	180768629	4069	3	0.657899	0.103273	180763713	180765409	180765436	18077529
194 NA19173	[2515685 chr6	6	32561866	32586862	24997	6	-0.492857	0.094147	32560230	32563503	32586127	3258759
195 NA19173	[2515685 chr6	6	32605125	32605958	834	2	-0.65401	0.110935	32604923	32605328	32605760	32606151
196 NA19173	[2515685 chr6	6	32610864	32617043	6180	2	-0.493587	0.095516	32609832	32611897	32613543	3262657
197 NA19173	[2515685 chr6	6	32653862	32655482	1621	3	0.739619	0.125102	32653679	32654046	32654980	3265598
198 NA19173	[2515685 chr6	6	32666229	32667673	1445	3	0.512081	0.08604	32665899	32666560	32667507	3266783
199 NA19173	[2515685 chr6	6	32702716	32705737	3022	3	-0.50745	0.075348	32702285	32703148	32704019	3270745
200 NA19173	[2515685 chr6	6	32735984	32736908	925	2	0.563993	0.112443	32735718	32736251	32736724	3273709
201 NA19173	[2515685 chr6	6	32741849	32744343	2495	4	0.669624	0.080299	32741631	32742067	32744136	3274455
202 NA19173	[2515685 chr6	6	35604364	35674095	69732	61	0.466077	0.019326	35603481	35605248	35673825	3567436
203 NA19173	[2515685 chr6	6	35862833	35874426	11594	13	0.742103	0.042593	35862530	35863136	35873957	3587489
204 NA19173	[2515685 chr6	6	52900994	52904796	3803	6	-0.595663	0.064091	52900786	52901202	52904081	5290551
205 NA19173	[2515685 chr6	6	54036900	54042384	5485	5	3.063205	0.125245	54036573	54037227	54041771	5404299
206 NA19173	[2515685 chr6	6	75615700	75616876	1177	2	-0.645973	0.117886	75615505	75615895	75616682	7561707
207 NA19173	[2515685 chr6	6	79023318	79093263	69946	70	0.725213	0.019144	79022028	79024609	79091909	7909461
208 NA19173	[2515685 chr6	6	84801992	84804976	2985	3	0.527442	0.09506	84801686	84802299	84804690	8480526
209 NA19173	[2515685 chr6	6	103844685	103871201	26517	17	1.950058	0.063583	103844347	103845023	103868241	10387416
210 NA19173	[2515685 chr6	6	115446833	115450846	4014	3	-0.650099	0.091326	115446601	115447066	115450464	11545122
211 NA19173	[2515685 chr6	6	120671191	120671916	726	2	0.853866	0.116076	120670696	120671686	120671725	12067210
212 NA19173	[2515685 chr6	6	154800038	154817789	17752	16	-0.803581	0.040223	154799451	154800626	154816733	15481884
213 NA19173	[2515685 chr6	6	158626779	158629334	2556	2	0.588867	0.1107	158626116	158627443	158629136	15862953
214 NA19173	[2515685 chr6	6	161003739	161038394	34656	60	0.433184	0.015926	161003541	161003937	161038184	16103860
215 NA19173	[2515685 chr6	6	162467598	162477003	9406	7	-0.795253	0.061609	162467067	162468130	162476571	16247743
216 NA19173	[2515685 chr6	6	168780035	168781989	1955	4	-1.000762	0.076718	168779504	168780567	168781555	16878242
217 NA19173	[2515685 chr6	6	170603879	170604666	788	2	-1.785019	0.132599	170603541	170604217	170604339	17060499
218 NA19173	[2515685 chr6	6	170625506	170627028	1523	3	0.544848	0.090972	170625015	170625997	170626579	17062747
219 NA19173	[2515685 chr6	6	170684555	170686252	1698	4	-0.810739	0.080229	170684170	170684940	170686034	17068647
220 NA19173	[2515685 chr6	6	170692529	170695455	2927	14	0.302944	0.038797	170692183	170692876	170695068	17069584
221 NA19173	[2515685 chr6	6	170720829	170723478	2650	11	-0.560854	0.046683	170720441	170721218	170723334	17072362
222 NA19173	[2515685 chr6	6	170897669	170898280	612	2	0.604034	0.107559	170897116	170898223	170898223	17089833
223 NA19173	[2515685 chr6	6	170907234	170911604	4371	3	0.657899	0.103273	170906392	170908077	170908104	17091795
224 NA19173	[2515685 chr7	7	113212	116416	3205	14	-0.371484	0.042571	113146	113279	116290	116543
225 NA19173	[2515685 chr7	7	928371	930663	2293	6	0.393703	0.056796	928117	928626	930382	930945
226 NA19173	[2515685 chr7	7	3384111	3392457	8347	8	0.809269	0.055785	3383451	3384772	3390107	339561
227 NA19173	[2515685 chr7	7	12297894	12299052	1159	6	0.397523	0.071634	12297829	12297960	12298811	1229929
228 NA19173	[2515685 chr7	7	15002967	15009839	6873	3	-0.418269	0.082411	15002468	15003467	15009610	1501006
229 NA19173	[2515685 chr7	7	19392309	19403725	11417	6	-0.375832	0.060485	19392086	19392532	19401375	1945566
230 NA19173	[2515685 chr7	7	37647977	37657849	9873	2	-0.544542	0.085245	37646226	37649728	37655499	3771960
231 NA19173	[2515685 chr7	7	38159778	38178711	18934	20	-0.28593	0.030883	38159476	38160081	38177987	3817943
232 NA19173	[2515685 chr7	7	43775620	43792507	16888	20	0.357342	0.031168	43775434	43775807	43792292	4379272
233 NA19173	[2515685 chr7	7	46709845	46810040	100196	2	-0.542733	0.106978	46675289	46712195	46807690	4687091
234 NA19173	[2515685 chr7	7	56652639	56670462	17824	14	0.469144	0.035859	56652228	56653051	56670409	5667051
235 NA19173	[2515685 chr7	7	62116535	62117881	1347	3	-0.430869	0.078099	62116347	62116724	62117188	6211857
236 NA19173	[2515685 chr7	7	62651575	62670113	18539	9	0.435924	0.041187	62650114	62653036	62667763	6267326
237 NA19173	[2515685 chr7	7	63995985	64010720	14736	18	0.280394	0.03601	63995674	63996294	64010307	6401113
238 NA19173	[2515685 chr7	7	64028465	64045487	17023	47	-0.251378	0.020797	64027806	64029125	64045069	6404590
239 NA19173	[2515685 chr7	7	64168346	64170655	2310	2	-0.696086	0.097488	64166309	64170383	64170649	6417066
240 NA19173	[2515685 chr7	7	64464087	64481591	17505	46	-0.255882	0.020795	64463669	64464506	64481417	6448176
241 NA19173	[2515685 chr7	7	64538610	64556662	18053	48	-0.262023	0.020373	64537873	64539348	64556244	6455708
242 NA19173	[2515685 chr7	7	64691204	64722046	30843	33	0.437668	0.024505	64690582	64691826	64721805	6472228
243 NA19173	[2515685 chr7	7	69866390	69869623	3234	4	0.81997	0.084686	69865412	69867368	69869269	6986997
244 NA19173	[2515685 chr7	7	69869623	69871056	1434	2	3.531591	0.177998	69869269	69869978	69870420	6987169
245 NA19173	[2515685 chr7	7	73965656	73966691	1036	4	0.340072	0.066326	73965279	73966033	73966513	7396687
246 NA19173	[2515685 chr7	7	76173835	76175647	1813	2	1.002363	0.10918	76173564	76174106	76174852	7617644
247 NA19173	[2515685 chr7	7	78448980	78498649	49670	53	-0.766774	0.021781	78448496	78449465	78498134	7849916

248 NA19173	[2515685 chr7	7	86308899	86326435	17537	6	0.294456	0.051869	86308663	86309136	86325771	8632709!
249 NA19173	[2515685 chr7	7	89455106	89456632	1527	3	2.952355	0.1292	89454839	89455373	89456225	8945703!
250 NA19173	[2515685 chr7	7	101275493	101277996	2504	3	0.806668	0.073679	101274930	101276056	101277293	10127870
251 NA19173	[2515685 chr7	7	101731796	101734453	2658	3	0.585471	0.077299	101731584	101732009	101733827	10173507
252 NA19173	[2515685 chr7	7	101752166	101759251	7086	10	0.503663	0.04024	101751400	101752933	101759229	10175927
253 NA19173	[2515685 chr7	7	101799866	101805548	5683	6	0.454256	0.049619	101797840	101801892	101804682	10180641
254 NA19173	[2515685 chr7	7	101831025	101833681	2657	3	0.585471	0.077299	101830813	101831238	101833055	10183430
255 NA19173	[2515685 chr7	7	101851360	101858816	7457	10	0.503663	0.04024	101850594	101852127	101858540	10185909
256 NA19173	[2515685 chr7	7	101899083	101904759	5677	6	0.454256	0.049619	101897065	101901102	101903893	10190562
257 NA19173	[2515685 chr7	7	109034784	109048749	13966	10	2.206193	0.070418	109024063	109037134	109046953	10905054
258 NA19173	[2515685 chr7	7	109776378	109782655	6278	5	0.783931	0.072764	109775821	109776936	109782301	10978301
259 NA19173	[2515685 chr7	7	110843822	110850326	6505	4	-0.720736	0.094676	110842210	110845435	110849434	11085121
260 NA19173	[2515685 chr7	7	118747553	118757346	9794	14	-0.775556	0.044599	118746829	118748237	118756302	11875839
261 NA19173	[2515685 chr7	7	125639507	125644775	5269	6	-0.78082	0.074138	125639054	125639961	125644046	12564550
262 NA19173	[2515685 chr7	7	133243381	133245202	1822	2	0.608796	0.101778	133243008	133243755	133244207	13324619
263 NA19173	[2515685 chr7	7	133245202	133257359	12158	13	2.6614	0.07231	133244207	133246197	133255009	13326093
264 NA19173	[2515685 chr7	7	139646447	139656780	10334	9	-0.754269	0.054203	139646220	139646674	139655248	13965831
265 NA19173	[2515685 chr7	7	141239940	141241109	1170	2	0.654929	0.103011	141239521	141240359	141240873	14124134
266 NA19173	[2515685 chr7	7	141760008	141761893	1886	2	-0.599464	0.116795	141759690	141760326	141761589	14176219
267 NA19173	[2515685 chr7	7	141859547	141861635	2089	3	-0.477741	0.078312	141859116	141859979	141861094	14186217
268 NA19173	[2515685 chr7	7	143320629	143511719	191091	363	-0.405285	0.007418	143320373	143320886	143511270	14351216
269 NA19173	[2515685 chr7	7	143740544	143743194	2651	3	-0.435112	0.076536	143740103	143740985	143742979	14374341
270 NA19173	[2515685 chr7	7	156976112	156978464	2353	2	0.747416	0.097885	156975812	156976413	156977896	15697903
271 NA19173	[2515685 chr7	7	157023614	157027930	4317	7	0.401479	0.054461	157023242	157023987	157027451	15702840
272 NA19173	[2515685 chr7	7	158207288	158209880	2593	2	1.102883	0.135749	158206344	158208233	158209333	15821042
273 NA19173	[2515685 chr7	7	158617060	158624378	7319	6	0.856131	0.067242	158616763	158617357	158622028	15862672
274 NA19173	[2515685 chr8	8	64034	67656	3623	3	0.6579	0.103274	56939	66788	66815	68497
275 NA19173	[2515685 chr8	8	76554	77165	612	2	0.604034	0.107559	76497	76612	76612	77719
276 NA19173	[2515685 chr8	8	1328256	1343509	15254	45	-0.6665	0.019909	1327688	1328824	1342795	134422
277 NA19173	[2515685 chr8	8	1371706	1374029	2324	2	0.660851	0.112847	1370378	1373035	1373615	137444
278 NA19173	[2515685 chr8	8	2233414	2253793	20380	11	-0.656057	0.047092	2232990	2233839	2251039	225752
279 NA19173	[2515685 chr8	8	4110204	4112526	2323	2	3.451788	0.218258	4109692	4110717	4112031	411302
280 NA19173	[2515685 chr8	8	5582875	5594011	11137	9	0.739538	0.048562	5582615	5583135	5592820	559520
281 NA19173	[2515685 chr8	8	5951254	5993685	42432	3	0.419445	0.081542	5949893	5952616	5990931	600372
282 NA19173	[2515685 chr8	8	7098713	7187950	89238	290	0.411827	0.007918	7098285	7099142	7187698	718820
283 NA19173	[2515685 chr8	8	7223627	7391234	167608	254	-0.276472	0.009162	7223006	7224249	7391061	739140
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287 NA19173	[2515685 chr8	8	7862281	7873897	11617	34	1.385347	0.028436	7862030	7862533	7873605	787419
288 NA19173	[2515685 chr8	8	7903980	7928723	24744	96	0.417261	0.013265	7903568	7904392	7928292	792915
289 NA19173	[2515685 chr8	8	12023134	12035286	12153	32	1.412888	0.030534	12022997	12023272	12034973	1203559
290 NA19173	[2515685 chr8	8	12064826	12072445	7620	25	0.453542	0.026408	12064663	12064989	12072267	1207262
291 NA19173	[2515685 chr8	8	12276602	12284041	7440	14	1.156544	0.042318	12276206	12276998	12283622	1228446
292 NA19173	[2515685 chr8	8	12314107	12321726	7620	22	0.411369	0.027757	12313944	12314270	12321548	1232190
293 NA19173	[2515685 chr8	8	12504611	12505796	1186	4	-0.435498	0.078109	12504598	12504624	12505774	1250581
294 NA19173	[2515685 chr8	8	13644277	13653377	9101	8	-0.828924	0.056529	13644028	13644527	13653026	1365372
295 NA19173	[2515685 chr8	8	16245461	16251509	6049	6	-0.83446	0.06966	16245129	16245794	16250812	1625220
296 NA19173	[2515685 chr8	8	21951445	21953158	1714	2	-0.670855	0.105228	21951089	21951801	21952730	2195358
297 NA19173	[2515685 chr8	8	25028407	25046917	18511	15	-0.887816	0.039885	25027885	25028930	25046777	2504705
298 NA19173	[2515685 chr8	8	39351178	39506673	155496	162	0.714723	0.012769	39350826	39351530	39505284	3950806
299 NA19173	[2515685 chr8	8	40301688	40309070	7383	7	-0.619526	0.057934	40301316	40302061	40308873	4030926
300 NA19173	[2515685 chr8	8	54001807	54002677	871	2	-0.917061	0.129081	54001673	54001942	54002470	5400288
301 NA19173	[2515685 chr8	8	58126924	58132152	5229	6	-0.613988	0.065786	58126633	58127215	58131959	5813234
302 NA19173	[2515685 chr8	8	58278355	58289214	10860	9	0.734725	0.044084	58277116	58279595	58288084	5829034

303 NA19173	[2515685 chr8	8	63378168	63387857	9690	14	-1.743185	0.061435	63377712	63378624	63387483	6338823;
304 NA19173	[2515685 chr8	8	85423649	85431920	8272	7	0.877338	0.061208	85423043	85424256	85431347	8543249;
305 NA19173	[2515685 chr8	8	90399082	90406731	7650	8	-0.741749	0.057682	90398809	90399355	90406183	9040728;
306 NA19173	[2515685 chr8	8	119394941	119403766	8826	2	0.598411	0.106042	119393405	119396477	119401012	11941024
307 NA19173	[2515685 chr9	9	39813768	39815652	1885	3	-0.541217	0.082355	39813502	39814035	39814733	3981657;
308 NA19173	[2515685 chr9	9	39819027	39822887	3861	8	0.256762	0.050308	39818862	39819192	39822472	3982330;
309 NA19173	[2515685 chr9	9	40259304	40273449	14146	29	-0.347491	0.028583	40259139	40259470	40271087	4027696
310 NA19173	[2515685 chr9	9	41649237	41651122	1886	3	-0.541217	0.082355	41648318	41650157	41650855	4165138;
311 NA19173	[2515685 chr9	9	42075878	42078332	2455	4	0.513142	0.06492	42075634	42076122	42078087	4207857;
312 NA19173	[2515685 chr9	9	42754727	42756705	1979	3	-0.728914	0.075146	42754385	42755070	42755767	4275764
313 NA19173	[2515685 chr9	9	42875403	42877381	1979	3	-0.728938	0.075147	42875061	42875746	42876443	4287832;
314 NA19173	[2515685 chr9	9	43065211	43066832	1622	2	-0.862777	0.109864	43064261	43066162	43066646	4306701;
315 NA19173	[2515685 chr9	9	43182772	43185831	3060	2	-0.810142	0.119778	43179223	43185134	43185191	4318647;
316 NA19173	[2515685 chr9	9	44319140	44340447	21308	24	0.273234	0.029997	44318931	44319349	44340170	4434072
317 NA19173	[2515685 chr9	9	45441271	45493025	51755	24	0.271328	0.030225	45440324	45442218	45490663	4549826;
318 NA19173	[2515685 chr9	9	66629882	66688458	58577	89	0.255683	0.015445	66629409	66630356	66688100	6668881;
319 NA19173	[2515685 chr9	9	66730440	66740268	9829	18	0.304094	0.034482	66730246	66730634	66739997	6674053;
320 NA19173	[2515685 chr9	9	81440180	81441959	1780	3	-0.453581	0.079739	81439860	81440500	81441764	8144215
321 NA19173	[2515685 chr9	9	104440993	104449234	8242	11	-0.552754	0.045755	104440221	104441766	104448865	10444960
322 NA19173	[2515685 chr9	9	112902065	112932269	30205	42	0.404244	0.019646	112901557	112902574	112931621	11293291
323 NA19173	[2515685 chr9	9	116602370	116616453	14084	13	0.44642	0.040762	116601789	116602952	116615745	11661716
324 NA19173	[2515685 chr9	9	133645098	133650663	5566	3	0.514433	0.087654	133637352	133647460	133649928	13365139
325 NA19173	[2515685 chr9	9	138397327	138399638	2312	12	-0.344823	0.044558	138397201	138397454	138399572	13839970
326 NA19173	[2515685 chr10	10	170571	172369	1799	2	0.714863	0.104643	170341	170801	171237	173501
327 NA19173	[2515685 chr10	10	4427504	4431473	3970	4	-0.686945	0.076752	4427110	4427898	4430742	443220
328 NA19173	[2515685 chr10	10	6693908	6703893	9986	8	0.731649	0.058317	6692231	6695585	6703779	6704008
329 NA19173	[2515685 chr10	10	19788068	19790461	2394	3	-0.407215	0.076189	19787726	19788411	19789952	1979097;
330 NA19173	[2515685 chr10	10	19850003	19851799	1797	2	-0.550557	0.109633	19849781	19850225	19850931	1985266
331 NA19173	[2515685 chr10	10	42564252	42565662	1411	4	-0.698468	0.075086	42563949	42564556	42565423	4256590
332 NA19173	[2515685 chr10	10	46102946	46132961	30016	45	-0.296187	0.019579	46102736	46103157	46132792	4613313
333 NA19173	[2515685 chr10	10	46167732	46171356	3625	14	-0.355051	0.035967	46167382	46168082	46171200	4617151;
334 NA19173	[2515685 chr10	10	46197322	46221325	24004	62	-0.313212	0.003634	46197082	46197562	46221069	4622158
335 NA19173	[2515685 chr10	10	46228317	47176381	948065	1354	-0.313212	0.003634	46228145	46228490	47175283	4717747;
336 NA19173	[2515685 chr10	10	47219897	47220637	741	5	-0.648005	0.070018	47219892	47219903	47220533	4722074
337 NA19173	[2515685 chr10	10	47228616	47231502	2887	10	-0.425114	0.041318	47228514	47228719	47231201	4723180;
338 NA19173	[2515685 chr10	10	47723237	47760244	37008	115	-0.290414	0.009005	47575187	47725982	47760072	4776041;
339 NA19173	[2515685 chr10	10	47767237	47806251	39015	110	-0.290414	0.009005	47766982	47767493	47806074	4780642;
340 NA19173	[2515685 chr10	10	47877984	47878897	914	4	-0.576236	0.076404	47877760	47878209	47878725	4787907;
341 NA19173	[2515685 chr10	10	47886941	47889830	2890	11	-0.446416	0.039086	47886839	47887044	47889529	4789013
342 NA19173	[2515685 chr10	10	48587057	48610432	23376	59	-0.315495	0.017603	48586817	48587297	48610057	4861080;
343 NA19173	[2515685 chr10	10	48638301	48715124	76824	129	-0.358854	0.011218	48638050	48638553	48714752	4871549;
344 NA19173	[2515685 chr10	10	56117212	56139275	22064	20	-0.918961	0.035469	56115764	56118661	56138931	5613961;
345 NA19173	[2515685 chr10	10	81577238	81578463	1226	2	-0.701992	0.102375	81577066	81577411	81578028	8157889;
346 NA19173	[2515685 chr10	10	88867016	88935117	68102	71	-0.382166	0.016535	88866816	88867217	88934324	8893591;
347 NA19173	[2515685 chr10	10	122760140	122770695	10556	6	-2.736293	0.100543	122759805	122760476	122770229	12277116
348 NA19173	[2515685 chr10	10	122775548	122777315	1768	2	-2.333107	0.170486	122774901	122776196	122776760	12277787
349 NA19173	[2515685 chr10	10	124331349	124348266	16918	16	0.642217	0.036375	124330248	124332451	124348238	12434829
350 NA19173	[2515685 chr10	10	134168766	134170259	1494	17	-0.411149	0.03745	134168524	134169008	134170097	13417042
351 NA19173	[2515685 chr10	10	134924388	134926337	1950	17	-0.654898	0.040386	134924070	134924706	134926184	13492649
352 NA19173	[2515685 chr10	10	135332315	135357092	24778	20	-0.256592	0.032353	135331393	135333238	135356057	13535812
353 NA19173	[2515685 chr11	11	2840307	2842410	2104	3	0.691943	0.090419	2839959	2840656	2841856	284296;
354 NA19173	[2515685 chr11	11	2999679	3174862	175184	3	-0.398519	0.075128	2949255	3002762	3173264	317646;
355 NA19173	[2515685 chr11	11	3628748	3632795	4048	6	-2.88059	0.087165	3625722	3631775	3632594	363299;
356 NA19173	[2515685 chr11	11	4924831	4933540	8710	9	0.5254	0.046803	4924403	4925260	4933251	493383;
357 NA19173	[2515685 chr11	11	5717038	5722028	4991	3	2.781015	0.131205	5716660	5717416	5718945	572548;

358 NA19173	[2515685 chr11	11	5741269	5765993	24725	33	2.173033	0.038345	5741059	5741480	5765632	5766354
359 NA19173	[2515685 chr11	11	5830457	5843035	12579	12	-0.668658	0.046717	5828206	5832709	5839952	5849172
360 NA19173	[2515685 chr11	11	11831868	11833089	1222	2	0.942223	0.103359	11831412	11832324	11832853	11833321
361 NA19173	[2515685 chr11	11	18906905	18923022	16118	29	0.419896	0.027399	18906533	18907278	18919939	18928457
362 NA19173	[2515685 chr11	11	21803767	21805833	2067	3	-0.746998	0.080801	21803616	21803918	21805682	21805981
363 NA19173	[2515685 chr11	11	25723253	25727363	4111	2	0.62214	0.116418	25722991	25723516	25725177	25729541
364 NA19173	[2515685 chr11	11	48284073	48285508	1436	4	0.686398	0.074712	48283862	48284285	48285336	48285681
365 NA19173	[2515685 chr11	11	48997072	49001951	4880	10	0.444557	0.046312	48996760	48997384	49001459	49002444
366 NA19173	[2515685 chr11	11	49667589	49715831	48243	34	0.491466	0.024873	49666851	49668327	49712748	49721981
367 NA19173	[2515685 chr11	11	50048965	50051982	3018	7	-0.265609	0.051404	50048783	50049148	50051464	50052500
368 NA19173	[2515685 chr11	11	56381856	56383662	1807	2	0.490113	0.097218	56381278	56382434	56382844	56384448
369 NA19173	[2515685 chr11	11	88266938	88302601	35664	38	0.305364	0.023872	88266424	88267453	88301440	88303761
370 NA19173	[2515685 chr11	11	89184898	89188706	3809	4	0.776335	0.079513	89184243	89185554	89188235	89189177
371 NA19173	[2515685 chr11	11	104447230	104478125	30896	28	0.434491	0.027087	104446960	104447500	104477533	104478711
372 NA19173	[2515685 chr11	11	120991694	120994201	2508	2	0.598698	0.111132	120991361	120992028	120993592	120994811
373 NA19173	[2515685 chr11	11	129852648	129853962	1315	2	-0.547823	0.100349	129852398	129852898	129852965	129854961
374 NA19173	[2515685 chr11	11	134107699	134112290	4592	5	0.775576	0.067094	134106591	134108808	134111845	134112731
375 NA19173	[2515685 chr12	12	398598	404873	6276	14	-0.296825	0.033736	398035	399161	401600	408146
376 NA19173	[2515685 chr12	12	736840	744802	7963	9	0.789738	0.051306	736616	737064	744211	745394
377 NA19173	[2515685 chr12	12	2112534	2127044	14511	15	0.624252	0.038754	2109107	2115961	2126809	2127279
378 NA19173	[2515685 chr12	12	6113530	6117052	3523	3	0.495756	0.093716	6111640	6115421	6116289	6117816
379 NA19173	[2515685 chr12	12	6410033	6454173	44141	51	0.511622	0.021482	6409530	6410536	6452546	6455807
380 NA19173	[2515685 chr12	12	6485950	6494806	8857	6	0.658541	0.066234	6482612	6489289	6494468	6495144
381 NA19173	[2515685 chr12	12	8263675	8269259	5585	16	0.466534	0.034199	8263598	8263752	8268864	8269654
382 NA19173	[2515685 chr12	12	9433821	9439347	5527	2	-0.841969	0.13322	9433429	9434213	9439120	9439574
383 NA19173	[2515685 chr12	12	9439936	9445623	5688	9	0.532458	0.044534	9439574	9440298	9445247	9446000
384 NA19173	[2515685 chr12	12	9524239	9526454	2216	2	0.758029	0.112543	9523968	9524510	9526036	9526872
385 NA19173	[2515685 chr12	12	9527659	9624971	97313	104	1.007803	0.016599	9526872	9528447	9623223	9626720
386 NA19173	[2515685 chr12	12	11070849	11142012	71164	86	-0.485549	0.016597	11069857	11071841	11141608	11142417
387 NA19173	[2515685 chr12	12	11397201	11439351	42151	40	-0.352094	0.023301	11396895	11397507	11439183	11439511
388 NA19173	[2515685 chr12	12	22462548	22477653	15106	8	0.885948	0.050131	22461792	22463304	22474599	22480701
389 NA19173	[2515685 chr12	12	27539466	27545857	6392	9	-0.825775	0.054855	27539237	27539695	27545179	27546531
390 NA19173	[2515685 chr12	12	31155331	31161854	6524	7	0.559387	0.057311	31155092	31155571	31161033	31162671
391 NA19173	[2515685 chr12	12	31168973	31244780	75808	73	0.742464	0.0186	31168656	31169291	31244217	31245341
392 NA19173	[2515685 chr12	12	33189085	33198675	9591	9	-0.884692	0.054165	33185151	33192576	33198516	33198831
393 NA19173	[2515685 chr12	12	33778546	33779214	669	2	0.570043	0.104582	33778232	33778861	33779086	33779341
394 NA19173	[2515685 chr12	12	34142587	34153150	10564	18	-0.518477	0.036904	34142134	34143040	34152928	34153371
395 NA19173	[2515685 chr12	12	37153058	37156969	3912	7	-0.370346	0.054547	37151411	37154706	37156872	37157061
396 NA19173	[2515685 chr12	12	59039529	59044445	4917	6	-0.844737	0.066116	59039220	59039839	59044045	59044841
397 NA19173	[2515685 chr12	12	61862035	61865860	3826	4	-0.396063	0.076802	61861674	61862396	61865543	61866171
398 NA19173	[2515685 chr12	12	69156921	69167887	10967	11	0.668709	0.048289	69138649	69160412	69164396	69215017
399 NA19173	[2515685 chr12	12	78656134	78664516	8383	8	-0.423886	0.053534	78654687	78657582	78664296	78664731
400 NA19173	[2515685 chr12	12	87325682	87347005	21324	5	-0.390949	0.070048	87258378	87329173	87346311	87347701
401 NA19173	[2515685 chr12	12	128583498	128587180	3683	3	-0.774364	0.091493	128583022	128583974	128585687	12858867
402 NA19173	[2515685 chr12	12	128864324	128869047	4724	14	-0.359854	0.032218	128863938	128864711	128867605	12887048
403 NA19173	[2515685 chr12	12	129395501	129397120	1620	13	-0.2745	0.039989	129395008	129395994	129397068	129397171
404 NA19173	[2515685 chr12	12	131046250	131046750	501	2	0.665147	0.126398	131046129	131046371	131046551	13104694
405 NA19173	[2515685 chr13	13	25947233	25950398	3166	3	2.728415	0.131493	25946194	25948272	25949415	2595138
406 NA19173	[2515685 chr13	13	31430484	31437209	6726	7	-0.745483	0.058953	31430130	31430838	31436488	31437937
407 NA19173	[2515685 chr13	13	33036334	33042392	6059	6	0.863798	0.069574	33034735	33037934	33041860	33042921
408 NA19173	[2515685 chr13	13	69633905	69673289	39385	42	0.803518	0.023779	69633412	69634399	69672985	69673591
409 NA19173	[2515685 chr13	13	110502383	110503129	747	3	0.53715	0.10361	110502225	110502541	110502890	11050336
410 NA19173	[2515685 chr13	13	113079647	113086819	7173	3	0.682351	0.087577	113078890	113080404	113082138	11309434
411 NA19173	[2515685 chr14	14	18439491	18816175	376685	602	-0.378506	0.003789	18437497	18441485	18441307	18818041
412 NA19173	[2515685 chr14	14	18899439	19265232	365794	644	-0.378506	0.003789	18897773	18901105	19261661	19268801



413 NA19173	[2515685 chr14	14	19269403	19494842	225440	211	0.304117	0.010311	19268804	19270002	19494444	1949524
414 NA19173	[2515685 chr14	14	19619358	19625484	6127	3	2.889969	0.184817	19612261	19624114	19625018	1962595
415 NA19173	[2515685 chr14	14	32022775	32026140	3366	2	-0.734305	0.116506	32022274	32023276	32023749	3202853
416 NA19173	[2515685 chr14	14	34183356	34192233	8878	12	-0.576144	0.044028	34181692	34185020	34189097	3419537
417 NA19173	[2515685 chr14	14	42059344	42062997	3654	2	0.626776	0.101098	42056485	42062203	42062601	4206339
418 NA19173	[2515685 chr14	14	73063171	73122855	59685	54	0.648066	0.02067	73061866	73064476	73122227	7312348
419 NA19173	[2515685 chr14	14	77193994	77196644	2651	3	0.54621	0.081857	77193776	77194213	77196380	7719690
420 NA19173	[2515685 chr15	15	18842954	18850769	7816	12	0.343823	0.040464	18842593	18843315	18850013	1885152
421 NA19173	[2515685 chr15	15	19273388	19279461	6074	5	-0.340342	0.063664	19273171	19273606	19278933	1927999
422 NA19173	[2515685 chr15	15	19838440	19845597	7158	12	0.416267	0.041315	19836986	19839894	19845254	1984594
423 NA19173	[2515685 chr15	15	20204601	20206715	2115	2	-0.567808	0.086047	20204425	20204778	20206324	2020710
424 NA19173	[2515685 chr15	15	20217089	20218997	1909	5	-0.490369	0.066559	20217011	20217167	20218750	2021924
425 NA19173	[2515685 chr15	15	20234328	20251201	16874	21	-0.346503	0.030545	20233781	20234875	20251142	2025126
426 NA19173	[2515685 chr15	15	20371608	20383831	12224	17	-0.312252	0.032505	20367922	20373912	20383079	2038458
427 NA19173	[2515685 chr15	15	21130665	21149970	19306	36	-0.254289	0.021842	21130580	21130750	21148830	2115111
428 NA19173	[2515685 chr15	15	21605983	21614602	8620	8	0.791133	0.056618	21605507	21606459	21612298	2163669
429 NA19173	[2515685 chr15	15	22616451	22635730	19280	19	-0.865859	0.036759	22615585	22617318	22633426	2264272
430 NA19173	[2515685 chr15	15	24986053	24992250	6198	7	0.853128	0.061326	24985426	24986680	24991680	2499282
431 NA19173	[2515685 chr15	15	26168435	26174839	6405	10	-0.310236	0.04233	26168147	26168723	26174441	2617523
432 NA19173	[2515685 chr15	15	26309330	26331811	22482	37	-0.287969	0.022942	26308972	26309689	26331265	2633235
433 NA19173	[2515685 chr15	15	26353121	26354736	1616	5	-0.480659	0.071658	26352589	26353653	26354650	2635482
434 NA19173	[2515685 chr15	15	26365413	26367526	2114	2	-0.567808	0.086047	26365024	26365802	26367348	2636770
435 NA19173	[2515685 chr15	15	26372303	26373297	995	2	-0.606345	0.099702	26372290	26372316	26372858	2637373
436 NA19173	[2515685 chr15	15	26488752	26491417	2666	3	-0.526992	0.077526	26488657	26488847	26491238	2649159
437 NA19173	[2515685 chr15	15	26505642	26506636	995	2	-0.606345	0.099702	26505204	26506081	26506623	2650664
438 NA19173	[2515685 chr15	15	26511401	26514065	2665	3	-0.526992	0.077526	26511223	26511579	26513970	2651416
439 NA19173	[2515685 chr15	15	26524505	26526121	1617	5	-0.48066	0.071658	26524419	26524592	26525589	2652665
440 NA19173	[2515685 chr15	15	26542764	26565230	22467	32	-0.291677	0.024394	26542214	26543314	26564872	2656558
441 NA19173	[2515685 chr15	15	42905343	42905934	592	2	-0.53787	0.095145	42905218	42905469	42905888	4290598
442 NA19173	[2515685 chr15	15	43106834	43111174	4341	4	0.828842	0.070499	43106498	43107171	4311071	4311127
443 NA19173	[2515685 chr15	15	70726122	70749872	23751	42	-0.323315	0.021347	70725990	70726254	70749416	7075032
444 NA19173	[2515685 chr15	15	72142068	72169903	27836	44	-0.293355	0.020907	72141721	72142415	72169771	7217003
445 NA19173	[2515685 chr15	15	73332627	73370318	37692	54	-0.353047	0.018506	73332278	73332976	73369996	7337064
446 NA19173	[2515685 chr15	15	74671388	74682822	11435	9	0.820102	0.052692	74671122	74671654	74680518	7468951
447 NA19173	[2515685 chr15	15	75117585	75119946	2362	4	0.849897	0.077292	75117343	75117827	75119741	7512015
448 NA19173	[2515685 chr15	15	76000584	76012399	11816	4	-0.402267	0.067418	76000195	76000974	76012248	7601255
449 NA19173	[2515685 chr15	15	77335932	77341524	5593	5	-0.956777	0.066542	77335153	77336712	77341168	7734188
450 NA19173	[2515685 chr15	15	82333041	82335194	2154	2	-0.789648	0.102246	82332284	82333799	82334729	8233566
451 NA19173	[2515685 chr15	15	89782475	89789175	6701	2	0.607443	0.104545	89782079	89782871	89788620	8978973
452 NA19173	[2515685 chr15	15	98234084	98240716	6633	8	0.887445	0.057974	98233842	98234327	98239350	9824208
453 NA19173	[2515685 chr15	15	100109640	100122682	13043	98	0.91795	0.013245	100108905	100110376	100122315	10012305
454 NA19173	[2515685 chr15	15	100263646	100309150	45505	19	0.360338	0.031777	100263435	100263857	100307499	10031080
455 NA19173	[2515685 chr16	16	847093	851321	4229	8	-0.529542	0.054436	846662	847525	849440	857236
456 NA19173	[2515685 chr16	16	5367156	5369567	2412	3	-0.852735	0.079675	5366406	5367907	5369326	536980
457 NA19173	[2515685 chr16	16	10107199	10108716	1518	2	0.586832	0.090507	10106939	10107460	10108461	1010897
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459 NA19173	[2515685 chr16	16	14699048	14703775	4728	4	0.724954	0.060278	14696316	14700929	14703313	1470423
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462 NA19173	[2515685 chr16	16	14743664	14746503	2840	2	0.533513	0.085245	14743359	14743970	14745473	1474753
463 NA19173	[2515685 chr16	16	16292673	16293255	583	3	-0.555338	0.087569	16292450	16292896	16292938	1629357
464 NA19173	[2515685 chr16	16	16633469	16640258	6790	5	0.798605	0.066144	16632502	16634437	16639854	1664066
465 NA19173	[2515685 chr16	16	18421594	18422177	584	3	-0.555341	0.087569	18421277	18421911	18421954	1842240
466 NA19173	[2515685 chr16	16	18444324	18446725	2402	3	0.480981	0.088597	18443823	18444825	18446228	1844722
467 NA19173	[2515685 chr16	16	21320882	21323686	2805	18	0.298111	0.029006	21320606	21321159	21323533	2132383

468 NA19173	[2515685 chr16	16	21480136	21485561	5426	5	0.511116	0.064282	21479907	21480366	21485115	21486001
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478 NA19173	[2515685 chr16	16	32159898	32160377	480	2	-1.517387	0.103809	32159453	32160343	32160346	32160401
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495 NA19173	[2515685 chr16	16	84562720	84565235	2516	11	0.375297	0.046818	84561685	84563756	84565142	84565321
496 NA19173	[2515685 chr16	16	88658787	88663245	4459	4	-0.58143	0.069621	88657900	88659675	88661364	88667241
497 NA19173	[2515685 chr16	16	88710329	88712266	1938	10	-0.369257	0.049585	88710203	88710456	88712200	88712331
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559 NA19173	[2515685 chr20	20	61708834	61712547	3714	23	-0.308689	0.03122	61708573	61709096	61711995	6171309:
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565 NA19173	[2515685 chr22	22	18744519	18863336	118818	145	-0.257096	0.012066	18742262	18746777	18863099	1886357:
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592 NA19173	[2515685 chrX	23	148588219	148691790	103572	77	0.559408	0.017949	148581850	148592187	148687822	14875988
593 NA19173	[2515685 chrX	23	154653800	154656039	2240	2	-0.982569	0.110044	154652741	154654860	154655183	15465689
594 NA19173	[2515685 chrX	23	154721706	154722677	972	2	0.661684	0.116044	154721235	154722178	154722342	15472301
595 NA19173	[2515685 chrY	24	1863641	1865837	2197	4	-0.418097	0.077631	1862943	1864339	1865399	1866274
596 NA19173	[2515685 chrY	24	2286200	2288297	2098	2	0.645968	0.096506	2285671	2286730	2287550	2289045
597 NA19173	[2515685 chrY	24	10329938	10340296	10359	5	0.353426	0.061153	10329502	10330375	10339804	10340785
598 NA19173	[2515685 chrY	24	23624926	23649003	24078	50	-0.557239	0.019149	23624485	23625368	23648757	23649245
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1 NA18563	[2515685 chr1	1	76985	84684	7700	8	0.472457	0.051786	76641	77329	81416	90508
2 NA18563	[2515685 chr1	1	601047	612159	11113	7	-0.946754	0.056603	587801	604315	610122	614196
3 NA18563	[2515685 chr1	1	1853012	1854645	1634	2	0.633991	0.093457	1852616	1853409	1853816	1855474
4 NA18563	[2515685 chr1	1	10416438	10418311	1874	2	-0.77842	0.102362	10415863	10417014	10417712	10418917
5 NA18563	[2515685 chr1	1	12829124	12869451	40328	50	0.379353	0.020033	12828579	12829669	12868612	12870297
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7 NA18563	[2515685 chr1	1	12895494	12898767	3274	4	0.419972	0.061207	12895448	12895540	12898380	12899151
8 NA18563	[2515685 chr1	1	12999541	13003194	3654	3	0.571719	0.088898	12998660	13000422	13002480	13003901
9 NA18563	[2515685 chr1	1	13014231	13096219	81989	37	-0.339794	0.022831	13013335	13015127	13095739	13096701
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11 NA18563	[2515685 chr1	1	13159940	13162706	2767	4	0.627721	0.057467	13159618	13160263	13162366	13163047
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13 NA18563	[2515685 chr1	1	13216105	13240056	23952	28	-0.272407	0.022914	13214189	13218021	13239572	13240547
14 NA18563	[2515685 chr1	1	13368830	13371923	3094	3	0.433761	0.07183	13368443	13369217	13371698	13372144
15 NA18563	[2515685 chr1	1	13380737	13383503	2767	4	0.627723	0.057467	13380415	13381060	13381163	13383847
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18 NA18563	[2515685 chr1	1	25329658	25409968	80311	80	0.284009	0.015959	25329374	25329943	25409763	25410177
19 NA18563	[2515685 chr1	1	25434181	25439981	5801	14	0.307941	0.038904	25433990	25434373	25438920	25441047
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27 NA18563	[2515685 chr1	1	108444641	108449550	4910	9	-1.545003	0.067044	108443817	108445466	108449224	108449877
28 NA18563	[2515685 chr1	1	109936541	109969406	32866	36	0.356414	0.024211	109935803	109937279	109969060	109969757
29 NA18563	[2515685 chr1	1	112405902	112416691	10790	10	0.530471	0.049676	112405415	112406389	112416423	112416967

30 NA18563	[2515685 chr1	1	120263820	120340323	76504	123	0.270178	0.012771	120263381	120264260	120339896	12034075
31 NA18563	[2515685 chr1	1	141384808	141390308	5501	7	0.338432	0.053814	120962965	141388076	141390261	14139035
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36 NA18563	[2515685 chr1	1	145044635	145045386	752	2	0.680405	0.093343	145044092	145045178	145045179	14504559
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44 NA18563	[2515685 chr1	1	146389389	146392019	2631	6	0.491537	0.055912	146389385	146389393	146391724	14639231
45 NA18563	[2515685 chr1	1	146458878	146475780	16903	13	0.262267	0.035892	146457879	146459877	146473762	14647779
46 NA18563	[2515685 chr1	1	148998878	149005918	7041	13	0.500337	0.035124	148998401	148999355	149004680	14900715
47 NA18563	[2515685 chr1	1	149368571	149384391	15821	2	-0.811024	0.101421	149368105	149369038	149383444	14938533
48 NA18563	[2515685 chr1	1	149385742	149399435	13694	19	-2.106852	0.053462	149385339	149386145	149399080	14939979
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54 NA18563	[2515685 chr1	1	218762650	218771442	8793	8	0.311761	0.052927	218762212	218763089	218771135	21877175
55 NA18563	[2515685 chr1	1	236719047	236720968	1922	3	-0.859261	0.087653	236718751	236719344	236720749	23672118
56 NA18563	[2515685 chr1	1	243009520	243011368	1849	3	-0.627947	0.084803	243008430	243010610	243011204	24301153
57 NA18563	[2515685 chr1	1	244872415	244874098	1684	5	-1.455134	0.084038	244872245	244872585	244873799	24487439
58 NA18563	[2515685 chr2	2	304892	846710	541819	530	0.443325	0.006364	304425	305360	846457	846963
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86 NA18563	[2515685 chr2	2	153495553	153499409	3857	2	0.684912	0.119784	153484545	153498503	153498846	15349997
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115 NA18563	[2515685 chr4	4	70206173	70442319	236147	234	0.28529	0.009742	70205193	70207154	70442003	7044263
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124 NA18563	[2515685 chr4	4	162217911	162289219	71309	70	0.959695	0.018992	162216641	162219182	162288939	16228949
125 NA18563	[2515685 chr4	4	162312826	162317203	4378	3	0.725677	0.095645	162312706	162312947	162314138	16232117
126 NA18563	[2515685 chr4	4	162807723	162809269	1547	2	-3.389252	0.190116	162807204	162808243	162808734	16280980
127 NA18563	[2515685 chr4	4	169184442	169368370	183929	162	0.771187	0.012251	169184090	169184794	169366713	16937002
128 NA18563	[2515685 chr4	4	173799832	173807320	7489	6	-2.783445	0.126862	173799464	173800201	173804255	17381134
129 NA18563	[2515685 chr4	4	185533276	185544849	11574	12	0.7809	0.045847	185532696	185533857	185543276	18554642
130 NA18563	[2515685 chr4	4	187728494	187732907	4414	15	2.358661	0.056962	187728193	187728795	187732541	18773327
131 NA18563	[2515685 chr4	4	188255523	188269680	14158	235	0.445928	0.008757	188255215	188255831	188269403	18826995
132 NA18563	[2515685 chr4	4	189123029	189390668	267640	3	-0.673107	0.093687	189020755	189126094	189387603	18943972
133 NA18563	[2515685 chr4	4	190528602	190533163	4562	21	-2.512786	0.045338	190528058	190529146	190531664	19053466
134 NA18563	[2515685 chr5	5	261631	263283	1653	9	0.330107	0.052779	261032	262230	262766	263801
135 NA18563	[2515685 chr5	5	520743	521684	942	5	0.556197	0.074637	520428	521059	521427	521942
136 NA18563	[2515685 chr5	5	809400	819444	10045	12	0.348854	0.045829	808803	809997	819065	819824
137 NA18563	[2515685 chr5	5	1075284	1079920	4637	24	0.586163	0.027829	1074709	1075859	1079566	108027
138 NA18563	[2515685 chr5	5	1122995	1126517	3523	38	0.27884	0.020095	1122772	1123219	1126389	112664
139 NA18563	[2515685 chr5	5	1231558	1233247	1690	2	-0.895698	0.101293	1231167	1231949	1232879	123361

140 NA18563	[2515685 chr5	5	15363452	15364473	1022	2	-0.483979	0.094823	15363087	15363818	15364277	15364665
141 NA18563	[2515685 chr5	5	17570617	17643104	72488	331	-0.332448	0.006819	17570551	17570684	17642455	17643755
142 NA18563	[2515685 chr5	5	17663728	17667407	3680	8	-0.272208	0.046555	17663473	17663984	17667174	17667664
143 NA18563	[2515685 chr5	5	19410747	19412172	1426	3	0.775915	0.08565	19410189	19411305	19411980	19412361
144 NA18563	[2515685 chr5	5	21483394	21488147	4754	4	-0.734768	0.072458	21480817	21485972	21487855	21488435
145 NA18563	[2515685 chr5	5	26829433	26837938	8506	7	0.68734	0.064374	26829009	26829858	26837469	26838401
146 NA18563	[2515685 chr5	5	68865200	68886836	21637	45	0.402722	0.022624	68864770	68865630	68886492	68887181
147 NA18563	[2515685 chr5	5	69358940	69373776	14837	18	0.43036	0.01715	69358540	69359340	69372957	69374591
148 NA18563	[2515685 chr5	5	69383899	69411352	27454	28	0.43036	0.01715	69381359	69386439	69410702	69412001
149 NA18563	[2515685 chr5	5	69461984	69514569	52586	114	0.269396	0.011748	69461714	69462255	69513457	6951568
150 NA18563	[2515685 chr5	5	70234358	70286789	52432	51	0.43136	0.017158	70233958	70234758	70286122	70287451
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152 NA18563	[2515685 chr5	5	70459489	70514955	55467	111	0.259557	0.011832	70459389	70459590	70513837	7051607
153 NA18563	[2515685 chr5	5	79982063	79984314	2252	2	-0.483041	0.094974	79981555	79982572	79983998	7998463
154 NA18563	[2515685 chr5	5	79992681	79999566	6886	7	0.309479	0.060651	79992202	79993161	79998428	80000701
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158 NA18563	[2515685 chr5	5	99408801	99419037	10237	14	-0.585188	0.04042	99408605	99408997	99418328	99419741
159 NA18563	[2515685 chr5	5	137835178	137844134	8957	8	0.521195	0.05625	137834745	137835611	137843310	13784495
160 NA18563	[2515685 chr5	5	140203081	140217091	14011	18	1.752548	0.053471	140202344	140203819	140216552	14021763
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162 NA18563	[2515685 chr5	5	140534849	140540106	5258	5	0.507787	0.065997	140534700	140534999	140539007	14054120
163 NA18563	[2515685 chr5	5	150183322	150204419	21098	12	-0.615204	0.045244	150181427	150185218	150204151	15020468
164 NA18563	[2515685 chr5	5	178994494	178994971	478	2	-0.48713	0.091859	178994223	178994766	178994768	17899517
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166 NA18563	[2515685 chr5	5	180272463	180280226	7764	6	-0.337613	0.065885	180271275	180273651	180277035	18028376
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168 NA18563	[2515685 chr6	6	26847749	26869540	21792	39	0.293891	0.023859	26846249	26849250	26868432	26870641
169 NA18563	[2515685 chr6	6	29804642	29890331	85690	4	0.355707	0.068151	29800552	29808139	29889999	29890666
170 NA18563	[2515685 chr6	6	29954251	30002365	48115	41	0.466561	0.020399	29950833	29957670	30002108	30002621
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173 NA18563	[2515685 chr6	6	31346265	31354596	8332	9	0.417621	0.01796	31345931	31346599	31354203	31354991
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176 NA18563	[2515685 chr6	6	31561513	31584294	22782	27	-0.276072	0.02878	31561240	31561787	31584128	3158446
177 NA18563	[2515685 chr6	6	32557802	32558865	1064	2	0.683202	0.115277	32557647	32557958	32558698	32559031
178 NA18563	[2515685 chr6	6	32561866	32586862	24997	6	-0.55453	0.091601	32560230	32563503	32586127	32587591
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189 NA18563	[2515685 chr6	6	75615700	75616876	1177	2	-0.623163	0.114415	75615505	75615895	75616682	75617071
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208 NA18563	[2515685 chr7	7	38055826	38060182	4357	5	-0.3389	0.065074	38055479	38056174	38059633	38060731
209 NA18563	[2515685 chr7	7	43783234	43789873	6640	10	0.468133	0.04156	43782657	43783812	43789550	43790191
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217 NA18563	[2515685 chr7	7	63995985	64010720	14736	18	0.289461	0.035458	63995676	63996294	64010307	64011131
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226 NA18563	[2515685 chr7	7	92971481	92976895	5415	4	0.694169	0.085493	92971060	92971903	92975569	92978221
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243 NA18563	[2515685 chr8	8	4398	11588	7191	3	0.465913	0.088522	1752	7045	10326	12850
244 NA18563	[2515685 chr8	8	1328256	1343509	15254	45	-0.891342	0.020493	1327688	1328824	1342795	1344224
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262 NA18563	[2515685 chr8	8	58278355	58289214	10860	9	0.924299	0.044206	58277116	58279595	58288084	58290341
263 NA18563	[2515685 chr8	8	85423649	85431920	8272	7	0.909547	0.058861	85423043	85424256	85431347	85432492
264 NA18563	[2515685 chr8	8	86742169	86910255	168087	99	0.422057	0.012362	86741757	86742581	86910002	86910502
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266 NA18563	[2515685 chr9	9	53008	312573	259566	395	0.26736	0.007077	52805	53212	312407	312740
267 NA18563	[2515685 chr9	9	4517095	4522909	5815	5	-0.85176	0.071178	4516442	4517748	4520549	4556030
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269 NA18563	[2515685 chr9	9	38763857	38952823	188967	331	-0.25789	0.007906	38761896	38765818	38952514	38953132
270 NA18563	[2515685 chr9	9	39305054	39345306	40253	53	0.418792	0.016855	39304100	39306009	39345148	39345462
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272 NA18563	[2515685 chr9	9	39811790	39824227	12438	21	0.458507	0.029959	39810439	39813141	39824073	39824382
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275 NA18563	[2515685 chr9	9	40389069	40428992	39924	60	0.438565	0.016765	40387935	40390203	40428980	40429002
276 NA18563	[2515685 chr9	9	40561572	40562485	914	3	0.496704	0.065546	40561162	40561983	40562355	40562612
277 NA18563	[2515685 chr9	9	40731929	40736193	4265	5	0.544587	0.063478	40731597	40732262	40735341	40737042
278 NA18563	[2515685 chr9	9	40745481	40793368	47888	97	0.285597	0.01361	40745300	40745662	40793266	40793472
279 NA18563	[2515685 chr9	9	40887009	40928556	41548	49	0.424746	0.018053	40886852	40887167	40928274	40928832
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306 NA18563	[2515685 chr9	9	44040084	44063437	23354	17	-0.326329	0.030265	43969513	44042444	44063415	44063451
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308 NA18563	[2515685 chr9	9	44692815	44696984	4170	16	0.266188	0.033966	44692675	44692956	44696974	44696991
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311 NA18563	[2515685 chr9	9	45155016	65074908	19919893	968	0.413721	0.004583	45153297	45156736	65072548	65273241
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328 NA18563	[2515685 chr10	10	170571	172369	1799	2	0.815367	0.092958	170341	170801	171237	173501
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330 NA18563	[2515685 chr10	10	19788068	19790461	2394	3	-0.446647	0.07598	19787726	19788411	19789952	19790971
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347 NA18563	[2515685 chr10	10	56117212	56139275	22064	20	-0.914908	0.034564	56115764	56118661	56138931	56139611
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357 NA18563	[2515685 chr10	10	124329002	124345789	16788	17	-0.286983	0.032202	124328905	124329099	124345154	124346421
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359 NA18563	[2515685 chr10	10	133579899	133584218	4320	12	-0.776324	0.042949	133579611	133580188	133583877	133584561

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361 NA18563	[2515685 chr11	11	2840307	2842410	2104	3	0.53843	0.082965	2839959	2840656	2841856	2842961
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367 NA18563	[2515685 chr11	11	48284073	48284771	699	2	0.838392	0.102516	48283862	48284285	48284572	48284971
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394 NA18563	[2515685 chr12	12	128601598	128602937	1340	2	-0.681955	0.101739	128601341	128601856	128602454	12860342
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398 NA18563	[2515685 chr12	12	130798727	130802870	4144	5	-0.808972	0.063205	130798268	130799187	130801345	13080439
399 NA18563	[2515685 chr13	13	20416271	20419264	2994	4	-0.409256	0.070352	20415724	20416818	20418566	2041996
400 NA18563	[2515685 chr13	13	33029573	33043421	13849	9	0.837914	0.055102	33000262	33034253	33042925	3304391
401 NA18563	[2515685 chr13	13	33862844	33865211	2368	2	0.665899	0.118292	33862283	33863405	33864905	3386551
402 NA18563	[2515685 chr13	13	56653890	56686136	32247	30	-0.875589	0.030005	56650401	56657380	56685381	5668689
403 NA18563	[2515685 chr13	13	69633905	69673289	39385	42	0.791713	0.024073	69633412	69634399	69672985	6967359
404 NA18563	[2515685 chr13	13	109215660	109217089	1430	5	-0.547677	0.059638	109215230	109216090	109216885	10921729
405 NA18563	[2515685 chr13	13	110502383	110503129	747	3	-0.90309	0.09967	110502225	110502541	110502890	11050336
406 NA18563	[2515685 chr13	13	113078057	113086818	8762	4	0.475367	0.074448	113077224	113078890	113082138	11309434
407 NA18563	[2515685 chr14	14	18527136	18542743	15608	7	-0.718457	0.05747	18526373	18527899	18541619	1854386
408 NA18563	[2515685 chr14	14	18824481	18851276	26796	41	0.262998	0.021784	18824140	18824823	18850824	1885172
409 NA18563	[2515685 chr14	14	19195978	19197014	1037	2	0.425627	0.08249	19195970	19195986	19196533	19197491
410 NA18563	[2515685 chr14	14	19265232	19445538	180307	158	0.349765	0.010091	19261661	19268804	19445201	19445871
411 NA18563	[2515685 chr14	14	19451221	19494842	43622	48	0.349765	0.010091	19449262	19453181	19494444	1949524
412 NA18563	[2515685 chr14	14	19619357	19625484	6128	3	3.390535	0.20118	19612261	19624114	19625018	19625951
413 NA18563	[2515685 chr14	14	27286173	27399401	113229	122	0.314934	0.01297	27285651	27286696	27399142	27399661
414 NA18563	[2515685 chr14	14	32022775	32026140	3366	2	-0.726255	0.119468	32022274	32023276	32023749	3202853

415 NA18563	[2515685 chr14	14	45143416	45144329	914	2	0.622006	0.117721	45143199	45143634	45144095	4514456-
416 NA18563	[2515685 chr14	14	73052083	73053781	1699	2	-0.433311	0.083636	73051714	73052452	73052927	7305463i
417 NA18563	[2515685 chr14	14	73070288	73084642	14355	16	-0.439568	0.042437	73068747	73071829	73083193	7308609;
418 NA18563	[2515685 chr14	14	73106064	73110687	4624	3	0.684455	0.083132	73105752	73106376	73110054	7311132i
419 NA18563	[2515685 chr14	14	77193994	77195545	1552	2	0.62939	0.099969	77193776	77194213	77194710	7719638i
420 NA18563	[2515685 chr15	15	18543517	18565376	21860	25	-0.254134	0.025127	18539578	18545819	18563074	1857240;
421 NA18563	[2515685 chr15	15	19463903	19466745	2843	3	0.654085	0.083489	19462767	19465039	19466696	1946679-
422 NA18563	[2515685 chr15	15	19761205	20094950	333746	342	0.261374	0.00774	19663241	19763507	20092648	2019778;
423 NA18563	[2515685 chr15	15	21606753	21614600	7848	7	0.780453	0.062811	21606459	21607047	21612298	2163669!
424 NA18563	[2515685 chr15	15	24986053	24992250	6198	7	0.813507	0.06126	24985426	24986680	24991680	2499282i
425 NA18563	[2515685 chr15	15	32504316	32592621	88306	75	0.479131	0.017703	32503998	32504634	32592260	3259298;
426 NA18563	[2515685 chr15	15	43106834	43111174	4341	5	0.452087	0.063366	43106498	43107171	43111071	4311127;
427 NA18563	[2515685 chr15	15	47556589	47568968	12380	10	0.460815	0.046032	47521727	47558891	47566666	4759675;
428 NA18563	[2515685 chr15	15	74671388	74678877	7490	2	-1.574263	0.140221	74671122	74671654	74678381	7467937;
429 NA18563	[2515685 chr15	15	74678877	74682820	3944	7	-3.774016	0.13393	74678381	74679373	74680518	7468951!
430 NA18563	[2515685 chr15	15	75117585	75119946	2362	4	-1.700283	0.104854	75117343	75117827	75119741	7512015;
431 NA18563	[2515685 chr15	15	82333041	82335194	2154	2	-0.645364	0.104785	82332284	82333799	82334729	8233566i
432 NA18563	[2515685 chr15	15	100109640	100122682	13043	98	0.498789	0.011812	100108905	100110376	100122315	10012305!
433 NA18563	[2515685 chr16	16	4950390	4953612	3223	2	-0.572149	0.109017	4949933	4950847	4952948	495427i
434 NA18563	[2515685 chr16	16	12550392	12553526	3135	3	-0.435195	0.082408	12549915	12550869	12552957	1255409!
435 NA18563	[2515685 chr16	16	21321436	21323686	2251	13	0.366322	0.032328	21321333	21321540	21323533	2132383!
436 NA18563	[2515685 chr16	16	21469971	21495392	25422	27	0.294185	0.027231	21469490	21470452	21493511	2150110!
437 NA18563	[2515685 chr16	16	21753870	21756137	2268	15	0.371401	0.029645	21753767	21753974	21755984	2175629i
438 NA18563	[2515685 chr16	16	22452875	22454874	2000	13	0.37082	0.031899	22452722	22453028	22454771	2245497!
439 NA18563	[2515685 chr16	16	22499397	22618743	119347	106	0.282019	0.013662	22499008	22499786	22617181	2262030i
440 NA18563	[2515685 chr16	16	28324617	28335549	10933	10	0.279596	0.04615	28324569	28324665	28334190	2833690!
441 NA18563	[2515685 chr16	16	28617225	28628077	10853	11	0.276586	0.044451	28615757	28618694	28627777	2862837;
442 NA18563	[2515685 chr16	16	29300574	29302684	2111	11	0.366015	0.034994	29300408	29300741	29302391	2930297;
443 NA18563	[2515685 chr16	16	29402841	29404254	1414	9	0.367615	0.038206	29402738	29402945	29404073	2940443i
444 NA18563	[2515685 chr16	16	30142181	30144224	2044	14	0.370315	0.030528	30142078	30142285	30144043	3014440i
445 NA18563	[2515685 chr16	16	32159898	32160377	480	2	-1.512428	0.097512	32159453	32160343	32160346	3216040!
446 NA18563	[2515685 chr16	16	32606692	32607163	472	2	-1.512484	0.097514	32606661	32606724	32606727	3260759!
447 NA18563	[2515685 chr16	16	33100875	33101346	472	2	-1.512428	0.097512	33100438	33101312	33101315	3310137;
448 NA18563	[2515685 chr16	16	33157406	33157879	474	2	-1.512428	0.097512	33156967	33157845	33157848	3315791i
449 NA18563	[2515685 chr16	16	34315495	34606125	290631	324	-0.453764	0.008219	34314428	34316562	34605058	3460719;
450 NA18563	[2515685 chr16	16	54353377	54362962	9586	11	-0.408437	0.047107	54353335	54353419	54362223	5436370;
451 NA18563	[2515685 chr16	16	54365075	54369383	4309	6	-0.767074	0.056194	54364721	54365430	54368899	5436986i
452 NA18563	[2515685 chr16	16	54374082	54380125	6044	5	-0.368052	0.0645	54373313	54374852	54379862	5438038i
453 NA18563	[2515685 chr16	16	54401577	54403491	1915	2	0.633266	0.111799	54401078	54402076	54402534	5440444i
454 NA18563	[2515685 chr16	16	57204541	57207585	3045	3	4.497713	0.188014	57204170	57204913	57206938	5720823;
455 NA18563	[2515685 chr16	16	76930776	76942282	11507	9	0.539875	0.047668	76930290	76931263	76941602	7694296;
456 NA18563	[2515685 chr16	16	83994929	84005017	10089	82	-0.320961	0.014177	83994558	83995300	84004576	8400545!
457 NA18563	[2515685 chr16	16	84562720	84565235	2516	11	0.772278	0.04755	84561685	84563756	84565142	8456532!
458 NA18563	[2515685 chr16	16	86669849	86672366	2518	2	-0.600424	0.091612	86669288	86670411	86671217	8667351!
459 NA18563	[2515685 chr16	16	88710329	88712266	1938	10	-0.446243	0.05129	88710203	88710456	88712200	8871233;
460 NA18563	[2515685 chr16	16	88807706	88815307	7602	4	0.420666	0.07013	88794450	88809587	88813426	8881918!
461 NA18563	[2515685 chr17	17	911980	915554	3575	4	-0.644998	0.076171	911452	912508	915413	91569i
462 NA18563	[2515685 chr17	17	966845	969578	2734	21	0.642953	0.034861	966537	967154	969378	969775!
463 NA18563	[2515685 chr17	17	13561692	13563867	2176	2	-0.622763	0.114047	13560483	13562902	13563387	1356434!
464 NA18563	[2515685 chr17	17	16657271	16665630	8360	13	-0.255056	0.041979	16657056	16657486	16665353	1666590!
465 NA18563	[2515685 chr17	17	18331739	18332345	607	2	-0.712889	0.098653	18331509	18331970	18331978	1833271;
466 NA18563	[2515685 chr17	17	18894634	19081415	186782	329	0.297967	0.007217	18894532	18894736	19081054	1908177i
467 NA18563	[2515685 chr17	17	20299935	20300531	597	2	-0.712889	0.098653	20299568	20300303	20300311	2030075;
468 NA18563	[2515685 chr17	17	21942186	21955530	13345	22	-0.371235	0.03042	21941754	21942618	21955191	2195586!
469 NA18563	[2515685 chr17	17	25980390	25988231	7842	3	0.382747	0.073015	25977528	25982589	25986032	2599248i

470 NA18563	[2515685 chr17	17	31430406	31469200	38795	55	0.354712	0.00512	31429658	31431155	31468924	31469477
471 NA18563	[2515685 chr17	17	31505929	31889223	383295	554	0.354712	0.00512	31505824	31506035	31888786	3188966
472 NA18563	[2515685 chr17	17	32829500	32833231	3732	5	0.692766	0.073895	32828825	32830175	32832670	3283379
473 NA18563	[2515685 chr17	17	33324385	33356043	31659	36	0.332524	0.021559	33323841	33324930	33355781	3335630
474 NA18563	[2515685 chr17	17	33423761	33430790	7030	11	-0.423761	0.041568	33422990	33424532	33428591	3352929
475 NA18563	[2515685 chr17	17	33555392	33586158	30767	31	0.340105	0.022272	33555169	33555615	33586040	3358627
476 NA18563	[2515685 chr17	17	33654387	33659558	5172	12	-0.445281	0.041367	33653601	33655173	33658997	3366011
477 NA18563	[2515685 chr17	17	40945023	40954310	9288	12	0.487531	0.036568	40944314	40945733	40953936	4095468
478 NA18563	[2515685 chr17	17	41006614	41017119	10506	13	-0.344034	0.041157	41006215	41007013	41016872	4101736
479 NA18563	[2515685 chr17	17	41741357	42137409	396053	441	0.431968	0.005985	41740846	41741868	42135210	4214194
480 NA18563	[2515685 chr17	17	42447536	42487040	39505	67	0.257055	0.016557	42447059	42448014	42486638	4248744
481 NA18563	[2515685 chr17	17	42970703	42975972	5270	11	-0.410678	0.043444	42970185	42971221	42975162	4297678
482 NA18563	[2515685 chr17	17	54718891	54720406	1516	2	-0.946345	0.124582	54718493	54719289	54719841	5472097
483 NA18563	[2515685 chr17	17	60282906	60309866	26961	36	0.328176	0.022974	60282477	60283336	60309366	6031036
484 NA18563	[2515685 chr17	17	75703594	75706115	2522	2	0.734856	0.117938	75702449	75704739	75705816	7570641
485 NA18563	[2515685 chr18	18	9805250	9806206	957	2	-2.303393	0.149946	9804637	9805863	9806038	980637
486 NA18563	[2515685 chr18	18	14582609	14599044	16436	17	-0.339705	0.035948	14580818	14584401	14598736	1459935
487 NA18563	[2515685 chr18	18	14858998	14885659	26662	38	0.346085	0.022409	14858404	14859593	14884378	1488694
488 NA18563	[2515685 chr18	18	15359177	15375873	16697	16	0.336078	0.036127	15356606	15361749	15371295	1679891
489 NA18563	[2515685 chr18	18	28142218	28143399	1182	2	0.725757	0.11955	28141854	28142583	28143055	2814374
490 NA18563	[2515685 chr18	18	36514289	36521090	6802	6	-0.83978	0.063091	36513759	36514820	36520512	3652166
491 NA18563	[2515685 chr18	18	46430359	46515928	85570	2	-0.526827	0.082536	46312475	46314937	46511350	4670283
492 NA18563	[2515685 chr18	18	61917747	61920171	2425	4	2.53833	0.126176	61917522	61917973	61919646	6192069
493 NA18563	[2515685 chr18	18	64896052	64906913	10862	12	-0.796603	0.045718	64894789	64897315	64906598	6490722
494 NA18563	[2515685 chr18	18	74229522	74234275	4754	32	-0.42368	0.020539	74229210	74229835	74234139	7423441
495 NA18563	[2515685 chr18	18	74373005	74376367	3363	7	0.482863	0.044522	74372064	74373947	74375833	7437690
496 NA18563	[2515685 chr18	18	74392800	74397377	4578	3	0.870461	0.096866	74390826	74394774	74396965	7439779
497 NA18563	[2515685 chr19	19	310414	312953	2540	14	-0.35408	0.037614	309687	311142	312913	31299
498 NA18563	[2515685 chr19	19	1200296	1203116	2821	4	0.376438	0.074947	1199725	1200868	1202847	120338
499 NA18563	[2515685 chr19	19	8707491	8760468	52978	90	0.304163	0.012583	8706686	8708296	8760209	876072
500 NA18563	[2515685 chr19	19	23007905	23013841	5937	6	0.835014	0.067576	22990964	23010431	23013525	2301415
501 NA18563	[2515685 chr19	19	23108259	23109446	1188	2	0.779727	0.1061	23107903	23108615	23108879	2311001
502 NA18563	[2515685 chr19	19	24146401	24146489	89	2	-0.892025	0.102309	24146390	24146412	24146475	2414650
503 NA18563	[2515685 chr19	19	39419837	39421349	1513	3	0.475838	0.094704	39419616	39420059	39421018	3942168
504 NA18563	[2515685 chr19	19	40413384	40416276	2893	3	-0.62067	0.075661	40412021	40414747	40415819	4041673
505 NA18563	[2515685 chr19	19	40540866	40541878	1013	3	-0.428916	0.080964	40540646	40541086	40541551	4054220
506 NA18563	[2515685 chr19	19	40543556	40554347	10792	9	-0.503287	0.050128	40543292	40543821	40554020	4055467
507 NA18563	[2515685 chr19	19	41450188	41493611	43424	28	0.425215	0.025079	41421528	41452714	41491085	4149785
508 NA18563	[2515685 chr19	19	42450474	42487512	37039	33	0.40786	0.022288	42413600	42453000	42486487	4248853
509 NA18563	[2515685 chr19	19	53100142	53151974	51833	98	-0.327987	0.011974	53098980	53101305	53151638	5315231
510 NA18563	[2515685 chr19	19	55285877	55336157	50281	104	-0.318825	0.011544	55285730	55286025	55335244	5533707
511 NA18563	[2515685 chr19	19	56788987	56795867	6881	7	0.293466	0.055621	56788678	56789297	56795672	5679606
512 NA18563	[2515685 chr19	19	56824422	56827216	2795	5	-0.61796	0.065755	56824136	56824709	56826331	5682810
513 NA18563	[2515685 chr19	19	56827216	56836311	9096	7	-3.194159	0.098698	56826331	56828101	56834905	5683771
514 NA18563	[2515685 chr19	19	56836311	56839030	2720	3	-0.46533	0.076332	56834905	56837718	56838811	5683924
515 NA18563	[2515685 chr19	19	56839030	56840752	1723	3	-1.636662	0.11202	56838811	56839249	56840372	5684113
516 NA18563	[2515685 chr19	19	56840752	56841964	1213	3	-0.515547	0.077892	56840372	56841133	56841608	5684232
517 NA18563	[2515685 chr19	19	58210435	58244458	34024	26	-0.729979	0.030097	58209863	58211007	58243893	5824502
518 NA18563	[2515685 chr19	19	59247755	59252061	4307	5	0.780056	0.070112	59246427	59249084	59251854	5925226
519 NA18563	[2515685 chr19	19	60958920	60976029	17110	15	-0.777071	0.039377	60957933	60959907	60975748	6097631
520 NA18563	[2515685 chr20	20	1511097	1532477	21381	26	0.723173	0.030962	1510534	1511660	1532182	153277
521 NA18563	[2515685 chr20	20	9116767	9118858	2092	3	-0.616608	0.096143	9116195	9117339	9118086	911963
522 NA18563	[2515685 chr20	20	15249645	15251805	2161	2	-0.842073	0.105815	15249381	15249909	15251287	1525232
523 NA18563	[2515685 chr20	20	25714111	25734783	20673	28	-0.329976	0.027087	25713986	25714237	25734531	2573503
524 NA18563	[2515685 chr20	20	25768296	25774048	5753	8	-0.359987	0.052602	25768259	25768333	25773787	2577431

525 NA18563	[2515685 chr20	20	25978392	25999063	20672	28	-0.329977	0.027087	25978140	25978644	25998938	2599918:
526 NA18563	[2515685 chr20	20	28142178	28145341	3164	5	0.409778	0.069452	28141812	28142544	28145025	2814565:
527 NA18563	[2515685 chr20	20	36441418	36448533	7116	5	-0.862534	0.073773	36439555	36443282	36446786	3645028:
528 NA18563	[2515685 chr20	20	59951513	59957050	5538	18	0.308413	0.031162	59950681	59952345	59956538	5995756:
529 NA18563	[2515685 chr20	20	59979365	59980324	960	3	0.528772	0.096797	59979109	59979622	59979994	5998065:
530 NA18563	[2515685 chr20	20	62066380	62068214	1835	8	1.690421	0.061379	62066146	62066615	62067671	6206875:
531 NA18563	[2515685 chr20	20	62233505	62235897	2393	4	-0.346122	0.056765	62232847	62234163	62235101	6223669:
532 NA18563	[2515685 chr21	21	9879630	9969325	89696	11	0.255332	0.043331	9874204	9885055	9963900	997532:
533 NA18563	[2515685 chr21	21	10175806	10200085	24280	18	-0.4003	0.034023	10175546	10176067	10198728	1020144:
534 NA18563	[2515685 chr21	21	13637687	13664741	27055	42	0.324233	0.021595	13636612	13638763	13663958	1366552:
535 NA18563	[2515685 chr21	21	13843830	13856946	13117	9	-0.264628	0.051799	13843534	13844127	13856729	1385716:
536 NA18563	[2515685 chr21	21	22576580	22586733	10154	10	-3.477969	0.100235	22576051	22577109	22586474	2258699:
537 NA18563	[2515685 chr21	21	46881149	46882858	1710	4	0.361529	0.067425	46880965	46881333	46882659	4688305:
538 NA18563	[2515685 chr22	22	14441689	14469426	27738	39	0.2531	0.022296	14441234	14442144	14469260	1446959:
539 NA18563	[2515685 chr22	22	14768390	14769425	1036	2	0.425626	0.08249	14768382	14768398	14768944	1476990:
540 NA18563	[2515685 chr22	22	17032140	17129692	97553	147	-0.325438	0.011342	17031480	17032801	17129458	1712992:
541 NA18563	[2515685 chr22	22	17225881	17226485	605	2	-0.703838	0.087796	17225668	17226094	17226302	1722666:
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45 NA19144	[2515685 chr2	2	34606298	34644911	38614	38	0.779933	0.025216	34601818	34609397	34641812	34648397
46 NA19144	[2515685 chr2	2	52661573	52696869	35297	26	-0.820755	0.030788	52661218	52661928	52696416	52697327

47 NA19144	[2515685 chr2	2	56563478	56567381	3904	2	3.625232	0.199782	56556559	56566577	56567035	56567721
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78 NA19144	[2515685 chr2	2	240700660	240702469	1810	2	-0.523174	0.093561	240700238	240701082	240702135	24070280
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89 NA19144	[2515685 chr3	3	109186593	109189513	2921	3	-0.630949	0.086896	109185785	109187401	109189157	10918986
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91 NA19144	[2515685 chr3	3	139287057	139289507	2451	3	0.739694	0.102025	139286041	139288073	139289200	13928981
92 NA19144	[2515685 chr3	3	163994592	164106273	111682	102	2.094619	0.024713	163993392	163995793	164106029	16410651
93 NA19144	[2515685 chr3	3	164200660	164204121	3462	4	-4.527185	0.198834	164200187	164201133	164203568	16420467
94 NA19144	[2515685 chr3	3	187989840	187992508	2669	3	-0.753449	0.095307	187989021	187990660	187992275	18799274
95 NA19144	[2515685 chr3	3	192547312	192554331	7020	10	0.763621	0.051528	192546950	192547674	192554127	19255453
96 NA19144	[2515685 chr3	3	194357854	194361639	3786	4	1.487504	0.103425	194357665	194358044	194361092	19436218
97 NA19144	[2515685 chr3	3	194362463	194368035	5573	6	3.007219	0.10961	194362187	194362739	194367817	19436825
98 NA19144	[2515685 chr3	3	196876438	196935512	59075	73	-0.309143	0.016715	196875530	196877347	196933767	19693725
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101 NA19144	[2515685 chr3	3	196995123	197002710	7588	6	0.38494	0.056757	196993591	196996656	197001535	19700388



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103 NA19144	[2515685 chr3	3	197676671	197678510	1840	3	-0.410565	0.07347	197676455	197676888	197678055	19767896
104 NA19144	[2515685 chr3	3	198422794	198427408	4615	2	0.83186	0.125735	198422381	198423207	198423959	19843085
105 NA19144	[2515685 chr3	3	198674426	198675470	1045	6	0.378493	0.050027	198674161	198674692	198674903	19867603
106 NA19144	[2515685 chr3	3	198795901	198801656	5756	5	-0.693748	0.068474	198795447	198796356	198799985	19880332
107 NA19144	[2515685 chr3	3	199313925	199320828	6904	14	-0.476052	0.03241	199313515	199314336	199320812	19932084
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112 NA19144	[2515685 chr4	4	9887220	9910115	22896	30	1.657062	0.039739	9886886	9887555	9909843	991038
113 NA19144	[2515685 chr4	4	11342986	11347570	4585	6	-0.825667	0.070862	11342619	11343353	11346471	1134866
114 NA19144	[2515685 chr4	4	15398208	15400310	2103	2	-0.585969	0.092686	15397612	15398805	15399770	1540085
115 NA19144	[2515685 chr4	4	21045633	21053532	7900	8	-2.820961	0.095389	21045231	21046035	21053115	2105395
116 NA19144	[2515685 chr4	4	33200574	33201715	1142	2	0.791093	0.116494	33200322	33200826	33201357	3320207
117 NA19144	[2515685 chr4	4	34174420	34175437	1018	2	-0.617265	0.11159	34174211	34174630	34175229	3417564
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119 NA19144	[2515685 chr4	4	57380811	57385462	4652	5	-0.686222	0.06932	57380085	57381537	57384913	5738601
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124 NA19144	[2515685 chr4	4	69671789	69715729	43941	48	0.538732	0.018447	69671604	69671975	69715434	6971602
125 NA19144	[2515685 chr4	4	70203549	70474479	270931	263	0.293686	0.009377	70202229	70204870	70473939	7047501
126 NA19144	[2515685 chr4	4	97116411	97177143	60733	2	-0.629489	0.105272	97114749	97118073	97173940	9731347
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128 NA19144	[2515685 chr4	4	115534073	115541546	7474	9	0.825259	0.056222	115530015	115537276	115539984	11554310
129 NA19144	[2515685 chr4	4	119480683	119487782	7100	5	-0.834043	0.068656	119473487	119483886	119487418	11948814
130 NA19144	[2515685 chr4	4	122639779	122648653	8875	6	-0.798857	0.064768	122639003	122640555	122647404	12264990
131 NA19144	[2515685 chr4	4	125304905	125305983	1079	2	0.812788	0.110826	125304587	125305732	125305732	12530623
132 NA19144	[2515685 chr4	4	132848421	132851466	3046	4	-0.838363	0.082385	132847980	132848862	132851018	13285191
133 NA19144	[2515685 chr4	4	133536055	133540723	4669	3	-2.175896	0.141883	133531398	133539258	133540462	13354098
134 NA19144	[2515685 chr4	4	138537751	138549906	12156	14	0.882635	0.046126	138537443	138538059	138547414	13855239
135 NA19144	[2515685 chr4	4	145087975	145106330	18356	12	0.438778	0.04229	145087729	145088222	145105437	14510722
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137 NA19144	[2515685 chr4	4	145298575	145361219	62645	53	-0.346057	0.020799	145298323	145298828	145360838	14536160
138 NA19144	[2515685 chr4	4	153147415	153151949	4535	5	-0.813548	0.070563	153146836	153147995	153151358	15315254
139 NA19144	[2515685 chr4	4	162578301	162579832	1532	2	-0.733604	0.112871	162577752	162578850	162579615	16258004
140 NA19144	[2515685 chr4	4	162806038	162809269	3232	3	0.697744	0.084763	162804872	162807204	162808734	16280980
141 NA19144	[2515685 chr4	4	169184442	169368370	183929	160	0.757178	0.012529	169184090	169184794	169366713	16937002
142 NA19144	[2515685 chr4	4	181510330	181513372	3043	4	-0.774528	0.080344	181509772	181510889	18151367	18151367
143 NA19144	[2515685 chr4	4	185533276	185544436	11161	10	0.884323	0.051018	185532696	185533857	185542450	18554642
144 NA19144	[2515685 chr4	4	186816666	186819359	2694	4	3.36373	0.15025	186816420	186816912	186819049	18681967
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146 NA19144	[2515685 chr4	4	190528602	190533163	4562	21	-2.557854	0.043707	190528058	190529146	190531664	19053466
147 NA19144	[2515685 chr4	4	190845771	191059687	213917	191	0.356863	0.01055	190845056	190846486	191059242	19106013
148 NA19144	[2515685 chr5	5	153687	155672	1986	3	0.547191	0.083387	153444	153930	155274	156071
149 NA19144	[2515685 chr5	5	263283	290589	27307	37	-0.339069	0.024334	262766	263801	290311	290867
150 NA19144	[2515685 chr5	5	682536	686746	4211	16	-0.284986	0.035949	682483	682590	686331	687162
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159 NA19144	[2515685 chr5	5	26831997	26835654	3658	3	-2.248054	0.139447	26829858	26834136	26835377	2683593-
160 NA19144	[2515685 chr5	5	26836459	26837938	1480	2	-1.451056	0.200268	26835932	26836987	26837469	2683840-
161 NA19144	[2515685 chr5	5	34244167	34244789	623	2	-0.655889	0.086166	34244105	34244230	34244564	3424501-
162 NA19144	[2515685 chr5	5	68865200	68886836	21637	42	0.666222	0.02413	68864770	68865630	68886492	6888718-
163 NA19144	[2515685 chr5	5	68992108	68994317	2210	8	-0.315279	0.038909	68991974	68992242	68993992	6899464-
164 NA19144	[2515685 chr5	5	69320113	69447482	127370	134	0.274085	0.010177	69319633	69320593	69446320	6944864-
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166 NA19144	[2515685 chr5	5	70195200	70315647	120448	114	0.291732	0.010876	70194720	70195680	70315431	7031586-
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170 NA19144	[2515685 chr5	5	93928460	93933101	4642	4	-0.502663	0.077083	93927706	93929215	93931984	9393421-
171 NA19144	[2515685 chr5	5	97427204	97428353	1150	2	-3.407395	0.206973	97426913	97427496	97428177	9742852-
172 NA19144	[2515685 chr5	5	99409393	99419037	9645	13	-0.72361	0.042451	99408997	99409789	99418328	9941974-
173 NA19144	[2515685 chr5	5	100776217	100777180	964	2	-0.494434	0.094289	100775951	100776484	100776791	10077756-
174 NA19144	[2515685 chr5	5	137835848	137844134	8287	6	0.493667	0.055361	137835611	137836085	137843310	13784495-
175 NA19144	[2515685 chr5	5	140203081	140217091	14011	17	2.30685	0.059362	140202344	140203819	140216552	14021763-
176 NA19144	[2515685 chr5	5	140217091	140218928	1838	2	1.082737	0.120004	140216552	140217631	140218508	14021934-
177 NA19144	[2515685 chr5	5	150183322	150204419	21098	11	-0.665402	0.04759	150181427	150185218	150204151	15020468-
178 NA19144	[2515685 chr5	5	151495251	151499062	3812	6	-0.605615	0.069157	151494886	151495617	151498563	15149956-
179 NA19144	[2515685 chr5	5	175392637	175396761	4125	6	-0.468413	0.062352	175392088	175393187	175393522	17540000-
180 NA19144	[2515685 chr5	5	180308895	180363417	54523	52	0.470429	0.021176	180308688	180309103	180363120	18036371-
181 NA19144	[2515685 chr6	6	3163	21917	18755	6	0.4251	0.059371	6325	6325	21741	22093
182 NA19144	[2515685 chr6	6	201823	327656	125834	118	0.331391	0.013246	201415	202232	326993	328320
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184 NA19144	[2515685 chr6	6	26990378	26991069	692	2	-0.61671	0.088245	26989956	26990800	26990902	2699123-
185 NA19144	[2515685 chr6	6	26998313	26998863	551	3	-0.539875	0.066435	26998089	26998537	26998633	2699909-
186 NA19144	[2515685 chr6	6	29954251	30017868	63618	44	0.4879	0.02287	29950833	29957670	30017587	3001814-
187 NA19144	[2515685 chr6	6	30017868	30020251	2384	2	-0.573682	0.099636	30017587	30018149	30019707	3002079-
188 NA19144	[2515685 chr6	6	31158178	31160444	2267	2	0.685819	0.115282	31157997	31158360	31160125	3116076-
189 NA19144	[2515685 chr6	6	31438770	31442860	4091	6	-0.325801	0.05515	31438396	31439144	31442341	3144337-
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198 NA19144	[2515685 chr6	6	32653862	32655482	1621	3	1.44567	0.123089	32653679	32654046	32654980	3265598-
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200 NA19144	[2515685 chr6	6	32699514	32701919	2406	4	-0.591159	0.073325	32699364	32699664	32701553	3270228-
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203 NA19144	[2515685 chr6	6	35860874	35874426	13553	12	0.43206	0.041076	35858613	35863136	35873957	3587489-
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205 NA19144	[2515685 chr6	6	54036900	54042384	5485	5	3.392318	0.130051	54036573	54037227	54041771	5404299-
206 NA19144	[2515685 chr6	6	74648985	74658754	9770	11	-0.779357	0.046714	74648748	74649222	74655247	7466226-
207 NA19144	[2515685 chr6	6	77496676	77513673	16998	11	0.723327	0.04945	77496500	77496853	77510011	7751769-
208 NA19144	[2515685 chr6	6	79023318	79093263	69946	65	0.797509	0.01936	79022028	79024609	79091909	7909461-
209 NA19144	[2515685 chr6	6	102041093	102046055	4963	6	-0.736912	0.066129	102040642	102041544	102045198	10204691-
210 NA19144	[2515685 chr6	6	103844437	103871201	26765	17	2.129755	0.062618	103843851	103845023	103868241	10387416-
211 NA19144	[2515685 chr6	6	115446833	115450846	4014	3	-0.542273	0.091793	115446601	115447066	115450464	11545122-

212 NA19144	[2515685 chr6	6	120671191	120671916	726	2	0.854649	0.105345	120670696	120671686	120671725	12067210
213 NA19144	[2515685 chr6	6	168451982	168456762	4781	4	-0.876625	0.078934	168451353	168452611	168456200	16845732
214 NA19144	[2515685 chr6	6	170603879	170604666	788	2	-1.418022	0.109764	170603541	170604217	170604339	17060499
215 NA19144	[2515685 chr7	7	3384111	3392633	8523	8	0.845663	0.056965	3383451	3384772	3390107	339561!
216 NA19144	[2515685 chr7	7	6524036	6536096	12061	10	0.284538	0.044968	6522526	6525547	6535612	653658(
217 NA19144	[2515685 chr7	7	9609798	9614275	4478	3	0.523881	0.095702	9609495	9610102	9613135	961541!
218 NA19144	[2515685 chr7	7	12288251	12337678	49428	47	0.507391	0.021948	12287700	12288802	12337381	1233797!
219 NA19144	[2515685 chr7	7	38144397	38146243	1847	2	-0.560075	0.105257	38144086	38144708	38145734	3814675!
220 NA19144	[2515685 chr7	7	38154080	38178711	24632	28	-0.309483	0.027366	38153653	38154508	38177987	3817943!
221 NA19144	[2515685 chr7	7	43774540	43856045	81506	79	0.509114	0.014716	43774344	43774737	43853730	4385836!
222 NA19144	[2515685 chr7	7	56535903	56544240	8338	2	-2.478668	0.168805	56475495	56538429	56542365	5654611!
223 NA19144	[2515685 chr7	7	56652639	56670853	18215	13	0.415685	0.033602	56652228	56653051	56670516	5667119!
224 NA19144	[2515685 chr7	7	62652667	62670289	17623	8	0.393905	0.037265	62650114	62655193	62667763	6267326!
225 NA19144	[2515685 chr7	7	62685608	62696554	10947	2	0.568596	0.112176	62685051	62686165	62694028	6270061!
226 NA19144	[2515685 chr7	7	63995985	64010720	14736	15	0.291794	0.03795	63995676	63996294	64010307	6401113!
227 NA19144	[2515685 chr7	7	64035826	64045487	9662	27	-0.273567	0.027601	64035788	64035864	64045069	6404590!
228 NA19144	[2515685 chr7	7	64053836	64079765	25930	39	-0.313615	0.019999	64053642	64054030	64078845	6408068!
229 NA19144	[2515685 chr7	7	64429730	64455723	25994	39	-0.316038	0.019968	64428756	64430705	64455526	6445592!
230 NA19144	[2515685 chr7	7	64565045	64590991	25947	42	-0.312449	0.019361	64564855	64565236	64590084	6459189!
231 NA19144	[2515685 chr7	7	64690171	64725545	35375	35	0.352758	0.024209	64689761	64690582	64725209	6472588!
232 NA19144	[2515685 chr7	7	66185522	66204392	18871	28	0.308828	0.022367	66184873	66186172	66203966	6620481!
233 NA19144	[2515685 chr7	7	69866390	69869623	3234	4	0.662297	0.077488	69865412	69867368	69869269	6986997!
234 NA19144	[2515685 chr7	7	69869623	69871056	1434	2	3.367682	0.182337	69869269	69869978	69870420	6987169!
235 NA19144	[2515685 chr7	7	71771540	71788013	16474	26	0.312908	0.024436	71770949	71772131	71787589	7178843!
236 NA19144	[2515685 chr7	7	71934037	71936676	2640	4	0.468135	0.0527	71932902	71935172	71936173	7193717!
237 NA19144	[2515685 chr7	7	71962099	71964738	2640	4	0.468135	0.0527	71960964	71963234	71964235	7196524!
238 NA19144	[2515685 chr7	7	73763183	73772668	9486	12	0.317377	0.031842	73761028	73765339	73772507	7377282!
239 NA19144	[2515685 chr7	7	74138782	74152026	13245	24	0.301697	0.022457	74137741	74139824	74151075	7415297!
240 NA19144	[2515685 chr7	7	74561169	74564087	2919	5	0.463858	0.047137	74560944	74561394	74562951	7456522!
241 NA19144	[2515685 chr7	7	74589192	74592109	2918	5	0.463858	0.047137	74588967	74589417	74590974	7459324!
242 NA19144	[2515685 chr7	7	74617211	74620129	2919	5	0.463858	0.047137	74616986	74617436	74618993	7462126!
243 NA19144	[2515685 chr7	7	74765693	74781906	16214	25	0.329569	0.024767	74765043	74766343	74781415	7478239!
244 NA19144	[2515685 chr7	7	75803234	75817822	14589	26	0.341515	0.023062	75801169	75805299	75817169	7581847!
245 NA19144	[2515685 chr7	7	76173835	76175943	2109	2	0.573113	0.103914	76173564	76174106	76174852	7617703!
246 NA19144	[2515685 chr7	7	76295407	76298329	2923	6	0.461102	0.047364	76294268	76296547	76298105	7629855!
247 NA19144	[2515685 chr7	7	89455601	89456632	1032	2	3.122599	0.18458	89455373	89455830	89456225	8945703!
248 NA19144	[2515685 chr7	7	92972933	92976895	3963	2	1.425784	0.133622	92972732	92973135	92975569	9297822!
249 NA19144	[2515685 chr7	7	100227583	100241218	13636	28	-0.346294	0.024894	100227176	100227991	100241009	10024142
250 NA19144	[2515685 chr7	7	101572689	101591952	19264	30	0.302542	0.022097	101571598	101573780	101591540	10159236
251 NA19144	[2515685 chr7	7	101706709	101911522	204814	194	0.545421	0.008438	101690888	101709235	101911437	10191160
252 NA19144	[2515685 chr7	7	101916549	101925433	8885	11	0.545421	0.008438	101915986	101917112	101924670	10192619
253 NA19144	[2515685 chr7	7	109034608	109048749	14142	10	2.004241	0.069381	109024063	109037134	109046953	10905054
254 NA19144	[2515685 chr7	7	110688695	110692328	3634	7	0.27317	0.052939	110688431	110688960	110692054	11069260
255 NA19144	[2515685 chr7	7	125639507	125644775	5269	6	-0.71025	0.075305	125639054	125639961	125644046	12564550
256 NA19144	[2515685 chr7	7	133243381	133245202	1822	2	0.618605	0.102565	133243008	133243755	133244207	13324619
257 NA19144	[2515685 chr7	7	133245202	133257535	12334	13	2.28359	0.067746	133244207	133246197	133255009	13326093
258 NA19144	[2515685 chr7	7	139646447	139656780	10334	9	-0.742056	0.055441	139646220	139646674	139655248	13965831
259 NA19144	[2515685 chr7	7	141495319	141505136	9818	12	-0.329055	0.039925	141494721	141495918	141504428	14150584
260 NA19144	[2515685 chr7	7	141505136	141521152	16017	18	-1.460663	0.049147	141504428	141505844	141520892	14152141
261 NA19144	[2515685 chr7	7	141521152	141526577	5426	9	-0.320811	0.043963	141520892	141521412	141526109	14152704
262 NA19144	[2515685 chr7	7	141859547	141861635	2089	3	-0.567483	0.084954	141859116	141859979	141861094	14186217
263 NA19144	[2515685 chr7	7	141962017	141993247	31231	32	-0.340436	0.026165	141961693	141962342	141992651	14199384
264 NA19144	[2515685 chr7	7	143346673	143348067	1395	5	-0.928125	0.066603	143346643	143346704	143347806	14334832
265 NA19144	[2515685 chr7	7	143472403	143473797	1395	5	-0.928133	0.066604	143472142	143472664	143473766	14347382
266 NA19144	[2515685 chr7	7	149169054	149177387	8334	10	0.261327	0.048129	149168616	149169492	149176774	14917800

267 NA19144	[2515685 chr7	7	156976112	156978464	2353	2	0.666162	0.097996	156975812	156976413	156977896	15697903
268 NA19144	[2515685 chr7	7	158617060	158624554	7495	6	0.773066	0.067282	158616763	158617357	158622028	15862708
269 NA19144	[2515685 chr8	8	1328256	1343509	15254	45	-0.423387	0.019505	1327688	1328824	1342795	1344224
270 NA19144	[2515685 chr8	8	2203520	2205691	2172	2	-0.654319	0.105939	2203382	2203659	2205441	2205942
271 NA19144	[2515685 chr8	8	3885315	3887416	2102	2	0.541253	0.101256	3885089	3885542	3886275	3888558
272 NA19144	[2515685 chr8	8	4110204	4112526	2323	2	3.769966	0.207147	4109692	4110717	4112031	4113022
273 NA19144	[2515685 chr8	8	5223782	5226887	3106	2	0.660407	0.103833	5223198	5224366	5226566	5227209
274 NA19144	[2515685 chr8	8	5582875	5595677	12803	10	0.783485	0.046136	5582615	5583135	5595203	5596152
275 NA19144	[2515685 chr8	8	5863204	5865192	1989	2	0.714157	0.103065	5862948	5863461	5864505	5865879
276 NA19144	[2515685 chr8	8	6122828	6124783	1956	2	0.67848	0.132662	6122552	6123104	6124121	6125442
277 NA19144	[2515685 chr8	8	7098713	7146048	47336	165	0.284341	0.00345	7098285	7099142	7145836	7146267
278 NA19144	[2515685 chr8	8	7175574	7187950	12377	23	0.284341	0.00345	7175104	7176045	7187698	7188202
279 NA19144	[2515685 chr8	8	7391234	7430731	39498	121	0.284341	0.00345	7391061	7391407	7430300	7431162
280 NA19144	[2515685 chr8	8	7607253	7669670	62418	209	0.284341	0.00345	7606824	7607682	7669496	7669842
281 NA19144	[2515685 chr8	8	7862281	7875014	12734	24	0.284341	0.00345	7862030	7862533	7874896	7875132
282 NA19144	[2515685 chr8	8	7903980	7928723	24744	73	0.284341	0.00345	7903568	7904392	7928292	7929152
283 NA19144	[2515685 chr8	8	12023134	12035286	12153	20	1.389638	0.039673	1202297	12023272	12034973	12035592
284 NA19144	[2515685 chr8	8	12064899	12072888	7990	22	0.484307	0.026606	12064663	12065136	12072625	12073152
285 NA19144	[2515685 chr8	8	12276602	12284041	7440	11	1.148104	0.04432	12276206	12276998	12283622	12284467
286 NA19144	[2515685 chr8	8	12314351	12322179	7829	19	0.483466	0.027927	12313944	12314759	12321906	12322452
287 NA19144	[2515685 chr8	8	14304286	14318714	14429	16	-0.770333	0.041435	14302768	14305804	14318121	14319302
288 NA19144	[2515685 chr8	8	16245461	16251509	6049	6	-0.916602	0.068918	16245129	16245794	16250812	16252202
289 NA19144	[2515685 chr8	8	16326242	16332169	5928	3	-0.452517	0.090361	16325867	16326617	16330605	16333732
290 NA19144	[2515685 chr8	8	20022286	20024771	2486	2	-0.686746	0.119883	20021082	20023491	20024338	20025202
291 NA19144	[2515685 chr8	8	25028407	25046917	18511	15	-0.945453	0.039931	25027885	25028930	25046777	25047052
292 NA19144	[2515685 chr8	8	39351178	39506673	155496	158	0.751535	0.012646	39350826	39351530	39505284	39508062
293 NA19144	[2515685 chr8	8	51193670	51201152	7483	11	-0.863429	0.049366	51193335	51194005	51200867	51201432
294 NA19144	[2515685 chr8	8	58153251	58154575	1325	2	0.723659	0.124768	58152856	58153647	58154220	58154932
295 NA19144	[2515685 chr8	8	58276887	58289214	12328	6	0.70984	0.048829	58276659	58277116	58288084	58290342
296 NA19144	[2515685 chr8	8	58294677	58296106	1430	2	0.707134	0.10533	58294070	58295284	58295669	58296542
297 NA19144	[2515685 chr8	8	86742169	86910255	168087	97	0.473662	0.011783	86741757	86742581	86910002	86910502
298 NA19144	[2515685 chr8	8	102689939	102695510	5572	5	-0.849747	0.069669	102689349	102690530	102694979	102696042
299 NA19144	[2515685 chr8	8	115148105	115149916	1812	2	-1.007525	0.125759	115147694	115148517	115149348	115150482
300 NA19144	[2515685 chr8	8	120089066	120094001	4936	3	-0.709928	0.090088	120088183	120089950	120091092	120098732
301 NA19144	[2515685 chr8	8	139049762	139053994	4233	6	0.842794	0.061806	139048858	139050666	139053464	139054522
302 NA19144	[2515685 chr8	8	144782655	144785960	3306	2	0.539523	0.101884	144771440	144785564	144785821	144786092
303 NA19144	[2515685 chr9	9	310045	312573	2529	61	-0.360878	0.016099	309952	310139	312407	312740
304 NA19144	[2515685 chr9	9	11681858	11684653	2796	5	-0.872182	0.076719	11681456	11682260	11684237	11685072
305 NA19144	[2515685 chr9	9	12716223	12739588	23366	21	-0.86445	0.038277	12715200	12717247	12739025	12740152
306 NA19144	[2515685 chr9	9	33688323	33689560	1238	2	-0.670734	0.120671	33687588	33689059	33689374	33689742
307 NA19144	[2515685 chr9	9	38855853	38864184	8332	15	-0.256597	0.036087	38849975	38858379	38863935	38864432
308 NA19144	[2515685 chr9	9	39141292	39270168	128877	228	-0.407608	0.008428	39140975	39141609	39269980	39270352
309 NA19144	[2515685 chr9	9	39305054	39324833	19780	25	0.294627	0.022958	39304100	39306009	39323218	39326442
310 NA19144	[2515685 chr9	9	39483646	39581458	97813	170	-0.417079	0.009419	39435676	39486172	39581270	39581642
311 NA19144	[2515685 chr9	9	39616339	39636120	19782	26	0.297339	0.022566	39615385	39617294	39634504	39637732
312 NA19144	[2515685 chr9	9	39813768	39815652	1885	3	-0.593255	0.077358	39813502	39814035	39814733	39816572
313 NA19144	[2515685 chr9	9	39818431	39824227	5797	12	0.260707	0.040265	39818000	39818862	39824073	39824382
314 NA19144	[2515685 chr9	9	40206743	40356383	149641	298	-0.481703	0.008032	40206039	40207448	40355989	40356772
315 NA19144	[2515685 chr9	9	40389069	40409006	19938	30	0.305399	0.023106	40387935	40390203	40407412	40410602
316 NA19144	[2515685 chr9	9	40791442	40792035	594	2	0.517015	0.100514	40791028	40791856	40791889	40792182
317 NA19144	[2515685 chr9	9	40907176	40927141	19966	23	0.329046	0.025824	40905575	40908778	40926009	40928272
318 NA19144	[2515685 chr9	9	41234952	41243531	8580	13	-0.260707	0.039473	41234900	41235005	41241005	41249462
319 NA19144	[2515685 chr9	9	41377559	41396864	19306	30	0.301399	0.023041	41375767	41379351	41395273	41398452
320 NA19144	[2515685 chr9	9	41613055	41614674	1620	4	-0.330114	0.062812	41612605	41613506	41614459	41614882
321 NA19144	[2515685 chr9	9	41640668	41646461	5794	11	0.256707	0.041469	41640514	41640823	41646031	41646892

322 NA19144	[2515685 chr9	9	41649237	41651122	1886	3	-0.593255	0.077358	41648318	41650157	41650855	4165138!
323 NA19144	[2515685 chr9	9	41752826	41753462	637	2	0.517015	0.100514	41752412	41753240	41753273	4175365;
324 NA19144	[2515685 chr9	9	41968304	41968896	593	2	0.517014	0.100514	41968158	41968450	41968482	4196931!
325 NA19144	[2515685 chr9	9	41991445	41996789	5345	5	0.288197	0.057073	41991005	41991886	41994263	4200068;
326 NA19144	[2515685 chr9	9	42074739	42080673	5935	9	0.330216	0.037518	42074446	42075033	42080516	4208083;
327 NA19144	[2515685 chr9	9	42289747	42293867	4121	4	0.309915	0.054571	42289281	42290213	42293571	4229416-
328 NA19144	[2515685 chr9	9	42452419	42453011	593	2	0.517015	0.100514	42452273	42452565	42452597	4245342!
329 NA19144	[2515685 chr9	9	42475581	42480925	5345	5	0.288197	0.057073	42475141	42476022	42478399	4248482;
330 NA19144	[2515685 chr9	9	42639862	42643779	3918	8	-0.424413	0.043773	42639537	42640187	42643538	4264402;
331 NA19144	[2515685 chr9	9	42645007	42646038	1032	2	-0.588568	0.083226	42644851	42645163	42645769	4264630;
332 NA19144	[2515685 chr9	9	42669198	42670938	1741	2	-0.575712	0.074529	42668921	42669475	42670652	4267122-
333 NA19144	[2515685 chr9	9	42754727	42756705	1979	3	-0.772634	0.06942	42754385	42755070	42755767	4275764-
334 NA19144	[2515685 chr9	9	42759333	42765281	5949	8	0.323367	0.038689	42759037	42759629	42765124	4276543!
335 NA19144	[2515685 chr9	9	42789875	42791615	1741	2	-0.575712	0.074529	42789598	42790152	42791329	4279190-
336 NA19144	[2515685 chr9	9	42875403	42877381	1979	3	-0.772648	0.069421	42875061	42875746	42876443	4287832!
337 NA19144	[2515685 chr9	9	42880009	42885957	5949	8	0.323367	0.038689	42879713	42880305	42885800	4288611!
338 NA19144	[2515685 chr9	9	43059964	43064106	4143	10	-0.310386	0.042363	43059908	43060020	43064059	4306415;
339 NA19144	[2515685 chr9	9	43099953	43213436	113484	239	-0.498593	0.008902	43099774	43100133	43213301	4321357-
340 NA19144	[2515685 chr9	9	43414177	43441375	27199	49	0.267404	0.018867	43413946	43414408	43440909	4344184-
341 NA19144	[2515685 chr9	9	43458412	43474410	15999	21	0.252744	0.031754	43458113	43458712	43473902	4347491!
342 NA19144	[2515685 chr9	9	43508682	43512213	3532	6	0.446912	0.049254	43508216	43509148	43511921	4351250!
343 NA19144	[2515685 chr9	9	43720039	43721070	1032	2	-0.588568	0.083226	43719883	43720195	43721081	4372133!
344 NA19144	[2515685 chr9	9	43744237	43745976	1740	2	-0.575712	0.074529	43743960	43744514	43745690	4374626;
345 NA19144	[2515685 chr9	9	43808781	43812530	3750	4	0.523844	0.076528	43808388	43809175	43812324	4381273!
346 NA19144	[2515685 chr9	9	44319140	44340779	21640	23	0.340081	0.030547	44318931	44319349	44340724	4434083-
347 NA19144	[2515685 chr9	9	45204355	45397287	192933	106	0.289305	0.013537	45202442	45206269	45397070	4539750!
348 NA19144	[2515685 chr9	9	45441271	45462417	21147	14	0.329018	0.038745	45440324	45442218	45461850	4546298!
349 NA19144	[2515685 chr9	9	64949088	64958897	9810	2	0.746636	0.081633	64948675	64949502	64958664	6495913!
350 NA19144	[2515685 chr9	9	65052468	65056588	4121	4	0.309917	0.054571	65052172	65052764	65056122	6505705!
351 NA19144	[2515685 chr9	9	66527571	66680774	153204	186	0.277659	0.010581	66477921	66530097	66680316	6668123;
352 NA19144	[2515685 chr9	9	66815349	66828849	13501	15	0.37795	0.030713	66761966	66817875	66826323	6683372;
353 NA19144	[2515685 chr9	9	67054379	67134291	79913	76	0.273547	0.013946	66986373	67056905	67133800	6713478!
354 NA19144	[2515685 chr9	9	76777070	76779384	2315	2	0.930084	0.127873	76776756	76777385	76778920	7677984!
355 NA19144	[2515685 chr9	9	80878260	80879919	1660	2	0.811132	0.097301	80877780	80878740	80879539	8088029!
356 NA19144	[2515685 chr9	9	81553104	81555243	2140	2	0.617797	0.094262	81552817	81553392	81553888	8155659!
357 NA19144	[2515685 chr9	9	82115579	82116978	1400	2	-0.807821	0.109086	82114963	82116195	82116740	8211721!
358 NA19144	[2515685 chr9	9	126050649	126055099	4451	4	-0.928591	0.074492	126050359	126050940	126052573	12605912
359 NA19144	[2515685 chr9	9	135438255	135444067	5813	2	1.98907	0.121498	135282803	135440781	135443016	13544511-
360 NA19144	[2515685 chr9	9	138188003	138189923	1921	45	-0.320875	0.020735	138187808	138188198	138189840	13819000
361 NA19144	[2515685 chr10	10	4279984	4282023	2040	2	1.845694	0.156802	4279599	4280370	4281521	428252!
362 NA19144	[2515685 chr10	10	6693908	6703893	9986	8	0.645495	0.054923	6692231	6695585	6703779	670400!
363 NA19144	[2515685 chr10	10	42564252	42565662	1411	4	-0.566893	0.07352	42563949	42564556	42565423	4256590-
364 NA19144	[2515685 chr10	10	46684200	46684670	471	2	-0.572534	0.098358	46683917	46684484	46684514	4668482;
365 NA19144	[2515685 chr10	10	47005127	47173707	168581	204	-0.345881	0.010149	47005072	47005183	47173507	4717390!
366 NA19144	[2515685 chr10	10	47729110	47729542	433	2	-0.587173	0.104442	47728939	47729281	47729308	4772977!
367 NA19144	[2515685 chr10	10	47784708	47785178	471	2	-0.572535	0.098358	47784551	47784866	47784896	4778546
368 NA19144	[2515685 chr10	10	48593103	48593600	498	2	-0.572534	0.098358	48592794	48593413	48593443	4859375!
369 NA19144	[2515685 chr10	10	48648802	48649129	328	2	-0.587173	0.104442	48648568	48649036	48649063	4864919!
370 NA19144	[2515685 chr10	10	51119630	51132551	12922	21	-0.271951	0.027542	51119365	51119895	51132382	5113272;
371 NA19144	[2515685 chr10	10	51186006	51187734	1729	2	-0.743711	0.114809	51185282	51186730	51187158	5118831-
372 NA19144	[2515685 chr10	10	56117212	56139275	22064	20	-0.922188	0.034535	56115764	56118661	56138931	5613961!
373 NA19144	[2515685 chr10	10	58879708	58882015	2308	5	-0.926975	0.080267	58879568	58879849	58881863	5888216!
374 NA19144	[2515685 chr10	10	124342606	124366738	24133	27	-0.373123	0.02198	124342261	124342951	124366300	12436717
375 NA19144	[2515685 chr10	10	134152860	134154904	2045	2	-0.503695	0.094206	134152032	134153689	134154236	13415557-
376 NA19144	[2515685 chr10	10	134168766	134170259	1494	17	-1.402636	0.045358	134168524	134169008	134170097	13417042-

377 NA19144	[2515685 chr11	11	3271902	3274139	2238	3	-0.479144	0.076113	3271303	3272502	3273580	3274698
378 NA19144	[2515685 chr11	11	3628748	3632795	4048	6	-1.407019	0.069667	3625722	3631775	3632594	3632996
379 NA19144	[2515685 chr11	11	4119946	4323987	204042	208	0.383755	0.009804	4116529	4123217	4323864	4324117
380 NA19144	[2515685 chr11	11	4328197	4337507	9311	5	0.383755	0.009804	4324926	4332364	4334236	4343884
381 NA19144	[2515685 chr11	11	5717038	5718491	1454	2	3.53934	0.215265	5716660	5717416	5718038	5718945
382 NA19144	[2515685 chr11	11	5741269	5765993	24725	33	1.979935	0.038258	5741059	5741480	5765632	5766354
383 NA19144	[2515685 chr11	11	11831868	11833089	1222	2	0.928438	0.120779	11831412	11832324	11832853	11833321
384 NA19144	[2515685 chr11	11	18906905	18928671	21767	27	0.722828	0.029276	18906533	18907278	18928457	18928881
385 NA19144	[2515685 chr11	11	21144151	21172662	28512	35	-0.79455	0.027145	21143340	21144962	21172404	21172921
386 NA19144	[2515685 chr11	11	28965605	28969186	3582	5	4.112823	0.155208	28965284	28965927	28968702	28969671
387 NA19144	[2515685 chr11	11	30128605	30133794	5190	5	-0.83131	0.07021	30127846	30129364	30133432	30134151
388 NA19144	[2515685 chr11	11	48284073	48284771	699	2	0.85393	0.103822	48283862	48284285	48284572	48284971
389 NA19144	[2515685 chr11	11	48997072	49001951	4880	10	0.303907	0.047801	48996760	48997384	49001459	49002447
390 NA19144	[2515685 chr11	11	49072856	49075952	3097	6	0.313473	0.060259	49072572	49073140	49075650	49076257
391 NA19144	[2515685 chr11	11	49665830	49716019	50190	34	0.501954	0.02593	49665251	49666410	49712748	49721987
392 NA19144	[2515685 chr11	11	58566484	58611261	44778	41	0.346519	0.022944	58566228	58566741	58610975	58611547
393 NA19144	[2515685 chr11	11	60721034	60777477	56444	58	0.559257	0.016141	60720112	60721956	60776810	60778147
394 NA19144	[2515685 chr11	11	73815147	73817979	2833	2	-0.690713	0.111458	73812981	73817313	73817746	73818217
395 NA19144	[2515685 chr11	11	77329004	77348780	19777	3	-0.378685	0.064595	77328780	77329229	77345509	77370221
396 NA19144	[2515685 chr11	11	88266938	88303948	37011	39	0.309141	0.024334	88266424	88267453	88303762	88304137
397 NA19144	[2515685 chr11	11	89184898	89189792	4895	5	0.441004	0.077306	89184243	89185554	89189177	89190407
398 NA19144	[2515685 chr11	11	93334621	93341944	7324	8	-0.771821	0.057093	93334320	93334923	93341681	93342207
399 NA19144	[2515685 chr11	11	104427891	104437123	9233	11	-0.602237	0.046545	104425560	104430223	104436554	104437697
400 NA19144	[2515685 chr11	11	134107699	134112290	4592	4	0.877375	0.080314	134106591	134108808	134111845	134112737
401 NA19144	[2515685 chr12	12	516001	517592	1592	2	-0.610117	0.110065	515433	516569	517143	518042
402 NA19144	[2515685 chr12	12	737326	744564	7239	7	0.81943	0.055442	737064	737588	743734	745394
403 NA19144	[2515685 chr12	12	2116865	2127044	10180	12	0.666433	0.04373	2116538	2117192	2126809	2127279
404 NA19144	[2515685 chr12	12	6113530	6117052	3523	3	0.56767	0.095625	6111640	6115421	6116289	6117816
405 NA19144	[2515685 chr12	12	8262986	8269955	6970	15	0.505266	0.033962	8262374	8263598	8268864	8271046
406 NA19144	[2515685 chr12	12	9439709	9445294	5586	8	0.284319	0.048145	9439120	9440298	9444589	9446000
407 NA19144	[2515685 chr12	12	9524239	9624971	100733	103	0.645853	0.015902	9523968	9524510	9623223	9626720
408 NA19144	[2515685 chr12	12	111110735	11118206	7472	6	-0.331107	0.057359	11110423	11111048	11116820	11119597
409 NA19144	[2515685 chr12	12	11398049	11436142	38094	34	-0.865374	0.026903	11397507	11398591	11435669	11436617
410 NA19144	[2515685 chr12	12	11438271	11463223	24953	30	-0.345375	0.027339	11437879	11438663	11459990	11466457
411 NA19144	[2515685 chr12	12	22462548	22477653	15106	8	0.494715	0.045264	22461792	22463304	22474599	22480707
412 NA19144	[2515685 chr12	12	27539466	27545857	6392	9	-0.879445	0.054654	27539237	27539695	27545179	27546537
413 NA19144	[2515685 chr12	12	31155331	31161854	6524	7	0.327526	0.052403	31155092	31155571	31161033	31162671
414 NA19144	[2515685 chr12	12	31168973	31245603	76631	69	0.426875	0.018109	31168656	31169291	31245343	31245867
415 NA19144	[2515685 chr12	12	33989909	34000302	10394	18	-0.4444	0.037473	33989629	33990189	34000127	34000477
416 NA19144	[2515685 chr12	12	34244726	34252880	8155	11	-0.300479	0.044946	34238230	34248404	34252581	34253181
417 NA19144	[2515685 chr12	12	69156734	69168074	11341	11	0.732822	0.047843	69138649	69160412	69164396	69215017
418 NA19144	[2515685 chr12	12	70475445	70476812	1368	2	-0.725158	0.116321	70475180	70475711	70476524	70477107
419 NA19144	[2515685 chr12	12	78656134	78665261	9128	9	-0.443306	0.051526	78654687	78657582	78664736	78665787
420 NA19144	[2515685 chr12	12	125345959	125354108	8150	9	-0.900072	0.053086	125345717	125346201	125353801	125354417
421 NA19144	[2515685 chr12	12	127322032	127326052	4021	3	0.455509	0.089491	127321371	127322694	127325619	127326487
422 NA19144	[2515685 chr12	12	128864324	128871206	6883	15	-0.267967	0.027776	128863938	128864711	128870489	128871927
423 NA19144	[2515685 chr12	12	131046250	131046750	501	2	0.737781	0.120042	131046129	131046371	131046551	131046947
424 NA19144	[2515685 chr12	12	132249060	132249924	865	2	1.150119	0.126779	132248918	132249203	132249666	132250187
425 NA19144	[2515685 chr13	13	25947233	25950398	3166	3	2.825899	0.140616	25946194	25948272	25949415	25951387
426 NA19144	[2515685 chr13	13	33029390	33042392	13003	8	0.766142	0.057811	33000262	33034253	33041860	33042927
427 NA19144	[2515685 chr13	13	56611711	56645734	34024	37	0.581136	0.017389	56610946	56612477	56645321	56646147
428 NA19144	[2515685 chr13	13	56645734	56653890	8157	7	-0.744157	0.057275	56645321	56646147	56650401	56657381
429 NA19144	[2515685 chr13	13	56653890	56686136	32247	30	-2.585374	0.046219	56650401	56657380	56685381	56686897
430 NA19144	[2515685 chr13	13	56686136	56724661	38526	37	-0.707492	0.026013	56685381	56686891	56724259	56725067
431 NA19144	[2515685 chr13	13	68133073	68140535	7463	2	0.583348	0.101975	68131593	68134553	68138940	68142131

432 NA19144	[2515685 chr13	13	69633905	69673289	39385	41	0.775988	0.024945	69633412	69634399	69672985	6967359:
433 NA19144	[2515685 chr13	13	110502180	110506241	4062	3	0.671981	0.090081	110501819	110502541	110502890	11050959
434 NA19144	[2515685 chr13	13	113079647	113087001	7355	3	0.571369	0.082961	113078890	113080404	113082138	11309434
435 NA19144	[2515685 chr14	14	18439491	18823237	383747	613	-0.361851	0.003451	18437497	18441485	18823059	1882341!
436 NA19144	[2515685 chr14	14	18850162	19254367	404206	705	-0.361851	0.003451	18849501	18850824	19254200	1925453!
437 NA19144	[2515685 chr14	14	19380114	19494842	114729	116	-0.361851	0.003451	19379922	19380306	19494444	1949524
438 NA19144	[2515685 chr14	14	19619177	19625484	6308	3	3.007861	0.191878	19612261	19624114	19625018	1962595!
439 NA19144	[2515685 chr14	14	20413805	20425617	11813	8	-0.339427	0.046734	20413520	20414091	20425191	2042604
440 NA19144	[2515685 chr14	14	20426353	20492312	65960	70	-0.701093	0.018109	20426044	20426662	20492145	2049248!
441 NA19144	[2515685 chr14	14	32022775	32026140	3366	2	-1.063009	0.125099	32022274	32023276	32023749	3202853
442 NA19144	[2515685 chr14	14	40541595	40555554	13960	18	-0.774473	0.037094	40541375	40541816	40555024	4055608
443 NA19144	[2515685 chr14	14	42059344	42063443	4100	2	0.782348	0.115108	42056485	42062203	42062601	4206428!
444 NA19144	[2515685 chr14	14	47372189	47373176	988	2	-0.603212	0.113658	47371870	47372508	47373023	4737332!
445 NA19144	[2515685 chr14	14	69086774	69092832	6059	6	-0.965599	0.058939	69086153	69087395	69092239	6909342!
446 NA19144	[2515685 chr14	14	73052083	73053781	1699	2	-0.431302	0.083936	73051714	73052452	73052927	7305463!
447 NA19144	[2515685 chr14	14	73063409	73122855	59447	49	0.662909	0.02138	73061866	73064953	73122227	7312348:
448 NA19144	[2515685 chr14	14	104717287	104719581	2295	3	0.46918	0.086554	104717048	104717527	104719037	10472012
449 NA19144	[2515685 chr14	14	104766812	104778505	11694	145	0.430487	0.01049	104766457	104767167	104778286	10477872:
450 NA19144	[2515685 chr15	15	18410729	18431549	20821	11	0.322535	0.045265	18410066	18411392	18431298	1843180
451 NA19144	[2515685 chr15	15	18702138	18750321	48184	36	0.377458	0.023976	18700632	18703644	18749923	1875071!
452 NA19144	[2515685 chr15	15	18818034	18894799	76766	69	0.567052	0.018152	18817092	18818977	18894022	1889557:
453 NA19144	[2515685 chr15	15	19093277	19218887	125611	138	0.405539	0.012286	19093206	19093349	19218462	1921931:
454 NA19144	[2515685 chr15	15	19338127	19466745	128619	126	0.376156	0.01267	19338043	19338211	19466696	1946679
455 NA19144	[2515685 chr15	15	19761013	19790156	29144	26	0.414852	0.025168	19662785	19763507	19789809	1979050:
456 NA19144	[2515685 chr15	15	19805080	19807069	1990	3	0.693078	0.077397	19804866	19805294	19806541	1980759:
457 NA19144	[2515685 chr15	15	19815164	20095142	279979	239	0.444828	0.009659	19807597	19817658	20092648	2019778:
458 NA19144	[2515685 chr15	15	21051502	21068263	16762	14	0.441088	0.033256	21051321	21051684	21065769	2111638
459 NA19144	[2515685 chr15	15	21606753	21614792	8040	7	0.77008	0.066447	21606459	21607047	21612298	2163669!
460 NA19144	[2515685 chr15	15	22658678	22662421	3744	2	-1.192023	0.123599	22658051	22659306	22659927	2266949:
461 NA19144	[2515685 chr15	15	24986053	24992250	6198	7	0.74015	0.061444	24985426	24986680	24991680	2499282!
462 NA19144	[2515685 chr15	15	32469460	32484190	14731	16	-0.433042	0.030139	32469063	32469858	32483260	3248512!
463 NA19144	[2515685 chr15	15	32495147	32507409	12263	15	-0.256334	0.036612	32494339	32495955	32506908	3250791
464 NA19144	[2515685 chr15	15	32507409	32592025	84617	68	-0.841906	0.021484	32506908	32507911	32591791	3259226!
465 NA19144	[2515685 chr15	15	32615013	32632980	17968	21	-0.388634	0.026018	32614742	32615284	32632382	3263357!
466 NA19144	[2515685 chr15	15	32641373	32657959	16587	16	-0.270373	0.036654	32640565	32642181	32657605	3265831
467 NA19144	[2515685 chr15	15	43106834	43111567	4734	5	0.368408	0.064522	43106498	43107171	43111071	4311206:
468 NA19144	[2515685 chr15	15	74671388	74683012	11625	8	0.822081	0.059041	74671122	74671654	74680518	7469618!
469 NA19144	[2515685 chr15	15	75117585	75119946	2362	4	0.814373	0.078213	75117343	75117827	75119741	7512015:
470 NA19144	[2515685 chr15	15	82333041	82335194	2154	2	-2.010753	0.143951	82332284	82333799	82334729	8233566!
471 NA19144	[2515685 chr15	15	98234084	98240716	6633	8	0.789705	0.058638	98233842	98234327	98239350	9824208:
472 NA19144	[2515685 chr15	15	100110023	100122682	12660	38	0.936756	0.019592	100108905	100111141	100122315	10012305:
473 NA19144	[2515685 chr15	15	100264033	100335483	71451	51	0.267609	0.019717	100263857	100264210	100335010	10033595:
474 NA19144	[2515685 chr16	16	4154420	4156482	2063	2	-0.496911	0.098256	4154190	4154651	4155620	415734
475 NA19144	[2515685 chr16	16	5367156	5369567	2412	3	-0.823589	0.081267	5366406	5367907	5369326	536980!
476 NA19144	[2515685 chr16	16	16292646	16293255	610	3	-0.560476	0.088903	16292396	16292896	16292938	1629357:
477 NA19144	[2515685 chr16	16	16633469	16639120	5652	3	0.780341	0.091637	16632502	16634437	16638386	1663985:
478 NA19144	[2515685 chr16	16	18421594	18422204	611	3	-0.560475	0.088903	18421277	18421911	18421954	1842245:
479 NA19144	[2515685 chr16	16	21320882	21323686	2805	18	0.340754	0.026352	21320606	21321159	21323533	2132383!
480 NA19144	[2515685 chr16	16	21475160	21502620	27461	15	0.309176	0.036853	21474882	21475438	21501101	2150414!
481 NA19144	[2515685 chr16	16	21753870	21756137	2268	15	0.382312	0.027648	21753767	21753974	21755984	2175629!
482 NA19144	[2515685 chr16	16	22452875	22454874	2000	13	0.382008	0.029772	22452722	22453028	22454771	2245497!
483 NA19144	[2515685 chr16	16	22555361	22618743	63383	51	0.327887	0.020524	22554963	22555760	22617181	2262030!
484 NA19144	[2515685 chr16	16	28324917	28335549	10633	8	-0.397529	0.052633	28324665	28325169	28334190	2833690!
485 NA19144	[2515685 chr16	16	28617225	28628569	11345	10	-0.39334	0.047527	28615757	28618694	28627777	2862936:
486 NA19144	[2515685 chr16	16	29300030	29302684	2655	15	0.341185	0.028777	29299742	29300318	29302391	2930297:

487 NA19144	[2515685 chr16	16	29402274	29404254	1981	13	0.330626	0.030514	29401985	29402564	29404073	29404431
488 NA19144	[2515685 chr16	16	30141613	30144224	2612	19	0.342961	0.02527	30141325	30141901	30144043	30144401
489 NA19144	[2515685 chr16	16	32159898	32160377	480	2	-1.495717	0.091469	32159453	32160343	32160346	32160401
490 NA19144	[2515685 chr16	16	32606692	32607164	473	2	-1.495717	0.091469	32606661	32606724	32606727	32607601
491 NA19144	[2515685 chr16	16	33100874	33101346	473	2	-1.495718	0.091469	33100436	33101312	33101315	33101371
492 NA19144	[2515685 chr16	16	33157405	33157879	475	2	-1.495692	0.091468	33156965	33157845	33157848	33157911
493 NA19144	[2515685 chr16	16	33278793	33336055	57263	53	0.318815	0.019803	33278594	33278992	33335787	33336321
494 NA19144	[2515685 chr16	16	33453739	33459376	5638	2	-0.921315	0.118242	33449096	33455814	33457301	33463151
495 NA19144	[2515685 chr16	16	33516539	33536297	19759	20	0.36135	0.033069	33515683	33517395	33535963	33536631
496 NA19144	[2515685 chr16	16	34321631	34606125	284495	314	-0.409142	0.008426	34317185	34323706	34605058	34607191
497 NA19144	[2515685 chr16	16	57204541	57207585	3045	3	3.1842	0.155084	57204170	57204913	57206938	57208231
498 NA19144	[2515685 chr16	16	68534746	68564761	30016	43	-0.261105	0.01979	68534434	68535058	68563823	68565701
499 NA19144	[2515685 chr16	16	68702274	68789580	87307	117	-0.405415	0.013069	68701593	68702955	68789287	68789871
500 NA19144	[2515685 chr16	16	72920370	72965445	45076	42	-0.522664	0.023064	72919818	72920922	72964811	72966071
501 NA19144	[2515685 chr16	16	72988296	73020378	32083	55	-0.270691	0.018035	72988152	72988441	73020260	73020491
502 NA19144	[2515685 chr16	16	76930776	76942282	11507	9	0.625235	0.048855	76930290	76931263	76941602	76942961
503 NA19144	[2515685 chr16	16	83994929	84004613	9685	81	-0.962141	0.015157	83994558	83995300	84003767	84005451
504 NA19144	[2515685 chr16	16	86669849	86672366	2518	2	-0.735466	0.100277	86669288	86670411	86671217	86673511
505 NA19144	[2515685 chr16	16	88658787	88663439	4653	4	-0.568643	0.074855	88657900	88659675	88661364	88667241
506 NA19144	[2515685 chr16	16	88807512	88815501	7990	4	0.400253	0.071477	88794450	88809587	88813426	88819181
507 NA19144	[2515685 chr17	17	911980	915554	3575	4	-0.956331	0.07924	911452	912508	915413	915696
508 NA19144	[2515685 chr17	17	966845	970150	3306	21	0.405279	0.033806	966537	967154	969378	970922
509 NA19144	[2515685 chr17	17	16662933	16665630	2698	5	-0.623586	0.069058	16662626	16663241	16665353	16665901
510 NA19144	[2515685 chr17	17	18296513	18327516	31004	37	0.401837	0.02403	18296246	18296781	18326880	18328151
511 NA19144	[2515685 chr17	17	18331255	18332345	1091	2	-0.737956	0.103708	18330541	18331970	18331978	18332711
512 NA19144	[2515685 chr17	17	20299935	20301374	1440	2	-0.737956	0.103708	20299568	20300303	20300311	20302431
513 NA19144	[2515685 chr17	17	20304465	20335856	31392	38	0.364197	0.023355	20304107	20304823	20335559	20336151
514 NA19144	[2515685 chr17	17	20368735	20372821	4087	6	0.317901	0.059709	20367677	20369794	20372578	20373061
515 NA19144	[2515685 chr17	17	20571353	20578410	7058	6	0.416678	0.061271	20571124	20571582	20577452	20579361
516 NA19144	[2515685 chr17	17	20644041	20648732	4692	4	0.506768	0.073354	20643647	20644435	20647744	20649721
517 NA19144	[2515685 chr17	17	21310665	21312592	1928	3	-0.568298	0.083449	21310379	21310951	21312062	21313121
518 NA19144	[2515685 chr17	17	21827503	21834574	7072	3	1.175206	0.090669	21826238	21828768	21833354	21835791
519 NA19144	[2515685 chr17	17	21942843	21954909	12067	18	-0.351113	0.034446	21942618	21943068	21954628	21955191
520 NA19144	[2515685 chr17	17	31430406	31832750	402345	426	0.559708	0.005601	31429658	31431155	31832302	31833191
521 NA19144	[2515685 chr17	17	31865078	31886556	21479	51	0.559708	0.005601	31864350	31865807	31886086	31887021
522 NA19144	[2515685 chr17	17	32829500	32835174	5675	6	0.715351	0.065887	32828825	32830175	32833793	32836551
523 NA19144	[2515685 chr17	17	33348268	33351216	2949	7	-0.29463	0.046174	33347873	33348664	33351036	33351391
524 NA19144	[2515685 chr17	17	33356741	33424374	67634	130	0.53682	0.007146	33356305	33357178	33422990	33425751
525 NA19144	[2515685 chr17	17	33431039	33553834	122796	59	0.53682	0.007146	33428591	33529290	33553386	33554281
526 NA19144	[2515685 chr17	17	33585313	33654387	69075	98	0.53682	0.007146	33584586	33586040	33653601	33655171
527 NA19144	[2515685 chr17	17	36636559	36660007	23449	22	-0.428557	0.021841	36635767	36637352	36659236	36660771
528 NA19144	[2515685 chr17	17	36675530	36685343	9814	10	-0.428557	0.021841	36675011	36676049	36684647	36686041
529 NA19144	[2515685 chr17	17	40984136	41017119	32984	45	-0.338309	0.021734	40983908	40984364	41016872	41017361
530 NA19144	[2515685 chr17	17	41770024	41976044	206021	236	-0.382702	0.006113	41769768	41770281	41975625	41976461
531 NA19144	[2515685 chr17	17	41985208	42137658	152451	143	-0.382702	0.006113	41985206	41985210	42135210	42141941
532 NA19144	[2515685 chr17	17	42975972	43026670	50699	64	0.899357	0.019783	42975162	42976783	43025568	43027771
533 NA19144	[2515685 chr17	17	55368842	55372541	3700	5	0.480391	0.0668	55368278	55369406	55372325	55372751
534 NA19144	[2515685 chr17	17	55434888	55452955	18068	28	0.438918	0.024346	55434445	55435332	55452577	55453331
535 NA19144	[2515685 chr17	17	55528788	55543551	14764	2	0.848439	0.108975	55523057	55531236	55542674	55544421
536 NA19144	[2515685 chr17	17	57652724	57667804	15081	15	0.429677	0.015737	57652052	57653396	57667259	57668341
537 NA19144	[2515685 chr17	17	57681793	57710692	28900	46	0.429677	0.015737	57680114	57683473	57708467	57712911
538 NA19144	[2515685 chr17	17	60324488	60349141	24654	33	-0.365732	0.025169	60324259	60324717	60348751	60349531
539 NA19144	[2515685 chr17	17	72727658	72744757	17100	13	0.590354	0.041927	72726533	72728783	72744067	72745441
540 NA19144	[2515685 chr18	18	14479667	14488455	8789	10	0.266892	0.045161	14479249	14480086	14488123	14488781
541 NA19144	[2515685 chr18	18	42745190	42815602	70413	24	-0.318834	0.026819	42518691	42749992	42810800	42889151



542 NA19144	[2515685 chr18	18	61354113	61356915	2803	3	-0.912658	0.096563	61352814	61355413	61356643	61357181
543 NA19144	[2515685 chr18	18	61917747	61920171	2425	4	2.050902	0.116321	61917522	61917973	61919646	61920691
544 NA19144	[2515685 chr18	18	74230393	74234275	3883	31	-0.368669	0.019419	74229835	74230952	74234139	74234411
545 NA19144	[2515685 chr18	18	74297715	74299391	1677	5	-0.843561	0.067149	74297243	74298187	74299167	74299611
546 NA19144	[2515685 chr18	18	74373005	74379534	6530	10	0.351795	0.037493	74372064	74373947	74378860	74380201
547 NA19144	[2515685 chr18	18	74392800	74397812	5013	3	0.941082	0.103466	74390826	74394774	74396965	74398661
548 NA19144	[2515685 chr19	19	14500	79514	65015	52	0.331708	0.019697	13672	15329	79338	79690
549 NA19144	[2515685 chr19	19	310414	312953	2540	14	-0.361924	0.039552	309687	311142	312913	312994
550 NA19144	[2515685 chr19	19	331568	333129	1562	2	0.780024	0.103712	331314	331822	332310	333948
551 NA19144	[2515685 chr19	19	8708780	8764835	56056	74	0.451226	0.013353	8708296	8709264	8763911	8765759
552 NA19144	[2515685 chr19	19	20388989	20510144	121156	65	-0.414074	0.018931	20388802	20389176	20509558	20510731
553 NA19144	[2515685 chr19	19	22139705	22142875	3171	9	0.32561	0.052349	22139594	22139817	22142780	22142971
554 NA19144	[2515685 chr19	19	22559495	22560841	1347	3	-0.627693	0.090934	22559099	22559891	22560618	22561061
555 NA19144	[2515685 chr19	19	22626324	22627831	1508	2	-0.573128	0.110819	22626147	22626502	22627729	22627931
556 NA19144	[2515685 chr19	19	22782241	23445143	662903	576	0.412379	0.006361	22781854	22782628	23444696	23445591
557 NA19144	[2515685 chr19	19	23449741	23452775	3035	5	0.335781	0.061895	23449607	23449876	23451351	23454201
558 NA19144	[2515685 chr19	19	24130583	24130769	187	4	0.440696	0.074293	24130564	24130602	24130748	24130791
559 NA19144	[2515685 chr19	19	39419837	39421349	1513	3	0.465608	0.089165	39419616	39420059	39421018	39421168
560 NA19144	[2515685 chr19	19	39929822	39931914	2093	3	0.579225	0.089221	39929473	39930171	39931687	39932141
561 NA19144	[2515685 chr19	19	47903518	48492530	589013	412	0.260444	0.007123	47895299	47906372	48490564	48494491
562 NA19144	[2515685 chr19	19	53100142	53151974	51833	98	-0.324132	0.011149	53098980	53101305	53151638	53152311
563 NA19144	[2515685 chr19	19	55248807	55253190	4384	3	-0.885629	0.100765	55247902	55249712	55252939	55253441
564 NA19144	[2515685 chr19	19	55285877	55336157	50281	104	-0.304546	0.010766	55285730	55286025	55335244	55337071
565 NA19144	[2515685 chr19	19	58210435	58244458	34024	25	-0.721227	0.030807	58209863	58211007	58243893	58245021
566 NA19144	[2515685 chr19	19	59247755	59251476	3722	4	0.721114	0.078163	59246427	59249084	59250683	59252261
567 NA19144	[2515685 chr19	19	59491772	59498950	7179	7	0.309547	0.053959	59491568	59491977	59497077	59500821
568 NA19144	[2515685 chr19	19	59940599	59983768	43170	29	0.352609	0.026238	59939799	59941400	59983557	59983971
569 NA19144	[2515685 chr19	19	60958920	60976029	17110	15	-0.533403	0.039178	60957933	60959907	60975748	60976311
570 NA19144	[2515685 chr20	20	1494254	1511097	16844	16	-0.256314	0.032085	1493697	1494812	1510534	1511661
571 NA19144	[2515685 chr20	20	1511097	1532477	21381	26	-1.970139	0.044353	1510534	1511660	1532182	1532771
572 NA19144	[2515685 chr20	20	1533575	1544060	10486	15	-0.33618	0.032963	1533384	1533766	1543588	1544531
573 NA19144	[2515685 chr20	20	12617034	12623066	6033	3	0.525392	0.096256	12616451	12617617	12621070	12625061
574 NA19144	[2515685 chr20	20	15249645	15251805	2161	2	-0.879867	0.103104	15249381	15249909	15251287	15252321
575 NA19144	[2515685 chr20	20	26002428	26011164	8737	11	0.270748	0.042563	26002382	26002475	26010947	26011381
576 NA19144	[2515685 chr20	20	26147697	26165529	17833	25	-0.278997	0.028698	26147451	26147944	26162148	26168911
577 NA19144	[2515685 chr20	20	28194256	28269803	75548	54	0.279231	0.019338	28193683	28194830	28266114	29341561
578 NA19144	[2515685 chr20	20	60774095	60775549	1455	2	0.567629	0.111863	60773792	60774399	60774869	60776221
579 NA19144	[2515685 chr20	20	61708834	61711805	2972	22	-0.559002	0.030986	61708573	61709096	61711616	61711991
580 NA19144	[2515685 chr20	20	61752758	61754878	2121	2	-0.483822	0.083847	61752142	61753375	61754167	61755581
581 NA19144	[2515685 chr20	20	61770772	61773337	2566	14	-0.40192	0.04253	61770072	61771473	61772214	61774461
582 NA19144	[2515685 chr20	20	62113559	62121334	7776	22	-0.503074	0.032475	62113491	62113628	62120828	62121841
583 NA19144	[2515685 chr21	21	9879369	9969586	90218	11	0.300781	0.043171	9873683	9885055	9963900	9975321
584 NA19144	[2515685 chr21	21	10175806	10200085	24280	18	-0.347702	0.033905	10175546	10176067	10198728	10201441
585 NA19144	[2515685 chr22	22	14474806	14832930	358125	660	-0.380622	0.005253	14474622	14474991	14831369	14834491
586 NA19144	[2515685 chr22	22	17385504	17403663	18160	26	-0.300564	0.02798	17385031	17385977	17403006	17404321
587 NA19144	[2515685 chr22	22	18744519	18874310	129792	147	-0.4489	0.011915	18742262	18746777	18874085	18874531
588 NA19144	[2515685 chr22	22	19379720	19419706	39987	11	-0.548286	0.045955	19377046	19382395	19416806	19449921
589 NA19144	[2515685 chr22	22	20033961	20121795	87835	137	-0.414813	0.008386	20033693	20034230	20121548	20122041
590 NA19144	[2515685 chr22	22	20137248	20243861	106614	145	-0.414813	0.008386	20136561	20137935	20240961	20302281
591 NA19144	[2515685 chr22	22	22600453	22727905	127453	168	-0.277999	0.011516	22598667	22602240	22727685	22728121
592 NA19144	[2515685 chr22	22	27394308	27435403	41096	7	0.264356	0.051185	27354515	27397208	27432503	27508831
593 NA19144	[2515685 chr22	22	33619409	33623490	4082	5	0.752682	0.066888	33618939	33619879	33622642	33624331
594 NA19144	[2515685 chr22	22	43455661	43456925	1265	2	-3.588416	0.233285	43455369	43455954	43456505	43457341
595 NA19144	[2515685 chr22	22	44150680	44156545	5866	2	-0.720012	0.106102	44150466	44150895	44155221	44157871
596 NA19144	[2515685 chrX	23	1863641	1865837	2197	4	-0.467469	0.074611	1862943	1864339	1865399	1866271

597 NA19144	[2515685 chrX	23	2286200	2288297	2098	2	0.60181	0.087413	2285671	2286730	2287550	228904!
598 NA19144	[2515685 chrX	23	9179306	9192056	12751	17	0.398288	0.034482	9179076	9179536	9191527	919258!
599 NA19144	[2515685 chrX	23	47714935	47718658	3724	2	0.583695	0.103856	47714701	47715170	47715435	4772188;
600 NA19144	[2515685 chrX	23	48917673	49070905	153233	84	0.271837	0.012624	48917258	48918088	49070239	4907157;
601 NA19144	[2515685 chrX	23	57629535	57637875	8341	12	2.509919	0.065742	57624754	57633746	57634786	5764096-
602 NA19144	[2515685 chrX	23	66907318	66913276	5959	6	-1.617399	0.087651	66881715	66911529	66913165	6691338;
603 NA19144	[2515685 chrX	23	105355082	105361289	6208	17	1.174087	0.055664	105352123	105358042	105359168	10536341!
604 NA19144	[2515685 chrX	23	105478359	105479862	1504	2	-0.783377	0.095378	105477870	105478848	105479594	10548013
605 NA19144	[2515685 chrX	23	114784456	114821267	36812	76	-0.304281	0.013926	114784169	114784743	114817056	11483607!
606 NA19144	[2515685 chrX	23	134597232	134608352	11121	17	0.35664	0.028127	134597077	134597387	134608171	13460853
607 NA19144	[2515685 chrX	23	134662909	134673907	10999	16	0.362073	0.028554	134662728	134663090	134673861	13467395
608 NA19144	[2515685 chrX	23	134750696	134755274	4579	10	0.266885	0.039326	134750516	134750876	134755112	13475543
609 NA19144	[2515685 chrX	23	139811649	139834292	22644	36	0.427403	0.019074	139811533	139811766	139830081	13984227-
610 NA19144	[2515685 chrX	23	140051204	140060849	9646	17	0.430509	0.028777	140043259	140055415	140060733	14006096
611 NA19144	[2515685 chrX	23	140386431	140413881	27451	41	0.390985	0.018149	140378397	140390642	140411067	14041669
612 NA19144	[2515685 chrX	23	140500217	140510513	10297	14	0.504795	0.030827	140492162	140504428	140510409	14051061-
613 NA19144	[2515685 chrX	23	146068677	146075231	6555	16	0.308215	0.033455	146068435	146068920	146074535	14607592-
614 NA19144	[2515685 chrX	23	148352436	148355137	2702	4	-3.031339	0.14347	148350921	148353952	148354969	14835530
615 NA19144	[2515685 chrX	23	148355625	148356251	627	2	-1.603853	0.138711	148355305	148355945	148356092	14835641
616 NA19144	[2515685 chrX	23	148356839	148358434	1596	2	-3.700635	0.209498	148356689	148356989	148357426	14835944
617 NA19144	[2515685 chrX	23	148587976	148691824	103849	68	0.576284	0.01833	148581850	148592187	148687613	14875988
618 NA19144	[2515685 chrX	23	154653800	154656039	2240	2	-0.897953	0.10988	154652741	154654860	154655183	15465689
619 NA19144	[2515685 chrY	24	1863641	1865837	2197	4	-0.467469	0.074611	1862943	1864339	1865399	186627!
620 NA19144	[2515685 chrY	24	2286200	2288297	2098	2	0.60181	0.087413	2285671	2286730	2287550	228904!
621 NA19144	[2515685 chrY	24	9227858	9234779	6922	25	0.292805	0.021739	9227746	9227970	9234673	923488!
622 NA19144	[2515685 chrY	24	9273464	9275427	1964	11	0.33208	0.032155	9273338	9273590	9275343	927551!
623 NA19144	[2515685 chrY	24	9927635	9934568	6934	26	0.291175	0.021398	9927523	9927747	9934492	993464!
624 NA19144	[2515685 chrY	24	10326793	10340296	13504	7	0.299012	0.051358	10325529	10328058	10339804	1034078!
625 NA19144	[2515685 chrY	24	23624926	23649003	24078	50	-0.485559	0.017827	23624485	23625368	23648757	2364924!
626 NA19144	[2515685 chrY	24	23716390	23764324	47935	115	-0.433928	0.011732	23716144	23716636	23763883	2376476!
627 NA19144	[2515685 chrY	24	25258650	25285076	26427	53	-0.323484	0.008793	25258209	25259092	25284830	2528532;
628 NA19144	[2515685 chrY	24	25341625	25379999	38375	84	-0.323484	0.008793	25341379	25341871	25379558	2538044;
629 NA19144	[2515685 chrY	24	57531227	57533466	2240	2	-0.897963	0.109881	57530168	57532287	57532610	5753432;
1 NA18502	[2515685 chr1	1	76985	80231	3247	5	0.578358	0.079576	76641	77329	79974	80489
2 NA18502	[2515685 chr1	1	601045	612159	11115	8	-0.88678	0.06291	587801	604315	610122	61419!
3 NA18502	[2515685 chr1	1	1853012	1854645	1634	2	0.864897	0.125821	1852616	1853409	1853816	185547!
4 NA18502	[2515685 chr1	1	1878981	1891801	12821	21	0.274416	0.038829	1878777	1879185	1891560	189204;
5 NA18502	[2515685 chr1	1	10308196	10312662	4467	4	-0.737931	0.097969	10307839	10308553	10312212	1031311;
6 NA18502	[2515685 chr1	1	10416438	10418311	1874	2	-1.957854	0.156187	10415863	10417014	10417712	1041891;
7 NA18502	[2515685 chr1	1	12829971	12855019	25049	42	0.275903	0.027462	12829669	12830274	12854828	1285521!
8 NA18502	[2515685 chr1	1	12887630	12926542	38913	87	0.2669	0.019083	12887352	12887909	12926307	1292677!
9 NA18502	[2515685 chr1	1	13114053	13153574	39522	81	0.269398	0.019792	13113809	13114298	13153534	1315361-
10 NA18502	[2515685 chr1	1	13159940	13162071	2132	3	0.573929	0.102732	13159618	13160263	13161777	1316236!
11 NA18502	[2515685 chr1	1	13295528	13374371	78844	47	0.290743	0.025955	13294356	13296701	13374331	1337441;
12 NA18502	[2515685 chr1	1	13380737	13382868	2132	3	0.573929	0.102732	13380415	13381060	13382574	1338316-
13 NA18502	[2515685 chr1	1	13518505	13522174	3670	4	-0.657908	0.09369	13517560	13519451	13521947	1352240-
14 NA18502	[2515685 chr1	1	16547682	16558905	11224	13	0.315543	0.049351	16547030	16548335	16557482	1656032!
15 NA18502	[2515685 chr1	1	16579099	16590019	10921	17	0.298505	0.043156	16578908	16579291	16587726	1659231-
16 NA18502	[2515685 chr1	1	16604440	16833315	228876	353	0.346348	0.009475	16604025	16604856	16832899	1683373-
17 NA18502	[2515685 chr1	1	16919056	16945170	26115	42	0.345511	0.027456	16869908	16922326	16944613	1694572-
18 NA18502	[2515685 chr1	1	21483287	21545077	61791	65	0.296002	0.022184	21483049	21483526	21544654	2154550-
19 NA18502	[2515685 chr1	1	25330950	25409968	79019	78	0.369334	0.020188	25330662	25331238	25409763	2541017;
20 NA18502	[2515685 chr1	1	25434769	25487480	52712	26	0.317111	0.034896	25434373	25435166	25484210	2551293;
21 NA18502	[2515685 chr1	1	72478372	72524180	45809	36	0.704779	0.032206	72478140	72478604	72523661	7252470!
22 NA18502	[2515685 chr1	1	83329129	83333319	4191	6	-0.554152	0.074797	83328770	83329489	83333063	8333357!

23 NA18502	[2515685 chr1	1	89188117	89190762	2646	4	1.368494	0.108366	89187764	89188470	89190458	89191067
24 NA18502	[2515685 chr1	1	105728161	105735462	7302	8	-2.870395	0.110526	105727820	105728503	105734532	10573639
25 NA18502	[2515685 chr1	1	105749326	105762419	13094	12	-0.319422	0.055954	105749151	105749501	105762104	10576273
26 NA18502	[2515685 chr1	1	106524972	106529726	4755	8	-0.428093	0.068727	106523060	106526885	106529568	10652988
27 NA18502	[2515685 chr1	1	108444641	108449550	4910	9	0.669219	0.060056	108443817	108445466	108449224	10844987
28 NA18502	[2515685 chr1	1	108501224	108505728	4505	5	0.522068	0.079576	108501157	108501291	108502458	10851318
29 NA18502	[2515685 chr1	1	108690120	108702582	12463	5	0.535539	0.079576	108689968	108690272	108702408	10870275
30 NA18502	[2515685 chr1	1	109934024	109966604	32581	35	0.505142	0.030441	109933789	109934260	109966387	10996682
31 NA18502	[2515685 chr1	1	112405902	112416691	10790	10	0.652926	0.056269	112405415	112406389	112416423	11241696
32 NA18502	[2515685 chr1	1	120099673	120120042	20370	16	0.274512	0.044528	120099027	120100320	120118035	12012204
33 NA18502	[2515685 chr1	1	120517029	120517800	772	19	0.251471	0.040822	120517024	120517034	120517791	12051780
34 NA18502	[2515685 chr1	1	120527756	120529650	1895	27	0.317399	0.034244	120527673	120527839	120529629	12052967
35 NA18502	[2515685 chr1	1	141390474	141393320	2847	57	0.285628	0.023568	141390462	141390486	141393310	14139333
36 NA18502	[2515685 chr1	1	141402380	141403151	772	23	0.254411	0.037102	141402371	141402389	141403146	14140315
37 NA18502	[2515685 chr1	1	142960746	142963932	3187	6	0.380526	0.072643	142960564	142960929	142963785	14296407
38 NA18502	[2515685 chr1	1	144888479	144904909	16431	23	0.27409	0.037145	144888103	144888856	144904493	14490532
39 NA18502	[2515685 chr1	1	145814302	146245012	430711	466	0.254829	0.008258	145812747	145815857	146244582	14624544
40 NA18502	[2515685 chr1	1	146808546	146809451	906	2	-0.719099	0.130794	146808090	146809003	146809142	14680976
41 NA18502	[2515685 chr1	1	171528686	171533429	4744	5	-2.365094	0.110047	171528423	171528950	171533245	17153361
42 NA18502	[2515685 chr1	1	193443495	193555075	111581	96	-0.878903	0.021112	193443280	193443710	193554890	19355526
43 NA18502	[2515685 chr1	1	193619849	193648606	28758	21	-0.475343	0.040322	193619444	193620254	193648353	19364886
44 NA18502	[2515685 chr1	1	204086494	204125173	38680	48	0.284961	0.025682	204085868	204087121	204125155	20412519
45 NA18502	[2515685 chr1	1	204229515	204235652	6138	5	-0.672742	0.083313	204228648	204230383	204235034	20423627
46 NA18502	[2515685 chr1	1	220392381	220401238	8858	3	-0.546763	0.102732	220383037	220395651	220399276	22040320
47 NA18502	[2515685 chr1	1	233202665	233204956	2292	42	-0.904522	0.027459	233202312	233203018	233204364	23320554
48 NA18502	[2515685 chr1	1	239367986	239493768	125783	15	-0.420124	0.046473	239367734	239368239	239491355	23949618
49 NA18502	[2515685 chr1	1	244941961	244945500	3540	10	0.305117	0.056269	244941769	244942154	244945385	24494561
50 NA18502	[2515685 chr1	1	244960293	244962187	1895	3	0.529092	0.102732	244959817	244960769	244961807	24496256
51 NA18502	[2515685 chr1	1	245053742	245055036	1295	2	-1.460499	0.252906	245053467	245054017	245054669	24505540
52 NA18502	[2515685 chr1	1	245064556	245068899	4344	4	-0.677664	0.088898	245064115	245064998	245066998	24507080
53 NA18502	[2515685 chr1	1	245085153	245086570	1418	3	0.564603	0.111337	245084844	245085462	245086234	24508690
54 NA18502	[2515685 chr1	1	245125239	245128777	3539	10	0.286514	0.056269	245125124	245125355	245128584	24512897
55 NA18502	[2515685 chr2	2	296456	298925	2470	8	-1.30911	0.064282	296213	296699	298661	299189
56 NA18502	[2515685 chr2	2	409864	411131	1268	11	0.650294	0.05365	409612	410116	411034	411225
57 NA18502	[2515685 chr2	2	428208	430181	1974	2	-0.645668	0.125821	427844	428572	429660	430702
58 NA18502	[2515685 chr2	2	34606445	34644764	38320	39	0.639987	0.029217	34601818	34609397	34641812	3464839
59 NA18502	[2515685 chr2	2	35896478	35905931	9454	3	-2.147656	0.120434	35879425	35899430	35902979	3590982
60 NA18502	[2515685 chr2	2	35963192	35964274	1083	2	-0.857249	0.12582	35962986	35963398	35963758	3596479
61 NA18502	[2515685 chr2	2	41150168	41161411	11244	13	-0.908206	0.052725	41149866	41150471	41160114	4116270
62 NA18502	[2515685 chr2	2	56563625	56567381	3757	2	2.706141	0.225263	56556559	56566577	56567035	5656772
63 NA18502	[2515685 chr2	2	61675589	61676777	1189	2	1.451738	0.139094	61675200	61675979	61676468	6167708
64 NA18502	[2515685 chr2	2	64253762	64429367	175606	184	0.452392	0.013205	64253365	64254159	64428853	6442988
65 NA18502	[2515685 chr2	2	73922476	73948487	26012	42	-0.395345	0.027787	73922222	73922730	73948060	7394891
66 NA18502	[2515685 chr2	2	75296507	75298934	2428	2	0.896302	0.131489	75296056	75296959	75298532	7529933
67 NA18502	[2515685 chr2	2	82611688	82617651	5964	6	-0.480772	0.080985	82611267	82612109	82617377	8261792
68 NA18502	[2515685 chr2	2	87797469	87798699	1231	2	-0.725772	0.128253	87797177	87797761	87798323	8779907
69 NA18502	[2515685 chr2	2	87810218	87821145	10928	16	0.291017	0.044484	87809943	87810494	87820117	8782217
70 NA18502	[2515685 chr2	2	91038153	91040859	2707	8	-0.458606	0.06291	91038027	91038280	91040613	9104110
71 NA18502	[2515685 chr2	2	91489763	91550389	60627	62	-0.299585	0.022599	91489674	91489852	91550292	9155048
72 NA18502	[2515685 chr2	2	95843516	95894621	51106	16	0.285557	0.044484	95793351	95846468	95894525	9589471
73 NA18502	[2515685 chr2	2	97613796	97614932	1137	2	0.909629	0.129537	97613553	97614040	97614467	9761539
74 NA18502	[2515685 chr2	2	106342489	106344320	1832	3	-0.606478	0.102732	106342146	106342832	106344055	10634458
75 NA18502	[2515685 chr2	2	107475477	107477568	2092	2	-1.173261	0.132567	107474333	107476621	107477239	10747789
76 NA18502	[2515685 chr2	2	110155651	110166032	10382	34	0.258416	0.030606	110155632	110155670	110165975	11016608
77 NA18502	[2515685 chr2	2	110512957	110523081	10125	35	0.254984	0.030163	110512801	110513113	110522891	11052327

78 NA18502	[2515685 chr2	2	115109089	115118866	9778	8	-3.042812	0.103262	115108808	115109370	115118291	11511944
79 NA18502	[2515685 chr2	2	126157405	126168349	10945	5	-0.639915	0.081554	126156836	126157975	126168048	12616865
80 NA18502	[2515685 chr2	2	129229413	129230774	1362	2	-1.112596	0.126282	129229234	129229593	129230356	12923119
81 NA18502	[2515685 chr2	2	130420955	130467050	46096	54	-0.317766	0.02457	130420630	130421281	130466830	130467271
82 NA18502	[2515685 chr2	2	130549125	130562910	13786	29	-0.360674	0.033042	130549037	130549214	130562706	13056311
83 NA18502	[2515685 chr2	2	130683006	130684437	1432	2	-1.012977	0.126141	130682805	130683207	130684065	13068480
84 NA18502	[2515685 chr2	2	130757537	130760902	3366	7	0.377614	0.067254	130757071	130758004	130760697	13076110
85 NA18502	[2515685 chr2	2	130885569	130897796	12228	18	-0.317666	0.04194	130885118	130886020	130897715	13089787
86 NA18502	[2515685 chr2	2	131237169	131249494	12326	28	-0.348919	0.033808	131236965	131237373	131249244	13124974
87 NA18502	[2515685 chr2	2	131288823	131301010	12188	18	-0.297124	0.04194	131288742	131288905	131300558	13130146
88 NA18502	[2515685 chr2	2	131765082	131771709	6628	7	-0.476613	0.067254	131749458	131768034	131771105	13177231
89 NA18502	[2515685 chr2	2	131774192	131777174	2983	3	-0.638271	0.102732	131773812	131774572	131775655	13177869
90 NA18502	[2515685 chr2	2	131810915	131818870	7956	18	-0.397998	0.04194	131810493	131811338	131818615	13181912
91 NA18502	[2515685 chr2	2	131845513	131852310	6798	11	-0.442788	0.05365	131845513	131845514	131852270	13185235
92 NA18502	[2515685 chr2	2	131917827	131927973	10147	18	-0.444395	0.042357	131917559	131918096	131927771	13192817
93 NA18502	[2515685 chr2	2	131949198	131953962	4765	6	-0.575759	0.073232	131948970	131949427	131953571	13195435
94 NA18502	[2515685 chr2	2	131978914	131984033	5120	8	0.316879	0.06291	131978543	131979286	131983828	13198423
95 NA18502	[2515685 chr2	2	132138938	132260307	121370	132	-0.324896	0.011683	132138745	132139131	132259307	13226130
96 NA18502	[2515685 chr2	2	132267554	132329674	62121	76	-0.324896	0.011683	132267297	132267812	132329400	13232994
97 NA18502	[2515685 chr2	2	132334309	132346526	12218	11	-0.324896	0.011683	132333497	132335122	132344315	13234873
98 NA18502	[2515685 chr2	2	132871108	132873051	1944	3	0.754297	0.105383	132870911	132871306	132872791	13287331
99 NA18502	[2515685 chr2	2	146694146	146710744	16599	17	0.713189	0.045347	146688620	146697098	146710557	14671093
100 NA18502	[2515685 chr2	2	153622711	153625256	2546	3	0.786389	0.102732	153621175	153624247	153625088	15362542
101 NA18502	[2515685 chr2	2	189394371	189403817	9447	8	-0.90281	0.065465	189393190	189395553	189403733	18940390
102 NA18502	[2515685 chr2	2	195804965	195809805	4841	5	-0.660213	0.087004	195803577	195806354	195809355	19581025
103 NA18502	[2515685 chr2	2	203121095	203138582	17488	19	-1.012933	0.043985	203120801	203121389	203138142	20313902
104 NA18502	[2515685 chr2	2	208176479	208184457	7979	7	0.786961	0.067458	208176093	208176865	208183930	20818498
105 NA18502	[2515685 chr2	2	209062820	209072411	9592	14	-0.741328	0.048184	209062655	209062985	209071922	20907290
106 NA18502	[2515685 chr2	2	242459186	242487471	28286	44	0.25621	0.026825	242458895	242459478	242486450	24248849
107 NA18502	[2515685 chr2	2	242664580	242668683	4104	10	0.574483	0.056269	242664284	242664877	242668532	24266883
108 NA18502	[2515685 chr3	3	204650	209394	4745	4	0.664042	0.088969	202918	206383	209009	209775
109 NA18502	[2515685 chr3	3	1757211	1765706	8496	2	0.864135	0.141187	1756096	1758327	1762058	179730
110 NA18502	[2515685 chr3	3	26188112	26195803	7692	2	-0.990568	0.171638	26187851	26188373	26195637	2619596
111 NA18502	[2515685 chr3	3	37877012	37879536	2525	3	0.59193	0.102732	37876785	37877240	37879214	3787985
112 NA18502	[2515685 chr3	3	46770617	46826525	55909	14	-0.58932	0.048602	46770172	46771063	46826330	4682672
113 NA18502	[2515685 chr3	3	68821474	68830847	9374	17	0.649643	0.043955	68818894	68824055	68830417	6883127
114 NA18502	[2515685 chr3	3	75712057	75714880	2824	4	0.537381	0.088969	75711619	75712495	75714604	7571515
115 NA18502	[2515685 chr3	3	102152109	102153413	1305	2	-0.94791	0.127404	102151685	102152533	102153134	10215369
116 NA18502	[2515685 chr3	3	105760262	105762355	2094	2	-0.797067	0.133282	105759634	105760890	105761424	10576328
117 NA18502	[2515685 chr3	3	105899957	105907442	7486	12	-0.315092	0.051689	105899710	105900204	105907186	10590769
118 NA18502	[2515685 chr3	3	109185301	109189513	4213	4	-0.464539	0.088969	109184817	109185785	109189157	10918986
119 NA18502	[2515685 chr3	3	117753310	117754723	1414	3	-0.647757	0.102732	117753094	117753526	117754482	11775496
120 NA18502	[2515685 chr3	3	127155656	127157516	1861	3	-0.561581	0.102732	127155390	127155923	127157294	12715773
121 NA18502	[2515685 chr3	3	131204575	131207291	2717	5	0.469885	0.079576	131204147	131205003	131206953	13120762
122 NA18502	[2515685 chr3	3	139287057	139289507	2451	3	0.87592	0.109327	139286041	139288073	139289200	13928981
123 NA18502	[2515685 chr3	3	163994592	164106273	111682	100	2.026848	0.02676	163993392	163995793	164106029	16410651
124 NA18502	[2515685 chr3	3	164106273	164109483	3211	3	0.825181	0.12165	164106029	164106517	164108987	16410998
125 NA18502	[2515685 chr3	3	164200660	164204121	3462	4	-0.950856	0.096134	164200187	164201133	164203568	16420467
126 NA18502	[2515685 chr3	3	191219813	191223326	3514	4	0.619854	0.090613	191219291	191220336	191222918	19122373
127 NA18502	[2515685 chr3	3	192547312	192554331	7020	10	0.755194	0.056402	192546950	192547674	192554127	19255453
128 NA18502	[2515685 chr3	3	194357854	194368035	10182	12	1.747321	0.070458	194357665	194358044	194367817	19436825
129 NA18502	[2515685 chr3	3	196679304	196716096	36793	37	-0.399475	0.029381	196677636	196680972	196715769	19671642
130 NA18502	[2515685 chr3	3	196890223	196938361	48139	52	-0.35974	0.024676	196889875	196890572	196937706	19693901
131 NA18502	[2515685 chr3	3	198422794	198427408	4615	2	0.805583	0.136777	198422381	198423207	198437959	19843085
132 NA18502	[2515685 chr3	3	199218619	199221999	3381	12	-0.50814	0.051364	199218354	199218884	199220440	19922355

133 NA18502	[2515685 chr3	3	199313925	199321063	7139	15	1.383355	0.046987	199313515	199314336	199320844	19932128
134 NA18502	[2515685 chr3	3	199326743	199376829	50087	60	0.259246	0.022972	199326546	199326941	199376629	19937703
135 NA18502	[2515685 chr4	4	33716	39037	5322	6	-0.441982	0.072643	33384	34048	36636	41439
136 NA18502	[2515685 chr4	4	657642	674072	16431	21	0.287487	0.038829	657204	658081	673843	674301
137 NA18502	[2515685 chr4	4	1606053	1607707	1655	2	0.686368	0.125821	1605491	1606616	1607377	1608037
138 NA18502	[2515685 chr4	4	4169644	4171588	1945	2	0.638016	0.12582	4169278	4170011	4170011	4173166
139 NA18502	[2515685 chr4	4	8740725	8756949	16225	24	0.683303	0.03632	8740586	8740864	8756813	8757086
140 NA18502	[2515685 chr4	4	8998176	9046719	48544	87	0.99508	0.01913	8850774	9001243	9046129	9047305
141 NA18502	[2515685 chr4	4	9052312	9082725	30414	49	0.252879	0.02542	9051799	9052826	9082367	9083084
142 NA18502	[2515685 chr4	4	9209486	9212045	2560	4	0.496848	0.088969	9209141	9209832	9211875	9212215
143 NA18502	[2515685 chr4	4	9812346	9813108	763	33	2.230831	0.030974	9812284	9812408	9812952	9813265
144 NA18502	[2515685 chr4	4	9887220	9910115	22896	29	1.567651	0.043797	9886886	9887555	9909843	9910388
145 NA18502	[2515685 chr4	4	15436109	15447669	11561	4	-0.835574	0.089733	15435485	15436734	15446602	15494471
146 NA18502	[2515685 chr4	4	21045633	21053532	7900	8	-0.783759	0.067294	21045231	21046035	21053115	21053956
147 NA18502	[2515685 chr4	4	29962383	29967902	5520	7	-0.414425	0.068348	29962071	29962695	29967344	29968467
148 NA18502	[2515685 chr4	4	34261857	34275115	13259	17	-0.318856	0.046674	34261316	34262398	34274632	34275591
149 NA18502	[2515685 chr4	4	34308934	34314599	5666	2	-0.79207	0.139233	34306679	34311190	34313107	34316091
150 NA18502	[2515685 chr4	4	34602797	34650994	48198	45	0.615008	0.027948	34601994	34603600	34649535	34652457
151 NA18502	[2515685 chr4	4	42543239	42546856	3618	2	0.733335	0.125821	42538590	42546306	42546636	42547071
152 NA18502	[2515685 chr4	4	49080370	49114485	34116	80	-0.324953	0.019893	49079937	49080803	49114372	49114591
153 NA18502	[2515685 chr4	4	49365066	49401035	35970	76	-0.321664	0.020411	49363387	49366746	49400687	49401387
154 NA18502	[2515685 chr4	4	58444678	58466813	22136	19	-0.262903	0.042099	58444389	58444967	58466403	58467227
155 NA18502	[2515685 chr4	4	63500373	63504889	4517	5	-0.825981	0.100192	63494261	63503440	63504639	63505146
156 NA18502	[2515685 chr4	4	68588077	68598964	10888	4	-0.494969	0.090327	68586837	68589318	68595897	68603311
157 NA18502	[2515685 chr4	4	69201446	69320563	119118	72	0.895222	0.025967	69200937	69201955	69320240	69320887
158 NA18502	[2515685 chr4	4	92289329	92292975	3647	2	0.713401	0.125821	92199954	92292396	92292781	92293171
159 NA18502	[2515685 chr4	4	104177115	104229081	51967	42	-0.281754	0.027493	104176781	104177450	104228777	10422938
160 NA18502	[2515685 chr4	4	104798397	104817565	19169	15	-0.280701	0.04682	104796578	104800217	104814498	10482354
161 NA18502	[2515685 chr4	4	119480819	119487782	6964	5	-0.869958	0.080635	119473487	119483886	119487418	11948814
162 NA18502	[2515685 chr4	4	132479128	132481065	1938	32	-0.308527	0.031455	132478081	132480175	132480937	13248119
163 NA18502	[2515685 chr4	4	133536191	133540723	4533	3	-1.497736	0.144302	133531398	133539258	133540462	13354098
164 NA18502	[2515685 chr4	4	138449561	138458454	8894	8	-0.914111	0.066781	138448993	138450130	138458291	13845861
165 NA18502	[2515685 chr4	4	138537751	138549906	12156	14	0.689867	0.053695	138537443	138538059	138547414	13855239
166 NA18502	[2515685 chr4	4	142588136	142590500	2365	4	-1.358015	0.103568	142587774	142588498	142590303	14259069
167 NA18502	[2515685 chr4	4	152236496	152243015	6520	8	-0.831275	0.065846	152231776	152239563	152241354	15224467
168 NA18502	[2515685 chr4	4	162237272	162242562	5291	8	0.751173	0.066649	162236487	162238058	162242381	16224274
169 NA18502	[2515685 chr4	4	162806038	162809269	3232	3	0.687823	0.102732	162804872	162807204	162808734	16280980
170 NA18502	[2515685 chr4	4	166219429	166243906	24478	19	0.414191	0.040984	166219070	166219788	166243659	16624415
171 NA18502	[2515685 chr4	4	169183401	169368370	184970	162	0.650356	0.014604	169182712	169184090	169366713	16937002
172 NA18502	[2515685 chr4	4	173363594	173367718	4125	6	-2.117729	0.091123	173362583	173364606	173367283	17336815
173 NA18502	[2515685 chr4	4	173799832	173807322	7491	6	-2.157888	0.12586	173799464	173800201	173804255	17381134
174 NA18502	[2515685 chr4	4	185533276	185544849	11574	12	0.785265	0.052289	185532696	185533857	185543276	18554642
175 NA18502	[2515685 chr4	4	186816951	186819359	2409	3	3.189195	0.179713	186816420	186817483	186819049	18681967
176 NA18502	[2515685 chr4	4	187728494	187732907	4414	15	0.580039	0.045943	187728193	187728795	187732541	18773327
177 NA18502	[2515685 chr4	4	188255523	188269680	14158	235	1.708583	0.012294	188255215	188255831	188269403	18826995
178 NA18502	[2515685 chr4	4	189801673	189806541	4869	7	-0.376002	0.067254	189801381	189801966	189806018	18980706
179 NA18502	[2515685 chr4	4	190528602	190533163	4562	21	-0.691532	0.038829	190528058	190529146	190531664	19053466
180 NA18502	[2515685 chr4	4	191142404	191143596	1193	3	0.951798	0.102732	191142135	191142673	191143215	19114397
181 NA18502	[2515685 chr4	4	191360676	191387777	27102	8	-0.42354	0.06291	191359713	191361640	191384710	19139251
182 NA18502	[2515685 chr5	5	127921	130088	2168	3	-0.69326	0.102732	127697	128146	129559	130617
183 NA18502	[2515685 chr5	5	153687	155672	1986	3	0.611516	0.102732	153444	153930	155274	156071
184 NA18502	[2515685 chr5	5	261631	263283	1653	9	0.679635	0.059312	261032	262230	262766	263801
185 NA18502	[2515685 chr5	5	810517	819444	8928	11	-0.339854	0.053729	809997	811038	819065	819824
186 NA18502	[2515685 chr5	5	841163	890899	49737	35	-0.357633	0.03055	840620	841706	890560	891235
187 NA18502	[2515685 chr5	5	1087294	1092032	4739	6	0.37075	0.072643	1086836	1087753	1091754	1092316

188 NA18502	[2515685 chr5	5	1122995	1130295	7301	44	0.587405	0.026824	1122772	1123219	1130032	1130555
189 NA18502	[2515685 chr5	5	1231558	1233247	1690	2	-0.670883	0.125821	1231167	1231949	1232879	1233611
190 NA18502	[2515685 chr5	5	13031439	13033620	2182	2	-0.741339	0.128827	13030807	13032072	13033070	13034171
191 NA18502	[2515685 chr5	5	21646885	21651681	4797	3	-0.581911	0.105062	21646672	21647099	21650550	21652811
192 NA18502	[2515685 chr5	5	57359558	57369858	10301	9	1.633817	0.074438	57359213	57359904	573567789	57371921
193 NA18502	[2515685 chr5	5	68865200	68948510	83311	153	0.448009	0.014559	68864770	68865630	68948219	68948801
194 NA18502	[2515685 chr5	5	69056324	69162094	105771	247	0.316836	0.011328	69056139	69056510	69161909	69162271
195 NA18502	[2515685 chr5	5	69355513	69459890	104378	115	0.271584	0.016676	69355097	69355930	69459629	69460151
196 NA18502	[2515685 chr5	5	69629933	69810999	181067	370	0.304056	0.009283	69629635	69630232	69809958	69812041
197 NA18502	[2515685 chr5	5	69921501	70043328	121828	270	0.289875	0.010829	69921379	69921623	70043029	70043621
198 NA18502	[2515685 chr5	5	70269742	70341971	72230	89	0.302607	0.018921	70269294	70270191	70341537	70342401
199 NA18502	[2515685 chr5	5	70346521	70431922	85402	140	0.458498	0.015163	70346074	70346969	70431095	70432741
200 NA18502	[2515685 chr5	5	70635607	70688376	52770	113	0.312341	0.016739	70635422	70635793	70687859	70688891
201 NA18502	[2515685 chr5	5	81459212	81466056	6845	2	-1.41402	0.134409	81455614	81462405	81462863	81470281
202 NA18502	[2515685 chr5	5	97465497	97467920	2424	5	-0.421441	0.079576	97465358	97465637	97467539	97468301
203 NA18502	[2515685 chr5	5	99414935	99420285	5351	7	-0.400508	0.067254	99414604	99415267	99419746	99420821
204 NA18502	[2515685 chr5	5	99544011	99548396	4386	2	-0.766385	0.125821	99538916	99547204	99547960	99548831
205 NA18502	[2515685 chr5	5	101198865	101235374	36510	37	-0.80979	0.030884	101192106	101202058	101235238	10123551
206 NA18502	[2515685 chr5	5	137833866	137844134	10269	10	0.456765	0.058331	137833594	137834139	137843310	137844951
207 NA18502	[2515685 chr5	5	140203081	140217091	14011	18	1.609306	0.058916	140202344	140203819	140216552	140217631
208 NA18502	[2515685 chr5	5	150157909	150161161	3253	5	-0.671199	0.083374	150157286	150158532	150160702	150161621
209 NA18502	[2515685 chr5	5	150183322	150194691	11370	2	-1.115644	0.125821	150181427	150185218	150191652	150197731
210 NA18502	[2515685 chr5	5	150199135	150203144	4010	6	-1.907913	0.09434	150198882	150199389	150202838	150203451
211 NA18502	[2515685 chr5	5	155408303	155414027	5725	2	-0.852002	0.161796	155405622	155410984	155413760	155414291
212 NA18502	[2515685 chr5	5	155414027	155424012	9986	9	-2.980206	0.099573	155413760	155414294	155420819	155427611
213 NA18502	[2515685 chr5	5	165157996	165161604	3609	2	-1.437198	0.151886	165155280	165160712	165160802	165162401
214 NA18502	[2515685 chr5	5	175298750	175314575	15826	18	0.270657	0.04194	175298491	175299009	175314240	175314911
215 NA18502	[2515685 chr5	5	175546638	175559042	12405	16	0.257869	0.044484	175546435	175546842	175558597	175559481
216 NA18502	[2515685 chr5	5	180306298	180363417	57120	58	0.55762	0.023847	180305337	180307260	180363120	180363711
217 NA18502	[2515685 chr6	6	201167	327656	126490	130	0.285857	0.015655	200920	201415	326993	328320
218 NA18502	[2515685 chr6	6	26827230	26890851	63622	151	0.382329	0.01448	26826983	26827477	26890604	26891091
219 NA18502	[2515685 chr6	6	27062573	27078178	15606	22	0.263395	0.037936	27062553	27062593	27077814	27078541
220 NA18502	[2515685 chr6	6	30759878	30763127	3250	4	0.454961	0.088969	30759678	30760078	30762846	30763401
221 NA18502	[2515685 chr6	6	31158178	31160444	2267	3	0.546075	0.102732	31157997	31158360	31160125	31160761
222 NA18502	[2515685 chr6	6	31336812	31342350	5539	3	0.730473	0.102732	31329273	31340316	31342051	31342641
223 NA18502	[2515685 chr6	6	31383567	31386100	2534	3	-0.82614	0.109882	31383185	31383949	31385806	31386391
224 NA18502	[2515685 chr6	6	32056378	32120072	63695	77	0.373499	0.020278	32056113	32056644	32119839	32120301
225 NA18502	[2515685 chr6	6	32557802	32558865	1064	2	0.895602	0.125821	32557647	32557958	32558698	32559031
226 NA18502	[2515685 chr6	6	32564602	32591649	27048	10	-0.715763	0.071383	32564316	32564888	32591403	32591891
227 NA18502	[2515685 chr6	6	32591649	32593630	1982	2	1.011712	0.134364	32591403	32591896	32593179	32594081
228 NA18502	[2515685 chr6	6	32721259	32732004	10746	5	0.78188	0.084518	32720619	32721900	32731216	32732791
229 NA18502	[2515685 chr6	6	32741849	32744343	2495	4	0.968486	0.092243	32741631	32742067	32744136	32744551
230 NA18502	[2515685 chr6	6	32799932	32801270	1339	2	1.150296	0.131103	32799289	32800576	32800912	32801621
231 NA18502	[2515685 chr6	6	35800432	35809442	9011	15	0.250029	0.045943	35799999	35800866	35808995	35809881
232 NA18502	[2515685 chr6	6	35852492	35874426	21935	21	0.399031	0.038829	35852168	35852817	35873957	35874891
233 NA18502	[2515685 chr6	6	47525084	47526825	1742	2	-0.633307	0.125821	47524623	47525546	47526415	47527231
234 NA18502	[2515685 chr6	6	54036900	54042384	5485	5	3.267338	0.139067	54036573	54037227	54041771	54042991
235 NA18502	[2515685 chr6	6	58249486	58259894	10409	16	0.326879	0.044484	58249202	58249771	58259482	58260301
236 NA18502	[2515685 chr6	6	58329133	58342694	13562	16	-0.252973	0.044496	58325965	58332302	58342661	58342721
237 NA18502	[2515685 chr6	6	66967148	66968416	1269	2	-0.69659	0.130443	66966949	66967347	66967832	66969001
238 NA18502	[2515685 chr6	6	68343105	68362786	19682	13	-0.32413	0.052312	68342940	68343271	68362554	68363011
239 NA18502	[2515685 chr6	6	75036507	75042543	6037	6	-0.410144	0.077768	75036237	75036777	75042278	75042801
240 NA18502	[2515685 chr6	6	77495034	77513515	18482	12	0.644824	0.054885	77493568	77496500	77510011	77517691
241 NA18502	[2515685 chr6	6	79023318	79093263	69946	69	0.700329	0.0222	79022028	79024609	79091909	79094611
242 NA18502	[2515685 chr6	6	93631413	93637196	5784	6	-0.888757	0.078197	93630862	93631964	93635493	93638891

243 NA18502	[2515685 chr6	6	102041093	102046055	4963	6	-0.815406	0.076921	102040642	102041544	102045198	10204691.
244 NA18502	[2515685 chr6	6	103844099	103855469	11371	5	0.89791	0.084521	103843851	103844347	103854996	10385594.
245 NA18502	[2515685 chr6	6	103855469	103871201	15733	10	3.057889	0.120067	103854996	103855942	103868241	10387416.
246 NA18502	[2515685 chr6	6	115637660	115676977	39318	18	-0.260633	0.042734	115637304	115638016	115673473	11568831.
247 NA18502	[2515685 chr6	6	160056728	160058998	2271	2	-0.734322	0.125821	160055808	160057648	160058322	16005967.
248 NA18502	[2515685 chr6	6	167479669	167482583	2915	2	0.639396	0.125821	167479005	167480333	167482187	16748297.
249 NA18502	[2515685 chr6	6	167768770	167776315	7546	16	0.387361	0.044484	167768683	167768857	167776063	16777656.
250 NA18502	[2515685 chr6	6	168453011	168456762	3752	3	1.086932	0.102931	168452611	168453411	168456200	16845732.
251 NA18502	[2515685 chr6	6	168535543	168537360	1818	12	0.31557	0.051366	168535263	168535824	168537100	16853762.
252 NA18502	[2515685 chr6	6	168780035	168781989	1955	4	-0.565256	0.088969	168779504	168780567	168781555	16878242.
253 NA18502	[2515685 chr6	6	169340173	169347270	7098	30	0.921948	0.032486	169335703	169343677	169347209	16934733.
254 NA18502	[2515685 chr6	6	170603879	170604666	788	2	-1.261136	0.125821	170603541	170604217	170604339	17060499.
255 NA18502	[2515685 chr6	6	170625506	170627028	1523	3	1.256251	0.105991	170625015	170625997	170626579	17062747.
256 NA18502	[2515685 chr6	6	170689560	170694780	5221	18	0.401831	0.04194	170689182	170689938	170694493	17069506.
257 NA18502	[2515685 chr6	6	170721483	170724403	2921	12	0.259724	0.051366	170721218	170721749	170724050	17072475.
258 NA18502	[2515685 chr7	7	164196	173580	9385	13	0.392612	0.049403	163674	164718	173280	17388C
259 NA18502	[2515685 chr7	7	1084125	1088166	4042	16	0.520856	0.044484	1083752	1084499	1087449	108888:
260 NA18502	[2515685 chr7	7	3384111	3392459	8349	8	0.83346	0.06291	3383451	3384772	3390107	339561:
261 NA18502	[2515685 chr7	7	7001613	7003286	1674	2	-0.688772	0.132517	7001344	7001882	7002871	700370:
262 NA18502	[2515685 chr7	7	12877255	12898439	21185	18	-0.819363	0.043606	12876061	12878449	12896087	1290487:
263 NA18502	[2515685 chr7	7	13986358	13998356	11999	13	-0.326209	0.051798	13986046	13986671	13996004	1400394:
264 NA18502	[2515685 chr7	7	14861623	14866192	4570	3	-1.134028	0.105177	14860212	14863034	14864375	1486800:
265 NA18502	[2515685 chr7	7	24073201	24087986	14786	16	-0.772425	0.045069	24071705	24074697	24085634	2409266:
266 NA18502	[2515685 chr7	7	38159778	38178711	18934	20	-0.629868	0.039879	38159476	38160081	38177987	3817943:
267 NA18502	[2515685 chr7	7	43770898	43943926	173029	114	0.295899	0.016676	43768995	43772802	43941574	4402006:
268 NA18502	[2515685 chr7	7	53096159	53101045	4887	2	-0.967496	0.135597	53094883	53097435	53100515	5310157:
269 NA18502	[2515685 chr7	7	53229798	53237272	7475	8	-0.900136	0.07307	53229357	53230239	53235543	5323900:
270 NA18502	[2515685 chr7	7	56652639	56668797	16159	12	0.391059	0.051366	56652228	56653051	56668252	5666934:
271 NA18502	[2515685 chr7	7	57637083	57648467	11385	7	0.39462	0.067254	57634979	57639188	57647779	5764915:
272 NA18502	[2515685 chr7	7	57661036	57667912	6877	8	-0.322271	0.063272	57661027	57661045	57667668	5766815:
273 NA18502	[2515685 chr7	7	57688392	57693448	5057	3	0.591896	0.102732	57688181	57688603	57693264	5769363:
274 NA18502	[2515685 chr7	7	62044122	62068217	24096	16	-0.25442	0.049857	62043836	62044408	62068132	6206830:
275 NA18502	[2515685 chr7	7	62124270	62127972	3703	12	-0.401853	0.051709	62124190	62124350	62127882	6212806:
276 NA18502	[2515685 chr7	7	62406139	62411218	5080	15	-0.253444	0.045943	62405473	62406806	62411133	6241130:
277 NA18502	[2515685 chr7	7	62423752	62430522	6771	18	-0.388784	0.042182	62423322	62424183	62429779	6243126:
278 NA18502	[2515685 chr7	7	62654114	62670115	16002	8	0.359775	0.06291	62653036	62655193	62667763	6267326:
279 NA18502	[2515685 chr7	7	63997159	64008697	11539	14	0.410315	0.047701	63996513	63997805	64008352	6400904:
280 NA18502	[2515685 chr7	7	64033071	64045487	12417	36	-0.346273	0.029656	64032865	64033278	64045069	6404590:
281 NA18502	[2515685 chr7	7	64464087	64467636	3550	11	-0.461147	0.05365	64463669	64464506	64467463	6446781:
282 NA18502	[2515685 chr7	7	64544321	64556662	12342	35	-0.347793	0.030077	64544040	64544602	64556244	6455708:
283 NA18502	[2515685 chr7	7	64691204	64725545	34342	38	0.423267	0.029131	64690582	64691826	64725209	6472588:
284 NA18502	[2515685 chr7	7	69866390	69869623	3234	4	0.650116	0.088969	69865412	69867368	69869269	6986997:
285 NA18502	[2515685 chr7	7	69869623	69871056	1434	2	2.611825	0.15122	69869269	69869978	69870420	6987169:
286 NA18502	[2515685 chr7	7	71928141	71974706	46566	114	0.28508	0.016665	71927988	71928295	71974359	7197505:
287 NA18502	[2515685 chr7	7	73760086	73777199	17114	36	0.308097	0.029656	73759392	73760781	73777083	7377731:
288 NA18502	[2515685 chr7	7	74144095	74147990	3896	14	0.431979	0.047556	74143947	74144243	74147735	7414824:
289 NA18502	[2515685 chr7	7	74551479	74619145	67667	179	0.289721	0.0133	74551132	74551827	74618993	7461929:
290 NA18502	[2515685 chr7	7	74771799	74783402	11604	22	0.287722	0.037936	74771630	74771968	74782714	7478409:
291 NA18502	[2515685 chr7	7	75852950	75860448	7499	10	-0.558282	0.058132	75852510	75853390	75859401	7586149:
292 NA18502	[2515685 chr7	7	76298730	76301152	2423	8	0.468364	0.06291	76298561	76298899	76301004	7630130:
293 NA18502	[2515685 chr7	7	89455106	89456632	1527	3	2.189331	0.131809	89454839	89455373	89456225	8945703:
294 NA18502	[2515685 chr7	7	92972933	92976895	3963	2	-2.533456	0.263493	92972732	92973135	92975569	9297822:
295 NA18502	[2515685 chr7	7	97038345	97047344	9000	16	-0.58717	0.048475	97032531	97040697	97046973	9704771:
296 NA18502	[2515685 chr7	7	97201390	97203016	1627	5	0.606624	0.079576	97201229	97201551	97202739	9720329:
297 NA18502	[2515685 chr7	7	101688536	101925433	236898	311	0.314345	0.010091	101684772	101690888	101924670	10192619.

298 NA18502	[2515685 chr7	7	109034782	109048749	13968	10	1.822202	0.07455	109024063	109037134	109046953	10905054
299 NA18502	[2515685 chr7	7	109776378	109782655	6278	5	0.636426	0.086265	109775821	109776936	109782301	10978301
300 NA18502	[2515685 chr7	7	125639507	125644775	5269	6	-0.782285	0.088117	125639054	125639961	125644046	12564550
301 NA18502	[2515685 chr7	7	126114282	126121632	7351	10	-0.386398	0.056791	126114248	126114317	126121278	12612198
302 NA18502	[2515685 chr7	7	126369902	126375181	5280	6	-0.733323	0.072763	126369503	126370302	126374771	12637559
303 NA18502	[2515685 chr7	7	133241895	133257361	15467	15	1.477747	0.059997	133240782	133243008	133255009	13326093
304 NA18502	[2515685 chr7	7	142733905	142863185	129281	170	0.33926	0.009404	142733678	142734133	142862808	14286356
305 NA18502	[2515685 chr7	7	142892530	143009302	116773	161	0.33926	0.009404	142892450	142892611	143009099	14300950
306 NA18502	[2515685 chr7	7	143243024	143262184	19161	20	-0.276467	0.04107	143242476	143243573	143261848	14326252
307 NA18502	[2515685 chr7	7	143346673	143348067	1395	5	-0.893127	0.079576	143346643	143346704	143347806	14334832
308 NA18502	[2515685 chr7	7	143472403	143473797	1395	5	-0.893127	0.079576	143472142	143472664	143473766	14347382
309 NA18502	[2515685 chr7	7	152967238	152968286	1049	2	-1.01629	0.125817	152966998	152967478	152968034	15296853
310 NA18502	[2515685 chr7	7	157098304	157114331	16028	13	0.2508	0.049351	157097757	157098851	157112943	15711572
311 NA18502	[2515685 chr7	7	158617060	158624380	7321	6	0.684998	0.077067	158616763	158617357	158622028	15862673
312 NA18502	[2515685 chr8	8	1328256	1343509	15254	45	-0.31073	0.026788	1327688	1328824	1342795	1344224
313 NA18502	[2515685 chr8	8	2109102	2122807	13706	17	-0.407253	0.043797	2108407	2109798	2122309	2123306
314 NA18502	[2515685 chr8	8	2238732	2253795	15064	10	-0.771334	0.057314	2233839	2241488	2251039	2257526
315 NA18502	[2515685 chr8	8	4110204	4112526	2323	2	2.282015	0.208967	4109692	4110717	4112031	4113022
316 NA18502	[2515685 chr8	8	5582875	5594011	11137	9	0.718459	0.059312	5582615	5583135	5592820	5595203
317 NA18502	[2515685 chr8	8	6067685	6068703	1019	2	0.726017	0.125821	6067426	6067944	6068359	6069048
318 NA18502	[2515685 chr8	8	7061162	7075965	14804	24	0.404121	0.036321	7060897	7061427	7075687	7076244
319 NA18502	[2515685 chr8	8	7097781	7929654	831874	1660	0.742528	0.004374	7097278	7098285	7929154	7930151
320 NA18502	[2515685 chr8	8	7951432	7966244	14813	38	0.389845	0.028865	7951122	7951743	7965980	7966501
321 NA18502	[2515685 chr8	8	11985531	12072887	87357	175	0.403539	0.006969	11982232	11988287	12072623	1207315
322 NA18502	[2515685 chr8	8	12241637	12511340	269704	393	0.403539	0.006969	12241497	12241777	12510798	1251188
323 NA18502	[2515685 chr8	8	12552893	12570846	17954	39	0.295832	0.028493	12552641	12553145	12570636	12571051
324 NA18502	[2515685 chr8	8	13659264	13695343	36080	30	-0.799635	0.034844	13658432	13660096	13694817	1369586
325 NA18502	[2515685 chr8	8	16245461	16251509	6049	6	-0.830422	0.074089	16245129	16245794	16250812	1625220
326 NA18502	[2515685 chr8	8	16305945	16317940	11996	13	-0.915115	0.049963	16304897	16306994	16317726	1631815
327 NA18502	[2515685 chr8	8	17434550	17435923	1374	2	-0.723183	0.125821	17434174	17434927	17435599	1743624
328 NA18502	[2515685 chr8	8	39481833	39482595	763	2	-0.709971	0.1379	39481653	39482013	39482410	3948278
329 NA18502	[2515685 chr8	8	51286841	51293091	6251	8	-0.326111	0.06291	51286464	51287219	51292783	5129340
330 NA18502	[2515685 chr8	8	52021936	52024227	2292	5	-0.404327	0.079576	52021731	52022142	52023863	5202459
331 NA18502	[2515685 chr8	8	58278355	58296106	17752	17	1.145391	0.044355	58277116	58279595	58295669	5829654
332 NA18502	[2515685 chr8	8	72378534	72380286	1753	2	-0.671805	0.125821	72377848	72379220	72379847	7238072
333 NA18502	[2515685 chr8	8	85423649	85431920	8272	7	0.758002	0.067491	85423043	85424256	85431347	8543249
334 NA18502	[2515685 chr8	8	86742169	86909771	167603	98	0.62222	0.017972	86741757	86742581	86909541	8691000
335 NA18502	[2515685 chr8	8	119282257	119284945	2689	2	0.634	0.125821	119281718	119282797	119284165	11928572
336 NA18502	[2515685 chr8	8	143481581	143483762	2182	3	0.592296	0.102732	143481293	143481870	143483293	14348423
337 NA18502	[2515685 chr8	8	144782808	144785960	3153	2	0.791748	0.125821	144771440	144785564	144785821	14478609
338 NA18502	[2515685 chr8	8	145263688	145273863	10176	15	0.344148	0.045943	145263460	145263916	145273672	14527405
339 NA18502	[2515685 chr8	8	145369108	145417891	48784	20	0.323692	0.039788	145367622	145370594	145417700	14541808
340 NA18502	[2515685 chr8	8	146196075	146201678	5604	12	0.274389	0.051366	146195920	146196231	146201474	14620188
341 NA18502	[2515685 chr9	9	507988	516172	8185	8	-0.993998	0.063302	507436	508540	515712	516633
342 NA18502	[2515685 chr9	9	1238714	1252124	13411	15	-0.257701	0.047019	1238354	1239074	1251900	1252348
343 NA18502	[2515685 chr9	9	7422495	7439929	17435	16	0.429886	0.044844	7410218	7424858	7439403	7440456
344 NA18502	[2515685 chr9	9	12461678	12474973	13296	11	-0.337128	0.055869	12461413	12461944	12472610	1248084
345 NA18502	[2515685 chr9	9	21820393	22028837	208445	3	-0.600759	0.102732	21753810	21822756	22026474	2216620
346 NA18502	[2515685 chr9	9	24487034	24489351	2318	3	-0.683585	0.104221	24486510	24487558	24489018	2448968
347 NA18502	[2515685 chr9	9	30914355	30920389	6035	8	-0.399066	0.064342	30914002	30914708	30919765	3092101
348 NA18502	[2515685 chr9	9	33688323	33690927	2605	3	-0.576804	0.102732	33687588	33689059	33689747	3369210
349 NA18502	[2515685 chr9	9	38396643	38489753	93111	6	-0.379794	0.072643	38273615	38399006	38489488	3849001
350 NA18502	[2515685 chr9	9	38849874	38864486	14613	17	-0.294763	0.043867	38849774	38849975	38864433	3886453
351 NA18502	[2515685 chr9	9	39141292	39196054	54763	95	-0.255228	0.012006	39140975	39141609	39195530	3919657
352 NA18502	[2515685 chr9	9	39201179	39258993	57815	114	-0.255228	0.012006	39200878	39201481	39258547	3925944



353 NA18502	[2515685 chr9	9	39489226	39507377	18152	35	-0.269111	0.014296	39489107	39489345	39506871	3950788:
354 NA18502	[2515685 chr9	9	39512437	39570292	57856	109	-0.269111	0.014296	39512136	39512739	39569846	3957073:
355 NA18502	[2515685 chr9	9	39813768	39815652	1885	3	-0.678782	0.102732	39813502	39814035	39814733	3981657:
356 NA18502	[2515685 chr9	9	40202783	40278863	76081	132	-0.265866	0.010025	40146338	40205146	40278404	4027932:
357 NA18502	[2515685 chr9	9	40285326	40360534	75209	164	-0.265866	0.010025	40285124	40285529	40360153	4036091:
358 NA18502	[2515685 chr9	9	41185977	41210753	24777	47	0.258679	0.025993	41185096	41186858	41210608	4121089:
359 NA18502	[2515685 chr9	9	41234952	41249563	14612	14	-0.307691	0.048454	41234900	41235005	41249466	4124966:
360 NA18502	[2515685 chr9	9	41649237	41651122	1886	3	-0.678782	0.102732	41648318	41650157	41650855	4165138:
361 NA18502	[2515685 chr9	9	42754727	42756705	1979	3	-0.889288	0.102732	42754385	42755070	42755767	4275764:
362 NA18502	[2515685 chr9	9	42875403	42877381	1979	3	-0.889288	0.102732	42875061	42875746	42876443	4287832:
363 NA18502	[2515685 chr9	9	43065211	43066832	1622	2	-0.762021	0.128259	43064261	43066162	43066646	4306701:
364 NA18502	[2515685 chr9	9	43097020	43136691	39672	92	-0.273976	0.011215	43096964	43097077	43136669	4313671:
365 NA18502	[2515685 chr9	9	43142584	43170873	28290	59	-0.273976	0.011215	43142306	43142862	43170670	4317107:
366 NA18502	[2515685 chr9	9	43177346	43213436	36091	71	-0.273976	0.011215	43176888	43177804	43213301	4321357:
367 NA18502	[2515685 chr9	9	44928853	44929710	858	2	0.709768	0.125821	44928333	44929374	44929446	4492997:
368 NA18502	[2515685 chr9	9	45462417	45493026	30610	9	0.305667	0.059312	45461850	45462985	45490663	4549826:
369 NA18502	[2515685 chr9	9	45591290	45624388	33099	11	0.279312	0.05365	45589224	45593357	45623972	4562480:
370 NA18502	[2515685 chr9	9	65998415	66023205	24791	52	0.261012	0.024708	65997534	65999296	66023060	6602335:
371 NA18502	[2515685 chr9	9	66047392	66062001	14610	15	-0.285823	0.046752	66047340	66047445	66061902	6606210:
372 NA18502	[2515685 chr9	9	66762244	66822650	60407	10	0.296377	0.056269	66761966	66762523	66822089	6682321:
373 NA18502	[2515685 chr9	9	87493134	87494470	1337	2	0.685237	0.125821	87492897	87493372	87493826	8749511:
374 NA18502	[2515685 chr9	9	112902065	112931264	29200	41	-0.428902	0.027792	112901557	112902574	112930907	11293162
375 NA18502	[2515685 chr9	9	126059422	126076365	16944	19	0.265181	0.040822	126059121	126059724	126076086	12607664
376 NA18502	[2515685 chr9	9	126599475	126601911	2437	3	0.544462	0.102732	126598552	126600399	126600685	12660313
377 NA18502	[2515685 chr9	9	137473657	137491807	18151	23	0.293458	0.037431	137473537	137473778	137491201	13749241
378 NA18502	[2515685 chr9	9	138282658	138293128	10471	18	0.295991	0.041195	138282272	138283045	138292877	13829338
379 NA18502	[2515685 chr9	9	138324677	138387055	62379	59	0.304629	0.023181	138324125	138325229	138386897	13838721
380 NA18502	[2515685 chr10	10	6693908	6705054	11147	9	0.637935	0.06151	6692231	6695585	6704634	6705474
381 NA18502	[2515685 chr10	10	20036833	20038315	1483	2	-0.688123	0.125821	20036464	20037202	20038007	2003862
382 NA18502	[2515685 chr10	10	20852812	20856434	3623	2	-0.667081	0.128681	20852639	20852986	20853688	2086086
383 NA18502	[2515685 chr10	10	38971268	39018739	47472	48	-0.276318	0.025689	38971109	38971427	39018645	3901883:
384 NA18502	[2515685 chr10	10	42061216	42095168	33953	31	-0.307885	0.032102	42059439	42062994	42095037	4209530:
385 NA18502	[2515685 chr10	10	42367060	42372028	4969	11	0.310435	0.05365	42366820	42367300	42371754	4237230:
386 NA18502	[2515685 chr10	10	42558098	42565662	7565	12	-0.314484	0.052755	42557914	42558283	42565423	4256590
387 NA18502	[2515685 chr10	10	45494180	45517699	23520	61	-0.258073	0.022783	45494173	45494187	45517390	4551800:
388 NA18502	[2515685 chr10	10	46101913	46194276	92364	228	-0.261383	0.003568	46101691	46102135	46194254	4619429:
389 NA18502	[2515685 chr10	10	46196750	47859332	1662583	2259	-0.261383	0.003568	46196419	46197082	47859043	4785962:
390 NA18502	[2515685 chr10	10	47889059	47889830	772	2	-0.739714	0.125821	47888902	47889217	47889529	4789013
391 NA18502	[2515685 chr10	10	47940488	47953558	13071	23	0.27023	0.037411	47939953	47941024	47953195	4795392:
392 NA18502	[2515685 chr10	10	48222213	48223283	1071	2	0.676355	0.127802	48221973	48222453	48222796	4822377:
393 NA18502	[2515685 chr10	10	48488814	48611077	122264	303	-0.274374	0.006718	48488592	48489036	48610821	4861133:
394 NA18502	[2515685 chr10	10	48620019	48937668	317650	388	-0.274374	0.006718	48619988	48620051	48937594	4893774:
395 NA18502	[2515685 chr10	10	48984041	48986108	2068	4	-0.476623	0.089583	48983651	48984432	48985903	4898631:
396 NA18502	[2515685 chr10	10	49018455	49024083	5629	12	0.297765	0.051366	49018055	49018856	49023584	4902458:
397 NA18502	[2515685 chr10	10	51116619	51156297	39679	82	-0.307195	0.01965	51067634	51119365	51156290	5115630:
398 NA18502	[2515685 chr10	10	51580352	51581394	1043	2	1.444776	0.139146	51580153	51580551	51581064	5158172:
399 NA18502	[2515685 chr10	10	56117212	56139275	22064	20	-1.023207	0.040736	56115764	56118661	56138931	5613961:
400 NA18502	[2515685 chr10	10	58879708	58882015	2308	5	-1.033917	0.086424	58879568	58879849	58881863	5888216:
401 NA18502	[2515685 chr10	10	81224097	81234149	10053	11	-0.292095	0.055922	81223849	81224345	81231403	8124225:
402 NA18502	[2515685 chr10	10	81380942	81432382	51441	59	-0.261208	0.023532	81380568	81381316	81431807	8143295:
403 NA18502	[2515685 chr10	10	81662330	81668479	6150	9	-0.410476	0.059312	81662046	81662614	81668415	8166854:
404 NA18502	[2515685 chr10	10	88823459	88836422	12964	17	-0.342175	0.043462	88823233	88823685	88835452	8883739:
405 NA18502	[2515685 chr10	10	88866216	88958947	92732	103	-0.454419	0.017601	88865617	88866816	88957355	8896054:
406 NA18502	[2515685 chr10	10	89010538	89016296	5759	8	-0.371648	0.06291	89009863	89011213	89014572	8901802:
407 NA18502	[2515685 chr10	10	89144692	89180666	35975	56	-0.339105	0.023966	89144420	89144965	89180586	8918074:

408 NA18502	[2515685 chr10	10	102488166	102492572	4407	6	0.367652	0.072643	102487783	102488550	102492353	10249279
409 NA18502	[2515685 chr10	10	114102241	114106477	4237	5	-3.362711	0.150038	114101694	114102788	114105867	11410708
410 NA18502	[2515685 chr10	10	124333086	124335472	2387	3	0.53699	0.102732	124332451	124333721	124335364	12433558
411 NA18502	[2515685 chr10	10	124336365	124341749	5385	6	0.924987	0.074183	124335581	124337149	124341238	12434226
412 NA18502	[2515685 chr10	10	124345789	124348266	2478	3	0.599225	0.102732	124345154	124346424	124348238	12434829
413 NA18502	[2515685 chr10	10	125182764	125184178	1415	2	0.665466	0.125821	125182454	125183075	125183729	12518462
414 NA18502	[2515685 chr10	10	127512201	127515080	2880	4	-0.451998	0.08897	127511833	127512570	127514637	12751552
415 NA18502	[2515685 chr10	10	127564343	127582849	18507	17	-0.381988	0.043156	127563306	127565381	127581533	12758416
416 NA18502	[2515685 chr10	10	134168766	134170259	1494	17	-0.938336	0.043155	134168524	134169008	134170097	13417042
417 NA18502	[2515685 chr10	10	134926337	134958343	32007	40	0.266938	0.028134	134926184	134926490	134957814	13495887
418 NA18502	[2515685 chr10	10	135039377	135042600	3224	3	0.602389	0.102732	135038382	135040372	135042356	13504284
419 NA18502	[2515685 chr10	10	135367159	135389814	22656	19	-0.305713	0.040822	135366656	135367663	135387500	13539212
420 NA18502	[2515685 chr11	11	2809992	2820446	10455	12	0.358598	0.051366	2809675	2810309	2819910	282098
421 NA18502	[2515685 chr11	11	3340621	3347185	6565	3	-0.823962	0.108518	3339024	3342218	3345938	3348443
422 NA18502	[2515685 chr11	11	3596686	3602209	5524	7	0.349139	0.067254	3596097	3597275	3601914	360250
423 NA18502	[2515685 chr11	11	3628748	3632795	4048	6	-2.214771	0.082859	3625722	3631775	3632594	363299
424 NA18502	[2515685 chr11	11	4196036	4334469	138434	170	-0.449345	0.013721	4195615	4196457	4334236	433470
425 NA18502	[2515685 chr11	11	5717038	5718491	1454	2	4.023772	0.217501	5716660	5717416	5718038	571894
426 NA18502	[2515685 chr11	11	5741269	5765993	24725	29	1.908715	0.044024	5741059	5741480	5765632	576635
427 NA18502	[2515685 chr11	11	5830457	5843036	12580	12	-0.600445	0.053191	5828206	5832709	5839952	584917
428 NA18502	[2515685 chr11	11	18906905	18928671	21767	29	0.686937	0.033695	18906533	18907278	18928457	1892888
429 NA18502	[2515685 chr11	11	25563262	25581847	18586	23	-0.756756	0.037787	25562874	25563651	25581052	2558264
430 NA18502	[2515685 chr11	11	30128605	30133794	5190	5	-0.817397	0.079576	30127846	30129364	30133432	3013415
431 NA18502	[2515685 chr11	11	48284073	48285508	1436	3	0.587666	0.102732	48283862	48284285	48285336	4828568
432 NA18502	[2515685 chr11	11	48616682	48858032	241351	12	-0.344482	0.05437	48615838	48617526	48857892	4885817
433 NA18502	[2515685 chr11	11	49038483	49051212	12730	29	-0.304843	0.033045	490386280	49038687	49050687	4905173
434 NA18502	[2515685 chr11	11	49665830	49715832	50003	36	0.342917	0.030664	49665251	49666410	49712748	4972198
435 NA18502	[2515685 chr11	11	54974441	54979405	4965	3	-0.644833	0.107368	54972670	54976212	54979178	5497963
436 NA18502	[2515685 chr11	11	55124643	55216488	91846	99	-0.727769	0.018782	55124460	55124827	55215759	5521721
437 NA18502	[2515685 chr11	11	60684527	60693989	9463	9	0.342501	0.059312	60684310	60684744	60693735	6069424
438 NA18502	[2515685 chr11	11	60722802	60777477	54676	72	0.615493	0.02104	60722435	60723170	60776810	6077814
439 NA18502	[2515685 chr11	11	60806571	60819905	13335	14	0.252596	0.047556	60806157	60806986	60819593	6082021
440 NA18502	[2515685 chr11	11	71195164	71231215	36052	66	0.278891	0.021903	71194988	71195341	71228131	7123756
441 NA18502	[2515685 chr11	11	73815147	73817979	2833	2	-0.769233	0.125821	73812981	73817313	73817746	7381821
442 NA18502	[2515685 chr11	11	79652672	79662284	9613	8	-0.743346	0.064577	79651987	79653357	79659200	7966807
443 NA18502	[2515685 chr11	11	85981700	85984113	2414	3	-0.683219	0.102732	85981147	85982254	85983791	8598443
444 NA18502	[2515685 chr11	11	89135297	89149453	14157	20	-0.292507	0.040242	89134626	89135969	89148961	8914994
445 NA18502	[2515685 chr11	11	89214964	89375169	160206	274	-0.263117	0.010823	89214753	89215176	89374958	8937538
446 NA18502	[2515685 chr11	11	104427891	104437123	9233	11	-0.626615	0.056809	104425560	104430223	104436554	10443769
447 NA18502	[2515685 chr11	11	106744846	106751055	6210	9	-0.741338	0.063554	106744561	106745131	106747971	10675483
448 NA18502	[2515685 chr11	11	134107699	134112290	4592	5	0.738854	0.083009	134106591	134108808	134111845	13411273
449 NA18502	[2515685 chr12	12	398598	404873	6276	14	0.34008	0.047556	398035	399161	401600	408146
450 NA18502	[2515685 chr12	12	530321	536927	6607	9	0.29854	0.059312	530087	530555	536719	537136
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457 NA18502	[2515685 chr12	12	9359914	9361328	1415	4	0.447613	0.088969	9359727	9360101	9360890	936176
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459 NA18502	[2515685 chr12	12	9524239	9610804	86566	94	1.081006	0.020134	9523968	9524510	9610082	961152
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463 NA18502	[2515685 chr12	12	11350410	11380186	29777	26	-0.296389	0.02774	11350198	11350623	11376693	1138536:
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466 NA18502	[2515685 chr12	12	22462548	22473120	10573	7	0.668091	0.071912	22461792	22463304	22471641	2247459:
467 NA18502	[2515685 chr12	12	30284867	30293166	8300	7	-0.394708	0.074032	30284578	30285157	30291261	3029507:
468 NA18502	[2515685 chr12	12	31098004	31099555	1552	2	0.669862	0.125821	31097721	31098287	31099075	3110003:
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476 NA18502	[2515685 chr12	12	70475445	70476812	1368	2	-0.773501	0.128449	70475180	70475711	70476524	7047710:
477 NA18502	[2515685 chr12	12	78656134	78662713	6580	5	-0.799701	0.082058	78654687	78657582	78662575	7866285:
478 NA18502	[2515685 chr12	12	98296195	98302023	5829	12	-0.705508	0.053592	98295885	98296506	98298530	9830594:
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481 NA18502	[2515685 chr12	12	130299914	130301871	1958	3	0.54905	0.102732	130299668	130300160	130301594	13030214:
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483 NA18502	[2515685 chr12	12	132249060	132249924	865	2	0.722586	0.125821	132248918	132249203	132249666	13225018:
484 NA18502	[2515685 chr13	13	18217757	18277248	59492	20	0.276483	0.039788	18217719	18217795	18245111	1827938:
485 NA18502	[2515685 chr13	13	25947233	25950398	3166	3	2.703312	0.137043	25946194	25948272	25949415	2595138:
486 NA18502	[2515685 chr13	13	31430484	31437209	6726	7	-0.627146	0.071243	31430130	31430838	31436488	3143793:
487 NA18502	[2515685 chr13	13	33029573	33042392	12820	8	0.644458	0.06625	33000262	33034253	33041860	3304292:
488 NA18502	[2515685 chr13	13	56653890	56686136	32247	30	-0.802101	0.034223	56650401	56657380	56685381	5668689:
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490 NA18502	[2515685 chr13	13	65909883	65912121	2239	2	0.669613	0.125821	65909211	65910555	65911294	6591294:
491 NA18502	[2515685 chr13	13	69633905	69673289	39385	42	0.654437	0.028675	69633412	69634399	69672985	6967359:
492 NA18502	[2515685 chr13	13	84596974	84604069	7096	4	-0.452209	0.090394	84590963	84601654	84603798	8460434:
493 NA18502	[2515685 chr13	13	109215660	109217089	1430	5	0.723122	0.079576	109215230	109216090	109216885	10921729:
494 NA18502	[2515685 chr13	13	113079647	113081814	2168	2	0.890873	0.125821	113078890	113080404	113081491	11308213:
495 NA18502	[2515685 chr14	14	18437470	18707498	270029	386	-0.405891	0.00447	18437443	18437497	18706650	1870834:
496 NA18502	[2515685 chr14	14	18713012	18716871	3860	10	-0.405891	0.00447	18712887	18713138	18716793	1871694:
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503 NA18502	[2515685 chr14	14	19280719	19364312	83594	75	-0.405891	0.00447	19280472	19280967	19363973	1936465:
504 NA18502	[2515685 chr14	14	19372197	19494842	122646	121	-0.405891	0.00447	19367437	19377318	19494444	1949524:
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506 NA18502	[2515685 chr14	14	27460997	27466157	5161	7	-0.379042	0.071829	27460740	27461254	27465668	2746664:
507 NA18502	[2515685 chr14	14	32022775	32026140	3366	2	-0.807521	0.125821	32022274	32023276	32023749	3202853:
508 NA18502	[2515685 chr14	14	40892019	40897384	5366	6	-0.422443	0.0794	40891793	40892245	40897151	4089761:
509 NA18502	[2515685 chr14	14	41983819	41990026	6208	6	-0.445998	0.073896	41983366	41984273	41989626	4199042:
510 NA18502	[2515685 chr14	14	42059344	42062997	3654	2	0.774245	0.125821	42056485	42062203	42062601	4206339:
511 NA18502	[2515685 chr14	14	73063171	73122855	59685	54	0.75262	0.024742	73061866	73064476	73122227	7312348:
512 NA18502	[2515685 chr14	14	104680375	104720861	40487	52	0.297252	0.024675	104679870	104680880	104720126	10472159:
513 NA18502	[2515685 chr14	14	104766812	104778505	11694	145	-0.37407	0.014776	104766457	104767167	104778286	10477872:
514 NA18502	[2515685 chr15	15	18509147	18533067	23921	26	0.378703	0.034896	18508505	18509790	18532844	1853329:
515 NA18502	[2515685 chr15	15	18705202	18750936	45735	50	0.436974	0.025166	18704600	18705805	18750719	1875115:
516 NA18502	[2515685 chr15	15	18804664	18855168	50505	60	0.406802	0.022972	18804357	18804971	18854988	1885534:
517 NA18502	[2515685 chr15	15	18906667	18908829	2163	4	0.650449	0.088969	18906373	18906961	18908592	1890906:

518 NA18502	[2515685 chr15	15	18994141	18995576	1436	7	0.387073	0.067254	18993962	18994321	18995346	18995807
519 NA18502	[2515685 chr15	15	19099205	19110049	10845	16	0.440862	0.044484	19093862	19101508	19109165	19110934
520 NA18502	[2515685 chr15	15	19346430	19466745	120316	134	0.292645	0.015428	19346222	19346639	19466696	19466794
521 NA18502	[2515685 chr15	15	19520574	19544907	24334	32	0.357746	0.03191	19519929	19521219	19544684	19545134
522 NA18502	[2515685 chr15	15	19761204	19795268	34065	37	0.328076	0.02964	19663241	19763507	19795095	19795444
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524 NA18502	[2515685 chr15	15	19874194	19884979	10786	15	-0.567074	0.046768	19873671	19874718	19884772	19885184
525 NA18502	[2515685 chr15	15	19916618	20091650	175033	175	0.451759	0.013479	19916422	19916814	20091416	20091884
526 NA18502	[2515685 chr15	15	20242111	20250088	7978	8	0.370908	0.06291	20241894	20242329	20249914	20250264
527 NA18502	[2515685 chr15	15	20865501	20867668	2168	4	0.619833	0.088969	20865204	20865798	20867431	20867904
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529 NA18502	[2515685 chr15	15	21015083	21119579	104497	66	0.270157	0.021903	21014882	21015285	21119347	21119814
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533 NA18502	[2515685 chr15	15	22201767	22223001	21235	29	-0.273828	0.033115	22201609	22201926	22222812	22223194
534 NA18502	[2515685 chr15	15	22237721	22273082	35362	45	-0.365828	0.027065	22237445	22237998	22272928	22273234
535 NA18502	[2515685 chr15	15	22658272	22662230	3959	3	-1.09099	0.104175	22658051	22658494	22659927	22669494
536 NA18502	[2515685 chr15	15	24986053	24992250	6198	7	0.651337	0.069186	24985426	24986680	24991680	24992824
537 NA18502	[2515685 chr15	15	26135294	26137335	2042	4	0.618372	0.088969	26134997	26135591	26137216	26137454
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540 NA18502	[2515685 chr15	15	26695549	26697710	2162	4	0.610493	0.088969	26695312	26695786	26697414	26698004
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542 NA18502	[2515685 chr15	15	26859725	26863461	3737	5	-0.4308	0.079576	26859503	26859948	26863295	26863624
543 NA18502	[2515685 chr15	15	28183172	28214153	30982	63	-0.265944	0.022417	28182925	28183419	28213965	28214344
544 NA18502	[2515685 chr15	15	28461402	28471779	10378	23	-0.288467	0.037102	28460916	28461889	28470757	28472804
545 NA18502	[2515685 chr15	15	28653461	28682435	28975	60	-0.254551	0.022972	28652423	28654500	28681552	28683314
546 NA18502	[2515685 chr15	15	30483175	30513546	30372	60	-0.261652	0.023029	30482988	30483363	30512958	30514134
547 NA18502	[2515685 chr15	15	30618243	30626418	8176	17	-0.289489	0.044912	30617993	30618493	30625946	30626894
548 NA18502	[2515685 chr15	15	32489473	32495147	5675	6	0.43303	0.072643	32488638	32490308	32494339	32495954
549 NA18502	[2515685 chr15	15	32636585	32641373	4789	6	0.466406	0.072643	32636530	32636640	32640565	32642184
550 NA18502	[2515685 chr15	15	41674906	41679935	5030	9	0.321664	0.059312	41674664	41675148	41679570	41680304
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552 NA18502	[2515685 chr15	15	43153369	43154013	645	2	-0.836148	0.125821	43153155	43153584	43153678	43154344
553 NA18502	[2515685 chr15	15	74671388	74682821	11434	9	0.823825	0.063839	74671122	74671654	74680518	74689514
554 NA18502	[2515685 chr15	15	75117585	75119490	1906	3	0.714255	0.104755	75117343	75117827	75119240	75119744
555 NA18502	[2515685 chr15	15	82869848	82876848	7001	3	-0.521099	0.102732	82860467	82872151	82875844	82877854
556 NA18502	[2515685 chr15	15	83685983	83688723	2741	2	-0.679868	0.125821	83684729	83687238	83687705	83689744
557 NA18502	[2515685 chr15	15	95613870	95617173	3304	2	0.684512	0.125821	95609763	95616173	95616758	95617584
558 NA18502	[2515685 chr15	15	95898352	95902632	4281	7	-0.387651	0.068052	95898147	95898557	95901991	95903274
559 NA18502	[2515685 chr15	15	98234084	98240716	6633	8	0.719334	0.0733	98233842	98234327	98239350	98242084
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561 NA18502	[2515685 chr15	15	100109640	100122682	13043	98	0.754369	0.01798	100108905	100110376	100122315	100123054
562 NA18502	[2515685 chr16	16	806992	808765	1774	2	0.66324	0.125821	806062	807922	808458	809072
563 NA18502	[2515685 chr16	16	2638196	2640225	2030	3	-0.562584	0.106299	2637783	2638609	2639826	2640624
564 NA18502	[2515685 chr16	16	5287117	5290632	3516	2	1.152876	0.146959	5286149	5288085	5288751	5293274
565 NA18502	[2515685 chr16	16	5367156	5369567	2412	3	-0.821808	0.102732	5366406	5367907	5369326	5369804
566 NA18502	[2515685 chr16	16	12597419	12615138	17720	15	-0.441752	0.046838	12588878	12599300	12614734	12615544
567 NA18502	[2515685 chr16	16	14694328	14707381	13054	11	0.639373	0.05365	14693859	14694798	14706351	14708414
568 NA18502	[2515685 chr16	16	14733448	14746503	13056	11	0.639373	0.05365	14732976	14733921	14745473	14747534
569 NA18502	[2515685 chr16	16	14955818	15030359	74542	68	-0.290295	0.021624	14955356	14956281	15029969	15030754
570 NA18502	[2515685 chr16	16	15711970	15720652	8683	10	0.293318	0.056269	15711487	15712454	15720125	15721174
571 NA18502	[2515685 chr16	16	16470058	16471982	1925	3	-0.560916	0.112168	16469461	16470656	16471575	16472394
572 NA18502	[2515685 chr16	16	16633469	16639120	5652	4	0.651351	0.089352	16632502	16634437	16638386	16639854

573 NA18502	[2515685 chr16	16	18508330	18511859	3530	5	0.416978	0.079576	18507917	18508743	18511570	18512141
574 NA18502	[2515685 chr16	16	28507651	28533918	26268	36	0.262368	0.029656	28507328	28507974	28533647	28534181
575 NA18502	[2515685 chr16	16	29368396	29396218	27823	38	0.27444	0.028865	29368118	29368674	29395889	29396541
576 NA18502	[2515685 chr16	16	30098809	30137274	38466	53	0.256923	0.024442	30098038	30099581	30137202	30137374
577 NA18502	[2515685 chr16	16	32073573	32075147	1575	4	0.738371	0.088969	32073268	32073879	32074517	32075771
578 NA18502	[2515685 chr16	16	32159898	32160377	480	2	-0.768518	0.125821	32159453	32160343	32160346	32160401
579 NA18502	[2515685 chr16	16	32606692	32607163	472	2	-0.768518	0.125821	32606661	32606724	32606727	32607591
580 NA18502	[2515685 chr16	16	32690003	32691563	1561	4	0.738371	0.088969	32689373	32690634	32691272	32691851
581 NA18502	[2515685 chr16	16	33016481	33018043	1563	4	0.738371	0.088969	33016187	33016775	33017413	33018671
582 NA18502	[2515685 chr16	16	33100875	33101346	472	2	-0.768518	0.125821	33100438	33101312	33101315	33101371
583 NA18502	[2515685 chr16	16	33157406	33157879	474	2	-0.768518	0.125821	33156967	33157845	33157848	33157911
584 NA18502	[2515685 chr16	16	33282049	33336488	54440	64	0.345447	0.022242	33281743	33282355	33336324	33336651
585 NA18502	[2515685 chr16	16	33512489	33526848	14360	21	0.357226	0.038829	33511938	33513041	33526548	33527141
586 NA18502	[2515685 chr16	16	34326899	34476111	149213	144	-0.417609	0.010224	34326619	34327179	34475942	34476281
587 NA18502	[2515685 chr16	16	34478341	34541632	63292	83	-0.417609	0.010224	34478193	34478489	34540042	34543221
588 NA18502	[2515685 chr16	16	34548775	34609074	60300	74	-0.417609	0.010224	34548392	34549159	34607193	34617321
589 NA18502	[2515685 chr16	16	57204541	57207585	3045	3	3.357054	0.174491	57204170	57204913	57206938	57208231
590 NA18502	[2515685 chr16	16	68711106	68748006	36901	40	-0.348886	0.028173	68710302	68711911	68747606	68748401
591 NA18502	[2515685 chr16	16	72930342	72952720	22379	20	-0.290272	0.040106	72929814	72930870	72951609	72953831
592 NA18502	[2515685 chr16	16	76930776	76942282	11507	9	0.651855	0.059336	76930290	76931263	76941602	76942961
593 NA18502	[2515685 chr16	16	83994929	84004171	9243	81	-0.528116	0.019773	83994558	83995300	84003767	84004571
594 NA18502	[2515685 chr16	16	86577814	86584602	6789	6	-0.395753	0.075615	86577511	86578118	86583983	86585521
595 NA18502	[2515685 chr16	16	88173073	88174748	1676	3	0.609887	0.102732	88172794	88173352	88174105	88175391
596 NA18502	[2515685 chr16	16	88690375	88710329	19955	27	0.264092	0.034244	88689870	88690880	88710203	88710451
597 NA18502	[2515685 chr17	17	18857084	18993014	135931	236	0.471952	0.00908	18856742	18857427	18992585	18993441
598 NA18502	[2515685 chr17	17	18997456	19068740	71285	138	0.471952	0.00908	18996984	18997929	19068268	19069211
599 NA18502	[2515685 chr17	17	19072947	19082194	9248	9	0.341911	0.059312	19072753	19073142	19081776	19082611
600 NA18502	[2515685 chr17	17	21415033	21418282	3250	2	0.924961	0.125821	21410935	21417234	21417641	21418921
601 NA18502	[2515685 chr17	17	21423670	21424469	800	3	-0.76121	0.104244	21423419	21423921	21424282	21424651
602 NA18502	[2515685 chr17	17	21743034	21744425	1392	4	-0.692517	0.089945	21742564	21743505	21744265	21744581
603 NA18502	[2515685 chr17	17	21826349	21834752	8404	7	0.96949	0.067252	21826238	21826461	21833710	21835791
604 NA18502	[2515685 chr17	17	21946928	21948121	1194	2	-0.728682	0.125821	21946587	21947270	21947757	21948481
605 NA18502	[2515685 chr17	17	28819838	28905566	85729	2	-0.688197	0.125821	28709546	28822039	28903365	28949831
606 NA18502	[2515685 chr17	17	31430406	31461078	30673	51	0.545795	0.00766	31429658	31431155	31460534	31461621
607 NA18502	[2515685 chr17	17	31505204	31835531	330328	457	0.545795	0.00766	31504585	31505824	31835215	31835841
608 NA18502	[2515685 chr17	17	31865078	31886556	21479	65	0.455829	0.02207	31864350	31865807	31886086	31887021
609 NA18502	[2515685 chr17	17	32829500	32835174	5675	6	0.919241	0.072806	32828825	32830175	32833793	32836551
610 NA18502	[2515685 chr17	17	33342783	33353504	10722	22	-0.253164	0.037936	33339684	33344984	33353350	33353651
611 NA18502	[2515685 chr17	17	33354516	33395697	41182	113	0.436505	0.00882	33354273	33354759	33395511	33395881
612 NA18502	[2515685 chr17	17	33408561	33656856	248296	283	0.436505	0.00882	33408077	33409045	33656725	33656981
613 NA18502	[2515685 chr17	17	36646378	36649001	2624	2	-0.640483	0.125821	36645905	36646851	36648704	36649291
614 NA18502	[2515685 chr17	17	36675530	36685343	9814	10	-0.638215	0.059876	36675011	36676049	36684647	36686041
615 NA18502	[2515685 chr17	17	36760802	36779372	18571	20	-0.634446	0.042854	36760010	36761595	36779070	36779671
616 NA18502	[2515685 chr17	17	36785682	36798742	13061	10	0.441583	0.057293	36785202	36786162	36798505	36798981
617 NA18502	[2515685 chr17	17	41918655	41936195	17541	17	-0.304671	0.043156	41917641	41919669	41935940	41936451
618 NA18502	[2515685 chr17	17	42478607	42486351	7745	14	0.253126	0.047556	42478053	42479161	42486064	42486631
619 NA18502	[2515685 chr17	17	42978063	43026670	48608	72	0.628653	0.021009	42977854	42978272	43025568	43027771
620 NA18502	[2515685 chr17	17	43126717	43133059	6343	3	0.524731	0.102732	43125872	43127562	43131328	43134791
621 NA18502	[2515685 chr17	17	55368842	55372541	3700	5	0.475602	0.079576	55368278	55369406	55372325	55372751
622 NA18502	[2515685 chr17	17	55436772	55464705	27934	45	0.353319	0.026524	55436212	55437333	55464088	55465321
623 NA18502	[2515685 chr17	17	55513801	55560453	46653	21	0.279769	0.038902	55513299	55514303	55558252	55591671
624 NA18502	[2515685 chr17	17	57652724	57667804	15081	18	0.351311	0.04194	57652052	57653396	57667259	57668341
625 NA18502	[2515685 chr17	17	57683649	57709501	25853	57	0.431013	0.023572	57683473	57683826	57709158	57709841
626 NA18502	[2515685 chr17	17	60333024	60356500	23477	19	-0.280455	0.040995	60332770	60333279	60355098	60357901
627 NA18502	[2515685 chr18	18	14132495	14140865	8371	13	0.254555	0.049351	14132172	14132818	14140676	14141051

628 NA18502	[2515685 chr18	18	14246928	14322605	75678	22	0.426175	0.037935	14244529	14249327	14320558	1432465:
629 NA18502	[2515685 chr18	18	14554804	14572648	17845	19	-0.355183	0.040822	14554346	14555263	14572112	1457318:
630 NA18502	[2515685 chr18	18	14861121	14875653	14533	19	0.253066	0.040822	14860765	14861478	14875278	1487602:
631 NA18502	[2515685 chr18	18	35757666	35768270	10605	5	-0.422113	0.079583	35757036	35758297	35765640	3577090:
632 NA18502	[2515685 chr18	18	36514289	36518453	4165	3	-1.150942	0.11117	36513759	36514820	36518173	3651873:
633 NA18502	[2515685 chr18	18	42797012	42815380	18369	21	-0.435283	0.038829	42796537	42797488	42810800	4288915:
634 NA18502	[2515685 chr18	18	61917747	61919854	2108	3	1.905367	0.133075	61917522	61917973	61919012	6192069:
635 NA18502	[2515685 chr18	18	74231104	74234275	3172	30	0.449583	0.032487	74230952	74231256	74234139	7423441:
636 NA18502	[2515685 chr18	18	74297715	74299391	1677	5	-0.513132	0.079576	74297243	74298187	74299167	7429961:
637 NA18502	[2515685 chr18	18	74392800	74398225	5426	4	0.565682	0.097627	74390826	74394774	74397790	7439866:
638 NA18502	[2515685 chr19	19	58103	60766	2664	2	0.855903	0.125821	57927	58280	60510	61022
639 NA18502	[2515685 chr19	19	274182	276410	2229	3	0.616646	0.102732	273796	274569	276173	276648
640 NA18502	[2515685 chr19	19	310414	312953	2540	14	-1.802313	0.049224	309687	311142	312913	312994
641 NA18502	[2515685 chr19	19	1200296	1202522	2227	3	0.661151	0.102732	1199725	1200868	1202197	120284:
642 NA18502	[2515685 chr19	19	15074504	15102751	28248	36	0.268567	0.029656	15073611	15075398	15102181	1510332:
643 NA18502	[2515685 chr19	19	22150585	22152298	1714	5	-0.592303	0.104378	22150417	22150753	22152009	2215258:
644 NA18502	[2515685 chr19	19	22869266	22878458	9193	14	0.257603	0.047852	22869164	22869368	22877870	2287904:
645 NA18502	[2515685 chr19	19	22931048	22934541	3494	2	1.094863	0.125821	22918199	22933577	22934109	2293497:
646 NA18502	[2515685 chr19	19	23007902	23015569	7668	8	0.442289	0.066784	22990964	23010431	23015468	2301567:
647 NA18502	[2515685 chr19	19	23683118	23683893	776	2	-0.640737	0.125966	23682751	23683485	23683673	2368411:
648 NA18502	[2515685 chr19	19	24146650	24146898	249	3	-0.535138	0.104835	24146639	24146662	24146708	2414708:
649 NA18502	[2515685 chr19	19	24147818	24148730	913	4	-0.784077	0.097858	24147801	24147835	24148193	2414926:
650 NA18502	[2515685 chr19	19	24152454	24155800	3347	22	0.349176	0.037936	24152435	24152473	24155376	2415622:
651 NA18502	[2515685 chr19	19	39419234	39422498	3265	5	0.517401	0.079576	39418853	39419616	39421681	3942331:
652 NA18502	[2515685 chr19	19	41450185	41493614	43430	28	0.508578	0.033626	41421528	41452714	41491085	4149785:
653 NA18502	[2515685 chr19	19	42450471	42487512	37042	33	0.568244	0.030974	42413600	42453000	42486487	4248853:
654 NA18502	[2515685 chr19	19	53097313	53154327	57015	106	-0.582131	0.01728	53096909	53097718	53152350	5315630:
655 NA18502	[2515685 chr19	19	55248807	55253190	4384	3	-0.962636	0.111422	55247902	55249712	55252939	5525344:
656 NA18502	[2515685 chr19	19	55286131	55336157	50027	103	-0.600897	0.01753	55286025	55286237	55335244	5533707:
657 NA18502	[2515685 chr19	19	56883369	56896908	13540	16	0.30169	0.044484	56882926	56883813	56896533	5689728:
658 NA18502	[2515685 chr19	19	58211794	58244458	32665	25	-0.735803	0.036403	58211007	58212582	58243893	5824502:
659 NA18502	[2515685 chr19	19	59360363	59367843	7481	8	0.350119	0.06291	59359842	59360885	59367268	5936841:
660 NA18502	[2515685 chr19	19	59422281	59435274	12994	15	-0.467632	0.045991	59421840	59422722	59435027	5943552:
661 NA18502	[2515685 chr19	19	59492384	59498950	6567	7	0.477777	0.067415	59491977	59492791	59497077	5950082:
662 NA18502	[2515685 chr19	19	59616993	59625603	8611	9	0.369334	0.059312	59616540	59617447	59625048	5962615:
663 NA18502	[2515685 chr20	20	1511097	1532477	21381	25	-1.606812	0.045854	1510534	1511660	1532182	153277:
664 NA18502	[2515685 chr20	20	2303224	2304570	1347	2	-0.745398	0.146526	2302920	2303529	2304375	230476:
665 NA18502	[2515685 chr20	20	8551893	8558018	6126	9	-0.359715	0.060848	8551632	8552155	8557679	855835:
666 NA18502	[2515685 chr20	20	25718070	25723298	5229	7	-0.348575	0.067254	25717754	25718386	25722433	2572416:
667 NA18502	[2515685 chr20	20	25730081	25735503	5423	5	-0.514002	0.079576	25730023	25730139	25735035	2573597:
668 NA18502	[2515685 chr20	20	25770348	25771875	1528	2	-0.711955	0.125821	25770038	25770658	25770659	2577309:
669 NA18502	[2515685 chr20	20	25785051	25799175	14125	10	0.331305	0.056269	25784344	25785759	25798661	2579968:
670 NA18502	[2515685 chr20	20	25941300	25942825	1526	2	-0.711955	0.125821	25940088	25942512	25942513	2594313:
671 NA18502	[2515685 chr20	20	25977672	25983093	5422	5	-0.514002	0.079576	25977204	25978140	25983035	2598315:
672 NA18502	[2515685 chr20	20	25989876	25995104	5229	7	-0.348575	0.067254	25989011	25990742	25994788	2599542:
673 NA18502	[2515685 chr20	20	28126635	28149369	22735	28	0.25187	0.033627	28124462	28128809	28149114	2814962:
674 NA18502	[2515685 chr20	20	35736931	35738843	1913	2	1.103305	0.129004	35736234	35737629	35738606	3573908:
675 NA18502	[2515685 chr20	20	49817373	49819212	1840	2	0.970007	0.126069	49816867	49817880	49818962	4981946:
676 NA18502	[2515685 chr20	20	61689156	61699654	10499	15	0.320099	0.045943	61688940	61689372	61699290	6170001:
677 NA18502	[2515685 chr20	20	62066380	62068214	1835	8	1.304256	0.062908	62066146	62066615	62067671	6206875:
678 NA18502	[2515685 chr20	20	62371216	62373725	2510	3	0.621884	0.102732	62370954	62371479	62373315	6237413:
679 NA18502	[2515685 chr21	21	9912154	10007475	95322	16	-0.263551	0.044484	9909326	9914982	10006691	1000825:
680 NA18502	[2515685 chr21	21	10123436	10131504	8069	4	-0.5464	0.088969	10119943	10126929	10131080	1013192:
681 NA18502	[2515685 chr21	21	13962300	13968799	6500	5	-0.451369	0.079576	13962093	13962508	13967342	1397025:
682 NA18502	[2515685 chr21	21	20768592	20772226	3635	3	-0.530489	0.103808	20768211	20768974	20770668	2077378:

683 NA18502	[2515685 chr22	22	14472220	14536261	64042	123	-0.41317	0.006861	14472061	14472380	14536238	1453628-
684 NA18502	[2515685 chr22	22	14542087	14715628	173542	320	-0.41317	0.006861	14541593	14542582	14715499	1471575!
685 NA18502	[2515685 chr22	22	14718459	14747237	28779	58	-0.41317	0.006861	14717874	14719044	14746998	14747477
686 NA18502	[2515685 chr22	22	14750345	14830910	80566	143	-0.41317	0.006861	14750176	14750515	14830451	1483136!
687 NA18502	[2515685 chr22	22	15281833	15335360	53528	47	-0.308991	0.025957	15281197	15282470	15333227	1533749-
688 NA18502	[2515685 chr22	22	17185238	17201545	16308	31	0.265994	0.031958	17184390	17186086	17201236	1720185!
689 NA18502	[2515685 chr22	22	18233790	18248589	14800	7	0.414153	0.067254	18231898	18235682	18247887	1824929;
690 NA18502	[2515685 chr22	22	19392079	19743926	351848	14	-0.293498	0.047556	19391751	19392407	19742071	1974578;
691 NA18502	[2515685 chr22	22	19810859	19830324	19466	38	0.254234	0.028865	19810848	19810870	19829940	1983070!
692 NA18502	[2515685 chr22	22	20087548	20094001	6454	6	-0.37571	0.072643	20086373	20088724	20094000	2009400;
693 NA18502	[2515685 chr22	22	20198571	20205022	6452	7	-0.413675	0.067254	20198570	20198572	20203846	2020619!
694 NA18502	[2515685 chr22	22	22611178	22615116	3939	3	-0.550118	0.108705	22609725	22612631	22614886	2261534
695 NA18502	[2515685 chr22	22	22667662	22677557	9896	15	0.257524	0.047733	22667642	22667682	22677005	2267811!
696 NA18502	[2515685 chr22	22	22683930	22690382	6453	5	-0.641129	0.083942	22681309	22686552	22690146	2269061!
697 NA18502	[2515685 chr22	22	22696636	22711591	14956	18	0.380158	0.048057	22696293	22696980	22711339	2271184;
698 NA18502	[2515685 chr22	22	22721913	22730636	8724	12	0.260801	0.051366	22721893	22721933	22730101	2273117
699 NA18502	[2515685 chr22	22	23998317	24000421	2105	2	0.815318	0.125821	23997167	23999467	24000076	2400076;
700 NA18502	[2515685 chr22	22	33619409	33623490	4082	5	0.683596	0.079573	33618939	33619879	33622642	3362433!
701 NA18502	[2515685 chr22	22	37654543	37662980	8438	2	-0.794046	0.126695	37653563	37655524	37660494	3766546!
702 NA18502	[2515685 chr22	22	41234451	41276484	42034	32	0.424743	0.031455	41233896	41235007	41275858	4127711!
703 NA18502	[2515685 chr22	22	43912120	43913954	1835	3	0.513951	0.102732	43911825	43912416	43913682	4391422!
1 NA10847	[2515685 chr1	1	403940	499758	95819	114	-0.302093	0.009144	403740	404140	499532	499985
2 NA10847	[2515685 chr1	1	563454	665490	102037	119	-0.302093	0.009144	563228	563681	665308	665675
3 NA10847	[2515685 chr1	1	1853012	1854645	1634	2	0.480073	0.087608	1852616	1853409	1853816	185547-
4 NA10847	[2515685 chr1	1	10416438	10418311	1874	2	-0.712569	0.103366	10415863	10417014	10417712	1041891
5 NA10847	[2515685 chr1	1	12780815	13261958	481144	716	0.602663	0.004145	12780421	12781210	13261513	1326240;
6 NA10847	[2515685 chr1	1	13265840	13277443	11604	14	0.602663	0.004145	13265344	13266337	13277182	1327770!
7 NA10847	[2515685 chr1	1	13304610	13494817	190208	202	0.602663	0.004145	13301339	13352697	13494542	1349509;
8 NA10847	[2515685 chr1	1	16975906	17008908	33003	35	-0.330508	0.025667	16975406	16976406	17008393	1700942-
9 NA10847	[2515685 chr1	1	25330302	25409301	79000	78	0.262271	0.016627	25329943	25330662	25408840	2540976;
10 NA10847	[2515685 chr1	1	57265788	57269385	3598	3	-0.367039	0.072919	57264976	57266601	57269038	5726973;
11 NA10847	[2515685 chr1	1	72478372	72524180	45809	36	-1.894054	0.040232	72478140	72478604	72523661	7252470!
12 NA10847	[2515685 chr1	1	89188117	89190762	2646	5	1.502856	0.086538	89187764	89188470	89190458	8919106;
13 NA10847	[2515685 chr1	1	94869509	94870854	1346	3	0.534512	0.074766	94869219	94869799	94870647	9487106
14 NA10847	[2515685 chr1	1	103827497	103834166	6670	16	0.43426	0.03429	103827175	103827820	103833999	10383433-
15 NA10847	[2515685 chr1	1	103854893	103866317	11425	17	0.486261	0.007904	103854670	103855117	103865345	10386729
16 NA10847	[2515685 chr1	1	103873304	104015739	142436	230	0.486261	0.007904	103873021	103873587	104013178	10401830
17 NA10847	[2515685 chr1	1	104027802	104029695	1894	2	0.604369	0.10133	104027515	104028090	104028575	10403081
18 NA10847	[2515685 chr1	1	108514938	108565175	50238	59	0.323667	0.01996	108514864	108515012	108565023	10856532
19 NA10847	[2515685 chr1	1	108638318	108688767	50450	59	0.330186	0.019893	108638254	108638383	108688693	10868884
20 NA10847	[2515685 chr1	1	109936541	109965726	29186	31	0.315811	0.025833	109935803	109937279	109965065	10996638
21 NA10847	[2515685 chr1	1	141915781	141916644	864	3	0.723112	0.075996	141915140	141916422	141916449	14191683
22 NA10847	[2515685 chr1	1	141967283	141975681	8399	27	0.367693	0.022641	141967011	141967556	141975633	14197573
23 NA10847	[2515685 chr1	1	142096128	142096822	695	2	0.681175	0.084615	142095585	142096671	142096672	14209697
24 NA10847	[2515685 chr1	1	142438646	142569435	130790	159	0.331123	0.011565	142438189	142439104	142568775	14257009
25 NA10847	[2515685 chr1	1	142744385	142745273	889	2	0.713377	0.116724	142743794	142744976	142745023	14274552
26 NA10847	[2515685 chr1	1	145044635	145045386	752	2	0.681174	0.084615	145044092	145045178	145045179	14504559
27 NA10847	[2515685 chr1	1	145095961	145104402	8442	25	0.370079	0.023553	145095646	145096276	145104354	14510445
28 NA10847	[2515685 chr1	1	145397658	145398426	769	2	0.573315	0.073054	145397226	145398090	145398111	14539874
29 NA10847	[2515685 chr1	1	145558689	145560454	1766	3	0.539682	0.066302	145558089	145559289	145560139	14556076
30 NA10847	[2515685 chr1	1	145819541	145821079	1539	2	0.702382	0.103911	145819262	145819821	145820633	14582152
31 NA10847	[2515685 chr1	1	145930102	145951531	21430	24	0.373265	0.030499	145929732	145930472	145951467	14595159
32 NA10847	[2515685 chr1	1	146331954	146340401	8448	25	0.369297	0.02423	146331906	146332002	146340086	14634071
33 NA10847	[2515685 chr1	1	146391020	146391476	457	2	0.681173	0.084615	146390812	146391228	146391229	14639172-
34 NA10847	[2515685 chr1	1	146564784	146566576	1793	4	0.427755	0.064162	146564394	146565174	146566510	14656664

35 NA10847	[2515685 chr1	1	148998878	149005918	7041	13	0.405004	0.03146	148998401	148999355	149004680	14900715
36 NA10847	[2515685 chr1	1	149368571	149385742	17172	3	-0.547669	0.086805	149368105	149369038	149385339	14938614
37 NA10847	[2515685 chr1	1	149385742	149399435	13694	19	-1.806662	0.051479	149385339	149386145	149399080	14939979
38 NA10847	[2515685 chr1	1	149573821	149583431	9611	5	0.869316	0.076785	149573460	149574182	149582912	14958395
39 NA10847	[2515685 chr1	1	193448820	193555075	106256	89	0.396557	0.016275	193448631	193449010	193554890	19355526
40 NA10847	[2515685 chr1	1	209390853	209402508	11656	9	-0.703075	0.055293	209390492	209391215	209401777	20940323
41 NA10847	[2515685 chr1	1	218762650	218771442	8793	8	-0.523722	0.057417	218762212	218763089	218771135	21877175
42 NA10847	[2515685 chr1	1	233202665	233204956	2292	42	0.396631	0.018813	233202312	233203018	233204364	23320554
43 NA10847	[2515685 chr1	1	234429837	234434986	5150	6	-0.297311	0.058678	234429641	234430034	234434147	23443582
44 NA10847	[2515685 chr1	1	236719047	236720968	1922	3	-0.868891	0.089365	236718751	236719344	236720749	23672118
45 NA10847	[2515685 chr1	1	239368545	239498531	129987	15	-0.410408	0.039535	239368239	239368851	239496181	23950088
46 NA10847	[2515685 chr2	2	296456	298925	2470	8	-0.759054	0.056031	296213	296699	298661	299185
47 NA10847	[2515685 chr2	2	34606444	34641571	35128	38	0.73443	0.025162	34601818	34609397	34641330	3464181
48 NA10847	[2515685 chr2	2	35896477	35905932	9456	3	-0.819523	0.085091	35879425	35899430	35902979	3590982
49 NA10847	[2515685 chr2	2	37869648	37911473	41826	43	0.325682	0.021631	37869077	37870220	37911214	3791173
50 NA10847	[2515685 chr2	2	44378695	44380701	2007	3	-0.821105	0.080987	44378636	44378754	44379703	4438169
51 NA10847	[2515685 chr2	2	46580020	46654606	74587	68	-0.733586	0.018559	46579757	46580284	46651822	4665739
52 NA10847	[2515685 chr2	2	51838213	51839736	1524	3	-0.847839	0.101248	51838197	51838229	51839379	5184009
53 NA10847	[2515685 chr2	2	56563624	56567381	3758	2	2.528517	0.187936	56556559	56566577	56567035	5656772
54 NA10847	[2515685 chr2	2	61675589	61676777	1189	2	0.75038	0.118308	61675200	61675979	61676468	6167708
55 NA10847	[2515685 chr2	2	73921778	73925487	3710	7	0.357003	0.04436	73921335	73922222	73925419	7392555
56 NA10847	[2515685 chr2	2	73925784	73945080	19297	28	0.394981	0.018906	73925556	73926013	73945012	7394514
57 NA10847	[2515685 chr2	2	73945377	73946969	1593	3	0.509057	0.064899	73945149	73945606	73946724	7394721
58 NA10847	[2515685 chr2	2	75296507	75298934	2428	2	0.553882	0.105312	75296056	75296959	75298532	7529933
59 NA10847	[2515685 chr2	2	97184386	97189735	5350	2	-0.774767	0.104562	97182781	97185992	97186782	9719672
60 NA10847	[2515685 chr2	2	97613796	97614932	1137	2	0.975337	0.125793	97613553	97614040	97614467	9761539
61 NA10847	[2515685 chr2	2	106339466	106344320	4855	6	-0.61583	0.068784	106339069	106339864	106344055	10634458
62 NA10847	[2515685 chr2	2	108313968	108314875	908	2	0.68471	0.112746	108313664	108314272	108314680	10831507
63 NA10847	[2515685 chr2	2	123193457	123198547	5091	4	-0.810942	0.074642	123193121	123193793	123198337	12319875
64 NA10847	[2515685 chr2	2	129354604	129360182	5579	4	-1.184029	0.090075	129354317	129354892	129357659	12936270
65 NA10847	[2515685 chr2	2	130410671	130464577	53907	57	-0.286774	0.019268	130410236	130411106	130464333	13046482
66 NA10847	[2515685 chr2	2	131030773	131037575	6803	14	-0.287051	0.037511	131030629	131030917	131037431	13103771
67 NA10847	[2515685 chr2	2	131952094	131953962	1869	3	-0.645449	0.093185	131951874	131952315	131953571	13195435
68 NA10847	[2515685 chr2	2	132272745	132323964	51220	59	-0.268723	0.018455	132271619	132273872	132323290	13232463
69 NA10847	[2515685 chr2	2	132846945	132873598	26654	21	0.313605	0.032556	132846760	132847131	132873312	13287388
70 NA10847	[2515685 chr2	2	146694145	146710744	16600	16	0.799914	0.042685	146688620	146697098	146710557	14671093
71 NA10847	[2515685 chr2	2	153495550	153499409	3860	2	0.722381	0.120449	153484545	153498503	153498846	15349997
72 NA10847	[2515685 chr2	2	153622711	153625256	2546	3	0.91689	0.114793	153621175	153624247	153625088	15362542
73 NA10847	[2515685 chr2	2	195804965	195809805	4841	5	-0.572655	0.068994	195803577	195806354	195809355	19581025
74 NA10847	[2515685 chr2	2	232512469	232537143	24675	6	-0.307968	0.042839	232511142	232513796	232534243	23254004
75 NA10847	[2515685 chr2	2	242664580	242668683	4104	10	1.267162	0.041015	242664284	242664877	242668532	24266883
76 NA10847	[2515685 chr3	3	1757211	1765706	8496	2	0.849842	0.117776	1756096	1758327	1762058	179730
77 NA10847	[2515685 chr3	3	4264054	4265484	1431	2	0.594373	0.114214	4263741	4264368	4265172	426579
78 NA10847	[2515685 chr3	3	42350188	42351717	1530	3	0.529011	0.083855	42349839	42350537	42351490	4235194
79 NA10847	[2515685 chr3	3	75841826	75879753	37928	20	0.307094	0.030296	75836910	75845474	75876105	7589177
80 NA10847	[2515685 chr3	3	76066312	76081451	15140	19	-0.354221	0.033236	76065787	76066838	76081180	7608172
81 NA10847	[2515685 chr3	3	104887176	104897963	10788	10	0.255785	0.046296	104886557	104887795	104897737	10489819
82 NA10847	[2515685 chr3	3	105760262	105762355	2094	2	-0.960383	0.123077	105759634	105760890	105761424	10576328
83 NA10847	[2515685 chr3	3	156042614	156043843	1230	2	-0.54395	0.106369	156042074	156043154	156043483	15604420
84 NA10847	[2515685 chr3	3	163994592	164106273	111682	104	2.749785	0.026708	163993392	163995793	164106029	16410651
85 NA10847	[2515685 chr3	3	164200660	164205886	5227	5	-0.749649	0.079279	164200187	164201133	164204674	16420709
86 NA10847	[2515685 chr3	3	165151155	165154150	2996	4	0.415843	0.081774	165150929	165151382	165152920	16515538
87 NA10847	[2515685 chr3	3	192547312	192554331	7020	10	0.79302	0.051695	192546950	192547674	192554127	19255453
88 NA10847	[2515685 chr3	3	196648697	196651596	2900	3	-0.59839	0.094814	196648236	196649158	196651306	19665188
89 NA10847	[2515685 chr3	3	196890223	196965802	75580	78	-0.323036	0.01692	196889875	196890572	196965494	19696611



90 NA10847	[2515685 chr3	3	196994475	197002965	8491	10	0.837632	0.046507	196994054	196994896	197002044	19700388
91 NA10847	[2515685 chr3	3	197267244	197268267	1024	2	-0.576834	0.10836	197267046	197267442	197267957	19726857
92 NA10847	[2515685 chr3	3	197437666	197440007	2342	3	-1.137382	0.097775	197437333	197437999	197439532	19744048
93 NA10847	[2515685 chr3	3	198421889	198427408	5520	3	0.682615	0.089013	198421397	198422381	198423959	19843085
94 NA10847	[2515685 chr3	3	198674426	198675470	1045	6	-0.563187	0.050859	198674161	198674692	198674903	19867603
95 NA10847	[2515685 chr3	3	199218619	199221999	3381	12	-0.525483	0.047878	199218354	199218884	199220440	19922355
96 NA10847	[2515685 chr3	3	199313925	199321063	7139	15	1.533338	0.031565	199313515	199314336	199320844	19932128
97 NA10847	[2515685 chr4	4	8740725	8756949	16225	24	0.448294	0.021506	8740586	8740864	8756813	8757081
98 NA10847	[2515685 chr4	4	8998177	9046719	48543	87	0.870896	0.011312	8850774	9001243	9046129	9047301
99 NA10847	[2515685 chr4	4	9812346	9813108	763	33	0.825406	0.019697	9812284	9812408	9812952	9813261
100 NA10847	[2515685 chr4	4	33200574	33201715	1142	2	0.588733	0.115687	33200322	33200826	33201357	3320207
101 NA10847	[2515685 chr4	4	44806874	44846959	40086	46	0.802181	0.022686	44806206	44807543	44846702	44847211
102 NA10847	[2515685 chr4	4	63500374	63504889	4516	5	-0.945729	0.090331	63494261	63503440	63504639	63505141
103 NA10847	[2515685 chr4	4	64522941	64543857	20917	20	-0.766191	0.039408	64522682	64523201	64542552	6454516
104 NA10847	[2515685 chr4	4	69202095	69365270	163176	116	0.870321	0.014452	69201955	69202236	69365129	6936541
105 NA10847	[2515685 chr4	4	69671789	69717280	45492	53	0.516381	0.017562	69671604	69671975	69717139	6971742
106 NA10847	[2515685 chr4	4	70277422	70418701	141280	146	0.351384	0.012879	70277174	70277671	70418467	7041793
107 NA10847	[2515685 chr4	4	87333407	87337560	4154	4	-0.784038	0.082226	87333057	87333758	87337055	8733806
108 NA10847	[2515685 chr4	4	125304905	125305983	1079	2	0.646995	0.108006	125304587	125305223	125305732	12530623
109 NA10847	[2515685 chr4	4	138449561	138457787	8227	7	-0.916821	0.062107	138448993	138450130	138457283	13845829
110 NA10847	[2515685 chr4	4	138537751	138549906	12156	14	0.813432	0.047036	138537443	138538059	138547414	13855239
111 NA10847	[2515685 chr4	4	142588136	142590500	2365	4	-1.655256	0.100851	142587774	142588498	142590303	14259069
112 NA10847	[2515685 chr4	4	145240980	145245588	4609	4	-0.530205	0.08565	145240473	145241488	145245192	14524598
113 NA10847	[2515685 chr4	4	162237272	162242562	5291	8	0.785301	0.057263	162236487	162238058	162242381	16224274
114 NA10847	[2515685 chr4	4	162806038	162809269	3232	3	0.69013	0.087711	162804872	162807204	162808734	16280980
115 NA10847	[2515685 chr4	4	169184442	169368370	183929	162	0.709201	0.012522	169184090	169184794	169366713	16937002
116 NA10847	[2515685 chr4	4	172750241	172755216	4976	2	1.040601	0.135994	172748887	172751596	172753256	17275717
117 NA10847	[2515685 chr4	4	173363594	173367718	4125	6	-0.80247	0.065002	173362583	173364606	173367283	17336815
118 NA10847	[2515685 chr4	4	185533276	185534552	1277	2	0.867751	0.130648	185532696	185533857	185534150	18553495
119 NA10847	[2515685 chr4	4	185535274	185544849	9576	9	0.958885	0.053263	185534955	185535593	185543276	18554642
120 NA10847	[2515685 chr4	4	187728494	187732907	4414	15	2.465669	0.057104	187728193	187728795	187732541	18773327
121 NA10847	[2515685 chr4	4	190528602	190533163	4562	21	-0.545279	0.031791	190528058	190529146	190531664	19053466
122 NA10847	[2515685 chr5	5	810517	820048	9532	12	0.365352	0.045199	809997	811038	819824	820272
123 NA10847	[2515685 chr5	5	1075284	1079920	4637	24	0.512642	0.027776	1074709	1075859	1079566	1080271
124 NA10847	[2515685 chr5	5	1223248	1223930	683	5	0.325447	0.056345	1223057	1223439	1223854	1224007
125 NA10847	[2515685 chr5	5	1231558	1233247	1690	2	-0.862476	0.101863	1231167	1231949	1232879	1233611
126 NA10847	[2515685 chr5	5	8754941	8802041	47101	47	-0.807408	0.023885	8753828	8756055	8801659	8802424
127 NA10847	[2515685 chr5	5	12863961	12873512	9552	14	-0.746	0.046786	12863778	12864144	12873198	1287382
128 NA10847	[2515685 chr5	5	17570617	17643104	72488	331	-0.485072	0.006316	17570551	17570684	17642455	1764375
129 NA10847	[2515685 chr5	5	17663728	17667407	3680	8	-0.399164	0.044792	17663473	17663984	17667174	1766764
130 NA10847	[2515685 chr5	5	19410747	19412172	1426	3	0.608698	0.090508	19410189	19411305	19411980	1941236
131 NA10847	[2515685 chr5	5	21307535	21426153	118619	183	0.287024	0.009463	21307127	21307943	21425562	2142674
132 NA10847	[2515685 chr5	5	21483394	21488147	4754	4	-0.660837	0.075957	21480817	21485972	21487855	2148843
133 NA10847	[2515685 chr5	5	21648264	21651681	3418	2	-0.680891	0.121459	21647099	21649430	21650550	2165281
134 NA10847	[2515685 chr5	5	21971730	21994547	22818	37	0.309432	0.020633	21971258	21972202	21992709	2199638
135 NA10847	[2515685 chr5	5	22161042	22166982	5941	8	0.292048	0.055177	22160580	22161504	22166620	2216734
136 NA10847	[2515685 chr5	5	34230043	34292673	62631	109	0.272957	0.011707	34229790	34230297	34291585	3429376
137 NA10847	[2515685 chr5	5	68865703	68889446	23744	53	0.366216	0.02103	68865630	68865776	68889242	6888965
138 NA10847	[2515685 chr5	5	68996098	68998099	2002	3	0.740676	0.064411	68995009	68997187	68997267	6899893
139 NA10847	[2515685 chr5	5	69008668	69010082	1415	4	0.457344	0.04996	69008430	69008906	69009873	6901029
140 NA10847	[2515685 chr5	5	69042179	69176244	134066	328	0.3494	0.006213	69041458	69042901	69175526	6917696
141 NA10847	[2515685 chr5	5	69207544	69208959	1416	4	0.457343	0.04996	69207335	69207754	69208721	6920919
142 NA10847	[2515685 chr5	5	69218253	69220263	2011	3	0.742684	0.065219	69217421	69219085	69219163	6922136
143 NA10847	[2515685 chr5	5	69279603	69281256	1654	5	0.450351	0.044408	69279238	69279968	69281011	6928150
144 NA10847	[2515685 chr5	5	69366916	69372462	5547	6	0.482887	0.051577	69366371	69367462	69371968	6937295

145 NA10847	[2515685 chr5	5	69388384	69411352	22969	27	0.403703	0.021368	69386439	69390329	69410702	6941200:
146 NA10847	[2515685 chr5	5	69487853	69491863	4011	4	0.52074	0.06098	69487673	69488033	69488961	69494761
147 NA10847	[2515685 chr5	5	69499933	69501711	1779	6	0.459072	0.042556	69499810	69500056	69501346	69502071
148 NA10847	[2515685 chr5	5	69575839	69577840	2002	3	0.740676	0.064411	69574750	69576928	69577008	6957867:
149 NA10847	[2515685 chr5	5	69588405	69589819	1415	5	0.439802	0.047155	69588167	69588643	69589610	6959002:
150 NA10847	[2515685 chr5	5	69621911	69744382	122472	281	0.351094	0.006731	69621190	69622633	69744181	6974458:
151 NA10847	[2515685 chr5	5	69872215	69874210	1996	3	0.740676	0.064411	69871126	69873304	69873384	69875031
152 NA10847	[2515685 chr5	5	69884741	69886155	1415	4	0.457344	0.04996	69884503	69884979	69885946	6988636:
153 NA10847	[2515685 chr5	5	69917451	70051360	133910	309	0.339922	0.006356	69916733	69918169	70050639	7005208:
154 NA10847	[2515685 chr5	5	70083457	70084872	1416	4	0.457343	0.04996	70083248	70083667	70084634	7008511:
155 NA10847	[2515685 chr5	5	70094135	70096145	2011	3	0.742684	0.065219	70093303	70094967	70095045	7009724:
156 NA10847	[2515685 chr5	5	70144831	70159076	14246	27	0.313543	0.021141	70144530	70145132	70158599	7015955:
157 NA10847	[2515685 chr5	5	70234358	70290648	56291	52	0.359934	0.016145	70233958	70234758	70287456	7029491:
158 NA10847	[2515685 chr5	5	70367409	70395110	27702	37	0.271843	0.02234	70367348	70367470	70393351	7039687:
159 NA10847	[2515685 chr5	5	70402640	70415506	12867	26	0.389375	0.022052	70402418	70402863	70415389	7041562:
160 NA10847	[2515685 chr5	5	70417349	70426554	9206	16	0.389375	0.022052	70416846	70417852	70425419	7042768:
161 NA10847	[2515685 chr5	5	70487867	70511908	24042	42	0.311904	0.017567	70487748	70487987	70511607	7051221:
162 NA10847	[2515685 chr5	5	70576177	70578172	1996	3	0.740676	0.064411	70575088	70577266	70577346	7057899:
163 NA10847	[2515685 chr5	5	70588713	70590127	1415	4	0.457344	0.04996	70588475	70588951	70589918	7059033:
164 NA10847	[2515685 chr5	5	70621430	70689393	67964	157	0.33743	0.008996	70620709	70622152	70688907	7068987:
165 NA10847	[2515685 chr5	5	79982063	79984314	2252	2	-0.604932	0.095936	79981555	79982572	79983998	7998463:
166 NA10847	[2515685 chr5	5	81459213	81466055	6843	2	-1.287955	0.119363	81455614	81462405	81462863	8147028:
167 NA10847	[2515685 chr5	5	93928460	93933101	4642	4	-0.536877	0.079378	93927706	93929215	93931984	9393421:
168 NA10847	[2515685 chr5	5	99409393	99419037	9645	13	-0.729763	0.042456	99408997	99409789	99418328	9941974:
169 NA10847	[2515685 chr5	5	137835848	137844134	8287	7	0.440591	0.060344	137835611	137836085	137843310	13784495:
170 NA10847	[2515685 chr5	5	140203081	140218928	15848	20	1.845483	0.049475	140202344	140203819	140218508	14021934:
171 NA10847	[2515685 chr5	5	140534849	140540106	5258	5	1.028455	0.072812	140534700	140534999	140539007	14054120:
172 NA10847	[2515685 chr5	5	155408303	155424011	15709	11	-0.761712	0.051721	155405622	155410984	155420819	15542761:
173 NA10847	[2515685 chr5	5	175392637	175393797	1161	6	-0.341648	0.064973	175392088	175393187	175393522	17539407:
174 NA10847	[2515685 chr5	5	180309823	180363417	53595	51	-0.847653	0.024946	180309690	180309956	180363120	18036371:
175 NA10847	[2515685 chr5	5	180724710	180820838	96129	112	-0.294377	0.013841	180724568	180724852	180820785	18082089:
176 NA10847	[2515685 chr6	6	201823	327656	125834	128	0.341984	0.012709	201415	202232	326993	32832:
177 NA10847	[2515685 chr6	6	26976094	27078178	102085	160	0.251515	0.010085	26975842	26976347	27077814	2707854:
178 NA10847	[2515685 chr6	6	29958572	30011802	53231	50	0.456348	0.021715	29957670	29959474	30011083	3001252:
179 NA10847	[2515685 chr6	6	31387065	31419859	32795	16	-0.632902	0.038535	31386395	31387736	31418034	3142168:
180 NA10847	[2515685 chr6	6	32590831	32591649	819	2	-2.692126	0.160024	32590576	32591086	32591403	3259189:
181 NA10847	[2515685 chr6	6	32598573	32628234	29662	20	-0.482613	0.035272	32598133	32599013	32627886	3262858:
182 NA10847	[2515685 chr6	6	32630637	32707706	77070	78	0.296107	0.013783	32630364	32630911	32707455	3270795:
183 NA10847	[2515685 chr6	6	32712337	32763261	50925	49	0.296107	0.013783	32712193	32712482	32763101	3276342:
184 NA10847	[2515685 chr6	6	32766771	32771943	5173	3	-0.764395	0.096098	32766412	32767130	32771753	3277213:
185 NA10847	[2515685 chr6	6	35862833	35874426	11594	13	0.44716	0.03968	35862530	35863136	35873957	3587489:
186 NA10847	[2515685 chr6	6	68407620	68408973	1354	2	0.816344	0.148248	68407338	68407903	68408581	6840936:
187 NA10847	[2515685 chr6	6	74648985	74658750	9766	11	-0.681688	0.046505	74648748	74649222	74655247	7466226:
188 NA10847	[2515685 chr6	6	77495034	77513514	18481	12	0.74415	0.047005	77493568	77496500	77510011	7751769:
189 NA10847	[2515685 chr6	6	95345535	95349338	3804	5	-0.91425	0.07541	95345072	95345998	95348106	9535057:
190 NA10847	[2515685 chr6	6	103844685	103871201	26517	16	2.108877	0.063238	103844347	103845023	103868241	10387416:
191 NA10847	[2515685 chr6	6	120671191	120671916	726	2	1.241378	0.113455	120670696	120671686	120671725	12067210:
192 NA10847	[2515685 chr6	6	143998763	144001320	2558	2	0.544591	0.100801	143997938	143999589	144000924	14400171:
193 NA10847	[2515685 chr6	6	160056728	160058998	2271	2	-0.887703	0.088638	160055808	160057648	160058322	16005967:
194 NA10847	[2515685 chr6	6	161001907	161038394	36488	62	0.534114	0.013411	161001167	161002648	161038184	16103860:
195 NA10847	[2515685 chr6	6	170603879	170604666	788	2	-2.306784	0.137849	170603541	170604217	170604339	17060499:
196 NA10847	[2515685 chr6	6	170625506	170627028	1523	3	2.075184	0.125967	170625015	170625997	170626579	17062747:
197 NA10847	[2515685 chr6	6	170684555	170687261	2707	6	-0.551027	0.061293	170684170	170684940	170686870	17068765:
198 NA10847	[2515685 chr6	6	170862844	170961492	98649	98	-0.280539	0.014531	170862775	170862914	170961439	17096154:
199 NA10847	[2515685 chr7	7	113212	116281	3070	13	-0.355936	0.043904	113146	113279	116273	11629:

200 NA10847	[2515685 chr7	7	929017	930663	1647	5	0.352011	0.067307	928626	929408	930382	930945
201 NA10847	[2515685 chr7	7	1448489	1451249	2761	2	0.55349	0.10989	1448082	1448897	1450963	145153!
202 NA10847	[2515685 chr7	7	3384111	3389815	5705	7	0.787192	0.060785	3383451	3384772	3389523	339010!
203 NA10847	[2515685 chr7	7	12297894	12298675	782	5	0.480755	0.070762	12297829	12297960	12298540	1229881!
204 NA10847	[2515685 chr7	7	14024131	14025556	1426	5	0.808198	0.074059	14023511	14024751	14025262	1402585!
205 NA10847	[2515685 chr7	7	38061632	38070805	9174	10	0.384651	0.048192	38061288	38061977	38070187	3807142!
206 NA10847	[2515685 chr7	7	38159778	38177664	17887	19	-0.357457	0.032858	38159476	38160081	38177341	3817798!
207 NA10847	[2515685 chr7	7	62273692	62279802	6111	24	-0.754609	0.035361	62272898	62274486	62279719	6227988!
208 NA10847	[2515685 chr7	7	63995985	64009675	13691	17	0.298565	0.035852	63995676	63996294	64009043	6401030!
209 NA10847	[2515685 chr7	7	64690171	64725545	35375	39	0.390061	0.022267	64689761	64690582	64725209	6472588!
210 NA10847	[2515685 chr7	7	71858493	71859326	834	2	-0.447566	0.082678	71858284	71858703	71858719	7185993!
211 NA10847	[2515685 chr7	7	72156868	72157708	841	2	-0.447566	0.082678	72156657	72157079	72157095	7215832!
212 NA10847	[2515685 chr7	7	74695370	74696139	770	3	-0.416559	0.073139	74695306	74695434	74695977	7469630!
213 NA10847	[2515685 chr7	7	76173835	76175647	1813	2	0.636137	0.099829	76173564	76174106	76174852	7617644!
214 NA10847	[2515685 chr7	7	89455601	89456632	1032	2	2.743694	0.177319	89455373	89455830	89456225	8945703!
215 NA10847	[2515685 chr7	7	109034783	109042071	7289	6	1.833686	0.094478	109024063	109037134	109040586	10904355
216 NA10847	[2515685 chr7	7	109776378	109782655	6278	5	0.888105	0.078	109775821	109776936	109782301	10978301!
217 NA10847	[2515685 chr7	7	133245202	133257360	12159	13	2.024939	0.066245	133244207	133246197	133255009	13326093
218 NA10847	[2515685 chr7	7	141759291	141761893	2603	3	-0.442439	0.087574	141758892	141759690	141761589	14176219
219 NA10847	[2515685 chr7	7	141962017	141993247	31231	36	-0.286261	0.024183	141961693	141962342	141992651	14199384
220 NA10847	[2515685 chr7	7	143257273	143259025	1753	2	-0.66527	0.115387	143256987	143257560	143258671	14325938
221 NA10847	[2515685 chr7	7	143318111	143498326	180216	340	0.25291	0.007382	143318031	143318192	143497951	14349870
222 NA10847	[2515685 chr7	7	143499971	143500529	559	2	-0.742154	0.113814	143499944	143499999	143500486	14350057
223 NA10847	[2515685 chr7	7	156976112	156978464	2353	2	0.521073	0.095526	156975812	156976413	156977896	15697903
224 NA10847	[2515685 chr7	7	157023614	157027930	4317	7	0.277814	0.053737	157023242	157023987	157027451	15702840
225 NA10847	[2515685 chr7	7	158207288	158209880	2593	2	0.768794	0.115609	158206344	158208233	158209333	15821042
226 NA10847	[2515685 chr7	7	158617060	158624379	7320	6	0.755832	0.068721	158616763	158617357	158622028	15862673
227 NA10847	[2515685 chr8	8	12903	110506	97604	107	-0.278665	0.014074	12850	12957	110436	110576
228 NA10847	[2515685 chr8	8	1328256	1343509	15254	45	-1.358387	0.022055	1327688	1328824	1342795	134422!
229 NA10847	[2515685 chr8	8	1394513	1398803	4291	6	-0.390284	0.064164	1393955	1395072	1398426	139918!
230 NA10847	[2515685 chr8	8	2238731	2253796	15066	10	0.690906	0.050908	2233839	2241488	2251039	225752!
231 NA10847	[2515685 chr8	8	2303675	2306896	3222	2	-0.590175	0.100959	2303064	2304286	2306494	230729!
232 NA10847	[2515685 chr8	8	3982251	3987764	5514	7	-0.409056	0.058741	3982012	3982491	3987365	398816!
233 NA10847	[2515685 chr8	8	4751610	4755354	3745	3	-0.472336	0.088691	4751096	4752124	4755000	475570!
234 NA10847	[2515685 chr8	8	5582875	5594011	11137	9	0.759278	0.048518	5582615	5583135	5592820	559520!
235 NA10847	[2515685 chr8	8	7094852	7268617	173766	405	0.695168	0.003117	7092427	7097278	7267878	726935!
236 NA10847	[2515685 chr8	8	7277150	7430731	153582	354	0.695168	0.003117	7276887	7277413	7430300	743116!
237 NA10847	[2515685 chr8	8	7603394	7774981	171588	475	0.695168	0.003117	7600972	7605817	7774750	777521!
238 NA10847	[2515685 chr8	8	7777281	7930292	153012	308	0.695168	0.003117	7777081	7777481	7930155	793042!
239 NA10847	[2515685 chr8	8	8079391	8084746	5356	14	0.280846	0.035793	8079382	8079401	8084594	808489!
240 NA10847	[2515685 chr8	8	11985530	12072888	87359	177	0.401844	0.00621	11982232	11988287	12072625	1207315!
241 NA10847	[2515685 chr8	8	12238199	12322179	83981	154	0.401844	0.00621	12235442	12241497	12321906	1232245!
242 NA10847	[2515685 chr8	8	12377720	12383079	5360	12	0.294262	0.038001	12377569	12377872	12383069	1238308!
243 NA10847	[2515685 chr8	8	15816453	15889494	73042	5	-0.424248	0.061983	15815179	15817728	15886737	1599641!
244 NA10847	[2515685 chr8	8	18900549	18901909	1361	2	-0.542274	0.096624	18900138	18900960	18901577	1890224!
245 NA10847	[2515685 chr8	8	20022286	20024771	2486	2	-0.747831	0.118076	20021082	20023491	20024338	2002520!
246 NA10847	[2515685 chr8	8	40301688	40309070	7383	7	-0.708378	0.058232	40301316	40302061	40308873	4030926!
247 NA10847	[2515685 chr8	8	51193670	51201152	7483	11	-0.894243	0.049781	51193335	51194005	51200867	5120143!
248 NA10847	[2515685 chr8	8	58278355	58287850	9496	8	0.86687	0.046425	58277116	58279595	58287616	5828808!
249 NA10847	[2515685 chr8	8	115144501	115147461	2961	4	-0.394901	0.075545	115144075	115144928	115147229	11514769!
250 NA10847	[2515685 chr8	8	115148105	115149916	1812	2	-1.018225	0.128119	115147694	115148517	115149348	11515048
251 NA10847	[2515685 chr8	8	120222657	120229952	7296	6	0.820718	0.062842	120218251	120225414	120229434	12023047!
252 NA10847	[2515685 chr9	9	310045	312573	2529	61	0.366314	0.016467	309952	310139	312407	31274!
253 NA10847	[2515685 chr9	9	11306495	11602632	296138	4	-0.308072	0.059537	11163118	11308858	11600269	1162193!
254 NA10847	[2515685 chr9	9	38763857	38954466	190610	334	-0.261062	0.00783	38761896	38765818	38954213	3895471!

255 NA10847	[2515685 chr9	9	40254839	40277620	22782	42	-0.313688	0.022411	40254572	40255106	40277481	40277760
256 NA10847	[2515685 chr9	9	41234952	41240163	5212	10	-0.611969	0.046178	41234900	41235005	41239994	41240330
257 NA10847	[2515685 chr9	9	43065211	43066832	1622	2	-0.711395	0.099956	43064261	43066162	43066646	43067010
258 NA10847	[2515685 chr9	9	43182771	43193846	11076	19	-0.39231	0.034651	43179223	43185134	43193656	43194030
259 NA10847	[2515685 chr9	9	43965873	44064914	99042	22	-0.280183	0.026709	43961965	43968236	44064541	44065280
260 NA10847	[2515685 chr9	9	66047392	66052737	5346	11	-0.642091	0.04642	66047340	66047445	66052707	66052760
261 NA10847	[2515685 chr9	9	89413068	89422752	9685	8	0.33257	0.057109	89412804	89413332	89421346	89424150
262 NA10847	[2515685 chr9	9	135438418	135444067	5650	2	2.790215	0.147643	135383632	135440781	135443016	135445110
263 NA10847	[2515685 chr9	9	138397462	138399638	2177	11	-0.330319	0.04741	138397454	138397471	138399572	138399700
264 NA10847	[2515685 chr10	10	6693908	6703893	9986	8	0.764827	0.056212	6692231	6695585	6703779	6704000
265 NA10847	[2515685 chr10	10	19788068	19790461	2394	3	-0.446224	0.079256	19787726	19788411	19789952	19790970
266 NA10847	[2515685 chr10	10	20036833	20038315	1483	2	-2.276243	0.155523	20036464	20037202	20038007	20038620
267 NA10847	[2515685 chr10	10	20888199	20900114	11916	9	-0.68889	0.054584	20883329	20890946	20897367	20902910
268 NA10847	[2515685 chr10	10	37483141	37489219	6079	10	-0.3254	0.040465	37482743	37483539	37488997	37489440
269 NA10847	[2515685 chr10	10	37491079	37527174	36096	55	-0.755585	0.016416	37490689	37491470	37526783	37527560
270 NA10847	[2515685 chr10	10	42564252	42565662	1411	4	-0.367256	0.071802	42563949	42564556	42565423	42565900
271 NA10847	[2515685 chr10	10	46107580	46129517	21938	32	-0.33279	0.020809	46104113	46110327	46129280	46129750
272 NA10847	[2515685 chr10	10	46187014	46233249	46236	112	-0.282251	0.011439	46186825	46187203	46233114	46233380
273 NA10847	[2515685 chr10	10	46242366	47173707	931342	1308	-0.320274	0.003516	46242203	46242530	47173507	47173900
274 NA10847	[2515685 chr10	10	47219668	47237545	17878	58	-0.310348	0.01627	47219445	47219892	47237269	47237820
275 NA10847	[2515685 chr10	10	47723235	47746015	22781	64	-0.359422	0.01571	47725187	47725982	47745989	47746040
276 NA10847	[2515685 chr10	10	47755312	47801563	46252	120	-0.2885	0.011368	47755177	47755448	47801368	47801750
277 NA10847	[2515685 chr10	10	47887212	47887694	483	2	-0.752022	0.083468	47887044	47887381	47887494	47887890
278 NA10847	[2515685 chr10	10	47888084	47889830	1747	6	-0.430129	0.048592	47887954	47888214	47889529	47890130
279 NA10847	[2515685 chr10	10	48494493	48516048	21556	30	-0.319529	0.021192	48491014	48497240	48515812	48516280
280 NA10847	[2515685 chr10	10	48576756	48622994	46239	108	-0.285142	0.011516	48576562	48576950	48622859	48623130
281 NA10847	[2515685 chr10	10	48632112	48641100	8989	20	-0.320998	0.023957	48631949	48632276	48640945	48641250
282 NA10847	[2515685 chr10	10	48642579	48715124	72546	116	-0.359794	0.010438	48642297	48642861	48714752	48715490
283 NA10847	[2515685 chr10	10	51119630	51132551	12922	21	-0.309559	0.026826	51119365	51119895	51132382	51132720
284 NA10847	[2515685 chr10	10	52136987	52139263	2277	5	-0.263554	0.050467	52136355	52137619	52139186	52139340
285 NA10847	[2515685 chr10	10	55013473	55030874	17402	11	0.294416	0.048031	55011568	55015379	55030462	55031280
286 NA10847	[2515685 chr10	10	56117212	56139275	22064	20	-0.97614	0.035302	56115764	56118661	56138931	56139610
287 NA10847	[2515685 chr10	10	66977355	66985193	7839	8	-1.004282	0.062467	66976803	66977908	66984894	66985490
288 NA10847	[2515685 chr10	10	70951158	70961194	10037	7	-0.694676	0.058228	70949290	70953027	70960964	70961420
289 NA10847	[2515685 chr10	10	81662845	81666327	3483	5	-0.346408	0.06389	81662614	81663077	81666038	81666610
290 NA10847	[2515685 chr10	10	88866216	88966295	100080	111	-0.340563	0.012524	88865617	88866816	88965910	88966680
291 NA10847	[2515685 chr10	10	89138419	89179870	41452	70	-0.263621	0.015947	89137950	89138889	89179587	89180150
292 NA10847	[2515685 chr10	10	114102241	114106477	4237	5	-4.083408	0.158299	114101694	114102788	114105867	114107080
293 NA10847	[2515685 chr10	10	124336365	124341749	5385	6	0.525656	0.066095	124335581	124337149	124341238	124342260
294 NA10847	[2515685 chr10	10	127564343	127601200	36858	21	-0.268321	0.033058	127563306	127565381	127598453	127607460
295 NA10847	[2515685 chr10	10	128937176	128938855	1680	2	0.579389	0.103729	128936901	128937451	128938518	128939190
296 NA10847	[2515685 chr10	10	134168766	134170259	1494	17	-0.351849	0.03814	134168524	134169008	134170097	134170420
297 NA10847	[2515685 chr11	11	2840307	2843512	3206	4	0.418838	0.077406	2839959	2840656	2842965	2844050
298 NA10847	[2515685 chr11	11	2999680	3137581	137902	2	-0.530097	0.087748	2949255	3002762	3134499	3173260
299 NA10847	[2515685 chr11	11	3271902	3274139	2238	3	-0.432954	0.074322	3271303	3272502	3273580	3274690
300 NA10847	[2515685 chr11	11	3628748	3632795	4048	6	-0.450922	0.060228	3625722	3631775	3632594	3632990
301 NA10847	[2515685 chr11	11	4924831	4932599	7769	8	-0.729278	0.056366	4924403	4925260	4931948	4933250
302 NA10847	[2515685 chr11	11	5717038	5722027	4990	3	2.301616	0.138405	5716660	5717416	5718945	5725480
303 NA10847	[2515685 chr11	11	5741269	5765993	24725	33	1.842442	0.037569	5741059	5741480	5765632	5766350
304 NA10847	[2515685 chr11	11	11831868	11833089	1222	2	0.908328	0.12427	11831412	11832324	11832853	11833320
305 NA10847	[2515685 chr11	11	18906905	18928671	21767	30	0.658302	0.027504	18906533	18907278	18928457	18928880
306 NA10847	[2515685 chr11	11	28965605	28969186	3582	5	2.843768	0.158253	28965284	28965927	28968702	28969670
307 NA10847	[2515685 chr11	11	48284073	48284771	699	2	0.855221	0.101839	48283862	48284285	48284572	48284970
308 NA10847	[2515685 chr11	11	49665830	49715830	50001	36	0.4227656	0.025136	49665251	49666410	49721748	49721980
309 NA10847	[2515685 chr11	11	55124643	55212650	88008	98	-0.743945	0.016565	55124460	55124827	55209568	55215750

310 NA10847	[2515685 chr11	11	81179059	81203719	24661	18	-0.717008	0.038806	81178883	81179236	81203484	8120395-
311 NA10847	[2515685 chr11	11	88266938	88303948	37011	40	0.300621	0.023997	88266424	88267453	88303762	8830413!
312 NA10847	[2515685 chr11	11	89184898	89189792	4895	5	0.411876	0.080012	89184243	89185554	89189177	8919040!
313 NA10847	[2515685 chr11	11	89260124	89266247	6124	10	-0.265356	0.046975	89259811	89260437	89265993	8926650!
314 NA10847	[2515685 chr11	11	89323920	89329409	5490	11	-0.265581	0.043537	89323666	89324175	89329090	8932972!
315 NA10847	[2515685 chr11	11	93324629	93328851	4223	4	-0.776539	0.076306	93324402	93324857	93328208	9332949!
316 NA10847	[2515685 chr12	12	300666	302505	1840	2	-0.834217	0.109012	300400	300933	301926	303084
317 NA10847	[2515685 chr12	12	736840	744802	7963	9	0.789258	0.050347	736616	737064	744211	745394
318 NA10847	[2515685 chr12	12	2112534	2127044	14511	15	0.643662	0.038653	2109107	2115961	2126809	2127279
319 NA10847	[2515685 chr12	12	6113530	6117052	3523	3	0.600792	0.098316	6111640	6115421	6116289	6117816
320 NA10847	[2515685 chr12	12	8204002	8262986	58985	73	0.268774	0.016766	8201345	8206659	8262374	8263598
321 NA10847	[2515685 chr12	12	8262986	8270350	7365	18	0.930997	0.03074	8262374	8263598	8269654	8271046
322 NA10847	[2515685 chr12	12	10461864	10491893	30030	21	-0.373187	0.033961	10459687	10464041	10488400	1055394!
323 NA10847	[2515685 chr12	12	11398049	11436142	38094	34	-0.835269	0.026902	11397507	11398591	11435669	1143661!
324 NA10847	[2515685 chr12	12	11436142	11463223	27082	32	-0.310071	0.025949	11435669	11436615	11459990	1146645!
325 NA10847	[2515685 chr12	12	30348930	30352723	3794	3	0.525829	0.080977	30348429	30349431	30351682	3035376!
326 NA10847	[2515685 chr12	12	31869221	31878319	9099	4	0.569111	0.071811	31864235	31872714	31878008	3187863!
327 NA10847	[2515685 chr12	12	36209451	36221304	11854	12	-0.250102	0.038551	36200442	36212944	36220304	3622230!
328 NA10847	[2515685 chr12	12	130257877	130259876	2000	3	-0.487339	0.074985	130257493	130258262	130259649	13026010
329 NA10847	[2515685 chr12	12	130798727	130802870	4144	5	-0.806782	0.063349	130798268	130799187	130801345	13080439
330 NA10847	[2515685 chr12	12	131046250	131046750	501	2	1.133096	0.121015	131046129	131046371	131046551	13104694
331 NA10847	[2515685 chr13	13	25947233	25950398	3166	3	2.516483	0.129683	25946194	25948272	25949415	2595138
332 NA10847	[2515685 chr13	13	33029572	33043421	13850	9	0.80079	0.056497	33000262	33034253	33042925	3304391!
333 NA10847	[2515685 chr13	13	36971484	36983475	11992	10	-0.764561	0.05457	36969416	36973552	36982905	3698404!
334 NA10847	[2515685 chr13	13	69633905	69673289	39385	41	0.719112	0.024893	69633412	69634399	69672985	6967359!
335 NA10847	[2515685 chr13	13	71375850	71378291	2442	2	-0.883711	0.134791	71374967	71376734	71377584	7137899!
336 NA10847	[2515685 chr13	13	88371996	88373992	1997	3	-0.530783	0.085154	88371823	88372170	88373445	8837454!
337 NA10847	[2515685 chr13	13	109215660	109217089	1430	5	-0.537539	0.059925	109215230	109216090	109216885	10921729
338 NA10847	[2515685 chr13	13	113079647	113086819	7173	3	0.507631	0.082163	113078890	113080404	113082138	11309434
339 NA10847	[2515685 chr14	14	18439491	19494842	1055352	1595	-0.269795	0.003391	18437497	18441485	19494444	1949524
340 NA10847	[2515685 chr14	14	19763327	19766855	3529	5	-0.379772	0.065875	19762808	19763847	19766515	1976719!
341 NA10847	[2515685 chr14	14	34499224	34502267	3044	3	-0.668503	0.084035	34498536	34499912	34501891	3450264
342 NA10847	[2515685 chr14	14	42059344	42062997	3654	2	0.796225	0.118299	42056485	42062203	42062601	4206339!
343 NA10847	[2515685 chr14	14	73070288	73077249	6962	7	-0.659181	0.063737	73068747	73071829	73076337	7307816
344 NA10847	[2515685 chr14	14	73106064	73110687	4624	3	0.560511	0.0787	73105752	73106376	73110054	7311132!
345 NA10847	[2515685 chr15	15	19840090	19845597	5508	11	-0.732432	0.047044	19839894	19840287	19845254	1984594
346 NA10847	[2515685 chr15	15	21605983	21614602	8620	7	0.657687	0.064677	21605507	21606459	21612298	2163669!
347 NA10847	[2515685 chr15	15	21806543	21815139	8597	15	-0.851065	0.042209	21803314	21808847	21814238	2181604!
348 NA10847	[2515685 chr15	15	24986053	24992250	6198	7	0.726874	0.06271	24985426	24986680	24991680	2499282!
349 NA10847	[2515685 chr15	15	27688132	27690372	2241	3	-0.793098	0.101723	27687785	27688480	27690197	2769054!
350 NA10847	[2515685 chr15	15	32518204	32528011	9808	8	0.505443	0.055905	32517506	32518902	32526671	3252935!
351 NA10847	[2515685 chr15	15	32535021	32578731	43711	40	0.569278	0.025378	32534665	32535377	32578511	3257895!
352 NA10847	[2515685 chr15	15	32581490	32592025	10536	7	0.567551	0.061655	32581241	32581740	32591791	3259226!
353 NA10847	[2515685 chr15	15	74671388	74682822	11435	9	0.870562	0.056401	74671122	74671654	74680518	7468951!
354 NA10847	[2515685 chr15	15	80439837	80452154	12318	11	-0.29747	0.035797	80438703	80440972	80451464	8045284
355 NA10847	[2515685 chr15	15	80826190	80837020	10831	14	-0.252713	0.03255	80825196	80827184	80836451	8083759!
356 NA10847	[2515685 chr15	15	80963358	80974870	11513	13	-0.251686	0.032066	80962935	80963781	80973972	8097576!
357 NA10847	[2515685 chr15	15	83685983	83688723	2741	2	-0.633914	0.110245	83684729	83687238	83687705	8368974!
358 NA10847	[2515685 chr15	15	98234084	98240716	6633	8	0.871157	0.061065	98233842	98234327	98239350	9824208!
359 NA10847	[2515685 chr15	15	100109640	100122682	13043	98	1.026146	0.012068	100108905	100110376	100122315	10012305!
360 NA10847	[2515685 chr15	15	100233811	100236470	2660	11	-0.412785	0.042935	100233707	100233916	100235652	10023728
361 NA10847	[2515685 chr16	16	946002	948831	2830	2	-0.760435	0.110629	945660	946345	947314	950345
362 NA10847	[2515685 chr16	16	16538019	16556568	18550	15	0.332969	0.0386	16537767	16538272	16556033	1655710!
363 NA10847	[2515685 chr16	16	16633469	16640258	6790	5	0.795569	0.068117	16632502	16634437	16639854	1664066!
364 NA10847	[2515685 chr16	16	18634472	18640638	6167	6	0.402266	0.062741	18634215	18634730	18639845	1864143!

365 NA10847	[2515685 chr16	16	21469253	21495391	26139	28	0.293539	0.02659	21469017	21469490	21493511	21501107
366 NA10847	[2515685 chr16	16	22520654	22618743	98090	85	0.315646	0.015577	22519883	22521425	22617181	22620301
367 NA10847	[2515685 chr16	16	28522768	28525408	2641	3	-0.830574	0.08083	28522366	28523170	28525115	28525707
368 NA10847	[2515685 chr16	16	28732542	28735489	2948	2	0.757053	0.11065	28732323	28732762	28733609	28739351
369 NA10847	[2515685 chr16	16	32159898	32160377	480	2	-1.660409	0.09342	32159453	32160343	32160346	32160401
370 NA10847	[2515685 chr16	16	32210096	32219640	9545	19	0.270704	0.026833	32209551	32210641	32219531	32219747
371 NA10847	[2515685 chr16	16	32606692	32607163	472	2	-1.660466	0.093422	32606661	32606724	32606727	32607597
372 NA10847	[2515685 chr16	16	33100875	33101346	472	2	-1.660406	0.09342	33100438	33101312	33101315	33101377
373 NA10847	[2515685 chr16	16	33157406	33157879	474	2	-1.660396	0.09342	33156967	33157845	33157848	33157917
374 NA10847	[2515685 chr16	16	33207215	33217055	9841	18	0.276872	0.027844	33206951	33207480	33216946	33217167
375 NA10847	[2515685 chr16	16	83994929	84004171	9243	81	-0.347363	0.01373	83994558	83995300	84003767	84004571
376 NA10847	[2515685 chr16	16	84562720	84565235	2516	11	0.838198	0.048598	84561685	84563756	84565142	84565327
377 NA10847	[2515685 chr16	16	86669849	86672366	2518	2	-0.730657	0.10247	86669288	86670411	86671217	86673517
378 NA10847	[2515685 chr16	16	88423913	88426101	2189	3	-0.617009	0.093197	88423258	88424569	88425843	88426361
379 NA10847	[2515685 chr16	16	88710464	88712266	1803	9	-0.359572	0.053167	88710456	88710473	88712200	88712337
380 NA10847	[2515685 chr17	17	966845	969578	2734	21	0.277791	0.033833	966537	967154	969378	969775
381 NA10847	[2515685 chr17	17	18299050	18332345	33296	46	-0.324029	0.021133	18298294	18299807	18331978	18332717
382 NA10847	[2515685 chr17	17	20298196	20337190	38995	58	-0.268165	0.018569	20298119	20298273	20336945	20337431
383 NA10847	[2515685 chr17	17	21942843	21954469	11627	19	-0.409042	0.033295	21942618	21943068	21954310	21954627
384 NA10847	[2515685 chr17	17	27384313	27385596	1284	3	0.455985	0.087395	27383767	27384860	27385274	27385917
385 NA10847	[2515685 chr17	17	33425145	33430792	5648	10	-0.434956	0.045558	33424532	33425759	33428591	33529297
386 NA10847	[2515685 chr17	17	33654387	33659558	5172	12	-0.445638	0.042137	33653601	33655173	33658997	33660117
387 NA10847	[2515685 chr17	17	40986513	41060452	73940	83	0.283556	0.015868	40986038	40986989	41058251	41062697
388 NA10847	[2515685 chr17	17	41521287	41724965	203679	201	0.641717	0.010682	41521002	41521572	41724205	41725727
389 NA10847	[2515685 chr17	17	41741357	41762764	21408	24	0.251999	0.025637	41740846	41741868	41762258	41763277
390 NA10847	[2515685 chr17	17	41779931	41788050	8120	4	0.408802	0.061096	41779457	41780406	41786164	41789931
391 NA10847	[2515685 chr17	17	41964733	41980180	15448	15	0.282217	0.031145	41964517	41964949	41979673	41980687
392 NA10847	[2515685 chr17	17	42905976	42908985	3010	2	0.67173	0.124616	42905585	42906368	42906957	42911017
393 NA10847	[2515685 chr17	17	42970703	42975972	5270	11	-0.422202	0.043902	42970185	42971221	42975162	42977678
394 NA10847	[2515685 chr17	17	60339142	60358929	19788	13	0.64156	0.042352	60338734	60339551	60357902	60359951
395 NA10847	[2515685 chr18	18	61874791	61883105	8315	9	-0.848765	0.053107	61874483	61875100	61882738	61883477
396 NA10847	[2515685 chr18	18	61917747	61920171	2425	4	1.930224	0.122888	61917522	61917973	61919646	61920697
397 NA10847	[2515685 chr18	18	74231104	74234275	3172	30	-0.508804	0.018504	74230952	74231256	74234139	74234417
398 NA10847	[2515685 chr18	18	74371540	74376367	4828	8	0.275801	0.037889	74371016	74372064	74375833	74376907
399 NA10847	[2515685 chr18	18	74392800	74398225	5426	4	0.547132	0.076898	74390826	74394774	74397790	74398667
400 NA10847	[2515685 chr19	19	310414	312953	2540	14	-0.586478	0.038462	309687	311142	312913	312994
401 NA10847	[2515685 chr19	19	8704062	8705799	1738	2	0.528355	0.101955	8703659	8704466	8704912	8706687
402 NA10847	[2515685 chr19	19	8708780	8763535	54756	94	0.835935	0.011234	8708296	8709264	8763160	8763917
403 NA10847	[2515685 chr19	19	23007904	23013841	5938	6	0.736916	0.071181	22990964	23010431	23013525	23014157
404 NA10847	[2515685 chr19	19	23597182	23600235	3054	5	-0.842614	0.073251	23596541	23597823	23599600	23600877
405 NA10847	[2515685 chr19	19	40543556	40554347	10792	9	-0.500816	0.050153	40543292	40543821	40554020	40554677
406 NA10847	[2515685 chr19	19	41450187	41493612	43426	28	-0.35865	0.022964	41421528	41452714	41491085	41497857
407 NA10847	[2515685 chr19	19	42450473	42487512	37040	33	-0.381469	0.020163	42413600	42453000	42486487	42488537
408 NA10847	[2515685 chr19	19	58169057	58171564	2508	2	0.46435	0.092835	58168791	58169324	58171021	58172107
409 NA10847	[2515685 chr19	19	58210435	58244458	34024	26	-0.682701	0.030203	58209863	58211007	58243893	58245027
410 NA10847	[2515685 chr19	19	59247755	59252061	4307	5	0.694063	0.070529	59246427	59249084	59251854	59252267
411 NA10847	[2515685 chr19	19	59420142	59435274	15133	18	0.33101	0.033998	59419795	59420489	59435027	59435527
412 NA10847	[2515685 chr19	19	60958920	60976029	17110	15	-0.708494	0.039298	60957933	60959907	60975748	60976317
413 NA10847	[2515685 chr20	20	1511097	1532477	21381	26	0.762968	0.030935	1510534	1511660	1532182	1532777
414 NA10847	[2515685 chr20	20	26136817	26137613	797	2	0.949644	0.118011	26136626	26137008	26137444	26137778
415 NA10847	[2515685 chr20	20	26147697	26161501	13805	23	-0.386665	0.030349	26147451	26147944	26161227	26161771
416 NA10847	[2515685 chr20	20	49817373	49819212	1840	2	0.653626	0.116743	49816867	49817880	49818962	49819467
417 NA10847	[2515685 chr20	20	59951513	59957050	5538	18	0.5616	0.032899	59950681	59952345	59956538	59957567
418 NA10847	[2515685 chr20	20	61708834	61711805	2972	22	-0.299369	0.031169	61708573	61709096	61711616	61711997
419 NA10847	[2515685 chr20	20	62233505	62235897	2393	4	0.720895	0.057213	62232847	62234163	62235101	62236697

420 NA10847	[2515685 chr22	22	14480514	14514775	34262	62	-0.375811	0.017655	14480270	14480758	14514558	1451499:
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422 NA10847	[2515685 chr22	22	17385504	17397941	12438	22	-0.284296	0.03157	17385031	17385977	17397517	1739836:
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424 NA10847	[2515685 chr22	22	19392079	19419485	27407	8	-0.570796	0.052988	19391751	19392407	19416806	1944992:
425 NA10847	[2515685 chr22	22	20001890	20121795	119906	165	-0.373102	0.007847	20001715	20002065	20121548	2012204:
426 NA10847	[2515685 chr22	22	20137248	20243640	106393	148	-0.373102	0.007847	20136561	20137935	20240961	2030228:
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1 NA18972	[2515685 chr1	1	17608	20340	2733	6	0.34237	0.066968	17608	17608	20153	20527
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8 NA18972	[2515685 chr1	1	1267199	1272598	5400	7	-0.329654	0.062123	1266920	1267479	1271853	127334:
9 NA18972	[2515685 chr1	1	10416438	10418311	1874	2	-0.863804	0.115994	10415863	10417014	10417712	1041891:
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14 NA18972	[2515685 chr1	1	12995178	13014231	19054	25	0.425007	0.03282	12994551	12995806	13013335	130151:
15 NA18972	[2515685 chr1	1	13075373	13096719	21347	31	-0.252302	0.029506	13075187	13075559	13096700	1309673:
16 NA18972	[2515685 chr1	1	13122036	13130103	8068	17	0.33783	0.039846	13121175	13122897	13129330	1313087:
17 NA18972	[2515685 chr1	1	13144855	13156534	11680	18	0.367669	0.038664	13142107	13147604	13156300	1315676:
18 NA18972	[2515685 chr1	1	13158620	13159168	549	2	0.895465	0.116647	13158367	13158874	13158889	1315944:
19 NA18972	[2515685 chr1	1	13159940	13165991	6052	10	0.467689	0.051873	13159618	13160263	13165683	1316630:
20 NA18972	[2515685 chr1	1	13175736	13197672	21937	15	0.404027	0.042354	13175341	13176132	13197496	1319784:
21 NA18972	[2515685 chr1	1	13365652	13377331	11680	18	0.367669	0.038664	13362904	13368401	13377097	1337756:
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26 NA18972	[2515685 chr1	1	16721663	16727887	6225	12	0.313516	0.047354	16721348	16721979	16727506	1672826:
27 NA18972	[2515685 chr1	1	16983252	17005532	22281	25	-0.458868	0.033428	16982953	16983552	17006416	1700644:
28 NA18972	[2515685 chr1	1	21875574	21882963	7390	2	0.59914	0.115992	21873884	21877264	21882649	2188327:
29 NA18972	[2515685 chr1	1	22055126	22083382	28257	19	-0.482556	0.037737	22054832	22055421	22081996	2208476:
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35 NA18972	[2515685 chr1	1	72478372	72524180	45809	36	-3.250578	0.052453	72478140	72478604	72523661	7252470:
36 NA18972	[2515685 chr1	1	89188117	89190762	2646	5	2.123824	0.103979	89187764	89188470	89190458	8919106:
37 NA18972	[2515685 chr1	1	103827497	103834166	6670	16	0.895309	0.041734	103827175	103827820	103833999	10383433:

38 NA18972	[2515685 chr1	1	103848232	103866317	18086	26	1.182317	0.010456	103842566	103851565	103865345	10386729
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41 NA18972	[2515685 chr1	1	105728161	105735462	7302	8	-0.921793	0.063729	105727820	105728503	105734532	10573639
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45 NA18972	[2515685 chr1	1	109936541	109953240	16700	21	0.973261	0.03758	109935803	109937279	109952761	10995372
46 NA18972	[2515685 chr1	1	109954457	109969406	14950	12	0.545654	0.049446	109954248	109954666	109969060	10996975
47 NA18972	[2515685 chr1	1	116870606	116915240	44635	54	-0.289499	0.022332	116869172	116872040	116914887	11691559
48 NA18972	[2515685 chr1	1	120263820	120342752	78933	118	0.317815	0.015101	120263381	120264260	120342542	12034296
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54 NA18972	[2515685 chr1	1	142079904	142102147	22244	45	0.29111	0.0246	142079386	142080422	142099900	14210439
55 NA18972	[2515685 chr1	1	142439523	142569435	129913	153	0.400939	0.013272	142439104	142439942	142568775	14257009
56 NA18972	[2515685 chr1	1	142678373	142775572	97200	153	0.29302	0.013303	142678163	142678583	142775363	14277578
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58 NA18972	[2515685 chr1	1	145375735	145418414	42680	79	0.289598	0.018456	145375681	145375789	145418405	14541842
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75 NA18972	[2515685 chr1	1	239368545	239425278	56734	7	-0.41788	0.062001	239368239	239368851	239421945	23942949
76 NA18972	[2515685 chr2	2	296456	298925	2470	8	-0.725981	0.057996	296213	296699	298661	299185
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85 NA18972	[2515685 chr2	2	52661573	52696869	35297	26	-0.945622	0.033419	52661218	52661928	52696416	5269732
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92 NA18972	[2515685 chr2	2	87474786	87476071	1286	4	-0.475155	0.082019	87474526	87475047	87475704	8747643



93 NA18972	[2515685 chr2	2	87964549	88098957	134409	12	0.386109	0.048108	87964512	87964586	88097049	88100861
94 NA18972	[2515685 chr2	2	88120146	88126839	6694	12	0.267683	0.047425	88119849	88120444	88126458	88127221
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97 NA18972	[2515685 chr2	2	97184386	97189764	5379	2	-0.76372	0.115992	97182781	97185992	97186782	97196721
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110 NA18972	[2515685 chr2	2	130971559	130978018	6460	15	-0.313383	0.042355	130971399	130971719	130977852	13097818
111 NA18972	[2515685 chr2	2	131252332	131269919	17588	31	-0.281961	0.029462	131251627	131253037	131269538	13127030
112 NA18972	[2515685 chr2	2	131765052	131784546	19495	30	-0.43991	0.029949	131749458	131768034	131783971	13178512
113 NA18972	[2515685 chr2	2	131815930	131821770	5841	15	-0.34439	0.042355	131815635	131816225	131821605	13182193
114 NA18972	[2515685 chr2	2	131857444	131876658	19215	31	-0.261844	0.029462	131856572	131858317	131876312	13187700
115 NA18972	[2515685 chr2	2	131899666	131908220	8555	14	-0.311544	0.043841	131899373	131899960	131908037	13190840
116 NA18972	[2515685 chr2	2	131918222	131952657	34436	46	-0.29491	0.024209	131918096	131918348	131952315	13195299
117 NA18972	[2515685 chr2	2	132127472	132131409	3938	2	-0.594352	0.115993	132127160	132127784	132128427	13213581
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124 NA18972	[2515685 chr2	2	132871108	132873051	1944	3	-0.576744	0.096102	132870911	132871306	132872791	13287331
125 NA18972	[2515685 chr2	2	133150179	133163479	13301	9	-0.354691	0.054915	133149969	133150389	133161737	13316522
126 NA18972	[2515685 chr2	2	146694116	146710744	16629	17	-2.931256	0.072751	146688620	146697098	146710557	14671093
127 NA18972	[2515685 chr2	2	153622711	153625256	2546	3	1.051154	0.095222	153621175	153624247	153625088	15362542
128 NA18972	[2515685 chr2	2	195804965	195809805	4841	5	-0.733258	0.078184	195803577	195806354	195809355	19581025
129 NA18972	[2515685 chr2	2	208176479	208184457	7979	7	0.877676	0.063731	208176093	208176865	208183930	20818498
130 NA18972	[2515685 chr2	2	220210709	220212384	1676	2	0.645487	0.115992	220210455	220210963	220211965	22021280
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132 NA18972	[2515685 chr3	3	149944	152369	2426	4	0.489614	0.082019	148712	151176	151848	152890
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134 NA18972	[2515685 chr3	3	587432	638425	50994	44	-0.306225	0.02473	586921	587943	638149	638701
135 NA18972	[2515685 chr3	3	1757211	1765741	8531	2	0.833524	0.123329	1756096	1758327	1762058	1797300
136 NA18972	[2515685 chr3	3	2384125	2385512	1388	2	-0.630612	0.117018	2383730	2384521	2385090	2385931
137 NA18972	[2515685 chr3	3	16213841	16219504	5664	5	-0.393942	0.07336	16213419	16214264	16219256	16219751
138 NA18972	[2515685 chr3	3	50888459	50888513	55	2	1.160673	0.12328	50888445	50888474	50888495	50888531
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140 NA18972	[2515685 chr3	3	76066312	76081451	15140	19	-0.282987	0.037633	76065787	76066838	76081180	76081721
141 NA18972	[2515685 chr3	3	105760262	105762355	2094	2	-0.893695	0.121014	105759634	105760890	105761424	10576328
142 NA18972	[2515685 chr3	3	122794775	122796435	1661	2	0.646003	0.117203	122794406	122795145	122796216	12279665
143 NA18972	[2515685 chr3	3	126965775	126976147	10373	9	-0.336962	0.054679	126964448	126967103	126972846	12697944
144 NA18972	[2515685 chr3	3	127155218	127158873	3656	6	-0.580683	0.067181	127155047	127155390	127158237	12715950
145 NA18972	[2515685 chr3	3	129611885	129620741	8857	13	-0.293753	0.045496	129611430	129612340	129620317	12962116
146 NA18972	[2515685 chr3	3	131202807	131207291	4485	11	-0.331138	0.049459	131202638	131202976	131206953	13120762
147 NA18972	[2515685 chr3	3	133191392	133196576	5185	5	-0.929188	0.074176	133190820	133191965	133195824	13319732

148 NA18972	[2515685 chr3	3	164006076	164088680	82605	82	-0.402748	0.044188	164005882	164006270	164088390	16408897
149 NA18972	[2515685 chr3	3	164199936	164204121	4186	5	-0.862613	0.076544	164199686	164200187	164203568	16420467
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151 NA18972	[2515685 chr3	3	191219813	191223326	3514	4	0.814634	0.084534	191219291	191220336	191222918	19122373
152 NA18972	[2515685 chr3	3	192547312	192554331	7020	10	0.974589	0.053327	192546950	192547674	192554127	19255453
153 NA18972	[2515685 chr3	3	192558919	192560590	1672	3	0.524419	0.098364	192558727	192559112	192560293	19256088
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155 NA18972	[2515685 chr3	3	196679304	196713768	34465	36	0.631302	0.027356	196677636	196680972	196711768	19671576
156 NA18972	[2515685 chr3	3	196946678	196958848	12171	10	-0.499157	0.051873	196946096	196947261	196956437	19696126
157 NA18972	[2515685 chr3	3	196994475	197002965	8491	10	0.787414	0.051994	196994054	196994896	197002044	19700388
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161 NA18972	[2515685 chr3	3	199313925	199321063	7139	15	-0.719129	0.042407	199313515	199314336	199320844	19932128
162 NA18972	[2515685 chr4	4	742050	745315	3266	4	-0.505406	0.082019	741832	742268	745035	745595
163 NA18972	[2515685 chr4	4	3705325	3708427	3103	5	-0.508246	0.07336	3704944	3705707	3708109	3708745
164 NA18972	[2515685 chr4	4	3853958	3855414	1457	2	0.701026	0.116451	3853163	3854754	3855199	3855625
165 NA18972	[2515685 chr4	4	8740456	8756949	16494	23	0.828748	0.034204	8740049	8740864	8756813	8757086
166 NA18972	[2515685 chr4	4	8999137	9045340	46204	46	1.168433	0.024508	8849955	9002239	9044948	9045733
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170 NA18972	[2515685 chr4	4	9887220	9911397	24178	29	2.928023	0.051062	9886886	9887555	9910388	9912407
171 NA18972	[2515685 chr4	4	34602797	34650994	48198	45	0.876314	0.025334	34601994	34603600	34649535	3465245
172 NA18972	[2515685 chr4	4	49002144	49003465	1322	8	-0.333513	0.057996	49002100	49002189	49003383	49003541
173 NA18972	[2515685 chr4	4	49022294	49082383	60090	92	-0.312912	0.017115	49022202	49022387	49082282	49082481
174 NA18972	[2515685 chr4	4	49399654	49471674	72021	104	-0.313789	0.016173	49399649	49399660	49471630	49471711
175 NA18972	[2515685 chr4	4	58094409	58103329	8921	9	-0.763258	0.056126	58090798	58097511	58102479	58104181
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183 NA18972	[2515685 chr4	4	138538055	138549906	11852	13	0.927183	0.049226	138537443	138538668	138547414	13855239
184 NA18972	[2515685 chr4	4	145128782	145135747	6966	7	0.360556	0.06431	145128536	145129028	145135268	14513622
185 NA18972	[2515685 chr4	4	145240980	145245588	4609	4	-0.886471	0.092262	145240473	145241488	145245192	14524598
186 NA18972	[2515685 chr4	4	145481362	145482703	1342	2	0.756292	0.119688	145481152	145481573	145482320	14548308
187 NA18972	[2515685 chr4	4	153147415	153151949	4535	5	-0.798476	0.074808	153146836	153147995	153151358	15315254
188 NA18972	[2515685 chr4	4	162237272	162242562	5291	8	-4.44627	0.136957	162236487	162238058	162242381	16224274
189 NA18972	[2515685 chr4	4	162806038	162809269	3232	3	-3.057671	0.151138	162804872	162807204	162808734	16280980
190 NA18972	[2515685 chr4	4	169184442	169368370	183929	160	0.881752	0.013442	169184090	169184794	169366713	16937002
191 NA18972	[2515685 chr4	4	172750241	172755216	4976	2	-3.842122	0.313154	172748887	172751596	172753256	17275717
192 NA18972	[2515685 chr4	4	173363594	173367718	4125	6	-0.746645	0.067473	173362583	173364606	173367283	17336815
193 NA18972	[2515685 chr4	4	173799832	173807357	7526	6	-3.860054	0.15385	173799464	173800201	173804255	17381134
194 NA18972	[2515685 chr4	4	185533276	185544849	11574	12	0.93007	0.048807	185532696	185533857	185543276	18554642
195 NA18972	[2515685 chr4	4	186816951	186819359	2409	3	3.38119	0.186183	186816420	186817483	186819049	186819671
196 NA18972	[2515685 chr4	4	187728494	187732907	4414	14	2.797368	0.0643	187728193	187728795	187732541	18773327
197 NA18972	[2515685 chr4	4	188255523	188269680	14158	235	0.812199	0.010712	188255215	188255831	188269403	18826995
198 NA18972	[2515685 chr4	4	189812041	189814133	2093	2	-0.99229	0.124796	189811777	189812306	189813742	18981452
199 NA18972	[2515685 chr4	4	190528602	190533163	4562	21	-3.301411	0.0537	190528058	190529146	190531664	19053466
200 NA18972	[2515685 chr4	4	190568762	190575314	6553	11	-0.366958	0.049748	190568557	190568968	190574770	19057585
201 NA18972	[2515685 chr4	4	190849236	191058214	208979	203	0.272191	0.011547	190848995	190849478	191057867	19105856
202 NA18972	[2515685 chr4	4	191142404	191143596	1193	3	-0.856689	0.094978	191142135	191142673	191143215	19114397

203 NA18972	[2515685 chr5	5	520743	521684	942	5	1.173787	0.078937	520428	521059	521427	521942
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206 NA18972	[2515685 chr5	5	747659	831951	84293	62	0.550804	0.015154	747575	747744	831222	832681
207 NA18972	[2515685 chr5	5	838991	892859	53869	39	0.550804	0.015154	838907	839076	892653	893066
208 NA18972	[2515685 chr5	5	896567	901102	4536	6	0.550804	0.015154	896470	896664	900078	902127
209 NA18972	[2515685 chr5	5	1075284	1079920	4637	24	0.463646	0.033484	1074709	1075859	1079566	1080271
210 NA18972	[2515685 chr5	5	1122995	1126517	3523	38	0.267304	0.026611	1122772	1123219	1126389	1126644
211 NA18972	[2515685 chr5	5	1223248	1223930	683	5	0.976427	0.07336	1223057	1223439	1223854	1224007
212 NA18972	[2515685 chr5	5	12863961	12873512	9552	14	-0.879969	0.04689	12863778	12864144	12873198	12873827
213 NA18972	[2515685 chr5	5	13266358	13271720	5363	5	-0.827259	0.07562	13266097	13266620	13269856	13273581
214 NA18972	[2515685 chr5	5	17570617	17644064	73448	332	-0.752973	0.009024	17570551	17570684	17643754	17644371
215 NA18972	[2515685 chr5	5	17664339	17667407	3069	7	-0.64977	0.062001	17663984	17664695	17667174	17667647
216 NA18972	[2515685 chr5	5	19410747	19412172	1426	3	0.831109	0.098663	19410189	19411305	19411980	19412361
217 NA18972	[2515685 chr5	5	21517153	21532321	15169	31	-0.413328	0.029462	21516899	21517407	21532217	21532421
218 NA18972	[2515685 chr5	5	26831997	26837938	5942	6	0.822392	0.069441	26829858	26834136	26837469	26838401
219 NA18972	[2515685 chr5	5	34214373	34229543	15171	39	-0.403119	0.026267	34214196	34214550	34229296	34229791
220 NA18972	[2515685 chr5	5	55099477	55114669	15193	4	0.431396	0.082422	55099288	55099667	55111946	55117397
221 NA18972	[2515685 chr5	5	68885666	68939318	53653	87	0.356348	0.017661	68885378	68885955	68939084	68939557
222 NA18972	[2515685 chr5	5	68961866	68986119	24254	64	-0.331571	0.020505	68960721	68963012	68985949	68986281
223 NA18972	[2515685 chr5	5	69230421	69247097	16677	43	-0.403464	0.025016	69230274	69230569	69246993	69247207
224 NA18972	[2515685 chr5	5	69357598	69415247	57650	52	0.506347	0.023045	69357245	69357951	69412002	69419467
225 NA18972	[2515685 chr5	5	69534189	69565860	31672	82	-0.381546	0.018115	69534085	69534294	69565690	69566031
226 NA18972	[2515685 chr5	5	69612695	69807546	194852	381	0.267702	0.008427	69612648	69612743	69807235	69807851
227 NA18972	[2515685 chr5	5	69817505	69862137	44633	114	-0.332666	0.015363	69816360	69818651	69862066	69862201
228 NA18972	[2515685 chr5	5	70106303	70122148	15846	41	-0.412475	0.025619	70106156	70106451	70122044	70122257
229 NA18972	[2515685 chr5	5	70197495	70405126	207632	263	0.333194	0.010162	70197038	70197953	70404569	70405687
230 NA18972	[2515685 chr5	5	70497604	70511908	14305	31	0.288332	0.029462	70497172	70498037	70511607	70512211
231 NA18972	[2515685 chr5	5	70534574	70547927	13354	34	-0.381302	0.01834	70534470	70534679	70547851	70548007
232 NA18972	[2515685 chr5	5	70552603	70566095	13493	35	-0.381302	0.01834	70552499	70552708	70566025	70566161
233 NA18972	[2515685 chr5	5	81459160	81466108	6949	2	-1.521317	0.125168	81455614	81462405	81462863	81470281
234 NA18972	[2515685 chr5	5	93928460	93933101	4642	4	-0.42038	0.082019	93927706	93929215	93931984	93934211
235 NA18972	[2515685 chr5	5	97427204	97428353	11150	2	0.896472	0.116381	97426913	97427496	97428177	97428521
236 NA18972	[2515685 chr5	5	98885698	98900161	14464	30	-0.342335	0.030139	98885401	98885995	98900052	98900271
237 NA18972	[2515685 chr5	5	99408801	99419037	10237	14	-0.371663	0.026287	99408605	99408997	99418328	99419741
238 NA18972	[2515685 chr5	5	99424905	99436061	11157	18	-0.371663	0.026287	99424257	99425553	99433487	99438631
239 NA18972	[2515685 chr5	5	99738581	99756339	17759	37	-0.384334	0.026968	99738184	99738978	99756204	99756477
240 NA18972	[2515685 chr5	5	137835178	137844134	8957	7	0.677277	0.064652	137834745	137835611	137843310	137844957
241 NA18972	[2515685 chr5	5	140194263	140197431	3169	5	0.444266	0.07336	140193978	140194548	140197059	140197807
242 NA18972	[2515685 chr5	5	140203081	140218928	15848	18	2.777291	0.063528	140202344	140203819	140218508	140219347
243 NA18972	[2515685 chr5	5	140243009	140254228	11220	9	0.286409	0.054679	140242543	140243476	140253688	140254767
244 NA18972	[2515685 chr5	5	175476954	175483482	6529	10	0.266518	0.051873	175476662	175477247	175483251	175483717
245 NA18972	[2515685 chr5	5	180803541	180809238	5698	9	-0.28742	0.054679	180803022	180804061	180806709	180811767
246 NA18972	[2515685 chr5	5	180821687	180828912	7226	10	0.30921	0.051873	180820892	180822483	180827734	180830097
247 NA18972	[2515685 chr6	6	121496	124826	3331	2	-0.641381	0.115992	121016	121977	123194	126455
248 NA18972	[2515685 chr6	6	201823	328723	126901	129	0.487756	0.014489	201415	202232	328320	329127
249 NA18972	[2515685 chr6	6	19149239	19156670	7432	10	-0.8892	0.053112	19148813	19149665	19153876	19159461
250 NA18972	[2515685 chr6	6	26827749	26890332	62584	148	-0.335187	0.013496	26827510	26827989	26890093	26890577
251 NA18972	[2515685 chr6	6	26960263	26976094	15832	34	-0.389763	0.028132	26959735	26960792	26975842	26976347
252 NA18972	[2515685 chr6	6	29958572	30010672	52101	49	-1.038912	0.027477	29957670	29959474	30010262	300111087
253 NA18972	[2515685 chr6	6	31383567	31386100	2534	3	-0.912242	0.098154	31383185	31383949	31385806	31386391
254 NA18972	[2515685 chr6	6	32277858	32294017	16160	14	-0.266781	0.043842	32277318	32278398	32293561	32294477
255 NA18972	[2515685 chr6	6	32468899	32477058	8160	7	-0.444306	0.062206	32467750	32470049	32476327	32477791
256 NA18972	[2515685 chr6	6	32557126	32603035	45910	37	0.655872	0.013567	32556948	32557305	32601735	32604331
257 NA18972	[2515685 chr6	6	32612720	32744343	131624	129	0.655872	0.013567	32611897	32613543	32744136	32744551

258 NA18972	[2515685 chr6	6	32761396	32763261	1866	4	0.647053	0.085173	32761019	32761774	32763101	32763427
259 NA18972	[2515685 chr6	6	32775535	32793066	17532	12	0.323284	0.04963	32775260	32775810	32792384	32793749
260 NA18972	[2515685 chr6	6	54036900	54042384	5485	5	4.556077	0.159665	54036573	54037227	54041771	54042999
261 NA18972	[2515685 chr6	6	58248183	58258610	10428	16	-0.2927	0.041584	58247693	58248673	58258363	58258859
262 NA18972	[2515685 chr6	6	58359812	58373562	13751	27	-0.403516	0.03157	58359287	58360338	58373372	58373759
263 NA18972	[2515685 chr6	6	66455162	66461833	6672	5	-0.889772	0.078889	66454046	66456278	66461410	66462259
264 NA18972	[2515685 chr6	6	77495034	77513547	18514	12	0.867728	0.050414	77493568	77496500	77510011	77517699
265 NA18972	[2515685 chr6	6	78326767	78328478	1712	2	-0.653467	0.115992	78325974	78327560	78328067	78328889
266 NA18972	[2515685 chr6	6	79023318	79093263	69946	70	0.864758	0.020312	79022028	79024609	79091909	79094619
267 NA18972	[2515685 chr6	6	81341888	81350271	8384	10	-0.958777	0.053352	81341647	81342129	81350013	81350539
268 NA18972	[2515685 chr6	6	82206376	82229099	22724	27	-0.846045	0.032136	82193230	82209912	82226512	82231689
269 NA18972	[2515685 chr6	6	88460591	88469674	9084	12	0.289508	0.047708	88460274	88460909	88469034	88470319
270 NA18972	[2515685 chr6	6	103844685	103871201	26517	16	2.513102	0.069269	103844347	103845023	103868241	103874169
271 NA18972	[2515685 chr6	6	154242420	154243597	1178	2	0.675962	0.115993	154242101	154242740	154243254	15424394
272 NA18972	[2515685 chr6	6	160056728	160058998	2271	2	-0.968599	0.115992	160055808	160057648	160058322	160059679
273 NA18972	[2515685 chr6	6	161001907	161038145	36239	49	0.640508	0.023514	161001167	161002648	161037686	161038609
274 NA18972	[2515685 chr6	6	167523410	167528147	4738	5	0.43711	0.07336	167523126	167523695	167527575	167528719
275 NA18972	[2515685 chr6	6	167630125	167632041	1917	2	0.636439	0.12444	167629818	167630433	167631524	167632559
276 NA18972	[2515685 chr6	6	167775161	167777997	2837	2	1.477688	0.125414	167774259	167776063	167777289	167778709
277 NA18972	[2515685 chr6	6	170603879	170604666	788	2	-0.756348	0.115992	170603541	170604217	170604339	170604999
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279 NA18972	[2515685 chr6	6	170692529	170695455	2927	14	0.260402	0.043841	170692183	170692876	170695068	170695849
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281 NA18972	[2515685 chr7	7	188812	192178	3367	2	-0.650141	0.115993	188430	189194	189783	197026
282 NA18972	[2515685 chr7	7	1084125	1086660	2536	15	0.344177	0.042354	1083752	1084499	1085871	1087449
283 NA18972	[2515685 chr7	7	3384111	3392502	8392	7	0.87836	0.063197	3383451	3384772	3390107	3395619
284 NA18972	[2515685 chr7	7	6521558	6536096	14539	15	0.309438	0.042354	6521351	6521765	6535612	6536589
285 NA18972	[2515685 chr7	7	7448340	7635641	187302	4	0.415906	0.082982	7362435	7450735	7635240	7636042
286 NA18972	[2515685 chr7	7	14024131	14025556	1426	5	0.550297	0.073359	14023511	14024751	14025262	14025859
287 NA18972	[2515685 chr7	7	14069609	14072254	2646	3	0.51986	0.097385	14069062	14070157	14071722	14072789
288 NA18972	[2515685 chr7	7	15002967	15009839	6873	3	-0.484811	0.094707	15002468	15003467	15009610	15010069
289 NA18972	[2515685 chr7	7	16865689	16870303	4615	3	-0.845252	0.095881	16863263	16868084	16869575	16871039
290 NA18972	[2515685 chr7	7	38159778	38177664	17887	19	-0.335875	0.037673	38159476	38160081	38177341	38177989
291 NA18972	[2515685 chr7	7	43774540	43856045	81506	97	0.613584	0.016732	43774344	43774737	43853730	43858369
292 NA18972	[2515685 chr7	7	57512425	57524163	11739	13	-0.269547	0.045496	57512005	57512846	57523428	57524899
293 NA18972	[2515685 chr7	7	62253787	62255088	1302	8	-0.369034	0.057996	62253736	62253838	62254924	62255259
294 NA18972	[2515685 chr7	7	62302079	62303379	1301	8	-0.369042	0.057997	62301915	62302243	62303330	62303429
295 NA18972	[2515685 chr7	7	66185764	66206287	20524	33	0.369557	0.028556	66185376	66186152	66205860	66206719
296 NA18972	[2515685 chr7	7	69868331	69869623	1293	2	0.892147	0.123146	69867990	69868672	69869269	69869979
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298 NA18972	[2515685 chr7	7	71775031	71788401	13371	25	0.406144	0.032808	71773381	71776681	71787589	71789219
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301 NA18972	[2515685 chr7	7	73965656	73966691	1036	4	0.510542	0.082229	73965279	73966033	73966513	73966879
302 NA18972	[2515685 chr7	7	74138782	74159460	20679	44	0.270612	0.024729	74137741	74139824	74159389	74159539
303 NA18972	[2515685 chr7	7	74559882	74564239	4358	10	0.443203	0.051873	74559528	74560236	74563255	74565229
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306 NA18972	[2515685 chr7	7	74766333	74781906	15574	30	0.439493	0.029949	74766323	74766343	74781415	74782399
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310 NA18972	[2515685 chr7	7	89455106	89456632	1527	3	3.45446	0.156233	89454839	89455373	89456225	89457039
311 NA18972	[2515685 chr7	7	89481337	89483585	2249	3	0.533514	0.100904	89481019	89481656	89483222	89483999
312 NA18972	[2515685 chr7	7	90854163	90858514	4352	4	0.413263	0.082506	90853717	90854609	90856119	90863379

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316 NA18972	[2515685 chr7	7	100202927	100203955	1029	2	-0.653158	0.115992	100202569	100203285	100203714	10020419
317 NA18972	[2515685 chr7	7	101576590	101591961	15372	28	0.422735	0.031	101575497	101577683	101591559	10159236
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325 NA18972	[2515685 chr7	7	141759291	141761893	2603	3	-0.781479	0.094709	141758892	141759690	141761589	14176219
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330 NA18972	[2515685 chr8	8	1328256	1343509	15254	45	-0.727322	0.02472	1327688	1328824	1342795	1344224
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334 NA18972	[2515685 chr8	8	6813967	6815529	1563	2	-5.030777	0.251579	6813560	6814375	6815199	6815861
335 NA18972	[2515685 chr8	8	6838442	6839964	1523	2	-0.620591	0.115992	6837912	6838972	6839687	6840241
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337 NA18972	[2515685 chr8	8	6863578	6866494	2917	6	-0.417221	0.066968	6863028	6864129	6866269	6866711
338 NA18972	[2515685 chr8	8	7061162	7075965	14804	24	-0.397424	0.033484	7060897	7061427	7075687	7076244
339 NA18972	[2515685 chr8	8	7097781	7146048	48268	203	-0.919504	0.004101	7097278	7098285	7145836	7146267
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341 NA18972	[2515685 chr8	8	7903980	7929654	25675	97	-0.919504	0.004101	7903568	7904392	7929154	7930151
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345 NA18972	[2515685 chr8	8	12034819	12046210	11392	16	-0.378804	0.023198	12034665	12034973	12046041	12046371
346 NA18972	[2515685 chr8	8	12050247	12064826	14580	28	-0.378804	0.023198	12049802	12050693	12064663	12064981
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356 NA18972	[2515685 chr8	8	20021407	20024771	3365	2	-0.792067	0.118643	20019323	20023491	20024338	20025201
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365 NA18972	[2515685 chr8	8	86726563	86910255	183693	122	0.525705	0.014855	86726002	86727125	86910002	86910501
366 NA18972	[2515685 chr8	8	91084001	91088518	4518	6	0.360895	0.067122	91083536	91084467	91088260	91088771
367 NA18972	[2515685 chr8	8	115702151	115712413	10263	11	-0.854463	0.051202	115701237	115703065	115712263	11571256

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369 NA18972	[2515685 chr9	9	310045	312573	2529	61	-0.423375	0.021003	309952	310139	312407	312740
370 NA18972	[2515685 chr9	9	5369359	5374645	5287	3	0.501856	0.099533	5369173	5369546	5374439	5374852
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372 NA18972	[2515685 chr9	9	33005458	33018577	13120	14	0.255655	0.043842	33005136	33005780	33018086	33019065
373 NA18972	[2515685 chr9	9	38534534	38554763	20230	10	-0.372996	0.051873	38534046	38535023	38552448	38557071
374 NA18972	[2515685 chr9	9	38855995	38864826	8832	17	-0.269333	0.040326	38849975	38858379	38864539	38865111
375 NA18972	[2515685 chr9	9	39273300	39277832	4533	16	-0.317655	0.041013	39273050	39273550	39277671	39277992
376 NA18972	[2515685 chr9	9	39587311	39588551	1241	6	-0.424198	0.066984	39587155	39587467	39588377	39588721
377 NA18972	[2515685 chr9	9	39814186	39815652	1467	2	-0.682859	0.115993	39814035	39814337	39814733	39816572
378 NA18972	[2515685 chr9	9	39898076	40011174	113099	119	0.308816	0.015039	39897666	39898487	40011032	40011311
379 NA18972	[2515685 chr9	9	40491521	40561572	70052	140	0.317747	0.013886	40491324	40491719	40561162	40561982
380 NA18972	[2515685 chr9	9	40609092	40611368	2277	7	-0.410083	0.062001	40608659	40609526	40611239	40611491
381 NA18972	[2515685 chr9	9	41125241	41125745	505	2	0.646911	0.115992	41125099	41125384	41125737	41125752
382 NA18972	[2515685 chr9	9	41505659	41568017	62359	124	0.289451	0.01475	41505565	41505754	41567867	41568161
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384 NA18972	[2515685 chr9	9	42153689	42216052	62364	128	0.284472	0.014517	42153539	42153840	42215957	42216142
385 NA18972	[2515685 chr9	9	42283396	42304221	20826	37	-0.251922	0.026968	42282425	42284368	42303995	42304441
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387 NA18972	[2515685 chr9	9	42669198	42670938	1741	2	-0.719674	0.115992	42668921	42669475	42670652	42671222
388 NA18972	[2515685 chr9	9	42754727	42756705	1979	3	-0.767566	0.094707	42754385	42755070	42755767	42757624
389 NA18972	[2515685 chr9	9	42789875	42791615	1741	2	-0.719674	0.115992	42789598	42790152	42791329	42791902
390 NA18972	[2515685 chr9	9	42875403	42877381	1979	3	-0.767566	0.094707	42875061	42875746	42876443	42878321
391 NA18972	[2515685 chr9	9	43059964	43066832	6869	15	-0.494563	0.042605	43059908	43060020	43066646	43067011
392 NA18972	[2515685 chr9	9	43441908	43447734	5827	19	-0.259931	0.037633	43441841	43441976	43446759	43448701
393 NA18972	[2515685 chr9	9	43502327	43506355	4029	15	-0.30431	0.042354	43501352	43503302	43506327	43506382
394 NA18972	[2515685 chr9	9	43520825	43523159	2335	7	-0.431803	0.062001	43520677	43520974	43522933	43523381
395 NA18972	[2515685 chr9	9	43714906	43721070	6165	12	-0.573382	0.047899	43714582	43715231	43720801	43721331
396 NA18972	[2515685 chr9	9	43742208	43749082	6875	13	-0.392237	0.045496	43741882	43742535	43748824	43749342
397 NA18972	[2515685 chr9	9	43937179	43939315	2137	7	-0.357344	0.062001	43936836	43937522	43938831	43939801
398 NA18972	[2515685 chr9	9	44389967	44403202	13236	8	0.396266	0.057996	44389400	44390534	44402892	44403512
399 NA18972	[2515685 chr9	9	45441271	45456401	15131	13	0.252148	0.045496	45440324	45442218	45455127	45457671
400 NA18972	[2515685 chr9	9	65937679	65938183	505	2	0.646914	0.115993	65937537	65937822	65938175	65938192
401 NA18972	[2515685 chr9	9	66047053	66052737	5685	12	-0.314953	0.047354	66046766	66047340	66052707	66052762
402 NA18972	[2515685 chr9	9	67373952	67378839	4888	5	-0.461286	0.073361	67367248	67376336	67378627	67379052
403 NA18972	[2515685 chr9	9	89405187	89407924	2738	2	-0.898411	0.11658	89404572	89405803	89407164	89408681
404 NA18972	[2515685 chr9	9	89413068	89427890	14823	10	0.374848	0.052421	89412804	89413332	89425506	89433141
405 NA18972	[2515685 chr9	9	112902065	112931264	29200	36	0.323636	0.02734	112901557	112902574	112930907	11293162
406 NA18972	[2515685 chr9	9	120734655	120737898	3244	4	0.507035	0.082019	120734282	120735029	120737104	12073869
407 NA18972	[2515685 chr9	9	131289414	131296416	7003	3	-0.910057	0.094706	131287281	131291547	131295316	13129751
408 NA18972	[2515685 chr9	9	133482481	133485619	3139	4	-0.496964	0.082406	133482128	133482834	133485272	13348596
409 NA18972	[2515685 chr9	9	135438397	135444067	5671	2	4.148635	0.206353	135383632	135440781	135443016	13544511
410 NA18972	[2515685 chr9	9	137520450	137523723	3274	5	-0.415425	0.07336	137520154	137520746	137523251	13752419
411 NA18972	[2515685 chr10	10	3153885	3156214	2330	3	-0.481729	0.094707	3153427	3154343	3155871	3156558
412 NA18972	[2515685 chr10	10	6693908	6705054	11147	9	0.785439	0.055935	6692231	6695585	6704634	6705472
413 NA18972	[2515685 chr10	10	19788068	19790461	2394	3	-0.510836	0.094709	19787726	19788411	19789952	19790971
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417 NA18972	[2515685 chr10	10	46248539	47173707	925169	1295	-0.350484	0.004562	46248304	46248775	47173507	47173902
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421 NA18972	[2515685 chr10	10	47938225	47944684	6460	10	-0.287077	0.051873	47937855	47938596	47944395	47944972
422 NA18972	[2515685 chr10	10	48579313	48870392	291080	283	-0.310756	0.009757	48579062	48579564	48870221	48870562

423 NA18972	[2515685 chr10	10	51157894	51161093	3200	5	-0.593557	0.073939	51157629	51158160	51160825	5116136:
424 NA18972	[2515685 chr10	10	52027598	52029824	2227	2	0.616885	0.115993	52026915	52028281	52029254	5203039!
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426 NA18972	[2515685 chr10	10	56117212	56139275	22064	20	-1.000113	0.037333	56115764	56118661	56138931	5613961!
427 NA18972	[2515685 chr10	10	58568842	58607072	38231	29	-3.49018	0.055926	58563614	58571616	58606922	5860722:
428 NA18972	[2515685 chr10	10	66977355	66985193	7839	8	-0.81666	0.060776	66976803	66977908	66984894	6698549:
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430 NA18972	[2515685 chr10	10	88861693	88967024	105332	115	-0.283937	0.015312	88859433	88863954	88966757	8896729:
431 NA18972	[2515685 chr10	10	90930310	90940410	10101	9	-0.85507	0.05668	90929856	90930765	90937636	9094740:
432 NA18972	[2515685 chr10	10	124247849	124252558	47110	5	-0.429748	0.07336	124247230	124248469	124252088	12425302:
433 NA18972	[2515685 chr10	10	124336365	124341749	5385	6	0.563426	0.067292	124335581	124337149	124341238	12434226:
434 NA18972	[2515685 chr10	10	124348266	124366738	18473	24	-0.428929	0.033484	124348238	124348295	124366300	12436717:
435 NA18972	[2515685 chr10	10	127562224	127578663	16440	17	-0.331395	0.039786	127561783	127562666	127578267	12757905:
436 NA18972	[2515685 chr10	10	134168766	134170259	1494	17	-0.28499	0.039785	134168524	134169008	134170097	13417042:
437 NA18972	[2515685 chr10	10	135367159	135389814	22656	19	-0.621132	0.037636	135366656	135367663	135387500	13539212:
438 NA18972	[2515685 chr11	11	2840307	2842410	2104	3	-1.21433	0.112117	2839959	2840656	2841856	284296!
439 NA18972	[2515685 chr11	11	4282400	4286328	3929	2	0.6682	0.115994	4282132	4282669	4283203	429286:
440 NA18972	[2515685 chr11	11	5717038	5722070	5033	3	2.871565	0.155611	5716660	5717416	5718945	572548:
441 NA18972	[2515685 chr11	11	5741269	5765993	24725	33	2.347768	0.045504	5741059	5741480	5765632	576635:
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444 NA18972	[2515685 chr11	11	11831868	11833089	1222	2	1.136138	0.132459	11831412	11832324	11832853	1183332!
445 NA18972	[2515685 chr11	11	18903408	18923064	19657	28	0.822947	0.032068	18897800	18906533	18919939	1892845:
446 NA18972	[2515685 chr11	11	28965605	28968821	3217	4	4.322147	0.172774	28965284	28965927	28967972	2896967!
447 NA18972	[2515685 chr11	11	34869406	34886184	16779	9	0.288773	0.055055	34868743	34870070	34885503	3488686!
448 NA18972	[2515685 chr11	11	48284073	48284771	699	2	0.892934	0.116254	48283862	48284285	48284572	4828497!
449 NA18972	[2515685 chr11	11	49038960	49051212	12253	28	-0.273068	0.032106	49038687	49039234	49050687	4905173!
450 NA18972	[2515685 chr11	11	49072856	49075457	2602	5	0.505092	0.07336	49072572	49073140	49075265	4907565!
451 NA18972	[2515685 chr11	11	49665830	49715873	50044	36	0.561695	0.028034	49665251	49666410	49712748	4972198:
452 NA18972	[2515685 chr11	11	55432391	55434453	2063	2	-0.66849	0.117229	55431954	55432829	55433918	5543498:
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454 NA18972	[2515685 chr11	11	60771505	60777477	5973	8	0.530957	0.019395	60771230	60771781	60776810	6077814:
455 NA18972	[2515685 chr11	11	71217505	71227315	9811	13	-0.333585	0.045496	71215645	71219365	71226862	7122776:
456 NA18972	[2515685 chr11	11	73810062	73818580	8519	7	-0.330745	0.062058	73809699	73810426	73818213	7381894:
457 NA18972	[2515685 chr11	11	88266938	88303948	37011	38	0.331183	0.027087	88266424	88267453	88303762	8830413!
458 NA18972	[2515685 chr11	11	89135297	89140411	5115	6	-0.589733	0.0733	89134626	89135969	89140087	8914073!
459 NA18972	[2515685 chr11	11	89142582	89146818	4237	8	-0.526083	0.057996	89142334	89142831	89146370	8914726!
460 NA18972	[2515685 chr11	11	89249181	89256468	7288	14	-0.307757	0.043992	89248682	89249680	89256349	8925658:
461 NA18972	[2515685 chr11	11	89284287	89291838	7552	16	-0.314859	0.025036	89283986	89284589	89291246	8929243:
462 NA18972	[2515685 chr11	11	89298262	89305814	7553	17	-0.314859	0.025036	89297670	89298855	89305513	8930611!
463 NA18972	[2515685 chr11	11	89334170	89336330	2161	4	-0.466568	0.082019	89333817	89334523	89336193	8933646:
464 NA18972	[2515685 chr11	11	89438807	89450293	11487	16	-0.412005	0.042442	89438380	89439235	89449639	8945094:
465 NA18972	[2515685 chr11	11	106741436	106751096	9661	10	-0.646901	0.054031	106733574	106744561	106747971	10675483:
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467 NA18972	[2515685 chr11	11	134107699	134110673	2975	3	1.055501	0.094923	134106591	134108808	134109982	13411136:
468 NA18972	[2515685 chr12	12	398598	404873	6276	14	-0.506582	0.043841	398035	399161	401600	408146:
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473 NA18972	[2515685 chr12	12	8424603	8443687	19085	34	-0.322927	0.028132	8424249	8424958	8442906	844446:
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475 NA18972	[2515685 chr12	12	9527659	9624971	97313	104	0.844835	0.017598	9526872	9528447	9623223	962672:
476 NA18972	[2515685 chr12	12	9646904	9649697	2794	3	0.623739	0.094708	9646692	9647116	9649433	964996:
477 NA18972	[2515685 chr12	12	10472497	10487392	14896	13	-0.488229	0.049143	10472016	10472979	10486385	1048840:

478 NA18972	[2515685 chr12	12	11399927	11445011	45085	43	0.323692	0.025075	11399675	11400179	11444762	11445260
479 NA18972	[2515685 chr12	12	30128711	30133561	4851	3	-4.458224	0.196028	30128382	30129041	30132177	30134941
480 NA18972	[2515685 chr12	12	30299198	30300075	878	2	-0.665921	0.115992	30298960	30299436	30299822	30300321
481 NA18972	[2515685 chr12	12	31156172	31245603	89432	84	0.486616	0.018366	31155571	31156773	31245343	31245861
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483 NA18972	[2515685 chr12	12	36209410	36224658	15249	15	-0.306434	0.042354	36200442	36212944	36224561	36224751
484 NA18972	[2515685 chr12	12	69156878	69167930	11053	11	0.844049	0.050449	69138649	69160412	69164396	69215011
485 NA18972	[2515685 chr12	12	78656134	78665261	9128	9	-0.458081	0.054721	78654687	78657582	78664736	78665781
486 NA18972	[2515685 chr12	12	129395501	129397499	1999	14	-0.385104	0.043841	129395008	129395994	129397172	12939782
487 NA18972	[2515685 chr12	12	130536356	130538845	2490	4	-0.4143	0.082019	130536129	130536583	130538645	13053904
488 NA18972	[2515685 chr12	12	130723571	130725298	1728	3	-0.50676	0.09494	130723200	130723942	130724868	13072572
489 NA18972	[2515685 chr12	12	130777013	130778340	1328	2	-0.846726	0.115992	130776667	130777359	130778020	13077866
490 NA18972	[2515685 chr12	12	130798727	130802870	4144	5	-0.97456	0.073705	130798268	130799187	130801345	13080439
491 NA18972	[2515685 chr12	12	132220467	132227014	6548	6	0.370465	0.068064	132219825	132221109	132226374	13222765
492 NA18972	[2515685 chr13	13	18216440	18283441	67002	28	-0.326237	0.031	18215850	18217031	18282592	18284291
493 NA18972	[2515685 chr13	13	25947233	25950398	3166	3	3.258217	0.158595	25946194	25948272	25949415	2595138
494 NA18972	[2515685 chr13	13	31430484	31437209	6726	7	-0.74323	0.064301	31430130	31430838	31436488	31437931
495 NA18972	[2515685 chr13	13	33029522	33043421	13900	9	0.909085	0.056832	33000262	33034253	33042925	33043911
496 NA18972	[2515685 chr13	13	33862844	33865211	2368	2	0.681839	0.116773	33862283	33863405	33864905	33865511
497 NA18972	[2515685 chr13	13	56611711	56645734	34024	47	0.544651	0.023927	56610946	56612477	56645321	5664614
498 NA18972	[2515685 chr13	13	62769455	62770722	1268	2	-0.614093	0.117507	62769207	62769703	62770093	62771351
499 NA18972	[2515685 chr13	13	69633905	69673289	39385	41	0.866837	0.026403	69633412	69634399	69672985	69673591
500 NA18972	[2515685 chr13	13	110502383	110503129	747	3	-1.233168	0.101445	110502225	110502541	110502890	11050336
501 NA18972	[2515685 chr13	13	113079647	113086869	7223	3	0.736521	0.099301	113078890	113080404	113082138	11309434
502 NA18972	[2515685 chr14	14	18435964	19494842	1058879	1599	-0.498124	0.004112	18435807	18436121	19494444	19495241
503 NA18972	[2515685 chr14	14	42059344	42062997	3654	2	0.596704	0.116762	42056485	42062203	42062601	42063391
504 NA18972	[2515685 chr14	14	73063409	73072875	9467	8	0.388094	0.058166	73061866	73064953	73072485	73073261
505 NA18972	[2515685 chr14	14	73075916	73082530	6615	8	0.642913	0.027391	73075495	73076337	73082278	73082781
506 NA18972	[2515685 chr14	14	73089743	73119729	29987	25	0.642913	0.027391	73089439	73090048	73118276	73121181
507 NA18972	[2515685 chr14	14	77194461	77196644	2184	2	0.818683	0.115992	77194213	77194710	77196380	77196901
508 NA18972	[2515685 chr15	15	18468372	20198094	1729723	1876	-0.267315	0.0038	18467866	18468879	20197782	20198401
509 NA18972	[2515685 chr15	15	20865501	20867668	2168	4	-0.532616	0.082019	20865204	20865798	20867431	20867901
510 NA18972	[2515685 chr15	15	20922696	20924090	1395	3	-0.72714	0.094707	20922607	20922785	20923787	20924391
511 NA18972	[2515685 chr15	15	21009554	21065489	55936	57	-0.309558	0.021727	21006900	21011890	21065210	21065761
512 NA18972	[2515685 chr15	15	21605983	21614634	8652	7	0.763868	0.070352	21605507	21606459	21612298	21636691
513 NA18972	[2515685 chr15	15	24986053	24992250	6198	7	0.840218	0.063074	24985426	24986680	24991680	24992821
514 NA18972	[2515685 chr15	15	26135294	26137335	2042	4	-0.545519	0.08202	26134997	26135591	26137216	26137451
515 NA18972	[2515685 chr15	15	26636310	26644325	8016	22	-0.353152	0.034973	26636090	26636531	26644113	26644531
516 NA18972	[2515685 chr15	15	26679206	26681010	1805	5	-0.405273	0.07336	26678984	26679429	26680811	26681211
517 NA18972	[2515685 chr15	15	26695549	26697710	2162	4	-0.547766	0.082019	26695312	26695786	26697414	26698001
518 NA18972	[2515685 chr15	15	28698697	28877402	178706	173	-0.438066	0.012566	28697412	28699983	28876966	28877831
519 NA18972	[2515685 chr15	15	29545985	29552829	6845	2	-0.727652	0.115993	29545164	29546806	29552488	29553171
520 NA18972	[2515685 chr15	15	29704000	29807410	103411	86	-0.285618	0.017779	29703681	29704319	29806876	29807941
521 NA18972	[2515685 chr15	15	30296241	30304807	8567	5	0.540322	0.073563	30295664	30296819	30302471	30308721
522 NA18972	[2515685 chr15	15	32469460	32508118	38659	42	0.293529	0.02546	32469063	32469858	32506908	32509321
523 NA18972	[2515685 chr15	15	32515477	32592621	77145	62	0.689799	0.021479	32514954	32516000	32592260	32592981
524 NA18972	[2515685 chr15	15	32594011	32598425	4415	3	0.519015	0.094708	32593777	32594245	32597169	32599681
525 NA18972	[2515685 chr15	15	32615681	32653413	37733	42	0.294182	0.025312	32615284	32616079	32653144	32653681
526 NA18972	[2515685 chr15	15	43106834	43111174	4341	5	0.517429	0.073555	43106498	43107171	43111071	43111127
527 NA18972	[2515685 chr15	15	59490762	59495993	5232	2	-0.839362	0.115991	59490146	59491378	59491114	59497871
528 NA18972	[2515685 chr15	15	74671388	74682854	11467	9	0.876144	0.056766	74671122	74671654	74680518	74689511
529 NA18972	[2515685 chr15	15	75117585	75119946	2362	4	-2.881875	0.133204	75117343	75117827	75119741	75120151
530 NA18972	[2515685 chr15	15	100090726	100098386	7661	3	0.504421	0.094707	100090390	100091062	100096050	10010235
531 NA18972	[2515685 chr15	15	100109640	100122682	13043	98	0.968883	0.016589	100108905	100110376	100122315	10012305
532 NA18972	[2515685 chr15	15	100274594	100304607	30014	12	0.416333	0.047354	100269190	100276930	100302843	10030637



533 NA18972	[2515685 chr16	16	946002	948831	2830	2	-1.129443	0.118283	945660	946345	947314	950345
534 NA18972	[2515685 chr16	16	2120855	2126876	6022	6	-0.3871	0.066968	2118476	2122769	2125012	2128747
535 NA18972	[2515685 chr16	16	5047065	5050307	3243	3	-0.912965	0.100136	5046136	5047994	5049954	5050660
536 NA18972	[2515685 chr16	16	5287117	5290665	3549	2	-0.914331	0.162625	5286149	5288085	5288751	5293272
537 NA18972	[2515685 chr16	16	14696077	14709851	13775	11	0.42135	0.049459	14695838	14696316	14709124	14710571
538 NA18972	[2515685 chr16	16	14735195	14748973	13779	11	0.42135	0.049459	14734956	14735434	14748246	14749701
539 NA18972	[2515685 chr16	16	14896194	14916960	20767	49	-0.286311	0.023434	14896075	14896314	14915993	14917921
540 NA18972	[2515685 chr16	16	14955818	15031089	75272	69	-0.574178	0.01992	14955356	14956281	15030750	15031421
541 NA18972	[2515685 chr16	16	15154075	15158023	3949	7	-0.393681	0.062001	15153850	15154301	15158005	15158047
542 NA18972	[2515685 chr16	16	15233427	15235940	2514	3	0.513491	0.095001	15233376	15233478	15235643	15236231
543 NA18972	[2515685 chr16	16	16295631	16315613	19983	43	-0.281543	0.025016	16295446	16295816	16314647	16316571
544 NA18972	[2515685 chr16	16	16470058	16471374	1317	2	-0.739673	0.120262	16469461	16470656	16471174	16471571
545 NA18972	[2515685 chr16	16	16633469	16639120	5652	4	0.602771	0.082174	16632502	16634437	16638386	16639857
546 NA18972	[2515685 chr16	16	18399248	18419219	19972	43	-0.281537	0.025016	18398282	18400214	18419034	18419407
547 NA18972	[2515685 chr16	16	21321436	21323686	2251	13	0.335493	0.045496	21321333	21321540	21323533	21323831
548 NA18972	[2515685 chr16	16	21432701	21502620	69920	63	0.280953	0.020667	21432349	21433054	21501101	21504141
549 NA18972	[2515685 chr16	16	21658380	21716943	58564	51	0.2534	0.02319	21658168	21658592	21716666	21717227
550 NA18972	[2515685 chr16	16	21753870	21756137	2268	15	0.340631	0.042355	21753767	21753974	21755984	21756291
551 NA18972	[2515685 chr16	16	22452875	22454874	2000	13	0.340025	0.045496	22452722	22453028	22454771	22454971
552 NA18972	[2515685 chr16	16	22487031	22618743	131713	118	0.341759	0.015106	22486658	22487404	22617181	22620301
553 NA18972	[2515685 chr16	16	29300574	29302684	2111	11	0.33344	0.049459	29300408	29300741	29302391	29302971
554 NA18972	[2515685 chr16	16	29402841	29404254	1414	9	0.332705	0.054679	29402738	29402945	29404073	29404431
555 NA18972	[2515685 chr16	16	29530132	29534613	4482	7	0.497947	0.062001	29529861	29530403	29534196	29535037
556 NA18972	[2515685 chr16	16	30101364	30102578	1215	2	-0.995828	0.118817	30101045	30101684	30102223	30102937
557 NA18972	[2515685 chr16	16	30142181	30144224	2044	14	0.336939	0.043841	30142078	30142285	30144043	30144401
558 NA18972	[2515685 chr16	16	32073573	32075147	1575	4	-0.510521	0.082019	32073268	32073879	32074517	32075771
559 NA18972	[2515685 chr16	16	32106365	32107552	1188	4	-0.414727	0.082019	32106136	32106595	32107036	32108061
560 NA18972	[2515685 chr16	16	32151951	32197170	45220	107	-0.361864	0.015958	32151724	32152178	32196926	32197417
561 NA18972	[2515685 chr16	16	32213712	32219640	5929	11	0.292533	0.049459	32213463	32213961	32219531	32219747
562 NA18972	[2515685 chr16	16	32565127	32615155	50029	128	-0.377561	0.014576	32563508	32566747	32614961	32615351
563 NA18972	[2515685 chr16	16	32659504	32660703	1200	5	-0.379414	0.07336	32659001	32660007	32660474	32660937
564 NA18972	[2515685 chr16	16	32690003	32691563	1561	4	-0.510523	0.082019	32689373	32690634	32691272	32691851
565 NA18972	[2515685 chr16	16	33016481	33018043	1563	4	-0.510521	0.082019	33016187	33016775	33017413	33018677
566 NA18972	[2515685 chr16	16	33047346	33048548	1203	5	-0.379413	0.07336	33047117	33047575	33048045	33049057
567 NA18972	[2515685 chr16	16	33092915	33204066	111152	252	-0.371012	0.010385	33092688	33093142	33203888	33204247
568 NA18972	[2515685 chr16	16	34321792	34606125	284334	322	-0.587366	0.009256	34317185	34323706	34605058	34607197
569 NA18972	[2515685 chr16	16	54353377	54380125	26749	29	-0.557105	0.031406	54353335	54353419	54379862	54380381
570 NA18972	[2515685 chr16	16	57204541	57207585	3045	3	5.150148	0.209405	57204170	57204913	57206938	57208237
571 NA18972	[2515685 chr16	16	57404028	57405423	1396	2	-0.677568	0.115992	57403711	57404346	57405139	57405707
572 NA18972	[2515685 chr16	16	68533980	68564761	30782	48	-0.256078	0.023677	68533527	68534434	68563823	68565701
573 NA18972	[2515685 chr16	16	68602449	68666721	64273	59	-0.334656	0.011088	68602144	68602755	68666385	68667051
574 NA18972	[2515685 chr16	16	68702274	68791353	89080	122	-0.334656	0.011088	68701593	68702955	68789873	68792837
575 NA18972	[2515685 chr16	16	72920370	73020378	100009	151	-0.263901	0.013351	72919818	72920922	73020260	73020497
576 NA18972	[2515685 chr16	16	76928915	76942282	13368	11	0.65206	0.050505	76928609	76929221	76941602	76942967
577 NA18972	[2515685 chr16	16	84562720	84565235	2516	11	0.555764	0.04946	84561685	84563756	84565142	84565321
578 NA18972	[2515685 chr16	16	86669849	86672660	2812	2	-0.780527	0.115992	86669288	86670411	86671217	86674107
579 NA18972	[2515685 chr16	16	87996746	87999199	2454	3	-0.479169	0.094707	87996062	87997431	87998799	87999601
580 NA18972	[2515685 chr17	17	966845	969578	2734	21	0.351449	0.035796	966537	967154	969378	969775
581 NA18972	[2515685 chr17	17	13561692	13563867	2176	2	-0.609557	0.115992	13560483	13562902	13563387	13564341
582 NA18972	[2515685 chr17	17	16657833	16665630	7798	12	-0.671701	0.048167	16657486	16658180	16665353	16665901
583 NA18972	[2515685 chr17	17	18299050	18331739	32690	39	0.451105	0.026277	18298294	18299807	18331509	18331971
584 NA18972	[2515685 chr17	17	18331739	18332345	607	2	-1.141127	0.117757	18331509	18331970	18331978	18332717
585 NA18972	[2515685 chr17	17	18944963	18953131	8169	11	0.482879	0.049459	18944775	18945151	18952429	18953837
586 NA18972	[2515685 chr17	17	19026058	19040012	13955	18	0.401929	0.038664	19025712	19026404	19039666	19040351
587 NA18972	[2515685 chr17	17	19070936	19079161	8226	11	0.482878	0.049459	19070686	19071187	19078459	19079867

588 NA18972	[2515685 chr17	17	19444484	19450327	5844	6	-0.368018	0.066968	19443277	19445692	19449766	1945088!
589 NA18972	[2515685 chr17	17	20299935	20300531	597	2	-1.141128	0.117757	20299568	20300303	20300311	2030075
590 NA18972	[2515685 chr17	17	20300531	20330997	30467	36	0.410984	0.02734	20300311	20300751	20329940	2033205!
591 NA18972	[2515685 chr17	17	20397281	20397953	673	2	-0.65689	0.115992	20397031	20397532	20397726	2039818!
592 NA18972	[2515685 chr17	17	21714678	21723448	8771	8	-0.298836	0.057996	21681992	21716938	21723176	2172372!
593 NA18972	[2515685 chr17	17	21942186	21955530	13345	22	-0.322144	0.034973	21941754	21942618	21955191	2195586!
594 NA18972	[2515685 chr17	17	31429456	31508214	78759	89	0.524263	0.008658	31429255	31429658	31507959	3150847!
595 NA18972	[2515685 chr17	17	31529693	31578624	48932	65	0.524263	0.008658	31529243	31530143	31578609	3157864!
596 NA18972	[2515685 chr17	17	31617737	31680187	62451	73	0.524263	0.008658	31617287	31618187	31680172	3168020!
597 NA18972	[2515685 chr17	17	31832940	31838190	5251	11	0.366712	0.028998	31832684	31833196	31837915	3183846!
598 NA18972	[2515685 chr17	17	31841228	31865925	24698	14	0.366712	0.028998	31840838	31841619	31865807	3186604!
599 NA18972	[2515685 chr17	17	31883801	31889223	5423	10	0.477476	0.051873	31883351	31884251	31888786	3188966
600 NA18972	[2515685 chr17	17	32829500	32835174	5675	6	0.866699	0.069305	32828825	32830175	32833793	3283655!
601 NA18972	[2515685 chr17	17	32852219	32855919	3701	2	-0.584844	0.115993	32851118	32853321	32854337	3285750!
602 NA18972	[2515685 chr17	17	33308015	33311261	3247	2	0.626644	0.115992	33307576	33308455	33310958	3331156!
603 NA18972	[2515685 chr17	17	33324385	33348268	23884	14	0.370363	0.028132	33323841	33324930	33347873	3334866!
604 NA18972	[2515685 chr17	17	33351216	33356742	5527	13	0.370363	0.028132	33351036	33351397	33356307	3335717!
605 NA18972	[2515685 chr17	17	33395919	33408561	12643	10	-1.038299	0.054896	33395884	33395955	33408077	3340904!
606 NA18972	[2515685 chr17	17	33423761	33430851	7091	11	-1.450802	0.052844	33422990	33424532	33428591	3352929!
607 NA18972	[2515685 chr17	17	33553833	33559378	5546	12	0.374542	0.028998	33553386	33554280	33559198	3355955!
608 NA18972	[2515685 chr17	17	33562321	33586158	23838	13	0.374542	0.028998	33561930	33562713	33586040	3358627!
609 NA18972	[2515685 chr17	17	33603180	33659558	56379	76	-0.78772	0.019129	33602409	33603951	33658997	3366011!
610 NA18972	[2515685 chr17	17	36675530	36684103	8574	9	-0.915362	0.056164	36675011	36676049	36683560	3668464!
611 NA18972	[2515685 chr17	17	41758618	41766457	7840	15	0.262468	0.042355	41758147	41759090	41766006	4176690!
612 NA18972	[2515685 chr17	17	42905976	42912650	6675	3	1.029402	0.116947	42905585	42906368	42911014	4291428!
613 NA18972	[2515685 chr17	17	42951389	42952568	1180	2	0.784466	0.117125	42951158	42951620	42952130	4295300!
614 NA18972	[2515685 chr17	17	42970703	43026670	55968	86	-0.64491	0.017916	42970185	42971221	43025568	4302777!
615 NA18972	[2515685 chr17	17	48390657	48424627	33971	29	-0.942629	0.03203	48390330	48390985	48424439	4842481!
616 NA18972	[2515685 chr17	17	54718891	54720406	1516	2	-0.901659	0.118763	54718493	54719289	54719841	5472097!
617 NA18972	[2515685 chr17	17	55383504	55385003	1500	2	0.616971	0.119263	55383216	55383792	55384708	5538529!
618 NA18972	[2515685 chr17	17	55434888	55446753	11866	21	-0.263464	0.035857	55434445	55435332	55446488	5544701!
619 NA18972	[2515685 chr17	17	55452232	55454279	2048	3	-0.476847	0.094708	55451888	55452577	55454017	5545454!
620 NA18972	[2515685 chr17	17	55555949	55560512	4564	3	-0.476847	0.094708	55555086	55556813	55558252	5559167!
621 NA18972	[2515685 chr17	17	55806192	55811256	5065	2	-1.132399	0.1214	55687363	55808452	55808996	5582897!
622 NA18972	[2515685 chr17	17	75701724	75705577	3854	3	0.516938	0.09619	75701401	75702047	75704739	7570641!
623 NA18972	[2515685 chr18	18	306276	307859	1584	2	0.609476	0.116787	305966	306586	307330	308385
624 NA18972	[2515685 chr18	18	3977408	3980417	3010	3	0.602517	0.103177	3977018	3977799	3979612	3981223
625 NA18972	[2515685 chr18	18	9733534	9744702	11169	11	-0.894485	0.05054	9733017	9734051	9744118	974528!
626 NA18972	[2515685 chr18	18	9805250	9806206	957	2	-1.061462	0.117483	9804637	9805863	9806038	980637!
627 NA18972	[2515685 chr18	18	14244200	14326118	81919	27	-0.367266	0.031569	14243872	14244529	14325709	1432652!
628 NA18972	[2515685 chr18	18	14541780	14558267	16488	22	-0.37594	0.034973	14540900	14542661	14558066	1455846!
629 NA18972	[2515685 chr18	18	15359177	15362100	2924	2	0.648925	0.115993	15356606	15361749	15361749	1536245!
630 NA18972	[2515685 chr18	18	28142218	28143399	1182	2	0.74529	0.122038	28141854	28142583	28143055	2814374!
631 NA18972	[2515685 chr18	18	36514289	36521090	6802	6	-1.04015	0.069492	36513759	36514820	36520512	3652166!
632 NA18972	[2515685 chr18	18	42791895	42815428	23534	23	-0.537051	0.034204	42749992	42796523	42810800	4288915!
633 NA18972	[2515685 chr18	18	61874791	61883105	8315	9	-1.044654	0.056564	61874483	61875100	61882738	6188347!
634 NA18972	[2515685 chr18	18	61917747	61920171	2425	4	3.39138	0.151893	61917522	61917973	61919646	6192069!
635 NA18972	[2515685 chr18	18	63110008	63117706	7699	9	-0.913826	0.056986	63109644	63110373	63116010	6311940!
636 NA18972	[2515685 chr18	18	64896052	64907736	11685	13	-0.852078	0.046693	64894789	64897315	64907228	6490824!
637 NA18972	[2515685 chr18	18	74229522	74234275	4754	32	-0.286857	0.028998	74229210	74229835	74234139	7423441!
638 NA18972	[2515685 chr18	18	74297715	74299391	1677	5	0.659481	0.07336	74297243	74298187	74299167	7429961!
639 NA18972	[2515685 chr18	18	74373005	74380900	7896	11	0.266937	0.049459	74372064	74373947	74380208	7438159!
640 NA18972	[2515685 chr18	18	74392800	74397377	4578	3	1.024019	0.100986	74390826	74394774	74396965	7439779!
641 NA18972	[2515685 chr19	19	35104	68112	33009	16	0.397433	0.04101	34925	35284	65522	73262
642 NA18972	[2515685 chr19	19	310414	312953	2540	14	-0.629753	0.043841	309687	311142	312913	312994

643 NA18972	[2515685 chr19	19	8708780	8760468	51689	89	-0.34608 0.017388	8708296	8709264	8760209	8760727
644 NA18972	[2515685 chr19	19	20388989	20510144	121156	67	-0.461244 0.020891	20388802	20389176	20509558	2051073
645 NA18972	[2515685 chr19	19	23007841	23014812	6972	7	0.805806 0.064248	22990964	23010431	23014157	23015461
646 NA18972	[2515685 chr19	19	23108259	23109446	1188	2	-1.073217 0.13028	23107903	23108615	23108879	2311001
647 NA18972	[2515685 chr19	19	24147818	24149281	1464	5	0.375864 0.074156	24147801	24147835	24149267	24149291
648 NA18972	[2515685 chr19	19	24152586	24154351	1766	17	-0.353046 0.039785	24152557	24152616	24153348	24155351
649 NA18972	[2515685 chr19	19	40540866	40554347	13482	15	-0.524098 0.042585	40540646	40541086	40554020	40554671
650 NA18972	[2515685 chr19	19	41450124	41493675	43552	28	0.479646 0.031	41421528	41452714	41491085	41497851
651 NA18972	[2515685 chr19	19	41532761	41540854	8094	2	0.692566 0.115993	41532090	41533433	41538691	41543017
652 NA18972	[2515685 chr19	19	42450410	42486383	35974	32	0.45583 0.028998	42413600	42453000	42486279	42486487
653 NA18972	[2515685 chr19	19	42534682	42540410	5729	2	-0.61563 0.115993	42530910	42537272	42537820	42544717
654 NA18972	[2515685 chr19	19	43974456	43977294	2839	2	-0.597307 0.11667	43973697	43975216	43975620	43978961
655 NA18972	[2515685 chr19	19	46040790	46083728	42939	60	-0.387218 0.021466	46040628	46040952	46083383	46084077
656 NA18972	[2515685 chr19	19	53098959	53154327	55369	103	-0.393643 0.016165	53098941	53098977	53152350	53156301
657 NA18972	[2515685 chr19	19	55285877	55336157	50281	104	-0.37422 0.016085	55285730	55286025	55335244	55337071
658 NA18972	[2515685 chr19	19	56788987	56795867	6881	7	0.338473 0.062465	56788678	56789297	56795672	56796061
659 NA18972	[2515685 chr19	19	56824422	56827216	2795	5	-0.974775 0.076053	56824136	56824709	56826331	56828107
660 NA18972	[2515685 chr19	19	56827216	56836311	9096	7	-4.826337 0.135302	56826331	56828101	56834905	56837711
661 NA18972	[2515685 chr19	19	56836311	56841964	5654	9	-1.252548 0.062304	56834905	56837718	56841608	56842327
662 NA18972	[2515685 chr19	19	58209430	58245460	36031	28	-0.785436 0.031318	58208997	58209863	58245024	58245891
663 NA18972	[2515685 chr19	19	59247755	59252061	4307	5	0.763752 0.074727	59246427	59249084	59251854	59252261
664 NA18972	[2515685 chr19	19	60958920	60976029	17110	15	-0.257065 0.042354	60957933	60959907	60975748	60976311
665 NA18972	[2515685 chr20	20	15249645	15251805	2161	2	-0.939549 0.11668	15249381	15249909	15251287	15252327
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672 NA18972	[2515685 chr21	21	14143702	14203404	59703	25	-0.302728 0.032808	14142926	14144478	14202465	14204347
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676 NA18972	[2515685 chr22	22	17031183	18447368	1416186	778	-0.283844 0.002716	17030887	17031480	18446980	18447751
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680 NA18972	[2515685 chr22	22	22600453	22673602	73150	119	-0.313024 0.013176	22598667	22602240	22673317	22673887
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108 NA18860	[2515685 chr2	2	228717927	228730812	12886	3	-0.708513	0.080723	228715615	228720239	228730139	228731481
109 NA18860	[2515685 chr2	2	242664580	242668683	4104	10	0.426241	0.039498	242664284	242664877	242668532	242668831
110 NA18860	[2515685 chr3	3	149944	154904	4961	7	-0.444628	0.058428	148712	151176	154511	1552971
111 NA18860	[2515685 chr3	3	204650	209394	4745	4	0.817509	0.075498	202918	206383	209009	2097751
112 NA18860	[2515685 chr3	3	1757211	1765709	8499	2	0.822532	0.117571	1756096	1758327	1762058	1797301
113 NA18860	[2515685 chr3	3	6192973	6215560	22588	16	-0.854874	0.038321	6191571	6194375	6215263	6215851
114 NA18860	[2515685 chr3	3	42350188	42351248	1061	2	0.567446	0.101606	42349839	42350537	42351007	42351491

115 NA18860	[2515685 chr3	3	46770617	46826525	55909	14	-0.72401	0.039793	46770172	46771063	46826330	46826272
116 NA18860	[2515685 chr3	3	47819453	47820469	1017	3	0.458182	0.079883	47819200	47819707	47820356	4782058;
117 NA18860	[2515685 chr3	3	68821474	68830847	9374	17	-2.411206	0.061007	68818894	68824055	68830417	6883127;
118 NA18860	[2515685 chr3	3	105760262	105762355	2094	2	-1.020507	0.123841	105759634	105760890	105761424	10576328
119 NA18860	[2515685 chr3	3	127155656	127158873	3218	5	-0.53187	0.066546	127155390	127155923	127158237	12715950
120 NA18860	[2515685 chr3	3	131204575	131207291	2717	5	0.34973	0.062348	131204147	131205003	131206953	13120762
121 NA18860	[2515685 chr3	3	141750174	141753455	3282	5	-0.723212	0.076318	141749720	141750628	141753182	14175372
122 NA18860	[2515685 chr3	3	163978078	163979650	1573	4	-0.355782	0.067213	163977866	163978291	163979488	16397981.
123 NA18860	[2515685 chr3	3	176561952	176567506	5555	5	-0.929262	0.070376	176560250	176563654	176565991	17656902
124 NA18860	[2515685 chr3	3	192547312	192554331	7020	10	0.887587	0.052054	192546950	192547674	192554127	19255453
125 NA18860	[2515685 chr3	3	194883325	194885627	2303	2	-0.569909	0.111018	194881986	194884665	194885401	19488585
126 NA18860	[2515685 chr3	3	196041653	196050096	8444	9	-0.931677	0.053877	196041317	196041990	196049206	19605098
127 NA18860	[2515685 chr3	3	196991681	197002965	11285	19	0.646811	0.035447	196991423	196991939	197002044	19700388
128 NA18860	[2515685 chr3	3	198422794	198427408	4615	2	1.039762	0.124285	198422381	198423207	198423959	19843085
129 NA18860	[2515685 chr3	3	198674426	198675470	1045	6	-1.426192	0.062439	198674161	198674692	198674903	19867603.
130 NA18860	[2515685 chr3	3	199313925	199321063	7139	15	1.202352	0.036199	199313515	199314336	199320844	19932128
131 NA18860	[2515685 chr4	4	3079	59751	56673	60	-0.254659	0.019034	5	6152	58184	61319
132 NA18860	[2515685 chr4	4	3714193	3715251	1059	2	1.063724	0.124909	3713862	3714524	3714881	3715627
133 NA18860	[2515685 chr4	4	6742001	6745059	3059	3	-0.772482	0.087744	6741348	6742655	6744125	6745994
134 NA18860	[2515685 chr4	4	8740317	8756949	16633	25	0.783307	0.025202	8740049	8740586	8756813	8757086
135 NA18860	[2515685 chr4	4	8998170	9046719	48550	87	0.985536	0.013461	8850774	9001243	9046129	9047305
136 NA18860	[2515685 chr4	4	9147328	9155912	8585	4	0.382728	0.069956	9147001	9147656	9152839	9161176
137 NA18860	[2515685 chr4	4	9299462	9308037	8576	6	-1.524983	0.083729	9295439	9302535	9306599	9309476
138 NA18860	[2515685 chr4	4	9506018	9508773	2756	2	0.444919	0.088936	9505058	9506979	9508507	9509093
139 NA18860	[2515685 chr4	4	9812346	9813108	763	33	2.315367	0.02535	9812284	9812408	9812952	9813265
140 NA18860	[2515685 chr4	4	9887220	9911397	24178	31	3.019861	0.051439	9886886	9887555	9910388	9912407
141 NA18860	[2515685 chr4	4	11342986	11347570	4585	6	-0.9372	0.067392	11342619	11343353	11346471	11348665
142 NA18860	[2515685 chr4	4	25178042	25182590	4549	5	-1.002411	0.067162	25177648	25178437	25182174	25183007
143 NA18860	[2515685 chr4	4	34174420	34180729	6310	10	-0.33429	0.048493	34174211	34174630	34180396	34181067
144 NA18860	[2515685 chr4	4	49080370	49080863	494	2	-0.86169	0.10498	49079937	49080803	49080804	49080927
145 NA18860	[2515685 chr4	4	49400316	49400601	286	3	-0.760928	0.085001	49400246	49400386	49400516	49400687
146 NA18860	[2515685 chr4	4	57977579	57979866	2288	2	-0.574621	0.094328	57977319	57977839	57979557	57980177
147 NA18860	[2515685 chr4	4	66475262	66478728	3467	4	-0.37034	0.073178	66474966	66475558	66478106	66479357
148 NA18860	[2515685 chr4	4	69202095	69319814	117720	71	1.172126	0.024654	69201955	69202236	69319569	69320057
149 NA18860	[2515685 chr4	4	69330953	69332978	2026	3	0.570785	0.070436	69330112	69331795	69332841	69333117
150 NA18860	[2515685 chr4	4	69683114	69685000	1887	3	0.570785	0.070436	69682412	69683817	69684863	69685137
151 NA18860	[2515685 chr4	4	69713351	69714268	918	2	0.641265	0.095723	69713102	69713600	69714004	69714537
152 NA18860	[2515685 chr4	4	87333407	87337560	4154	4	-1.07401	0.083133	87333057	87333758	87337055	87338067
153 NA18860	[2515685 chr4	4	92289323	92292975	3653	2	0.679801	0.119925	92199954	92292396	92292781	92293177
154 NA18860	[2515685 chr4	4	92343585	92344675	1091	2	-0.631052	0.124952	92343246	92343924	92344415	92344937
155 NA18860	[2515685 chr4	4	115534203	115541546	7344	9	0.877895	0.056035	115530015	115537276	115539984	11554310
156 NA18860	[2515685 chr4	4	115865203	115869488	4286	3	-1.004368	0.104199	115864913	115865494	115866415	11587556
157 NA18860	[2515685 chr4	4	116524394	116534652	10259	12	-1.083167	0.046452	116523990	116524798	116534384	11653492
158 NA18860	[2515685 chr4	4	117924345	117928199	3855	4	-0.361006	0.069964	117923097	117925593	117927699	11792870
159 NA18860	[2515685 chr4	4	125304905	125305983	1079	2	0.545522	0.104181	125304587	125305223	125305732	12530623
160 NA18860	[2515685 chr4	4	133002078	133043320	41243	22	0.358181	0.026702	133001890	133002267	133042031	13304460
161 NA18860	[2515685 chr4	4	133108885	133114636	5752	9	-0.263093	0.049733	133108710	133109061	133114207	13311506
162 NA18860	[2515685 chr4	4	133536185	133540723	4539	3	-0.942053	0.104263	133531398	133539258	133540462	13354098
163 NA18860	[2515685 chr4	4	138515732	138523407	7676	8	-0.26064	0.050026	138513259	138518206	138522778	13852403
164 NA18860	[2515685 chr4	4	138537751	138549906	12156	14	0.868467	0.045071	138537443	138538059	138547414	13855239
165 NA18860	[2515685 chr4	4	142582827	142584846	2020	2	-0.89089	0.131663	142582395	142583259	142584633	14258506
166 NA18860	[2515685 chr4	4	142588136	142590500	2365	4	-2.691265	0.124772	142587774	142588498	142590303	14259069
167 NA18860	[2515685 chr4	4	144151802	144155859	4058	5	-1.035915	0.076719	144151763	144151841	144152786	14421396
168 NA18860	[2515685 chr4	4	152236490	152243015	6526	8	-0.808001	0.056288	152231776	152239563	152241354	15224467
169 NA18860	[2515685 chr4	4	158680453	158684185	3733	2	-0.586544	0.102895	158679988	158680919	158681391	15868697

170 NA18860	[2515685 chr4	4	162806038	162809269	3232	3	0.660517	0.08594	162804872	162807204	162808734	16280980
171 NA18860	[2515685 chr4	4	166220906	166241047	20142	17	0.479235	0.036572	166219788	166222025	166238435	16624365
172 NA18860	[2515685 chr4	4	169183401	169368370	184970	162	0.828235	0.012403	169182712	169184090	169366713	16937002
173 NA18860	[2515685 chr4	4	173363594	173367718	4125	6	-0.933937	0.064574	173362583	173364606	173367283	17336815
174 NA18860	[2515685 chr4	4	178775272	178781232	5961	7	-0.298597	0.058741	178774723	178775822	178780564	17878190
175 NA18860	[2515685 chr4	4	181510330	181513372	3043	4	-0.819255	0.086003	181509772	181510889	181513067	18151367
176 NA18860	[2515685 chr4	4	183925776	183929414	3639	2	-0.534043	0.099316	183924911	183926642	183929061	18392976
177 NA18860	[2515685 chr4	4	185535274	185545272	9999	9	1.027477	0.053195	185534955	185535593	185543276	18554726
178 NA18860	[2515685 chr4	4	186816666	186819359	2694	4	4.351203	0.188027	186816420	186816912	186819049	18681967
179 NA18860	[2515685 chr4	4	187728494	187732907	4414	15	2.531194	0.059016	187728193	187728795	187732541	18773327
180 NA18860	[2515685 chr4	4	188255523	188269680	14158	235	1.471576	0.01031	188255215	188255831	188269403	18826995
181 NA18860	[2515685 chr4	4	189799455	189806541	7087	10	-0.353694	0.044771	189799180	189799730	189806018	18980706
182 NA18860	[2515685 chr4	4	190528602	190533163	4562	21	-3.176109	0.05247	190528058	190529146	190531664	19053466
183 NA18860	[2515685 chr4	4	190941429	190942794	1366	3	0.559321	0.076751	190941038	190941820	190942354	19094323
184 NA18860	[2515685 chr4	4	191142404	191143596	1193	3	-0.796917	0.087223	191142135	191142673	191143215	19114397
185 NA18860	[2515685 chr5	5	261631	263283	1653	9	0.592525	0.053629	261032	262230	262766	263801
186 NA18860	[2515685 chr5	5	520743	523903	3161	9	0.344423	0.050306	520428	521059	523590	524217
187 NA18860	[2515685 chr5	5	682536	686746	4211	16	-0.255946	0.033843	682483	682590	686331	687162
188 NA18860	[2515685 chr5	5	731032	902652	171621	156	0.603349	0.011707	730880	731185	902127	903178
189 NA18860	[2515685 chr5	5	931723	935658	3936	4	0.472584	0.066261	931199	932248	934564	936753
190 NA18860	[2515685 chr5	5	948969	953016	4048	13	-0.548347	0.034418	948182	949756	952851	953182
191 NA18860	[2515685 chr5	5	1074447	1131159	56713	112	0.328138	0.012971	1074186	1074709	1130559	1131760
192 NA18860	[2515685 chr5	5	3711017	3713468	2452	3	-0.891989	0.090882	3710011	3712024	3713223	3713713
193 NA18860	[2515685 chr5	5	5142059	5148385	6327	6	-0.314866	0.060453	5141517	5142602	5148012	5148753
194 NA18860	[2515685 chr5	5	17515667	17525104	9438	7	-0.837214	0.059542	17510191	17518865	17523994	1752621
195 NA18860	[2515685 chr5	5	17550023	17552132	2110	4	0.454929	0.064678	17549646	17550401	17551804	17552460
196 NA18860	[2515685 chr5	5	17570617	17643104	72488	331	0.557799	0.007231	17570551	17570684	17642455	1764375
197 NA18860	[2515685 chr5	5	17663728	17667407	3680	8	0.511454	0.048173	17663473	17663984	17667174	1766764
198 NA18860	[2515685 chr5	5	19410747	19412172	1426	3	0.777066	0.086286	19410189	19411305	19411980	1941236
199 NA18860	[2515685 chr5	5	21483394	21488147	4754	4	-0.827356	0.07319	21480817	21485972	21487855	2148843
200 NA18860	[2515685 chr5	5	21889815	21891927	2113	3	-0.456855	0.087679	21889447	21890183	21891637	2189221
201 NA18860	[2515685 chr5	5	26831997	26835654	3658	3	-3.302919	0.167011	26829858	26834136	26835377	2683593
202 NA18860	[2515685 chr5	5	26836459	26837938	1480	2	-2.214469	0.240086	26835932	26836987	26837469	2683840
203 NA18860	[2515685 chr5	5	55701025	55705931	4907	3	-0.515256	0.0974	55700864	55701186	55705409	5570645
204 NA18860	[2515685 chr5	5	68865200	68948510	83311	153	0.55749	0.011644	68864770	68865630	68948219	6894880
205 NA18860	[2515685 chr5	5	69348066	69404835	56770	60	0.308676	0.016575	69347865	69348268	69404157	6940551
206 NA18860	[2515685 chr5	5	69404835	69433946	29112	26	0.646463	0.025081	69404157	69405513	69433170	6943472
207 NA18860	[2515685 chr5	5	69463749	69464161	413	2	-0.690923	0.09937	69463497	69464001	69464004	6946431
208 NA18860	[2515685 chr5	5	69497288	69497994	707	2	0.611314	0.102118	69496836	69497740	69497792	6949819
209 NA18860	[2515685 chr5	5	69741138	69803645	62508	102	0.496636	0.013843	69740930	69741346	69803354	6980393
210 NA18860	[2515685 chr5	5	69944823	69956688	11866	22	0.270504	0.027225	69944815	69944832	69956166	6995721
211 NA18860	[2515685 chr5	5	70233016	70340791	107776	120	0.454381	0.008396	70232663	70233369	70340046	7034153
212 NA18860	[2515685 chr5	5	70346521	70431922	85402	140	0.454381	0.008396	70346074	70346969	70431095	7043274
213 NA18860	[2515685 chr5	5	70440940	70447838	6899	15	0.298665	0.035243	70440743	70441137	70446675	7044900
214 NA18860	[2515685 chr5	5	70464063	70464475	413	2	-0.690923	0.09937	70463811	70464315	70464318	7046463
215 NA18860	[2515685 chr5	5	79992681	79995388	2708	3	0.47825	0.093499	79992202	79993161	79995134	7999564
216 NA18860	[2515685 chr5	5	81459207	81466061	6855	2	-1.570084	0.127064	81455614	81462405	81462863	8147028
217 NA18860	[2515685 chr5	5	97154831	97156874	2044	2	-0.726705	0.12366	97154663	97154999	97155457	9715829
218 NA18860	[2515685 chr5	5	99409393	99419037	9645	13	-0.498105	0.041625	99408997	99409789	99418328	9941974
219 NA18860	[2515685 chr5	5	100662339	100669876	7538	11	-0.260103	0.046184	100662197	100662482	100669370	10067038
220 NA18860	[2515685 chr5	5	115547704	115551505	3802	7	-0.296243	0.057374	115547417	115547991	115551147	11555186
221 NA18860	[2515685 chr5	5	115638655	115644677	6023	9	-0.330802	0.053218	115637817	115639494	115644437	11564491
222 NA18860	[2515685 chr5	5	122649189	122651412	2224	3	0.611934	0.089939	122648933	122649446	122650032	12265279
223 NA18860	[2515685 chr5	5	137835848	137842722	6875	5	0.880305	0.073699	137835611	137836085	137842135	13784331
224 NA18860	[2515685 chr5	5	140203081	140218928	15848	19	2.333614	0.056828	140202344	140203819	140218508	14021934

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226 NA18860	[2515685 chr5	5	150183322	150203801	20480	11	-0.471857	0.028905	150181427	150185218	150203451	15020415
227 NA18860	[2515685 chr5	5	155408303	155424017	15715	11	-0.950962	0.051256	155405622	155410984	155420819	15542761
228 NA18860	[2515685 chr5	5	165338998	165345132	6135	2	-0.501353	0.097977	165338688	165339308	165341934	16535228
229 NA18860	[2515685 chr5	5	178875137	178876641	1505	2	0.680517	0.096594	178874878	178875396	178875938	17887734
230 NA18860	[2515685 chr5	5	180308895	180363417	54523	54	0.661546	0.021027	180308688	180309103	180363120	18036371
231 NA18860	[2515685 chr6	6	3163	18689	15527	4	0.64865	0.068966	1	6325	15669	21709
232 NA18860	[2515685 chr6	6	57835	57987	153	2	0.746719	0.116056	57748	57922	57922	58052
233 NA18860	[2515685 chr6	6	142969	144646	1678	2	-0.460427	0.089198	142286	143653	144145	145147
234 NA18860	[2515685 chr6	6	201167	327656	126490	130	0.346942	0.01283	200920	201415	326993	328320
235 NA18860	[2515685 chr6	6	26827749	26890332	62584	148	0.262976	0.012071	26827510	26827989	26890093	2689057
236 NA18860	[2515685 chr6	6	29954251	30038916	84666	75	0.432271	0.014644	29950833	29957670	30036708	3004112
237 NA18860	[2515685 chr6	6	30051460	30064799	13340	22	0.432271	0.014644	30051232	30051688	30064536	3006506
238 NA18860	[2515685 chr6	6	31317024	31318467	1444	2	0.570703	0.106701	31316572	31317476	31318197	3131873
239 NA18860	[2515685 chr6	6	31346895	31348122	1228	2	0.507711	0.09429	31346599	31347191	31347941	3134830
240 NA18860	[2515685 chr6	6	32118076	32118799	724	2	0.815108	0.108811	32117905	32118247	32118580	3211901
241 NA18860	[2515685 chr6	6	32539488	32557802	18315	16	-0.269092	0.037235	32539084	32539892	32557647	3255795
242 NA18860	[2515685 chr6	6	32557802	32558865	1064	2	0.872342	0.118737	32557647	32557958	32558698	3255903
243 NA18860	[2515685 chr6	6	32586862	32588830	1969	3	-0.744458	0.116576	32586127	32587597	32588323	3258933
244 NA18860	[2515685 chr6	6	32589957	32591649	1693	3	-2.089412	0.130206	32589338	32590576	32591403	3259189
245 NA18860	[2515685 chr6	6	32600110	32628234	28125	18	-0.774532	0.038375	32599921	32600300	32627886	3262858
246 NA18860	[2515685 chr6	6	32630637	32681799	51163	49	0.389811	0.024678	32630364	32630911	32680956	3268264
247 NA18860	[2515685 chr6	6	32702716	32705737	3022	3	-1.560866	0.091288	32702285	32703148	32704019	3270745
248 NA18860	[2515685 chr6	6	32712337	32732004	19668	17	0.532342	0.027841	32712193	32712482	32731216	3273279
249 NA18860	[2515685 chr6	6	32735984	32744343	8360	14	0.532342	0.027841	32735718	32736251	32744136	3274455
250 NA18860	[2515685 chr6	6	34723451	34730426	6976	9	-0.258081	0.050282	34723059	34723843	34730178	3473067
251 NA18860	[2515685 chr6	6	35862833	35874426	11594	13	0.530674	0.040906	35862530	35863136	35873957	3587489
252 NA18860	[2515685 chr6	6	54036900	54042384	5485	5	4.337799	0.157317	54036573	54037227	54041771	5404299
253 NA18860	[2515685 chr6	6	63665568	63667880	2313	4	0.437306	0.078961	63665283	63665853	63667678	6366808
254 NA18860	[2515685 chr6	6	77495034	77513516	18483	12	0.780619	0.047161	77493568	77496500	77510011	7751769
255 NA18860	[2515685 chr6	6	78326767	78328478	1712	2	-0.708304	0.100959	78325974	78327560	78328067	7832888
256 NA18860	[2515685 chr6	6	79023318	79093263	69946	70	0.820091	0.019202	79022028	79024609	79091909	7909461
257 NA18860	[2515685 chr6	6	87462983	87474935	11953	11	-0.854324	0.0512	87462897	87463069	87474530	8747534
258 NA18860	[2515685 chr6	6	95289126	95292677	3552	5	-0.354859	0.067277	95288832	95289420	95291838	9529351
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262 NA18860	[2515685 chr6	6	120999664	121007690	8027	3	-0.47433	0.093405	120999219	121000109	121007408	12100797
263 NA18860	[2515685 chr6	6	143949218	143952380	3163	2	0.737747	0.119515	143948651	143949786	143951280	14395348
264 NA18860	[2515685 chr6	6	161001907	161038394	36488	62	0.356505	0.015975	161001167	161002648	161038184	16103860
265 NA18860	[2515685 chr6	6	168453011	168456762	3752	3	-0.555923	0.081434	168452611	168453411	168456200	16845732
266 NA18860	[2515685 chr6	6	168535543	168537360	1818	12	0.345158	0.035218	168535263	168535824	168537100	16853762
267 NA18860	[2515685 chr6	6	170522124	170523925	1802	3	0.460789	0.086049	170521802	170522447	170523613	17052423
268 NA18860	[2515685 chr6	6	170603879	170604666	788	2	-2.488051	0.14645	170603541	170604217	170604339	17060499
269 NA18860	[2515685 chr6	6	170625506	170627028	1523	3	1.542913	0.108983	170625015	170625997	170626579	17062747
270 NA18860	[2515685 chr6	6	170860192	170860344	153	2	0.746717	0.116055	170860127	170860257	170860257	17086043
271 NA18860	[2515685 chr7	7	188812	192140	3329	2	-0.644808	0.116501	188430	189194	189783	197026
272 NA18860	[2515685 chr7	7	1084125	1086660	2536	15	0.506353	0.037346	1083752	1084499	1085871	108744
273 NA18860	[2515685 chr7	7	3384111	3392464	8354	8	0.957572	0.057826	3383451	3384772	3390107	339561
274 NA18860	[2515685 chr7	7	6527041	6537353	10313	12	0.294948	0.039245	6526733	6527349	6536580	653812
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276 NA18860	[2515685 chr7	7	19392964	19403732	10769	5	-0.487733	0.072441	19392532	19393396	19401375	1945566
277 NA18860	[2515685 chr7	7	22913632	22917774	4143	3	-0.592232	0.092246	22913277	22913988	22917338	2291821
278 NA18860	[2515685 chr7	7	43773800	43856045	82246	110	0.585944	0.013182	43773256	43774344	43853730	4385836
279 NA18860	[2515685 chr7	7	56415676	56544240	128565	4	-0.755286	0.07301	56286086	56418033	56542365	5654611



280 NA18860	[2515685 chr7	7	56652639	56668797	16159	12	0.275854	0.037659	56652228	56653051	56668252	5666934:
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283 NA18860	[2515685 chr7	7	62651575	62670120	18546	9	0.284181	0.041569	62650114	62653036	62667763	6267326:
284 NA18860	[2515685 chr7	7	64029672	64045487	15816	45	-0.364821	0.021666	64029291	64030053	64045069	6404590:
285 NA18860	[2515685 chr7	7	64162316	64165981	3666	3	0.584224	0.106266	64160143	64164489	64165654	6416630:
286 NA18860	[2515685 chr7	7	64464087	64479903	15817	43	-0.34732	0.022128	64463669	64464506	64479522	6448028:
287 NA18860	[2515685 chr7	7	64540847	64556662	15816	45	-0.350524	0.021388	64540466	64541228	64556244	6455708:
288 NA18860	[2515685 chr7	7	66185764	66203252	17489	35	0.392436	0.021676	66185376	66186152	66202563	6620394:
289 NA18860	[2515685 chr7	7	69866390	69871056	4667	6	1.769518	0.084262	69865412	69867368	69870420	6987169:
290 NA18860	[2515685 chr7	7	71775031	71789475	14445	32	0.376806	0.023616	71773381	71776681	71789213	7178973:
291 NA18860	[2515685 chr7	7	71930810	71974277	43468	107	0.278094	0.011996	71930738	71930882	71974195	7197435:
292 NA18860	[2515685 chr7	7	73760956	73777658	16703	36	0.322638	0.021175	73760884	73761028	73777316	7377800:
293 NA18860	[2515685 chr7	7	74140351	74153050	12700	35	0.348351	0.020985	74140126	74140576	74152978	7415312:
294 NA18860	[2515685 chr7	7	74551909	74623354	71446	183	0.273367	0.009189	74551827	74551991	74623282	7462342:
295 NA18860	[2515685 chr7	7	74765926	74782591	16666	40	0.375294	0.021372	74765530	74766323	74782468	7478271:
296 NA18860	[2515685 chr7	7	75790452	75794984	4533	5	-0.574647	0.069598	75790248	75790656	75794325	7579564:
297 NA18860	[2515685 chr7	7	75800977	75817580	16604	38	0.36569	0.021234	75800854	75801100	75817188	7581797:
298 NA18860	[2515685 chr7	7	76190649	76192403	1755	2	-0.793147	0.145983	76190415	76190884	76192078	7619272:
299 NA18860	[2515685 chr7	7	76292207	76341577	49371	104	0.30399	0.012568	76292106	76292309	76339220	7634614:
300 NA18860	[2515685 chr7	7	76425898	76434911	9014	9	-0.382694	0.052225	76425707	76426090	76432910	7643691:
301 NA18860	[2515685 chr7	7	76448511	76450306	1796	3	-1.164077	0.093558	76447899	76449124	76449920	7645069:
302 NA18860	[2515685 chr7	7	89455106	89456632	1527	3	2.739272	0.131271	89454839	89455373	89456225	8945703:
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304 NA18860	[2515685 chr7	7	97201390	97203016	1627	5	0.378093	0.059324	97201229	97201551	97202739	9720329:
305 NA18860	[2515685 chr7	7	99546222	99569466	23245	30	0.328007	0.023425	99545621	99546824	99568614	9957031:
306 NA18860	[2515685 chr7	7	100227583	100241218	13636	30	0.382206	0.025319	100227176	100227991	100241009	10024142:
307 NA18860	[2515685 chr7	7	101575355	101591961	16607	40	0.394082	0.020868	101575283	101575428	101591559	10159236:
308 NA18860	[2515685 chr7	7	101706878	101925433	218556	313	0.64055	0.007484	101690888	101709235	101924670	10192619:
309 NA18860	[2515685 chr7	7	101928892	101930674	1783	2	-0.519785	0.103636	101928516	101929269	101930067	10193128:
310 NA18860	[2515685 chr7	7	101944574	101955755	11182	8	-0.493238	0.050687	101942563	101946585	101953398	10197676:
311 NA18860	[2515685 chr7	7	109034777	109048749	13973	9	2.530058	0.081581	109024063	109037134	109046953	10905054:
312 NA18860	[2515685 chr7	7	109777418	109782655	5238	4	0.88576	0.080426	109776936	109777901	109782301	10978301:
313 NA18860	[2515685 chr7	7	125639507	125644775	5269	6	-3.334021	0.137361	125639054	125639961	125644046	12564550:
314 NA18860	[2515685 chr7	7	126114062	126121632	7571	11	-0.335533	0.04355	126113876	126114248	126121278	12612198:
315 NA18860	[2515685 chr7	7	133243981	133257366	13386	14	3.223033	0.081086	133243755	133244207	133255009	13326093:
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320 NA18860	[2515685 chr7	7	156939035	156942423	3389	5	-0.32371	0.0563	156938932	156939138	156941474	15694337:
321 NA18860	[2515685 chr7	7	156976112	156978464	2353	2	0.652429	0.099608	156975812	156976413	156977896	15697903:
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323 NA18860	[2515685 chr7	7	158617060	158624385	7326	6	0.892023	0.068314	158616763	158617357	158622028	15862674:
324 NA18860	[2515685 chr8	8	13248	32375	19128	30	-0.288907	0.027066	12957	13540	32228	32523
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329 NA18860	[2515685 chr8	8	4634163	4637132	2970	2	-0.567696	0.096425	4633887	4634440	4636699	463756:
330 NA18860	[2515685 chr8	8	4816266	4829987	13722	14	-0.26309	0.041363	4815949	4816584	4829088	483088:
331 NA18860	[2515685 chr8	8	5582875	5594011	11137	9	0.941297	0.050385	5582615	5583135	5592820	559520:
332 NA18860	[2515685 chr8	8	7061162	7073773	12612	21	0.27214	0.029515	7060897	7061427	7073366	707418:
333 NA18860	[2515685 chr8	8	7094852	7146048	51197	204	0.59516	0.003384	7092427	7097278	7145836	714626:
334 NA18860	[2515685 chr8	8	7154135	7194685	40551	79	0.59516	0.003384	7153924	7154347	7194256	719511:

335 NA18860	[2515685 chr8	8	7215164	7774981	559818	1010	0.59516	0.003384	7213320	7217008	7774750	7775212
336 NA18860	[2515685 chr8	8	7777281	7930292	153012	308	0.59516	0.003384	7777081	7777481	7930155	7930425
337 NA18860	[2515685 chr8	8	7951432	7966244	14813	38	0.269987	0.022682	7951122	7951743	7965980	7966505
338 NA18860	[2515685 chr8	8	11985528	12570351	584824	756	0.275597	0.005033	11982232	11988287	12570066	12570631
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342 NA18860	[2515685 chr8	8	16895718	16897030	1313	2	0.629179	0.096997	16895356	16896080	16896828	16897235
343 NA18860	[2515685 chr8	8	21832667	21833967	1301	2	0.744325	0.10247	21832108	21833227	21833678	21834257
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347 NA18860	[2515685 chr8	8	56306906	56419550	112645	2	-0.678454	0.115348	56244078	56309665	56416791	56614471
348 NA18860	[2515685 chr8	8	58278355	58289214	10860	9	0.916473	0.045119	58277116	58279595	58288084	58290345
349 NA18860	[2515685 chr8	8	58290538	58296106	5569	7	0.368305	0.057728	58290345	58290731	58295669	58296545
350 NA18860	[2515685 chr8	8	63378168	63387857	9690	14	-0.723574	0.043866	63377712	63378624	63387483	63388235
351 NA18860	[2515685 chr8	8	85423649	85431920	8272	7	0.871819	0.057437	85423043	85424256	85431347	85432495
352 NA18860	[2515685 chr8	8	86742169	86910255	168087	105	0.529531	0.012885	86741757	86742581	86910002	86910505
353 NA18860	[2515685 chr8	8	103122790	103125472	2683	3	-0.761672	0.087352	103122170	103123410	103124489	10312645
354 NA18860	[2515685 chr8	8	123128534	123130270	1737	2	-0.941965	0.126137	123127942	123129127	123130019	12313052
355 NA18860	[2515685 chr8	8	144782805	144785960	3156	2	0.862743	0.10433	144771440	144785564	144785821	144786095
356 NA18860	[2515685 chr9	9	1022	29250	28229	56	0.467691	0.019171	1	2044	27671	30829
357 NA18860	[2515685 chr9	9	599514	695015	95502	99	-0.816783	0.015966	599060	599968	694515	695515
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359 NA18860	[2515685 chr9	9	29849541	29850691	1151	2	0.688479	0.122597	29849162	29849920	29850432	29850957
360 NA18860	[2515685 chr9	9	33646675	33648138	1464	2	-0.602112	0.117797	33646355	33646996	33647857	33648420
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362 NA18860	[2515685 chr9	9	38859279	38864486	5208	12	-0.626342	0.041999	38859110	38859448	38864433	38864535
363 NA18860	[2515685 chr9	9	38872054	38876389	4336	10	-0.445706	0.046595	38868205	38874419	38876152	38876621
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367 NA18860	[2515685 chr9	9	40885620	40887009	1390	4	0.523658	0.063681	40885394	40885846	40886852	40887167
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370 NA18860	[2515685 chr9	9	42040752	42046168	5417	4	0.386951	0.072391	42039958	42041547	42046013	42046325
371 NA18860	[2515685 chr9	9	42754727	42756705	1979	3	-0.422867	0.076088	42754385	42755070	42755767	42757645
372 NA18860	[2515685 chr9	9	42875403	42877381	1979	3	-0.422862	0.076087	42875061	42875746	42876443	42878320
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374 NA18860	[2515685 chr9	9	43036915	43038373	1459	6	0.443451	0.053809	43036691	43037140	43038286	43038846
375 NA18860	[2515685 chr9	9	43406103	43407037	935	2	0.639543	0.120618	43406061	43406145	43406642	43407435
376 NA18860	[2515685 chr9	9	44040079	44063066	22988	16	-0.308904	0.032428	43969513	44042444	44062717	44063415
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378 NA18860	[2515685 chr9	9	44523967	44528456	4490	5	-0.387174	0.065897	44523487	44524448	44527869	44529045
379 NA18860	[2515685 chr9	9	45180288	45181985	1698	4	-0.411977	0.073185	45179935	45180641	45181694	45182271
380 NA18860	[2515685 chr9	9	45405808	45416494	10687	22	-0.251854	0.030825	45401306	45408173	45415849	45417135
381 NA18860	[2515685 chr9	9	45500804	45502504	1701	4	-0.411977	0.073185	45500511	45501097	45502151	45502857
382 NA18860	[2515685 chr9	9	66036364	66039825	3462	5	-0.512656	0.068306	66036206	66036523	66037460	66043675
383 NA18860	[2515685 chr9	9	66047392	66052737	5346	11	-0.644933	0.046054	66047340	66047445	66052707	66052767
384 NA18860	[2515685 chr9	9	66393542	66406646	13105	24	-0.251754	0.029264	66389640	66395907	66406335	66406955
385 NA18860	[2515685 chr9	9	66540233	66545361	5129	11	-0.342609	0.046893	66540055	66540411	66545104	66545615
386 NA18860	[2515685 chr9	9	68274323	68301710	27388	2	-0.691129	0.104562	68272461	68276185	68299345	68359405
387 NA18860	[2515685 chr9	9	69247738	69260009	12272	9	0.256146	0.047858	69247278	69248198	69257644	69264285
388 NA18860	[2515685 chr9	9	76777070	76779384	2315	2	0.718405	0.121278	76776756	76777385	76778920	76779845
389 NA18860	[2515685 chr9	9	89405187	89407924	2738	2	-0.983322	0.110791	89404572	89405803	89407164	89408685

390 NA18860	[2515685 chr9	9	104440993	104447148	6156	8	-0.715797	0.05456	104440221	104441766	104446828	10444746
391 NA18860	[2515685 chr9	9	109277234	109279241	2008	3	-0.427384	0.084868	109276884	109277585	109278980	10927950
392 NA18860	[2515685 chr9	9	112797331	112800868	3538	5	0.335612	0.063622	112796748	112797914	112800574	11280116
393 NA18860	[2515685 chr9	9	112902065	112932269	30205	42	0.588585	0.01993	112901557	112902574	112931621	11293291
394 NA18860	[2515685 chr9	9	129706215	129716213	9999	5	0.397514	0.065367	129705564	129706866	129714794	12971763
395 NA18860	[2515685 chr9	9	130841486	130848877	7392	7	0.307844	0.054753	130840854	130842119	130848528	13084922
396 NA18860	[2515685 chr9	9	135438416	135444067	5652	2	2.812541	0.156129	135383632	135440781	135443016	13544511
397 NA18860	[2515685 chr9	9	138188003	138190957	2955	47	0.356997	0.020704	138187808	138188198	138190683	13819123
398 NA18860	[2515685 chr10	10	3099589	3101985	2397	2	0.629983	0.115666	3098962	3100217	3101441	310252
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400 NA18860	[2515685 chr10	10	6693908	6703893	9986	8	0.774716	0.057072	6692231	6695585	6703779	670400
401 NA18860	[2515685 chr10	10	19788068	19793233	5166	5	-0.463544	0.066636	19787726	19788411	19791659	1979480
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407 NA18860	[2515685 chr10	10	45744145	45744762	618	2	-0.498438	0.096621	45743850	45744441	45744478	4574504
408 NA18860	[2515685 chr10	10	46111857	46130305	18449	31	-0.391504	0.023652	46111602	46112112	46129754	4613085
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410 NA18860	[2515685 chr10	10	46175361	46179274	3914	13	-0.352036	0.003765	46175199	46175523	46178889	4617965
411 NA18860	[2515685 chr10	10	46185144	46221325	36182	93	-0.323258	0.033618	46184361	46185928	46221069	4622158
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478 NA18860	[2515685 chr12	12	15154	50245	35092	12	0.335532	0.041438	11657	18651	46748	57115
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487 NA18860	[2515685 chr12	12	34251087	34252880	1794	4	-0.91572	0.086247	34250780	34251394	34252581	34253181
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498 NA18860	[2515685 chr13	13	18221776	18277248	55473	18	0.26199	0.034229	18218187	18225365	18275111	18279381
499 NA18860	[2515685 chr13	13	20436112	20450738	14627	4	0.482076	0.079063	20435513	20436712	20446049	20468871

500 NA18860	[2515685 chr13	13	25947233	25950398	3166	3	4.455825	0.19322	25946194	25948272	25949415	2595138
501 NA18860	[2515685 chr13	13	31430484	31437209	6726	7	-3.023348	0.104377	31430130	31430838	31436488	3143793
502 NA18860	[2515685 chr13	13	33029564	33042392	12829	8	0.7553	0.059094	33000262	33034253	33041860	3304292
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511 NA18860	[2515685 chr14	14	18437470	18835653	398184	646	-0.545062	0.003627	18437443	18437497	18835419	1883588
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577 NA18860	[2515685 chr16	16	1681	11380	9700	9	0.352191	0.046775	1	3362	9494	13304
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653 NA18860	[2515685 chr17	17	75223639	75225100	1462	4	-0.675866	0.060999	75223385	75223893	75224893	7522530:
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655 NA18860	[2515685 chr18	18	14246928	14322605	75678	22	0.374517	0.030396	14244529	14249327	14320558	1432465:
656 NA18860	[2515685 chr18	18	28142218	28143399	1182	2	0.747026	0.11951	28141854	28142583	28143055	2814374:
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665 NA18860	[2515685 chr19	19	310414	314479	4066	15	-0.750818	0.037586	309687	311142	312994	315964
666 NA18860	[2515685 chr19	19	8243623	8272250	28628	16	0.435541	0.033173	8242830	8244417	8271784	8272717
667 NA18860	[2515685 chr19	19	15639934	15694633	54700	51	0.495131	0.020266	15639244	15640625	15694434	15694831
668 NA18860	[2515685 chr19	19	22931042	22934759	3718	3	1.211797	0.111208	22918199	22933577	22934546	22934971
669 NA18860	[2515685 chr19	19	23007896	23014812	6917	7	0.622421	0.061193	22990964	23010431	23014157	23015461
670 NA18860	[2515685 chr19	19	23597182	23600235	3054	5	-0.831677	0.069003	23596541	23597823	23599600	23600871
671 NA18860	[2515685 chr19	19	39419234	39422498	3265	5	0.581067	0.070592	39418853	39419616	39421681	39423311
672 NA18860	[2515685 chr19	19	41450179	41493620	43442	28	0.687821	0.026022	41421528	41452714	41491085	41497851
673 NA18860	[2515685 chr19	19	41532761	41540854	8094	2	0.694734	0.114581	41532090	41533433	41538691	41543017
674 NA18860	[2515685 chr19	19	42450465	42487512	37048	33	0.711235	0.023376	42413600	42453000	42486487	42488531
675 NA18860	[2515685 chr19	19	49584862	49631297	46436	44	-0.506288	0.023189	49584601	49585124	49630732	49631861
676 NA18860	[2515685 chr19	19	56795291	56798382	3092	6	0.319092	0.057875	56794910	56795672	56797932	56798831
677 NA18860	[2515685 chr19	19	56826070	56840752	14683	14	-0.68158	0.04026	56825810	56826331	56840372	56841131
678 NA18860	[2515685 chr19	19	58210435	58244458	34024	26	-0.790774	0.030515	58209863	58211007	58243893	58245021
679 NA18860	[2515685 chr19	19	59247755	59252981	5227	6	0.85289	0.064978	59246427	59249084	59252269	59253691
680 NA18860	[2515685 chr19	19	59422281	59435274	12994	15	-0.64642	0.039488	59421840	59422722	59435027	59435521
681 NA18860	[2515685 chr19	19	59492384	59498950	6567	7	0.49106	0.055803	59491977	59492791	59497077	59500821
682 NA18860	[2515685 chr19	19	59952968	59955569	2602	3	-0.395937	0.077756	59952712	59953225	59954819	59956321
683 NA18860	[2515685 chr19	19	60166764	60170745	3982	2	0.638962	0.086266	60165407	60168121	60169211	60172271
684 NA18860	[2515685 chr19	19	60960299	60962124	1826	2	-0.631946	0.105592	60959907	60960691	60961727	60962521
685 NA18860	[2515685 chr20	20	1511097	1532477	21381	26	-2.283052	0.047451	1510534	1511660	1532182	15327731
686 NA18860	[2515685 chr20	20	15249645	15251805	2161	2	-0.70299	0.102615	15249381	15249909	15251287	15252321
687 NA18860	[2515685 chr20	20	23904391	23982762	78372	10	0.289534	0.043196	23887613	23907810	23979343	24071241
688 NA18860	[2515685 chr20	20	25785997	25799175	13179	9	0.319628	0.048307	25785759	25786235	25798661	25799681
689 NA18860	[2515685 chr20	20	26136817	26138192	1376	3	0.547584	0.092016	26136626	26137008	26137783	26138601
690 NA18860	[2515685 chr20	20	59951513	59957050	5538	18	0.877461	0.035113	59950681	59952345	59956538	59957561
691 NA18860	[2515685 chr20	20	62066380	62068214	1835	8	1.362889	0.059457	62066146	62066615	62067671	62068751
692 NA18860	[2515685 chr20	20	62113559	62121334	7776	22	-0.273433	0.032186	62113491	62113628	62120828	62121841
693 NA18860	[2515685 chr20	20	62233505	62235897	2393	4	0.582374	0.061897	62232847	62234163	62235101	62236691
694 NA18860	[2515685 chr20	20	62275204	62278261	3058	35	0.275476	0.026121	62274903	62275506	62278223	62278291
695 NA18860	[2515685 chr21	21	10053781	10076005	22225	27	0.291264	0.028482	10053078	10054484	10075742	10076261
696 NA18860	[2515685 chr21	21	10111093	10112867	1775	2	0.555161	0.091501	10110744	10111443	10112615	10113121
697 NA18860	[2515685 chr21	21	13961915	13968799	6885	6	-0.44984	0.057447	13961738	13962093	13967342	13970251
698 NA18860	[2515685 chr21	21	13976132	13980758	4627	10	-0.366123	0.044962	13975943	13976322	13980622	13980891
699 NA18860	[2515685 chr21	21	14150623	14197493	46871	16	0.321635	0.03489	14145265	14155981	14194870	14200111
700 NA18860	[2515685 chr21	21	14210929	14212208	1280	2	-0.566652	0.108327	14210702	14211156	14211604	14212811
701 NA18860	[2515685 chr22	22	14474806	14777885	303080	568	-0.564493	0.005562	14474622	14474991	14777603	14778161
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703 NA18860	[2515685 chr22	22	16993668	16998345	4678	3	0.463337	0.081363	16993305	16994031	16995658	17001721
704 NA18860	[2515685 chr22	22	17032140	17361026	328887	457	0.274503	0.00334	17031480	17032801	17360659	17361391
705 NA18860	[2515685 chr22	22	17393232	19380073	1986842	921	0.274503	0.00334	17392823	17393642	19377752	19382391
706 NA18860	[2515685 chr22	22	19789638	20027144	237507	366	0.274503	0.00334	19788642	19790634	20024457	20031461
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710 NA18860	[2515685 chr22	22	20178068	20188917	10850	14	-0.350535	0.04092	20178036	20178100	20188500	20189331
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726 NA18860	[2515685 chrX	23	655376	657388	2013	4	-0.514194	0.078169	655166	655586	656091	658686
727 NA18860	[2515685 chrX	23	1979394	1983878	4485	15	0.935731	0.039388	1979134	1979654	1982685	1985071
728 NA18860	[2515685 chrX	23	2286200	2288297	2098	2	0.797648	0.095146	2285671	2286730	2287550	2289041
729 NA18860	[2515685 chrX	23	9182407	9192056	9650	13	0.40871	0.040147	9181838	9182977	9191527	9192581
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736 NA18860	[2515685 chrX	23	105478359	105479862	1504	2	-0.645252	0.099542	105477870	105478848	105479594	10548013
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738 NA18860	[2515685 chrX	23	118816240	118840552	24313	27	1.252872	0.032613	118815752	118816729	118840046	118841051
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742 NA18860	[2515685 chrX	23	139806116	139842391	36276	47	0.299394	0.018576	139802399	139809834	139842274	13984250
743 NA18860	[2515685 chrX	23	140051433	140066718	15286	26	0.290676	0.025371	140043259	140055415	140062736	14007331
744 NA18860	[2515685 chrX	23	140378279	140413881	35603	49	0.323053	0.018374	140378162	140378397	140411067	14041669
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746 NA18860	[2515685 chrX	23	146066383	146073685	7303	18	-0.442186	0.033415	146066116	146066650	146073504	14607386
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751 NA18860	[2515685 chrY	24	1979394	1983878	4485	15	0.935731	0.039388	1979134	1979654	1982685	1985071
752 NA18860	[2515685 chrY	24	2286200	2288297	2098	2	0.797648	0.095146	2285671	2286730	2287550	2289041
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754 NA18860	[2515685 chrY	24	9203902	9205634	1733	5	0.554888	0.070549	9203765	9204039	9205546	9205721
755 NA18860	[2515685 chrY	24	21995100	22050469	55370	185	0.357557	0.009257	21994995	21995205	22050325	22050611
756 NA18860	[2515685 chrY	24	22363212	22408082	44871	151	0.355608	0.010179	22363068	22363357	22407858	22408301
757 NA18860	[2515685 chrY	24	22650628	22671548	20921	70	0.324992	0.015387	22649721	22651535	22671238	22671851
758 NA18860	[2515685 chrY	24	22797436	22798350	915	3	0.426096	0.074631	22797160	22797713	22797960	22798741
759 NA18860	[2515685 chrY	24	22883410	22905218	21809	69	0.323816	0.015467	22883100	22883721	22905194	22905241
760 NA18860	[2515685 chrY	24	23632162	23649003	16842	37	-0.699657	0.022164	23628879	23635103	23648757	23649241
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764 NA18860	[2515685 chrY	24	25341625	25362432	20808	44	-0.756021	0.020515	25341379	25341871	25359491	25366501
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766 NA18860	[2515685 chrY	24	57531227	57533466	2240	2	-0.93719	0.113781	57530168	57532287	57532610	57534321
767 NA18860	[2515685 chrY	24	57599133	57600104	972	2	0.810664	0.11738	57598662	57599605	57599769	57600441
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1 NA18564	[2515685 chr1	1	601032	609358	8327	7	-0.605524	0.054814	587801	604315	608594	610122
2 NA18564	[2515685 chr1	1	752209	890985	138777	186	0.28601	0.010523	751974	752445	890729	891241
3 NA18564	[2515685 chr1	1	6429810	6529553	99744	5	0.4378	0.064644	6412294	6433093	6526270	6606241
4 NA18564	[2515685 chr1	1	10416438	10418311	1874	2	-0.825161	0.097794	10415863	10417014	10417712	10418911
5 NA18564	[2515685 chr1	1	12785372	12790585	5214	12	0.296105	0.036215	12785195	12785549	12790241	12790921
6 NA18564	[2515685 chr1	1	12829124	12869451	40328	50	0.272526	0.009339	12828579	12829669	12868612	12870291

7 NA18564	[2515685 chr1	1	12881057	12927842	46786	105	0.272526	0.009339	12881004	12881111	12927646	1292803!
8 NA18564	[2515685 chr1	1	12950589	12966035	15447	28	-0.486663	0.026147	12950107	12951071	12965849	1296622
9 NA18564	[2515685 chr1	1	12995178	13014231	19054	25	0.40887	0.027475	12994551	12995806	13013335	1301512
10 NA18564	[2515685 chr1	1	13069187	13096219	27033	36	-0.550439	0.022859	13015127	13072470	13095739	1309670!
11 NA18564	[2515685 chr1	1	13144855	13151544	6690	6	0.498572	0.048219	13142107	13147604	13151351	1315173!
12 NA18564	[2515685 chr1	1	13159940	13162706	2767	4	0.780475	0.053256	13159618	13160263	13162366	1316304!
13 NA18564	[2515685 chr1	1	13177342	13197672	20331	13	0.383674	0.029211	13176478	13178206	13197496	1319784!
14 NA18564	[2515685 chr1	1	13216105	13240056	23952	28	-0.462936	0.021418	13214189	13218021	13239572	1324054!
15 NA18564	[2515685 chr1	1	13255302	13260399	5098	7	0.292425	0.039585	13254786	13255819	13260178	1326062!
16 NA18564	[2515685 chr1	1	13365652	13372341	6690	6	0.498572	0.048219	13362904	13368401	13372148	1337253!
17 NA18564	[2515685 chr1	1	13380737	13383503	2767	4	0.780475	0.053256	13380415	13381060	13383163	1338384!
18 NA18564	[2515685 chr1	1	13398137	13418527	20391	13	0.383674	0.029211	13397275	13399000	13418351	1341870!
19 NA18564	[2515685 chr1	1	13436941	13460890	23950	28	-0.472148	0.021525	13435025	13438857	13460405	1346137!
20 NA18564	[2515685 chr1	1	13476132	13481239	5108	7	0.292425	0.039585	13475616	13476649	13481019	1348146!
21 NA18564	[2515685 chr1	1	16577498	16590019	12522	19	0.343119	0.006306	16577091	16577906	16587726	1659231!
22 NA18564	[2515685 chr1	1	16600109	16951179	351071	449	0.343119	0.006306	16599837	16600382	16950818	1695154!
23 NA18564	[2515685 chr1	1	16963802	16975161	11360	11	0.31349	0.041131	16961444	16966160	16974917	1697540!
24 NA18564	[2515685 chr1	1	25330950	25409968	79019	78	0.323014	0.016023	25330662	25331238	25409763	2541017!
25 NA18564	[2515685 chr1	1	32118397	32120834	2438	2	-1.022692	0.108393	32117378	32119416	32120153	3212151!
26 NA18564	[2515685 chr1	1	72478372	72524180	45809	36	-3.017964	0.046958	72478140	72478604	72523661	7252470!
27 NA18564	[2515685 chr1	1	86112825	86116608	3784	5	-2.682035	0.116364	86112582	86113069	86116349	8611686!
28 NA18564	[2515685 chr1	1	89188117	89190762	2646	1	1.578754	0.089052	89187764	89188470	89190458	8919106!
29 NA18564	[2515685 chr1	1	105728161	105735462	7302	8	-1.025603	0.063217	105727820	105728503	105734532	10573639
30 NA18564	[2515685 chr1	1	105862636	105864295	1660	2	-0.522275	0.095496	105862373	105862900	105864051	10586454
31 NA18564	[2515685 chr1	1	108514938	108565175	50238	59	0.372235	0.019438	108514864	108515012	108565023	10856532
32 NA18564	[2515685 chr1	1	108638318	108688767	50450	59	0.38398	0.019334	108638254	108638383	108688693	10868884
33 NA18564	[2515685 chr1	1	112405902	112416691	10790	10	0.618268	0.050259	112405415	112406389	112416423	11241696
34 NA18564	[2515685 chr1	1	141915781	141918521	2741	9	0.606204	0.040368	141915140	141916422	141918279	14191876
35 NA18564	[2515685 chr1	1	141966491	141975681	9191	31	0.385308	0.020366	141966486	141966496	141975633	14197573
36 NA18564	[2515685 chr1	1	142096128	142096822	695	2	0.628573	0.081881	142095585	142096671	142096672	14209697
37 NA18564	[2515685 chr1	1	142438265	142569435	131171	157	0.348453	0.011427	142437427	142439104	142568775	14257009
38 NA18564	[2515685 chr1	1	142744385	142745273	889	2	0.817871	0.121632	142743794	142744976	142745023	14274552
39 NA18564	[2515685 chr1	1	144971729	144975140	3412	4	0.413711	0.079267	144971442	144972016	144974825	14497545
40 NA18564	[2515685 chr1	1	145044635	145046862	2228	6	0.469111	0.047158	145044092	145045178	145046708	14504701
41 NA18564	[2515685 chr1	1	145046862	145047267	406	2	1.023603	0.086759	145046708	145047016	145047025	14504750
42 NA18564	[2515685 chr1	1	145091514	145107601	16088	50	0.361279	0.016466	145089695	145093333	145107302	14510790
43 NA18564	[2515685 chr1	1	145381606	145402904	21299	45	0.29312	0.017062	145381586	145381626	145401111	14540469
44 NA18564	[2515685 chr1	1	145543635	145564933	21299	44	0.295242	0.017227	145543615	145543655	145563140	14556672
45 NA18564	[2515685 chr1	1	145814302	145869472	55171	68	0.268076	0.005637	145812747	145815857	145869230	14586971
46 NA18564	[2515685 chr1	1	145874661	146344860	470200	492	0.268076	0.005637	145874397	145874925	146343057	14634666
47 NA18564	[2515685 chr1	1	146389143	146391476	2334	6	0.700072	0.051871	146388901	146389385	146391229	14639172
48 NA18564	[2515685 chr1	1	148998878	149005918	7041	13	0.67572	0.030374	148998401	148999355	149004680	14900715
49 NA18564	[2515685 chr1	1	149368571	149385742	17172	3	-1.053964	0.092304	149368105	149369038	149385339	14938614
50 NA18564	[2515685 chr1	1	149385742	149399435	13694	19	-2.966015	0.065484	149385339	149386145	149399080	14939979
51 NA18564	[2515685 chr1	1	149573040	149583431	10392	6	0.762493	0.067954	149572621	149573460	149582912	14958395
52 NA18564	[2515685 chr1	1	158225480	158253277	27798	40	-0.494696	0.016636	158225276	158225685	158252398	15825415
53 NA18564	[2515685 chr1	1	158255053	158264535	9483	5	-0.374055	0.058571	158254848	158255258	158264300	15826477
54 NA18564	[2515685 chr1	1	158295459	158377436	81978	96	-1.064763	0.01605	158294850	158296068	158377203	15837767!
55 NA18564	[2515685 chr1	1	171527310	171533429	6120	6	-0.899306	0.066004	171526198	171528423	171532245	17153361
56 NA18564	[2515685 chr1	1	192541700	192547982	6283	3	-0.433517	0.077658	192541312	192542088	192547786	19254817!
57 NA18564	[2515685 chr1	1	193448820	193554182	105363	88	0.527217	0.015916	193448631	193449010	193553474	19355489
58 NA18564	[2515685 chr1	1	193615671	193650443	34773	30	0.263335	0.025769	193615441	193615901	193650245	19365064
59 NA18564	[2515685 chr1	1	221964327	221993707	29381	26	0.466922	0.026861	221963143	221965511	221992970	22199444
60 NA18564	[2515685 chr1	1	226117234	226125736	8503	2	-0.61558	0.112967	226114786	226119683	226122453	22612975
61 NA18564	[2515685 chr1	1	231219104	231262742	43639	48	0.45313	0.021111	231218806	231219402	231261830	23126365

62 NA18564	[2515685 chr1	1	233202036	233204956	2921	43	-0.404923	0.018155	233201760	233202312	233204364	23320554
63 NA18564	[2515685 chr1	1	239368545	239498531	129987	15	-0.432746	0.037964	239368239	239368851	239496181	23950088
64 NA18564	[2515685 chr2	2	297104	298925	1822	7	0.385319	0.057461	296699	297510	298661	299189
65 NA18564	[2515685 chr2	2	388500	390704	2205	6	-0.528355	0.062274	387915	389086	390173	391236
66 NA18564	[2515685 chr2	2	409864	411481	1618	12	0.290138	0.042977	409612	410116	411229	411733
67 NA18564	[2515685 chr2	2	4722540	4724061	1522	2	0.544132	0.097843	4722151	4722930	4723456	4724666
68 NA18564	[2515685 chr2	2	10581245	10632393	51149	54	0.44125	0.020178	10580919	10581571	10629433	1063741
69 NA18564	[2515685 chr2	2	34606437	34644772	38336	39	0.823851	0.025358	34601818	34609397	34641812	3464839
70 NA18564	[2515685 chr2	2	35896470	35905939	9470	3	-0.86051	0.088543	35879425	35899430	35902979	3590982
71 NA18564	[2515685 chr2	2	37869648	37911473	41826	43	-0.478757	0.022733	37869077	37870220	37911214	3791173
72 NA18564	[2515685 chr2	2	52661573	52696869	35297	26	-3.286059	0.056569	52661218	52661928	52696416	5269732
73 NA18564	[2515685 chr2	2	56563617	56567381	3765	2	3.252075	0.021349	56556559	56566577	56567035	5656772
74 NA18564	[2515685 chr2	2	66416834	66420210	3377	2	-0.684628	0.122413	66416385	66417284	66419065	6642135
75 NA18564	[2515685 chr2	2	73922476	73948487	26012	42	0.922654	0.01538	73922222	73922730	73948060	7394891
76 NA18564	[2515685 chr2	2	75296507	75298934	2428	2	0.576011	0.103116	75296056	75296959	75298532	7529933
77 NA18564	[2515685 chr2	2	80676753	80679626	2874	2	-1.05121	0.113086	80675216	80678291	80678901	8068035
78 NA18564	[2515685 chr2	2	87963983	88098957	134975	14	0.314882	0.040635	87963455	87964512	88097049	8810086
79 NA18564	[2515685 chr2	2	97184386	97189742	5357	2	-0.865599	0.108299	97182781	97185992	97186782	9719672
80 NA18564	[2515685 chr2	2	97613796	97614932	1137	2	1.034049	0.124552	97613553	97614040	97614467	9761539
81 NA18564	[2515685 chr2	2	106339466	106344320	4855	6	-0.543624	0.068312	106339069	106339864	106344055	10634458
82 NA18564	[2515685 chr2	2	108313968	108314875	908	2	0.711048	0.109399	108313664	108314272	108314680	10831507
83 NA18564	[2515685 chr2	2	111696774	111699147	2374	16	0.45893	0.036683	111696413	111697136	111698899	11169939
84 NA18564	[2515685 chr2	2	123193457	123198547	5091	4	-0.890253	0.075667	123193121	123193793	123198337	12319875
85 NA18564	[2515685 chr2	2	126159437	126168349	8913	3	-3.538774	0.160257	126158494	126160381	126168048	12616865
86 NA18564	[2515685 chr2	2	126839002	126840204	1203	3	-0.513764	0.090703	126838868	126839137	126839708	12684070
87 NA18564	[2515685 chr2	2	129229413	129230774	1362	2	-1.251781	0.128066	129229234	129229593	129230356	12923119
88 NA18564	[2515685 chr2	2	129354604	129360182	5579	4	-5.318239	0.211407	129354317	129354892	129357659	12936270
89 NA18564	[2515685 chr2	2	130096771	130097708	938	2	-0.972646	0.120745	130096554	130096988	130097523	13009789
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91 NA18564	[2515685 chr2	2	146694138	146710744	16607	17	-2.616755	0.06979	146688620	146697098	146710557	14671093
92 NA18564	[2515685 chr2	2	153622711	153625256	2546	3	0.869339	0.092757	153621175	153624247	153625088	15362542
93 NA18564	[2515685 chr2	2	195804965	195809805	4841	5	-0.711168	0.072958	195803577	195806354	195809355	19581025
94 NA18564	[2515685 chr2	2	208176479	208184457	7979	7	0.823573	0.061373	208176093	208176865	208183930	20818498
95 NA18564	[2515685 chr2	2	232512469	232537143	24675	6	-0.382308	0.040695	232511142	232513796	232534243	23254004
96 NA18564	[2515685 chr2	2	234742469	234743945	1477	2	-0.668865	0.112137	234742152	234742786	234743507	23474438
97 NA18564	[2515685 chr2	2	242664580	242668683	4104	10	1.384689	0.040654	242664284	242664877	242668532	24266883
98 NA18564	[2515685 chr3	3	154057	157210	3154	3	-0.456978	0.083524	153604	154511	156642	157779
99 NA18564	[2515685 chr3	3	1757211	1765715	8505	2	0.940552	0.120733	1756096	1758327	1762058	179730
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102 NA18564	[2515685 chr3	3	47798187	47820469	22283	20	0.273766	0.032288	47797874	47798501	47820356	4782058
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104 NA18564	[2515685 chr3	3	106127289	106128660	1372	2	-0.835081	0.099673	106126821	106127758	106128182	10612913
105 NA18564	[2515685 chr3	3	161838609	161848881	10273	12	-0.884719	0.043924	161838322	161838896	161848436	16184932
106 NA18564	[2515685 chr3	3	163994592	164106273	111682	106	2.449627	0.026777	163993392	163995793	164106029	16410651
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109 NA18564	[2515685 chr3	3	176561952	176567506	5555	5	-0.876871	0.070292	176560250	176563654	176565991	17656902
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114 NA18564	[2515685 chr3	3	196988595	197004602	16008	26	0.265167	0.028227	196988208	196988982	197004284	19700492
115 NA18564	[2515685 chr3	3	198422794	198427408	4615	2	0.871429	0.120345	198422381	198423207	198423959	19843085
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117 NA18564	[2515685 chr4	4	728045	731845	3801	2	0.668604	0.097314	727736	728355	731532	732155
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119 NA18564	[2515685 chr4	4	8740317	8756949	16633	25	0.827537	0.020603	8740049	8740586	8756813	8757086
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122 NA18564	[2515685 chr4	4	9812346	9813108	763	33	0.740027	0.019741	9812284	9812408	9812952	9813265
123 NA18564	[2515685 chr4	4	9887220	9911397	24178	31	2.911092	0.050134	9886886	9887555	9910388	9912407
124 NA18564	[2515685 chr4	4	9939379	9943104	3726	7	0.285184	0.051004	9939127	9939631	9942862	9943346
125 NA18564	[2515685 chr4	4	33200574	33201715	1142	2	0.636513	0.108735	33200322	33200826	33201357	33202075
126 NA18564	[2515685 chr4	4	34602797	34650994	48198	45	0.841882	0.024004	34601994	34603600	34649535	34652455
127 NA18564	[2515685 chr4	4	49022713	49176391	153679	365	-0.258463	0.006657	49022424	49023002	49174409	49178375
128 NA18564	[2515685 chr4	4	69202585	69320563	117979	72	1.12486	0.023154	69202236	69202934	69320240	69320885
129 NA18564	[2515685 chr4	4	69320563	69341211	20649	16	0.331808	0.017766	69320240	69320887	69340966	69341451
130 NA18564	[2515685 chr4	4	69347741	69365270	17530	21	0.331808	0.017766	69347112	69348370	69365129	69365541
131 NA18564	[2515685 chr4	4	69671789	69693234	21446	24	0.314739	0.016679	69671604	69671975	69692988	69693481
132 NA18564	[2515685 chr4	4	69699752	69717280	17529	24	0.314739	0.016679	69699123	69700381	69717139	69717425
133 NA18564	[2515685 chr4	4	70277983	70417223	139241	143	0.373343	0.012605	70277671	70278295	70416364	70418085
134 NA18564	[2515685 chr4	4	71408191	71430587	22397	25	-0.836295	0.031418	71407950	71408433	71430348	71430825
135 NA18564	[2515685 chr4	4	124835704	124837199	1496	3	-0.650402	0.083126	124835418	124835991	124836924	124837475
136 NA18564	[2515685 chr4	4	125304905	125305983	1079	2	0.66683	0.103305	125304587	125305223	125305732	125306233
137 NA18564	[2515685 chr4	4	133536180	133540723	4544	3	-3.296893	0.192339	133531398	133539258	133540462	13354098
138 NA18564	[2515685 chr4	4	138537751	138549906	12156	14	0.900533	0.045282	138537443	138538059	138547414	13855239
139 NA18564	[2515685 chr4	4	142588136	142590500	2365	4	-0.796976	0.079838	142587774	142588498	142590303	14259069
140 NA18564	[2515685 chr4	4	161371184	161377067	5884	10	-0.950497	0.053173	161370737	161371632	161376564	161377575
141 NA18564	[2515685 chr4	4	162806038	162809269	3232	3	0.839652	0.087287	162804872	162807204	162808734	16280980
142 NA18564	[2515685 chr4	4	169184442	169368370	183929	160	0.835795	0.012377	169184090	169184794	169366713	16937002
143 NA18564	[2515685 chr4	4	173363594	173367718	4125	6	-0.796445	0.062591	173362583	173364606	173367283	17336815
144 NA18564	[2515685 chr4	4	173799832	173807333	7502	6	-3.993166	0.162226	173799464	173800201	173804255	17381134
145 NA18564	[2515685 chr4	4	185533276	185544849	11574	12	0.793674	0.045736	185532696	185533857	185543276	18554642
146 NA18564	[2515685 chr4	4	190528602	190533163	4562	21	-0.310859	0.032004	190528058	190529146	190531664	19053466
147 NA18564	[2515685 chr4	4	190941429	190942794	1366	3	0.526645	0.070963	190941038	190941820	190942354	19094323
148 NA18564	[2515685 chr5	5	520743	521684	942	5	1.032878	0.082659	520428	521059	521427	521942
149 NA18564	[2515685 chr5	5	730362	967076	236715	235	0.2621	0.006372	729845	730880	966797	967355
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151 NA18564	[2515685 chr5	5	1122190	1126930	4741	40	0.2621	0.006372	1121609	1122772	1126646	1127215
152 NA18564	[2515685 chr5	5	1231558	1233247	1690	2	-1.002262	0.099323	1231167	1231949	1232879	1233615
153 NA18564	[2515685 chr5	5	17550023	17551708	1686	3	-0.517444	0.067761	17549646	17550401	17551613	17551805
154 NA18564	[2515685 chr5	5	17570617	17643104	72488	331	-0.644659	0.006164	17570551	17570684	17642455	17643755
155 NA18564	[2515685 chr5	5	17663728	17667407	3680	8	-0.536763	0.042948	17663473	17663984	17667174	17667645
156 NA18564	[2515685 chr5	5	17745629	17750443	4815	2	1.02647	0.103597	17745478	17745780	17748817	17752071
157 NA18564	[2515685 chr5	5	19410747	19412172	1426	3	0.72186	0.085558	19410189	19411305	19411980	19412365
158 NA18564	[2515685 chr5	5	21483394	21488147	4754	4	-3.105555	0.123311	21480817	21485972	21487855	21488435
159 NA18564	[2515685 chr5	5	32295710	32297985	2276	2	-0.937562	0.113522	32295082	32296338	32296746	32299225
160 NA18564	[2515685 chr5	5	68886836	68961866	75031	132	-0.290946	0.010754	68886492	68887180	68960721	68963015
161 NA18564	[2515685 chr5	5	69357598	69404835	47238	47	0.35906	0.016483	69357245	69357951	69404157	69405515
162 NA18564	[2515685 chr5	5	69404835	69411352	6518	6	0.896934	0.046742	69404157	69405513	69410702	69412005
163 NA18564	[2515685 chr5	5	69742254	69817505	75252	123	-0.287848	0.011035	69741639	69742870	69816360	69818655
164 NA18564	[2515685 chr5	5	70195200	70291713	96514	104	0.309316	0.010116	70194720	70195680	70287456	70294911
165 NA18564	[2515685 chr5	5	70303574	70309397	5824	10	0.309316	0.010116	70303355	70303794	70308614	70310181
166 NA18564	[2515685 chr5	5	70322955	70403953	80999	131	-0.306796	0.010986	70321793	70324118	70403337	70404565
167 NA18564	[2515685 chr5	5	79992681	79999566	6886	7	0.311269	0.061009	79992202	79993161	79998428	80000705
168 NA18564	[2515685 chr5	5	81459202	81466066	6865	2	-1.451852	0.123834	81455614	81462405	81462863	81470281
169 NA18564	[2515685 chr5	5	97427204	97428665	1462	3	0.731188	0.095986	97426913	97427496	97428529	97428805
170 NA18564	[2515685 chr5	5	97465497	97467027	1531	3	-0.451391	0.087603	97465358	97465637	97466801	97467255
171 NA18564	[2515685 chr5	5	98692416	98694362	1947	3	0.592408	0.082804	98691745	98693087	98694014	98694715

172 NA18564	[2515685 chr5	5	98867127	98870861	3735	2	-1.722171	0.173667	98864129	98870125	98870667	9887105!
173 NA18564	[2515685 chr5	5	99753556	99755901	2346	9	-0.253992	0.049555	99753490	99753623	99755598	9975620.
174 NA18564	[2515685 chr5	5	137835178	137844134	8957	8	0.581205	0.057086	137834745	137835611	137843310	13784495
175 NA18564	[2515685 chr5	5	140194263	140197431	3169	5	0.350961	0.067978	140193978	140194548	140197059	14019780
176 NA18564	[2515685 chr5	5	140203081	140217091	14011	18	2.606689	0.062645	140202344	140203819	140216552	14021763
177 NA18564	[2515685 chr5	5	140217091	140218928	1838	2	1.19114	0.111192	140216552	140217631	140218508	14021934
178 NA18564	[2515685 chr5	5	140534849	140540106	5258	5	0.809172	0.06713	140534700	140534999	140539007	14054120
179 NA18564	[2515685 chr5	5	150157909	150161837	3929	6	-0.875846	0.068569	150157286	150158532	150161621	15016205
180 NA18564	[2515685 chr5	5	150183322	150203801	20480	11	-0.768734	0.048451	150181427	150185218	150203451	15020415
181 NA18564	[2515685 chr5	5	155337139	155339408	2270	2	-0.784318	0.111512	155336532	155337747	155338229	15534058
182 NA18564	[2515685 chr5	5	180418059	180419113	1055	2	0.732416	0.127759	180417894	180418224	180418598	18041962
183 NA18564	[2515685 chr6	6	240929	327656	86728	99	0.36622	0.014631	240278	241581	326993	328320
184 NA18564	[2515685 chr6	6	19149239	19156670	7432	10	-0.861258	0.048954	19148813	19149665	19153876	1915946!
185 NA18564	[2515685 chr6	6	29954251	30032459	78209	71	0.474433	0.018243	29950833	29957670	30032181	3003273!
186 NA18564	[2515685 chr6	6	30051460	30052527	1068	3	0.800832	0.088628	30051232	30051688	30052363	3005269!
187 NA18564	[2515685 chr6	6	30063619	30064799	1181	2	0.57571	0.101695	30063441	30063797	30064536	3006506!
188 NA18564	[2515685 chr6	6	31345252	31346265	1014	2	-1.030631	0.104154	31344957	31345548	31345931	3134659!
189 NA18564	[2515685 chr6	6	31387065	31419859	32795	16	-0.885781	0.041003	31386395	31387736	31418034	3142168.
190 NA18564	[2515685 chr6	6	32539488	32547042	7555	3	-0.46803	0.088013	32539084	32539892	32546557	3254752!
191 NA18564	[2515685 chr6	6	32557802	32558865	1064	2	0.827215	0.114959	32557647	32557958	32558698	3255903!
192 NA18564	[2515685 chr6	6	32564602	32586862	22261	4	-0.901384	0.137147	32564316	32564888	32586127	3258759!
193 NA18564	[2515685 chr6	6	32589957	32591649	1693	3	-0.494791	0.088751	32589338	32590576	32591403	3259189!
194 NA18564	[2515685 chr6	6	32605125	32617055	11931	9	-0.380248	0.04788	32604923	32605328	32613543	3262657
195 NA18564	[2515685 chr6	6	32631127	32632349	1223	2	-0.621266	0.121811	32630911	32631343	32632089	3263261!
196 NA18564	[2515685 chr6	6	32653862	32655482	1621	2	1.323998	0.151027	32653679	32654046	32654980	3265598.
197 NA18564	[2515685 chr6	6	32666229	32667673	1445	3	0.507424	0.086547	32665899	32666560	32667507	3266783!
198 NA18564	[2515685 chr6	6	32672888	32680221	7334	6	0.353702	0.062028	32672612	32673164	32679896	3268054.
199 NA18564	[2515685 chr6	6	32735351	32736908	1558	3	0.623269	0.092968	32734985	32735718	32736724	3273709!
200 NA18564	[2515685 chr6	6	32741849	32744343	2495	4	0.883814	0.082805	32741631	32742067	32744136	3274455!
201 NA18564	[2515685 chr6	6	32744343	32749233	4891	3	-0.482117	0.090936	32744136	32744550	327445721	3275666!
202 NA18564	[2515685 chr6	6	66455162	66461833	6672	5	-0.815182	0.077162	66454046	66456278	66461410	6646225!
203 NA18564	[2515685 chr6	6	74648985	74654614	5630	10	-2.56976	0.081438	74648748	74649222	74653982	7465524.
204 NA18564	[2515685 chr6	6	77495034	77513523	18490	12	0.755917	0.047145	77493568	77496500	77510011	7751769!
205 NA18564	[2515685 chr6	6	79023318	79093263	69946	70	0.847209	0.019199	79022028	79024609	79091909	7909461!
206 NA18564	[2515685 chr6	6	103844685	103871201	26517	17	2.9984	0.069261	103844347	103845023	103868241	10387416
207 NA18564	[2515685 chr6	6	115492959	115494541	1583	2	1.160025	0.128185	115492678	115493240	115494140	11549494
208 NA18564	[2515685 chr6	6	160056728	160058998	2271	2	-3.939986	0.183629	160055808	160057648	160058322	16005967
209 NA18564	[2515685 chr6	6	161001907	161038394	36488	62	0.662109	0.012923	161001167	161002648	161038184	16103860
210 NA18564	[2515685 chr6	6	162708136	162709963	1828	2	-1.15164	0.118829	162707715	162708557	162709130	16271079
211 NA18564	[2515685 chr6	6	168780035	168781989	1955	4	-0.650202	0.076707	168779504	168780567	168781555	16878242
212 NA18564	[2515685 chr6	6	169643176	169644457	1282	2	0.7035	0.127801	169642647	169643706	169644168	16964474
213 NA18564	[2515685 chr6	6	170603879	170604666	788	2	-1.549209	0.121101	170603541	170604217	170604339	17060499
214 NA18564	[2515685 chr7	7	155442	158227	2786	4	-0.451938	0.075863	155019	155866	157830	158624
215 NA18564	[2515685 chr7	7	1084125	1086660	2536	15	0.504436	0.035641	1083752	1084499	1085871	108744!
216 NA18564	[2515685 chr7	7	3384111	3392466	8356	8	0.841271	0.056575	3383451	3384772	3390107	339561!
217 NA18564	[2515685 chr7	7	6518590	6520714	2125	2	0.832829	0.107931	6517957	6519223	6520078	652135!
218 NA18564	[2515685 chr7	7	14024131	14025556	1426	5	-0.674009	0.076891	14023511	14024751	14025262	1402585!
219 NA18564	[2515685 chr7	7	38154080	38178711	24632	28	-0.272878	0.026279	38153653	38154508	38177987	3817943!
220 NA18564	[2515685 chr7	7	53869656	53872136	2481	2	-0.536282	0.089772	53869183	53870130	53870844	5387342!
221 NA18564	[2515685 chr7	7	56956206	56957573	1368	6	-0.455491	0.068466	56956139	56956274	56957233	5695791!
222 NA18564	[2515685 chr7	7	62134653	62135875	1223	2	-0.681868	0.101754	62134258	62135049	62135619	6213613!
223 NA18564	[2515685 chr7	7	62153758	62158032	4275	14	-0.444194	0.040815	62153637	62153880	62158011	6215805!
224 NA18564	[2515685 chr7	7	62223671	62239385	15715	71	-0.361727	0.017297	62223604	62223738	62239384	6223938!
225 NA18564	[2515685 chr7	7	62254472	62255088	617	4	0.621602	0.071152	62254309	62254635	62254924	6225525!
226 NA18564	[2515685 chr7	7	62302079	62302696	618	4	0.621604	0.071152	62301915	62302243	62302533	6230285!

227 NA18564	[2515685 chr7	7	62309817	62333584	23768	89	-0.347281	0.01546	62309804	62309830	62333517	6233365:
228 NA18564	[2515685 chr7	7	62395807	62399676	3870	12	-0.398198	0.046397	62395483	62396131	62399488	6239986:
229 NA18564	[2515685 chr7	7	62651575	62670122	18548	9	0.255329	0.032576	62650114	62653036	62667763	6267326:
230 NA18564	[2515685 chr7	7	63995985	64009675	13691	17	0.357644	0.036474	63995676	63996294	64009043	6401030:
231 NA18564	[2515685 chr7	7	64029672	64045487	15816	45	-0.489511	0.021093	64029291	64030053	64045069	6404590:
232 NA18564	[2515685 chr7	7	64162316	64165371	3056	2	0.844134	0.141817	64160143	64164489	64165089	6416565:
233 NA18564	[2515685 chr7	7	64464087	64481591	17505	46	-0.468249	0.020779	64463669	64464506	64481417	6448176:
234 NA18564	[2515685 chr7	7	64538610	64556662	18053	48	-0.45891	0.020084	64537873	64539348	64556244	6455708:
235 NA18564	[2515685 chr7	7	64690171	64725545	35375	38	0.402853	0.022647	64689761	64690582	64725209	6472588:
236 NA18564	[2515685 chr7	7	72013828	72014871	1044	4	0.566312	0.065907	72013665	72013991	72014598	7201514:
237 NA18564	[2515685 chr7	7	73823616	73824682	1067	5	0.517097	0.06443	73823477	73823755	73824463	7382490:
238 NA18564	[2515685 chr7	7	73917034	73918196	1163	2	1.041967	0.100623	73917029	73917040	73917270	7391912:
239 NA18564	[2515685 chr7	7	73965656	73966691	1036	4	0.381967	0.067966	73965279	73966033	73966513	7396687:
240 NA18564	[2515685 chr7	7	74096901	74097943	1043	4	0.566321	0.065907	74096630	74097173	74097780	7409810:
241 NA18564	[2515685 chr7	7	74417518	74418680	1163	2	1.041927	0.100621	74416593	74418444	74418675	7441868:
242 NA18564	[2515685 chr7	7	74510928	74512131	1204	5	0.538559	0.061145	74510847	74511009	74511969	7451229:
243 NA18564	[2515685 chr7	7	75790452	75794984	4533	5	-0.748785	0.070808	75790248	75790656	75794325	7579564:
244 NA18564	[2515685 chr7	7	89455106	89456632	1527	3	3.398375	0.140416	89454839	89455373	89456225	8945703:
245 NA18564	[2515685 chr7	7	90676411	90686518	10108	14	-0.799216	0.043492	90674727	90678095	90685238	9068779:
246 NA18564	[2515685 chr7	7	92971481	92976895	5415	4	0.965924	0.089527	92971060	92971903	92975569	9297822:
247 NA18564	[2515685 chr7	7	97038338	97047344	9007	16	-0.715157	0.040654	97032531	97040697	97046973	9704771:
248 NA18564	[2515685 chr7	7	99513362	99516859	3498	5	0.355231	0.053838	99513133	99513592	99514500	9952443:
249 NA18564	[2515685 chr7	7	100202927	100203955	1029	2	0.660226	0.110046	100202569	100203285	100203714	10020419:
250 NA18564	[2515685 chr7	7	104755288	104758660	3373	2	0.862735	0.10952	104754871	104755705	104756890	10476043:
251 NA18564	[2515685 chr7	7	109034775	109046722	11948	9	2.349179	0.0853	109024063	109037134	10904691	10904695:
252 NA18564	[2515685 chr7	7	109776378	109782655	6278	5	0.906638	0.075089	109775821	109776936	109782301	10978301:
253 NA18564	[2515685 chr7	7	125639507	125644775	5269	6	-0.785859	0.075592	125639054	125639961	125644046	12564550:
254 NA18564	[2515685 chr7	7	126108382	126126371	17990	27	-0.342784	0.026722	126107861	126108904	126125619	12612712:
255 NA18564	[2515685 chr7	7	133243381	133245202	1822	2	0.967039	0.108685	133243008	133243755	133244207	13324619:
256 NA18564	[2515685 chr7	7	133245202	133257368	12167	13	3.365694	0.084141	133244207	133246197	133255009	13326093:
257 NA18564	[2515685 chr7	7	141218636	141247657	29022	30	-0.699368	0.029677	141217990	141219282	141247027	14124828:
258 NA18564	[2515685 chr7	7	141760008	141761893	1886	2	-0.78459	0.118951	141759690	141760326	141761589	14176219:
259 NA18564	[2515685 chr7	7	141962017	141978673	16657	22	-0.454238	0.032872	141961693	141962342	141978355	14197899:
260 NA18564	[2515685 chr7	7	143257273	143259025	1753	2	-0.657366	0.11257	143256987	143257560	143258671	14325938:
261 NA18564	[2515685 chr7	7	143316069	143511719	195651	369	0.266382	0.007056	143315654	143316485	143511270	14351216:
262 NA18564	[2515685 chr7	7	156976112	156978464	2353	2	1.252593	0.113627	156975812	156976413	156977896	15697903:
263 NA18564	[2515685 chr7	7	158207288	158209880	2593	2	0.989375	0.127753	158206344	158208233	158209333	15821042:
264 NA18564	[2515685 chr7	7	158617060	158624387	7328	6	0.898757	0.068054	158616763	158617357	158622028	15862674:
265 NA18564	[2515685 chr8	8	314016	317019	3004	5	0.418026	0.062245	313588	314445	316753	317286:
266 NA18564	[2515685 chr8	8	345497	346644	1148	3	0.503278	0.08227	345046	345949	346440	346848:
267 NA18564	[2515685 chr8	8	1328256	1343509	15254	45	-1.138658	0.020679	1327688	1328824	1342795	1344224:
268 NA18564	[2515685 chr8	8	2238726	2253801	15076	10	0.78308	0.050929	2233839	2241488	2251039	225752:
269 NA18564	[2515685 chr8	8	5582875	5594011	11137	9	0.88513	0.049447	5582615	5583135	5592820	5595203:
270 NA18564	[2515685 chr8	8	7098713	7190831	92119	294	-0.741604	0.0031	7098285	7099142	7188864	7192798:
271 NA18564	[2515685 chr8	8	7202731	7268617	65887	88	-0.741604	0.0031	7202348	7203115	7267878	726935:
272 NA18564	[2515685 chr8	8	7275854	7430731	154878	359	-0.741604	0.0031	7275509	7276199	7430300	743116:
273 NA18564	[2515685 chr8	8	7607253	7848819	241567	574	-0.741604	0.0031	7606824	7607682	7848557	784908:
274 NA18564	[2515685 chr8	8	7861585	7928723	67139	188	-0.741604	0.0031	7861524	7861646	7928292	7929154:
275 NA18564	[2515685 chr8	8	12023134	12034819	11686	32	0.566186	0.02631	12022997	12023272	12034665	1203497:
276 NA18564	[2515685 chr8	8	12035286	12064826	29541	49	-0.269867	0.017714	12034973	12035599	12064663	1206498:
277 NA18564	[2515685 chr8	8	12064826	12072445	7620	25	-1.179093	0.025862	12064663	12064989	12072267	1207262:
278 NA18564	[2515685 chr8	8	12276602	12284041	7440	13	0.488263	0.037959	12276206	12276998	12283622	1228446:
279 NA18564	[2515685 chr8	8	12304064	12314107	10044	19	-0.337273	0.026639	12303884	12304245	12313944	1231427:
280 NA18564	[2515685 chr8	8	12314107	12321726	7620	22	-1.127736	0.026874	12313944	12314270	12321548	1232190:
281 NA18564	[2515685 chr8	8	18900549	18901909	1361	2	-0.649357	0.103187	18900138	18900960	18901577	1890224:

282 NA18564	[2515685 chr8	8	20022286	20024771	2486	2	-0.739502	0.114013	20021082	20023491	20024338	2002520-
283 NA18564	[2515685 chr8	8	21832667	21833967	1301	2	0.839769	0.106189	21832108	21833227	21833678	2183425-
284 NA18564	[2515685 chr8	8	39351178	39506673	155496	161	0.76402	0.012658	39350826	39351530	39505284	3950806-
285 NA18564	[2515685 chr8	8	49081430	49084499	3070	2	0.685775	0.113736	49079497	49083364	49084089	4908491-
286 NA18564	[2515685 chr8	8	58278355	58289214	10860	9	1.085806	0.042412	58277116	58279595	58288084	5829034-
287 NA18564	[2515685 chr8	8	58290538	58296106	5569	7	0.393183	0.058606	58290345	58290731	58295669	5829654-
288 NA18564	[2515685 chr8	8	85423649	85431920	8272	7	0.954661	0.058435	85423043	85424256	85431347	8543249-
289 NA18564	[2515685 chr8	8	86742169	86910255	168087	105	0.504653	0.010534	86741757	86742581	86910002	8691050-
290 NA18564	[2515685 chr8	8	120222652	120229952	7301	6	0.758506	0.064386	120218251	120225414	120229434	12023047-
291 NA18564	[2515685 chr8	8	144782802	144785960	3159	2	0.684118	0.106029	144771440	144785564	144785821	14478609-
292 NA18564	[2515685 chr8	8	145530388	145532720	2333	2	0.775863	0.125111	145530166	145530611	145532494	14553294-
293 NA18564	[2515685 chr9	9	46143	48200	2058	3	-0.510664	0.088453	46139	46147	47314	49087
294 NA18564	[2515685 chr9	9	7433854	7435652	1799	2	-0.621718	0.111644	7433283	7434425	7435034	743627-
295 NA18564	[2515685 chr9	9	16890360	16894575	4216	5	-0.379246	0.068569	16889923	16890798	16894273	1689487-
296 NA18564	[2515685 chr9	9	17801093	17818912	17820	17	-0.938089	0.039827	17800758	17801428	17818264	1781956-
297 NA18564	[2515685 chr9	9	28836246	28838385	2140	2	-0.93963	0.106175	28835879	28836613	28837661	2883911-
298 NA18564	[2515685 chr9	9	38899810	38903431	3622	4	0.41716	0.073408	38899653	38899968	38901063	3890594-
299 NA18564	[2515685 chr9	9	39068492	39069421	930	3	0.457647	0.090543	39068340	39068645	39069135	3906970-
300 NA18564	[2515685 chr9	9	41193344	41199633	6290	5	0.378658	0.066462	41193015	41193673	41199476	4119979-
301 NA18564	[2515685 chr9	9	43808781	43810310	1530	2	0.571868	0.103471	43808388	43809175	43810107	4381051-
302 NA18564	[2515685 chr9	9	66005782	66012061	6280	5	0.378658	0.066462	66005453	66006111	66011904	6601221-
303 NA18564	[2515685 chr9	9	66393539	66397327	3789	6	-0.353928	0.059551	66389640	66395907	66397103	6639755-
304 NA18564	[2515685 chr9	9	67195876	67196883	1008	2	0.471697	0.093232	67195691	67196062	67196717	6719704-
305 NA18564	[2515685 chr9	9	68200977	68201915	939	2	0.729706	0.104652	68200578	68201376	68201730	6820210-
306 NA18564	[2515685 chr9	9	101794472	101804576	10105	8	-0.801666	0.062773	101793428	101795517	101803113	10180603-
307 NA18564	[2515685 chr9	9	112684489	112687545	3057	2	-0.57414	0.112141	112684198	112684780	112686624	11268846-
308 NA18564	[2515685 chr9	9	112902065	112932269	30205	42	0.696453	0.016159	112901557	112902574	112931621	11293291-
309 NA18564	[2515685 chr9	9	135438413	135444067	5655	2	3.374252	0.174595	135383632	135440781	135443016	13544511-
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347 NA18564	[2515685 chr10	10	124350353	124366738	16386	21	-0.373524 0.022204	124350031	124350675	124366300	124367177
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374 NA18564	[2515685 chr12	12	8262986	8270350	7365	18	-1.213237 0.030936	8262374	8263598	8269654	8271044
375 NA18564	[2515685 chr12	12	10472497	10491904	19408	14	-0.586325 0.043091	10472016	10472979	10488400	10553947
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377 NA18564	[2515685 chr12	12	12605956	12607299	1344	2	0.940708 0.125304	12605559	12606353	12606864	12607737
378 NA18564	[2515685 chr12	12	30348930	30352723	3794	3	0.422412 0.084169	30348429	30349431	30351682	30353767
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381 NA18564	[2515685 chr12	12	127322032	127326052	4021	4	0.396738 0.078451	127321371	127322694	127325619	12732648
382 NA18564	[2515685 chr12	12	128820239	128822626	2388	2	-0.923632 0.11714	128819579	128820899	128821826	12882342
383 NA18564	[2515685 chr12	12	130798727	130802870	4144	5	-0.865721 0.066844	130798268	130799187	130801345	13080439
384 NA18564	[2515685 chr13	13	25947233	25950398	3166	3	3.226417 0.152271	25946194	25948272	25949415	2595138
385 NA18564	[2515685 chr13	13	33029551	33043421	13871	9	0.878603 0.056799	33000262	33034253	33042925	33043914
386 NA18564	[2515685 chr13	13	33862844	33865211	2368	2	0.597637 0.118453	33862283	33863405	33864905	33865514
387 NA18564	[2515685 chr13	13	69633905	69673289	39385	42	0.836621 0.023982	69633412	69634399	69672985	69673597
388 NA18564	[2515685 chr13	13	84621201	84622847	1647	2	-0.560629 0.103286	84620747	84621656	84622572	84623127
389 NA18564	[2515685 chr13	13	110502383	110503129	747	3	-1.036919 0.104915	110502225	110502541	110502890	11050336
390 NA18564	[2515685 chr13	13	112717306	112719112	1807	2	-0.631476 0.099275	112716919	112717694	112718845	11271938
391 NA18564	[2515685 chr13	13	113079647	113086840	7194	3	0.620136 0.083418	113078890	113080404	113082138	11309434



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407 NA18564	[2515685 chr15	15	19091518	19470416	378899	471	0.32594	0.006502	19091509	19091528	19469782	19471057
408 NA18564	[2515685 chr15	15	19543151	19547258	4108	5	0.263656	0.045051	19542863	19543440	19546893	19547627
409 NA18564	[2515685 chr15	15	19767746	19916618	148873	159	0.473591	0.011153	19767284	19768209	19916422	19916812
410 NA18564	[2515685 chr15	15	19976034	20094958	118925	123	0.284794	0.012953	19975765	19976303	20092648	20197787
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413 NA18564	[2515685 chr15	15	21050351	21065489	15139	16	0.41683	0.030893	21050342	21050361	21065210	21065767
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416 NA18564	[2515685 chr15	15	23482566	23483671	1106	2	0.811005	0.085432	23482224	23482908	23483437	23483901
417 NA18564	[2515685 chr15	15	24986053	24992250	6198	7	0.891062	0.061547	24985426	24986680	24991680	24992821
418 NA18564	[2515685 chr15	15	26263874	26264479	606	4	0.334113	0.054384	26263801	26263947	26264309	26264647
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426 NA18564	[2515685 chr15	15	82333041	82335194	2154	2	-0.742465	0.103921	82332284	82333799	82334729	82335667
427 NA18564	[2515685 chr15	15	100109640	100122682	13043	98	0.98425	0.01243	100108905	100110376	100122315	100123057
428 NA18564	[2515685 chr16	16	1064802	1066359	1558	2	0.622204	0.101604	1064465	1065139	1065803	10669167
429 NA18564	[2515685 chr16	16	14955818	15031089	75272	69	-0.265685	0.01747	14955356	14956281	15030750	15031427
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431 NA18564	[2515685 chr16	16	18010627	18016356	5730	4	-0.361211	0.066502	18010196	18011059	18016027	18016681
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433 NA18564	[2515685 chr16	16	18838214	18849371	11158	14	-0.273395	0.037839	18837819	18838610	18848563	18850181
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435 NA18564	[2515685 chr16	16	21649895	21715522	65628	62	-0.253975	0.015339	21649570	21650221	21714379	21716661
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438 NA18564	[2515685 chr16	16	22356273	22382123	25851	60	-0.365909	0.015737	22355697	22356849	22381925	22382327
439 NA18564	[2515685 chr16	16	22465989	22618743	152755	139	-0.390259	0.011396	22465691	22466287	22617181	22620301
440 NA18564	[2515685 chr16	16	28522768	28525408	2641	3	-0.994293	0.082065	28522366	28523170	28525115	28525707
441 NA18564	[2515685 chr16	16	28528415	28530590	2176	3	-0.658178	0.081439	28528196	28528634	28529733	28531447
442 NA18564	[2515685 chr16	16	29475340	29495366	20027	32	-0.260407	0.01582	29475322	29475359	29494626	29496107
443 NA18564	[2515685 chr16	16	29507127	29522060	14934	20	-0.260407	0.01582	29506772	29507482	29521784	29522337
444 NA18564	[2515685 chr16	16	30215033	30235324	20292	33	-0.328819	0.02209	30215008	30215059	30234798	30235857
445 NA18564	[2515685 chr16	16	30247239	30253434	6196	10	-0.356137	0.041769	30246841	30247637	30253009	30253867
446 NA18564	[2515685 chr16	16	31869887	31875862	5976	11	-0.257624	0.043292	31869805	31869970	31875581	31876147

447 NA18564	[2515685 chr16	16	31900721	31901605	885	2	0.499778	0.099913	31900500	31900942	31901267	3190194:
448 NA18564	[2515685 chr16	16	32150890	32152933	2044	4	-0.281674	0.052856	32150057	32151724	32152679	3215318:
449 NA18564	[2515685 chr16	16	32154214	32197170	42957	98	-0.384825	0.012191	32154161	32154267	32196926	3219741-
450 NA18564	[2515685 chr16	16	32570265	32612861	42597	103	-0.382121	0.011809	32570138	32570393	32612808	3261291-
451 NA18564	[2515685 chr16	16	32614305	32616183	1879	5	-0.310032	0.049191	32614214	32614396	32615350	3261701:
452 NA18564	[2515685 chr16	16	33091854	33093897	2044	4	-0.281674	0.052856	33091021	33092688	33093643	3309415:
453 NA18564	[2515685 chr16	16	33095178	33194268	99091	227	-0.352574	0.007835	33095125	33095231	33194099	3319443:
454 NA18564	[2515685 chr16	16	33672072	33677354	5283	13	-0.268277	0.039597	33671787	33672358	33676941	3367776:
455 NA18564	[2515685 chr16	16	34321818	34609081	287264	323	-0.47552	0.00816	34317185	34323706	34607193	3461732:
456 NA18564	[2515685 chr16	16	54353711	54362962	9252	10	-0.413093	0.049921	54353419	54354004	54362223	5436370:
457 NA18564	[2515685 chr16	16	54365075	54371760	6686	8	-0.763844	0.05011	54364721	54365430	54370782	5437273:
458 NA18564	[2515685 chr16	16	54399675	54422911	23237	29	0.252379	0.028254	54399445	54399906	54422635	5442318:
459 NA18564	[2515685 chr16	16	57204541	57207585	3045	3	5.355834	0.220611	57204170	57204913	57206938	5720823:
460 NA18564	[2515685 chr16	16	68702274	68789580	87307	121	0.317259	0.012459	68701593	68702955	68789287	6878987:
461 NA18564	[2515685 chr16	16	72920370	72966135	45766	43	0.345212	0.021793	72919818	72920922	72966079	7296619:
462 NA18564	[2515685 chr16	16	76928915	76942282	13368	11	0.625998	0.043502	76928609	76929221	76941602	7694296:
463 NA18564	[2515685 chr16	16	83994929	84004171	9243	81	0.506814	0.013397	83994558	83995300	84003767	8400457:
464 NA18564	[2515685 chr16	16	84562720	84565235	2516	11	0.486264	0.048742	84561685	84563756	84565142	8456532:
465 NA18564	[2515685 chr17	17	966845	970150	3306	21	0.339732	0.034117	966537	967154	969378	970922
466 NA18564	[2515685 chr17	17	14984685	14999596	14912	15	-0.93597	0.041884	14984106	14985264	14999318	1499987:
467 NA18564	[2515685 chr17	17	18299050	18311209	12160	19	0.361801	0.033099	18298294	18299807	18310937	1831148:
468 NA18564	[2515685 chr17	17	18331739	18332345	607	2	-0.880906	0.097723	18331509	18331970	18331978	1833271:
469 NA18564	[2515685 chr17	17	18973847	18975099	1253	4	-0.425532	0.06717	18973422	18974272	18974722	1897547:
470 NA18564	[2515685 chr17	17	20299935	20300531	597	2	-0.880904	0.097723	20299568	20300303	20300311	2030075:
471 NA18564	[2515685 chr17	17	20325192	20325864	673	2	0.655038	0.084541	20324968	20325416	20325582	2032614:
472 NA18564	[2515685 chr17	17	31437744	31439351	1608	3	0.605176	0.067505	31437542	31437946	31439129	3143957:
473 NA18564	[2515685 chr17	17	31452761	31454743	1983	3	0.670006	0.076643	31451860	31453663	31454515	3145497:
474 NA18564	[2515685 chr17	17	31535982	31547218	11237	19	0.556892	0.024861	31535106	31536858	31546915	3154752:
475 NA18564	[2515685 chr17	17	31624042	31648792	24751	36	0.514978	0.017933	31623164	31624920	31648489	3164909:
476 NA18564	[2515685 chr17	17	31847598	31865078	17481	5	0.535468	0.056717	31844510	31849808	31864350	3186580:
477 NA18564	[2515685 chr17	17	32829500	32833231	3732	5	0.843428	0.076457	32828825	32830175	32832670	3283379:
478 NA18564	[2515685 chr17	17	33324385	33341894	17510	6	0.536697	0.052933	33323841	33324930	33339684	3334498:
479 NA18564	[2515685 chr17	17	33562321	33585313	22993	13	0.436713	0.034676	33561930	33562713	33584586	3358604:
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481 NA18564	[2515685 chr17	17	36898029	36982743	84715	99	0.416473	0.012416	36897743	36898316	36982183	3698330:
482 NA18564	[2515685 chr17	17	36988318	36991957	3640	5	0.416473	0.012416	36988009	36988628	36991285	3699263:
483 NA18564	[2515685 chr17	17	36999130	37016854	17725	16	0.416473	0.012416	36998799	36999462	37014738	3701897:
484 NA18564	[2515685 chr17	17	40943910	40964418	20509	23	0.377615	0.026606	40943511	40944309	40964370	4096446:
485 NA18564	[2515685 chr17	17	41006614	41017119	10506	13	-0.332754	0.040811	41006215	41007013	41016872	4101736:
486 NA18564	[2515685 chr17	17	41035524	41036525	1002	2	0.563719	0.099321	41035120	41035928	41035967	4103708:
487 NA18564	[2515685 chr17	17	41675037	41676708	1672	2	0.56372	0.099321	41673805	41676270	41676309	4167710:
488 NA18564	[2515685 chr17	17	41742907	42137420	394514	435	0.458276	0.00566	41742762	41743052	42135210	4214194:
489 NA18564	[2515685 chr17	17	42447034	42487040	40007	68	0.25793	0.015782	42447009	42447059	42486638	4248744:
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503 NA18564	[2515685 chr19	19	310414	312953	2540	14	-0.474347	0.037087	309687	311142	312913	312994
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509 NA18564	[2515685 chr19	19	22626324	22627831	1508	2	-0.849181	0.117558	22626147	22626502	22627729	22627937
510 NA18564	[2515685 chr19	19	22781574	22783034	1461	2	0.744882	0.142186	22781294	22781854	22782628	22783440
511 NA18564	[2515685 chr19	19	23007893	23014812	6920	7	0.776622	0.061186	22990964	23010431	23014157	23015461
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513 NA18564	[2515685 chr19	19	24147959	24148730	772	3	0.409128	0.079434	24147835	24148083	24148193	24149267
514 NA18564	[2515685 chr19	19	39419837	39421349	1513	3	0.69729	0.09875	39419616	39420059	39421018	39421687
515 NA18564	[2515685 chr19	19	40540866	40541878	1013	3	-0.762355	0.085219	40540646	40541086	40541551	40542201
516 NA18564	[2515685 chr19	19	40543556	40545135	1580	3	-3.450525	0.178796	40543292	40543821	40544782	40545488
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524 NA18564	[2515685 chr19	19	58169057	58171564	2508	2	0.500267	0.092101	58168791	58169324	58171021	58172107
525 NA18564	[2515685 chr19	19	58210435	58244458	34024	26	-0.791352	0.030306	58209863	58211007	58243893	58245027
526 NA18564	[2515685 chr19	19	59247755	59252061	4307	5	0.824474	0.071472	59246427	59249084	59251854	59252268
527 NA18564	[2515685 chr19	19	59417912	59436244	18333	24	0.393211	0.027515	59417566	59418258	59435978	59436517
528 NA18564	[2515685 chr19	19	60958920	60976029	17110	15	-0.497477	0.037336	60957933	60959907	60975748	60976311
529 NA18564	[2515685 chr20	20	1511097	1532477	21381	26	-2.253186	0.04782	1510534	1511660	1532182	1532773
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538 NA18564	[2515685 chr21	21	13869695	13888998	19304	21	0.3902	0.031894	13869290	13870100	13888658	13889331
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540 NA18564	[2515685 chr22	22	14480809	14480937	129	2	0.728669	0.115776	14480758	14480860	14480862	14481017
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542 NA18564	[2515685 chr22	22	17225268	17237406	12139	28	-0.331304	0.024955	17224868	17225668	17237316	17237497
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544 NA18564	[2515685 chr22	22	18689526	19032736	343211	347	-0.254898	0.004133	18686307	18692211	19032008	19033461
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548 NA18564	[2515685 chr22	22	22671590	22683930	12341	12	0.752675	0.046895	22671248	22671933	22681309	22686557
549 NA18564	[2515685 chr22	22	22683930	22688523	4594	3	-0.744022	0.093654	22681309	22686552	22687378	22689661
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1 NA19221	[2515685 chr1	1	897	77845	76949	120	0.515156	0.018469	1	1794	77684	78006
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3 NA19221	[2515685 chr1	1	601036	612159	11124	8	-1.29685	0.07153	587801	604315	610122	614196

4	NA19221	[2515685 chr1	1	874312	1740374	866063	840	0.279956	0.006989	873971	874654	1739938	1740817
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14	NA19221	[2515685 chr1	1	13292736	13372914	80179	46	0.364912	0.02983	13292111	13293362	13372535	13373291
15	NA19221	[2515685 chr1	1	13380737	13382868	2132	3	0.662999	0.116809	13380415	13381060	13382574	13383161
16	NA19221	[2515685 chr1	1	13507934	13526542	18609	20	0.253204	0.04524	13507788	13508080	13525583	13527501
17	NA19221	[2515685 chr1	1	16582897	16593950	11054	12	0.377957	0.058404	16582310	16583485	16593312	16594581
18	NA19221	[2515685 chr1	1	16604440	16833315	228876	350	0.318352	0.010815	16604025	16604856	16832899	16833731
19	NA19221	[2515685 chr1	1	16922617	16940620	18004	30	0.371927	0.036938	16922326	16922908	16940202	16941031
20	NA19221	[2515685 chr1	1	21483287	21540026	56740	59	0.293601	0.026411	21483049	21483526	21539370	21540681
21	NA19221	[2515685 chr1	1	25371139	25391148	20010	19	0.268679	0.046415	25370398	25371880	25390773	25391521
22	NA19221	[2515685 chr1	1	31706808	31755482	48675	45	0.275873	0.03016	31705994	31707623	31755050	31755911
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26	NA19221	[2515685 chr1	1	75798184	75830974	32791	38	-0.925779	0.033121	75797427	75798942	75830636	75831311
27	NA19221	[2515685 chr1	1	75831836	75835989	4154	2	-0.838362	0.143061	75831313	75832359	75832710	75840661
28	NA19221	[2515685 chr1	1	89188117	89190762	2646	4	0.2032495	0.126799	89187764	89188470	89190458	89191061
29	NA19221	[2515685 chr1	1	95465170	95470130	4961	2	-0.791454	0.14306	95464764	95465576	95466851	95479271
30	NA19221	[2515685 chr1	1	96198206	96200558	2353	4	-0.63802	0.101158	96197849	96198563	96200356	96200761
31	NA19221	[2515685 chr1	1	103815990	103857352	41363	61	0.382425	0.025915	103815802	103816179	103857039	10385766
32	NA19221	[2515685 chr1	1	108444641	108449550	4910	9	0.773837	0.06744	108443817	108445466	108449224	108449871
33	NA19221	[2515685 chr1	1	108526551	108528751	2201	9	0.533441	0.06744	108526381	108526722	108528671	108528831
34	NA19221	[2515685 chr1	1	108674954	108677151	2198	9	0.533441	0.06744	108674873	108675035	108676981	108677321
35	NA19221	[2515685 chr1	1	109935157	109950550	15394	21	0.380698	0.044316	109935040	109935275	109949935	109951161
36	NA19221	[2515685 chr1	1	112405902	112416691	10790	9	0.872012	0.06744	112405415	112406389	112416423	112416961
37	NA19221	[2515685 chr1	1	120322812	120326272	3461	7	0.3886	0.07647	120322585	120323040	120326067	120326471
38	NA19221	[2515685 chr1	1	120521070	120521557	488	3	0.665459	0.116809	120520711	120521430	120521547	120521561
39	NA19221	[2515685 chr1	1	120527658	120529698	2041	30	0.400732	0.036938	120527644	120527673	120529686	120529711
40	NA19221	[2515685 chr1	1	120699768	120718288	18521	30	-0.26344	0.036938	120699503	120700034	120718032	120718541
41	NA19221	[2515685 chr1	1	141390474	141392615	2142	45	0.382803	0.03016	141390462	141390486	141392571	141392651
42	NA19221	[2515685 chr1	1	141398495	141399110	616	7	0.533075	0.076469	141398480	141398510	141398750	141399471
43	NA19221	[2515685 chr1	1	141447471	141451528	4058	10	-0.261757	0.017228	141447265	141447677	141451258	141451791
44	NA19221	[2515685 chr1	1	141464325	141549792	85468	112	-0.261757	0.017228	141463946	141464705	141549239	141550341
45	NA19221	[2515685 chr1	1	141876697	141877606	910	2	-0.789698	0.143061	141876675	141876720	141877195	141878011
46	NA19221	[2515685 chr1	1	142696205	142699592	3388	7	0.393393	0.076469	142696003	142696408	142699467	142699711
47	NA19221	[2515685 chr1	1	142799987	142861573	61587	226	0.319834	0.013458	142799860	142800115	142861455	142861691
48	NA19221	[2515685 chr1	1	142960746	142963932	3187	6	0.478574	0.082596	142960564	142960929	142963785	142964071
49	NA19221	[2515685 chr1	1	143630031	143694787	64757	31	0.289671	0.036338	143629377	143630686	143694669	143694901
50	NA19221	[2515685 chr1	1	144867781	144869728	1948	6	0.428592	0.082596	144867529	144868034	144869353	144870101
51	NA19221	[2515685 chr1	1	144888479	144904909	16431	23	0.340039	0.042186	144888103	144888856	144904493	144905321
52	NA19221	[2515685 chr1	1	145675186	145683070	7885	19	0.26561	0.046415	145675075	145675298	145682604	145683531
53	NA19221	[2515685 chr1	1	145704645	145713347	8703	13	0.354965	0.056113	145701968	145707322	145713015	145713671
54	NA19221	[2515685 chr1	1	145814302	146244554	430253	465	0.303527	0.009388	145812747	145815857	146244527	146244581
55	NA19221	[2515685 chr1	1	146430129	146431026	898	2	-0.789697	0.143061	146429730	146430528	146431003	146431041
56	NA19221	[2515685 chr1	1	149573040	149583431	10392	6	0.894439	0.082597	149572621	149573460	149582912	149583951
57	NA19221	[2515685 chr1	1	151958456	151969505	11050	12	0.477306	0.058404	151957702	151959210	151969000	151970011
58	NA19221	[2515685 chr1	1	158295459	158306184	10726	9	-0.375693	0.06744	158294850	158296068	158305545	158306821

59 NA19221	[2515685 chr1	1	158326052	158369478	43427	51	-0.273096	0.02833	158325732	158326372	158369240	15836971
60 NA19221	[2515685 chr1	1	162153292	162156182	2891	4	-4.694662	0.165539	162152935	162153650	162155733	16215663
61 NA19221	[2515685 chr1	1	172867061	172871882	4822	6	-0.435002	0.082596	172866720	172867402	172870192	17287357
62 NA19221	[2515685 chr1	1	192585537	192587907	2371	4	-0.664082	0.110518	192584855	192586219	192587682	19258813
63 NA19221	[2515685 chr1	1	193443035	193448393	5359	7	-0.620012	0.07933	193442791	193443280	193444156	19344863
64 NA19221	[2515685 chr1	1	193452077	193552515	100439	84	-1.167896	0.025303	193449476	193454678	193551981	19355305
65 NA19221	[2515685 chr1	1	193612043	193650443	38401	36	-0.44399	0.033725	193611792	193612295	193650245	19365064
66 NA19221	[2515685 chr1	1	204229515	204234080	4566	4	-0.747014	0.101161	204228648	204230383	204233127	20423503
67 NA19221	[2515685 chr1	1	218762650	218768272	5623	5	0.645843	0.090481	218762212	218763089	218767017	21876952
68 NA19221	[2515685 chr1	1	233202665	233204956	2292	42	-0.457444	0.031218	233202312	233203018	233204364	23320554
69 NA19221	[2515685 chr1	1	234289921	234291988	2068	3	0.626282	0.116809	234289605	234290238	234291759	23429221
70 NA19221	[2515685 chr1	1	236719047	236720968	1922	3	-0.899282	0.11681	236718751	236719344	236720749	23672118
71 NA19221	[2515685 chr1	1	239368545	239481893	113349	13	-0.453658	0.056113	239368239	239368851	239478614	23949135
72 NA19221	[2515685 chr1	1	244943351	244944075	725	2	0.909067	0.143061	244943115	244943587	244943712	24494443
73 NA19221	[2515685 chr1	1	244960293	244962187	1895	3	0.715075	0.116809	244959817	244960769	244961807	24496256
74 NA19221	[2515685 chr1	1	245053742	245055036	1295	2	-3.333809	0.308435	245053467	245054017	245054669	24505540
75 NA19221	[2515685 chr1	1	245065841	245077953	12113	5	-1.516052	0.098555	245065663	245066019	245076149	24507975
76 NA19221	[2515685 chr1	1	245080091	245121920	41830	47	-3.172109	0.043396	245079757	245080426	245121605	24512223
77 NA19221	[2515685 chr1	1	245126671	245127478	808	2	0.909068	0.143061	245126313	245127029	245127154	24512780
78 NA19221	[2515685 chr2	2	296456	298925	2470	8	-0.56441	0.071531	296213	296699	298661	299185
79 NA19221	[2515685 chr2	2	4400453	4403725	3273	4	0.511269	0.101159	4399959	4400947	4403206	440424
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84 NA19221	[2515685 chr2	2	13660311	13669994	9684	14	-0.291724	0.055445	13660120	13660502	13669696	1367029
85 NA19221	[2515685 chr2	2	34606439	34644770	38332	39	0.792072	0.032783	34601818	34609397	34641812	3464839
86 NA19221	[2515685 chr2	2	35492615	35529746	37132	37	-0.992462	0.033846	35491400	35493831	35527391	3553210
87 NA19221	[2515685 chr2	2	35962678	35963578	901	2	-0.746401	0.145487	35962370	35962986	35963398	3596375
88 NA19221	[2515685 chr2	2	52709754	52711487	1734	5	0.460847	0.09048	52709451	52710057	52711281	5271169
89 NA19221	[2515685 chr2	2	55837914	55844424	6511	4	0.716617	0.10116	55836848	55838980	55842812	5584603
90 NA19221	[2515685 chr2	2	56149788	56154834	5047	7	-0.418266	0.07756	56149152	56150425	56154416	5615525
91 NA19221	[2515685 chr2	2	56563619	56567381	3763	2	4.553801	0.266003	56565659	56566577	56567035	5656772
92 NA19221	[2515685 chr2	2	73922476	73948487	26012	42	-0.494098	0.031545	73922222	73922730	73948060	7394891
93 NA19221	[2515685 chr2	2	78209922	78212440	2519	4	-0.591068	0.104928	78209683	78210162	78212256	7821262
94 NA19221	[2515685 chr2	2	87488932	87497574	8643	10	0.37896	0.063979	87487289	87490576	87496929	8749822
95 NA19221	[2515685 chr2	2	87810218	87816797	6580	11	0.439024	0.061001	87809943	87810494	87816577	8781701
96 NA19221	[2515685 chr2	2	91163362	91173255	9894	16	0.323239	0.05058	91163145	91163579	91173240	9117327
97 NA19221	[2515685 chr2	2	91264557	91273380	8824	21	0.32205	0.04415	91264355	91264760	91270509	9127625
98 NA19221	[2515685 chr2	2	91294608	91296867	2260	10	0.368843	0.063979	91294465	91294751	91296803	9129693
99 NA19221	[2515685 chr2	2	91449919	91468383	18465	12	0.319871	0.058404	91449791	91450048	91468261	9146850
100 NA19221	[2515685 chr2	2	94850556	94871889	21334	11	0.494577	0.061001	94850330	94850783	94869597	9487418
101 NA19221	[2515685 chr2	2	95843510	95894621	51112	16	0.380003	0.05058	95793351	95846468	95894525	9589471
102 NA19221	[2515685 chr2	2	97613796	97614932	1137	2	1.732699	0.147731	97613553	97614040	97614467	9761539
103 NA19221	[2515685 chr2	2	97678698	97701820	23123	30	0.318275	0.036938	97677320	97680077	97701458	9770218
104 NA19221	[2515685 chr2	2	113797401	113798695	1295	3	0.764509	0.116808	113797105	113797698	113798352	11379903
105 NA19221	[2515685 chr2	2	114028006	114028857	852	7	0.575091	0.076469	114027870	114028143	114028311	11402940
106 NA19221	[2515685 chr2	2	114046138	114078067	31930	62	0.39878	0.025695	114046071	114046206	114075312	11408082
107 NA19221	[2515685 chr2	2	126159437	126168349	8913	3	-3.383727	0.165628	126158494	126160381	126168048	12616865
108 NA19221	[2515685 chr2	2	129229413	129230774	1362	2	-1.507854	0.143794	129229234	129229593	129230356	12923119
109 NA19221	[2515685 chr2	2	130348901	130354377	5477	9	-0.45534	0.06763	130348725	130349078	130354072	13035468
110 NA19221	[2515685 chr2	2	130420955	130425589	4635	3	-1.021247	0.11681	130420630	130421281	130423487	13042769
111 NA19221	[2515685 chr2	2	130502777	130510591	7815	9	-0.442808	0.067963	130502508	130503047	130510512	13051067
112 NA19221	[2515685 chr2	2	130525542	130530964	5423	6	0.434109	0.082596	130525010	130526075	130528769	13053316
113 NA19221	[2515685 chr2	2	130757537	130759877	2341	5	0.500032	0.09048	130757071	130758004	130759469	13076028

114 NA19221	[2515685 chr2	2	130916731	130921410	4680	7	0.38766	0.076469	130916351	130917112	130918946	13092387
115 NA19221	[2515685 chr2	2	131415651	131417381	1731	3	0.616231	0.116809	131415479	131415824	131417181	13141758
116 NA19221	[2515685 chr2	2	131980965	131984033	3069	5	0.564172	0.09048	131980708	131981222	131983828	13198423
117 NA19221	[2515685 chr2	2	132092076	132136830	44755	50	0.286231	0.028613	132091710	132092442	132136199	13213746
118 NA19221	[2515685 chr2	2	132418349	132433170	14822	21	0.261432	0.04415	132417867	132418832	132431929	13243441
119 NA19221	[2515685 chr2	2	132843959	132881178	37220	35	0.465443	0.034198	132843722	132844196	132880751	13288160
120 NA19221	[2515685 chr2	2	133114116	133142381	28266	22	0.526382	0.043135	133113550	133114682	133142082	13314268
121 NA19221	[2515685 chr2	2	146694140	146710744	16605	17	0.787976	0.050678	146688620	146697098	146710557	14671093
122 NA19221	[2515685 chr2	2	152258845	152288911	30067	28	-0.481903	0.038234	152195576	152261803	152288671	15228915
123 NA19221	[2515685 chr2	2	153622711	153625256	2546	3	0.932886	0.116809	153621175	153624247	153625088	15362542
124 NA19221	[2515685 chr2	2	203121095	203138582	17488	19	-1.117233	0.047983	203120801	203121389	203138142	20313902
125 NA19221	[2515685 chr2	2	208176479	208184457	7979	7	0.907787	0.076469	208176093	208176865	208183930	20818498
126 NA19221	[2515685 chr2	2	228717927	228730812	12886	3	-0.908463	0.116809	228715615	228720239	228730139	22873148
127 NA19221	[2515685 chr2	2	242167097	242168694	1598	2	0.844096	0.143061	242166791	242167403	242168459	24216892
128 NA19221	[2515685 chr2	2	242456177	242507534	51358	59	0.370174	0.02634	242455959	242456396	242507284	24250778
129 NA19221	[2515685 chr2	2	242664580	242668683	4104	10	0.566872	0.063979	242664284	242664877	242668532	24266883
130 NA19221	[2515685 chr3	3	1007642	1024488	16847	12	-1.044898	0.058456	1006948	1008336	1020832	104268!
131 NA19221	[2515685 chr3	3	1317772	1344699	26928	28	-0.277876	0.038486	1317099	1318446	1344365	134503!
132 NA19221	[2515685 chr3	3	1757211	1765714	8504	2	0.958783	0.14306	1756096	1758327	1762058	179730!
133 NA19221	[2515685 chr3	3	46398894	46415390	16497	16	0.322713	0.05058	46398134	46399655	46415063	4641571!
134 NA19221	[2515685 chr3	3	46682422	46711486	29065	44	0.255418	0.030501	46682173	46682671	46711250	4671172!
135 NA19221	[2515685 chr3	3	46770617	46826525	55909	14	-0.708285	0.054538	46770172	46771063	46826330	4682672!
136 NA19221	[2515685 chr3	3	47797742	47799322	1581	5	0.482558	0.09048	47797610	47797874	47799000	4779964!
137 NA19221	[2515685 chr3	3	76861449	76863483	2035	9	0.379289	0.067439	76860987	76861912	76862761	7686420!
138 NA19221	[2515685 chr3	3	105577054	105578323	1270	2	-0.72189	0.143489	105576616	105577493	10557921	10557872
139 NA19221	[2515685 chr3	3	116139491	116150630	11140	12	-1.124747	0.058951	116137943	116141040	116146974	11615548
140 NA19221	[2515685 chr3	3	127155656	127158873	3218	5	-0.54075	0.09048	127155390	127155923	127158237	12715950
141 NA19221	[2515685 chr3	3	129686489	129701459	14971	20	0.27366	0.04524	129686035	129686943	129701103	12970181
142 NA19221	[2515685 chr3	3	129809792	129820879	11088	14	0.310841	0.054072	129809255	129810330	129820228	12982153
143 NA19221	[2515685 chr3	3	139091272	139127292	36021	24	-0.275042	0.042233	139090977	139091568	139126951	13912763
144 NA19221	[2515685 chr3	3	163994592	164108502	113911	109	0.436244	0.048001	163993392	163995793	164108018	16410898
145 NA19221	[2515685 chr3	3	169035760	169039790	4031	3	-0.684366	0.120634	169035430	169036090	169039290	16904029
146 NA19221	[2515685 chr3	3	169045949	169048530	2582	2	-0.766565	0.143061	169045091	169046808	169047495	16904956
147 NA19221	[2515685 chr3	3	177466478	177474762	8285	5	-0.498023	0.09048	177459600	177470134	177474415	17747511
148 NA19221	[2515685 chr3	3	178862991	178872364	9374	2	-0.742104	0.143061	178859732	178866251	178871958	17887277
149 NA19221	[2515685 chr3	3	190846156	190852181	6026	4	-1.012804	0.101161	190845504	190846809	190850598	19085376
150 NA19221	[2515685 chr3	3	191219813	191223326	3514	4	0.858792	0.101159	191219291	191220336	191229218	19122373
151 NA19221	[2515685 chr3	3	192477903	192492729	14827	13	-0.323837	0.058507	192477476	192478331	192491309	19249414
152 NA19221	[2515685 chr3	3	192547312	192554331	7020	10	0.96475	0.063969	192546950	192547674	192554127	19255453
153 NA19221	[2515685 chr3	3	194357854	194368035	10182	12	2.670605	0.08735	194357665	194358044	194367817	19436825
154 NA19221	[2515685 chr3	3	194883325	194885627	2303	2	-0.739197	0.143061	194881986	194884665	194885401	19488585
155 NA19221	[2515685 chr3	3	196041653	196050096	8444	9	-0.82996	0.067439	196041317	196041990	196049206	19605098
156 NA19221	[2515685 chr3	3	196692261	196713768	21508	27	-0.381553	0.038936	196692122	196692400	196711768	19671576
157 NA19221	[2515685 chr3	3	196879796	196897357	17562	27	-0.279106	0.038936	196879715	196879878	196897150	19689756
158 NA19221	[2515685 chr3	3	196901406	196938361	36956	33	-0.497276	0.03522	196900665	196902147	196937706	19693901
159 NA19221	[2515685 chr3	3	196965074	196966359	1286	2	-0.758126	0.143061	196964655	196965494	196966111	19696660
160 NA19221	[2515685 chr3	3	196991681	197002965	11285	19	0.717098	0.046415	196991423	196991939	197002044	19700388
161 NA19221	[2515685 chr3	3	198422794	198427408	4615	2	0.950748	0.143061	198422381	198423207	198423959	19843085
162 NA19221	[2515685 chr3	3	198589057	198591708	2652	3	0.664223	0.116809	198587852	198590262	198591156	19859226
163 NA19221	[2515685 chr3	3	198651295	198653980	2686	13	-0.281347	0.056113	198651255	198651335	198653743	19865421
164 NA19221	[2515685 chr3	3	199218619	199221999	3381	12	0.473714	0.058405	199218354	199218884	199220440	19922355
165 NA19221	[2515685 chr4	4	33716	39037	5322	6	-0.430059	0.082596	33384	34048	36636	41439
166 NA19221	[2515685 chr4	4	686885	691421	4537	4	0.663292	0.10116	686527	687244	690888	691955
167 NA19221	[2515685 chr4	4	3475077	3504800	29724	30	0.348545	0.036938	3474503	3475651	3504307	350529!
168 NA19221	[2515685 chr4	4	3504800	3511640	6841	9	0.888477	0.06744	3504307	3505294	3511385	351189!

169 NA19221	[2515685 chr4	4	3516700	3602811	86112	114	0.266132	0.018957	3516459	3516942	3602767	3602856
170 NA19221	[2515685 chr4	4	8739800	8756339	16540	25	0.610355	0.040464	8739551	8740049	8755866	8756813
171 NA19221	[2515685 chr4	4	8998167	9046719	48553	87	1.02384	0.021691	8850774	9001243	9046129	9047305
172 NA19221	[2515685 chr4	4	9812346	9813108	763	33	2.089463	0.03522	9812284	9812408	9812952	9813265
173 NA19221	[2515685 chr4	4	9887220	9911397	24178	30	3.199166	0.056348	9886886	9887555	9910388	9912407
174 NA19221	[2515685 chr4	4	21045633	21053532	7900	8	-0.996019	0.073367	21045231	21046035	21053115	21053956
175 NA19221	[2515685 chr4	4	22339305	22343194	3890	5	-1.051854	0.093348	22338950	22339660	22342440	22343945
176 NA19221	[2515685 chr4	4	34174420	34175437	1018	2	-0.881141	0.143061	34174211	34174630	34175229	34175644
177 NA19221	[2515685 chr4	4	34602797	34650994	48198	44	0.76898	0.030892	34601994	34603600	34649535	34652454
178 NA19221	[2515685 chr4	4	34683463	34721205	37743	37	-0.28962	0.033376	34683217	34683710	34720219	34722194
179 NA19221	[2515685 chr4	4	44846553	44852241	5689	7	-0.459696	0.077071	44846404	44846702	44851938	44852544
180 NA19221	[2515685 chr4	4	49057020	49075131	18112	10	0.3974	0.063979	49056876	49057164	49074344	49075915
181 NA19221	[2515685 chr4	4	57975770	57979866	4097	5	-0.532858	0.09048	57975552	57975989	57979557	57980175
182 NA19221	[2515685 chr4	4	64536286	64549293	13008	7	-0.396116	0.076469	64536001	64536571	64546627	64551955
183 NA19221	[2515685 chr4	4	69202095	69319814	117720	69	1.864556	0.030621	69201955	69202236	69319569	69320055
184 NA19221	[2515685 chr4	4	69319814	69364278	44465	42	0.487783	0.031218	69319569	69320059	69363702	69364855
185 NA19221	[2515685 chr4	4	69670323	69720498	50176	56	0.446766	0.027163	69670283	69670364	69717422	69734215
186 NA19221	[2515685 chr4	4	92289320	92292975	3656	2	0.829187	0.143061	92199954	92292396	92292781	92293171
187 NA19221	[2515685 chr4	4	92324338	92366156	41819	45	-0.256009	0.030547	92323778	92324899	92365952	92366361
188 NA19221	[2515685 chr4	4	104554759	104606587	51829	51	-0.88901	0.028648	104548793	104557835	104606362	10460681
189 NA19221	[2515685 chr4	4	115865203	115869491	4289	3	-1.082737	0.11681	115864913	115865494	115866415	11587556
190 NA19221	[2515685 chr4	4	119592572	119600980	8409	10	-0.350509	0.063979	119592179	119592966	119600423	11960153
191 NA19221	[2515685 chr4	4	122639779	122647776	7998	6	-1.003963	0.082597	122639003	122640555	122647404	12264814
192 NA19221	[2515685 chr4	4	122651709	122654116	2408	2	-0.766416	0.152894	122651102	122652317	122653038	12265519
193 NA19221	[2515685 chr4	4	131541096	131555222	14127	2	-0.749362	0.143061	131539254	131542939	131552146	13162968
194 NA19221	[2515685 chr4	4	132479128	132481065	1938	32	-0.39895	0.035765	132478081	132480175	132480937	13248119
195 NA19221	[2515685 chr4	4	133000684	133043320	42637	23	0.608417	0.042187	132999479	133001890	133042031	13304460
196 NA19221	[2515685 chr4	4	133099557	133101443	1887	3	-0.643634	0.116809	133099343	133099772	133101236	13310165
197 NA19221	[2515685 chr4	4	138537751	138549906	12156	13	0.786162	0.060907	138537443	138538059	138547414	13855239
198 NA19221	[2515685 chr4	4	142588136	142590500	2365	4	-0.877217	0.101116	142587774	142588498	142590303	14259069
199 NA19221	[2515685 chr4	4	145143672	145362574	218903	216	-0.420306	0.013869	145143319	145144025	145362148	14536300
200 NA19221	[2515685 chr4	4	162237272	162242562	5291	8	0.89223	0.071531	162236487	162238058	162242381	16224274
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202 NA19221	[2515685 chr4	4	169183401	169368370	184970	161	0.767139	0.016152	169182712	169184090	169366713	16937002
203 NA19221	[2515685 chr4	4	173363594	173367718	4125	6	-1.076848	0.082596	173362583	173364606	173367283	17336815
204 NA19221	[2515685 chr4	4	184101855	184125019	23165	15	0.266119	0.052239	184101506	184102205	184124432	18412560
205 NA19221	[2515685 chr4	4	185532106	185544849	12744	13	0.876853	0.056113	185531516	185532696	185543276	18554642
206 NA19221	[2515685 chr4	4	186816666	186819359	2694	4	4.935171	0.215197	186816420	186816912	186819049	18681967
207 NA19221	[2515685 chr4	4	187728494	187732907	4414	15	2.84645	0.064083	187728193	187728795	187732541	18773327
208 NA19221	[2515685 chr4	4	190528602	190533163	4562	21	-0.877224	0.04415	190528058	190529146	190531664	19053466
209 NA19221	[2515685 chr4	4	191142404	191143596	1193	3	0.607359	0.116809	191142135	191142673	191143215	19114397
210 NA19221	[2515685 chr5	5	261631	267968	6338	23	0.678664	0.042186	261032	262230	267662	268274
211 NA19221	[2515685 chr5	5	520743	521684	942	5	0.843542	0.09048	520428	521059	521427	521942
212 NA19221	[2515685 chr5	5	801452	872349	70898	75	0.318038	0.023362	800974	801930	872083	872616
213 NA19221	[2515685 chr5	5	1075284	1079920	4637	24	1.253539	0.041299	1074709	1075859	1079566	1080275
214 NA19221	[2515685 chr5	5	1122995	1127700	4706	40	0.736763	0.031989	1122772	1123219	1127215	1128186
215 NA19221	[2515685 chr5	5	3645611	3661195	15585	18	0.283957	0.047687	3645186	3646036	3660766	3661624
216 NA19221	[2515685 chr5	5	9872544	9888338	15795	20	-0.25647	0.045267	9872148	9872940	9888032	9888645
217 NA19221	[2515685 chr5	5	13031439	13033620	2182	2	-0.735913	0.143061	13030807	13032072	13033070	13034171
218 NA19221	[2515685 chr5	5	19410747	19412172	1426	3	0.762333	0.120975	19410189	19411305	19411980	19412361
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220 NA19221	[2515685 chr5	5	21483394	21488147	4754	4	-0.993719	0.10116	21480817	21485972	21487855	21488435
221 NA19221	[2515685 chr5	5	21513408	21517092	3685	7	-0.420611	0.076469	21513105	21513711	21516899	21517285
222 NA19221	[2515685 chr5	5	21886827	21891927	5101	7	-0.399384	0.076477	21886585	21887069	21891637	21892215
223 NA19221	[2515685 chr5	5	26812489	26816432	3944	5	-0.528162	0.091845	26812294	26812684	26815639	26817225

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227 NA19221	[2515685 chr5	5	69347553	69432145	84593	84	0.326454	0.022116	69347241	69347865	69432145	69432141
228 NA19221	[2515685 chr5	5	69844096	69847700	3605	7	-0.447535	0.076469	69844026	69844167	69847577	69847821
229 NA19221	[2515685 chr5	5	70222635	70307589	84955	84	0.334562	0.022075	70222323	70222947	70307589	70307591
230 NA19221	[2515685 chr5	5	70403953	70431922	27970	45	0.450571	0.03016	70403337	70404569	70431095	70432741
231 NA19221	[2515685 chr5	5	81459203	81466065	6863	2	-1.731607	0.145677	81455614	81462405	81462863	81470281
232 NA19221	[2515685 chr5	5	95345499	95346822	1324	2	-0.933245	0.159518	95345196	95345802	95346458	95347181
233 NA19221	[2515685 chr5	5	97427204	97428353	1150	2	-4.189563	0.245689	97426913	97427496	97428177	97428521
234 NA19221	[2515685 chr5	5	99410013	99412027	2015	3	-0.619798	0.116809	99409789	99410237	99411772	99412281
235 NA19221	[2515685 chr5	5	99414935	99419037	4103	6	-0.534886	0.082596	99414604	99415267	99418328	99419741
236 NA19221	[2515685 chr5	5	103531112	103532090	979	2	-0.719373	0.143061	103530858	103531366	103531820	10353236
237 NA19221	[2515685 chr5	5	104847353	104849319	1967	4	-0.629148	0.107049	104847112	104847594	104849147	10484949
238 NA19221	[2515685 chr5	5	109794290	109801944	7655	5	-0.588309	0.096652	109793976	109794605	109801781	10980210
239 NA19221	[2515685 chr5	5	115547704	115569695	21992	19	-0.301104	0.046415	115547417	115547991	115569527	11556986
240 NA19221	[2515685 chr5	5	137834442	137844134	9693	9	0.714227	0.068415	137834139	137834745	137843310	13784495
241 NA19221	[2515685 chr5	5	140196516	140200983	4468	7	-0.968227	0.07691	140195973	140197059	140200638	14020132
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243 NA19221	[2515685 chr5	5	140217091	140218928	1838	2	1.274335	0.158675	140216552	140217631	140218508	14021934
244 NA19221	[2515685 chr5	5	150258078	150263668	5591	8	-0.362185	0.071531	150257795	150258362	150263222	15026411
245 NA19221	[2515685 chr5	5	157041613	157043994	2382	3	0.62962	0.116809	157041103	157042123	157043747	15704424
246 NA19221	[2515685 chr5	5	165157996	165161604	3609	2	-0.852214	0.143061	165155280	165160712	165160802	16516240
247 NA19221	[2515685 chr5	5	175326990	175328798	1809	3	0.605069	0.116809	175326756	175327224	175328287	17532930
248 NA19221	[2515685 chr5	5	175547133	175554481	7349	10	0.429348	0.063979	175546842	175547424	175554034	17555492
249 NA19221	[2515685 chr5	5	180306298	180364542	58245	61	0.659756	0.025916	180305337	180307260	180364327	18036475
250 NA19221	[2515685 chr6	6	3163	18689	15527	4	0.546853	0.101159	1	6325	15669	21709
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252 NA19221	[2515685 chr6	6	26837409	26880645	43237	98	0.255145	0.020438	26837337	26837482	26880573	26880711
253 NA19221	[2515685 chr6	6	29954251	30068966	114716	113	0.592563	0.019134	29950833	29957670	30068538	30069391
254 NA19221	[2515685 chr6	6	30760824	30763127	2304	3	0.615984	0.116809	30760078	30761571	30762846	30763401
255 NA19221	[2515685 chr6	6	31346265	31348610	2346	4	0.563877	0.101159	31345931	31346599	31348304	31348911
256 NA19221	[2515685 chr6	6	31430860	31435064	4205	6	0.477161	0.082596	31430692	31431029	31433969	31436151
257 NA19221	[2515685 chr6	6	31478675	31489314	10640	12	0.376558	0.058404	31478513	31478838	31488893	31489731
258 NA19221	[2515685 chr6	6	31975233	31979322	4090	6	0.440416	0.082596	31974748	31975718	31978975	31979661
259 NA19221	[2515685 chr6	6	32547042	32548906	1865	3	0.633899	0.116809	32546557	32547528	32548757	32549051
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261 NA19221	[2515685 chr6	6	32565102	32586862	21761	3	-2.644075	0.231495	32564888	32565316	32586127	32587591
262 NA19221	[2515685 chr6	6	32593630	32595188	1559	3	0.631171	0.116809	32593179	32594082	32594949	32595421
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264 NA19221	[2515685 chr6	6	32605125	32605958	834	2	-3.509451	0.217581	32604923	32605328	32605760	32606151
265 NA19221	[2515685 chr6	6	32605958	32617052	11095	7	-0.455907	0.076469	32605760	32606156	32613543	32626571
266 NA19221	[2515685 chr6	6	32626799	32628234	1436	2	-0.738227	0.143061	32626571	32627027	32627886	32628581
267 NA19221	[2515685 chr6	6	32631127	32632349	1223	2	-1.357378	0.165055	32630911	32631343	32632089	32632611
268 NA19221	[2515685 chr6	6	32644822	32651918	7097	5	0.785427	0.112625	32644460	32645184	32651147	32652681
269 NA19221	[2515685 chr6	6	32653862	32655482	1621	2	2.035296	0.180605	32653679	32654046	32654980	32655981
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271 NA19221	[2515685 chr6	6	32678696	32680751	2056	3	0.627892	0.116809	32678507	32678885	32680547	32680951
272 NA19221	[2515685 chr6	6	32737263	32744343	7081	11	0.899574	0.065079	32737093	32737434	32744136	32744551
273 NA19221	[2515685 chr6	6	54036900	54042384	5485	5	4.135895	0.16577	54036573	54037227	54041771	54042991
274 NA19221	[2515685 chr6	6	68311037	68317946	6910	2	-1.204974	0.14306	68308129	68313946	68314437	68327551
275 NA19221	[2515685 chr6	6	68343526	68362786	19261	12	-0.417057	0.059141	68343271	68343782	68362554	68363011
276 NA19221	[2515685 chr6	6	77495034	77513520	18487	12	0.788156	0.060884	77493568	77496500	77510011	77517691
277 NA19221	[2515685 chr6	6	78986700	78988530	1831	4	-0.586497	0.101158	78986537	78986864	78988241	78988811
278 NA19221	[2515685 chr6	6	79023318	79093263	69946	70	0.772539	0.024681	79022028	79024609	79091909	79094611



279 NA19221	[2515685 chr6	6	103844685	103871201	26517	17	3.532213	0.083122	103844347	103845023	103868241	10387416
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284 NA19221	[2515685 chr6	6	120671191	120671916	726	2	1.573864	0.143063	120670696	120671686	120671725	12067210
285 NA19221	[2515685 chr6	6	132067697	132257375	189679	11	-0.422793	0.061002	132048222	132071206	132253866	13236279
286 NA19221	[2515685 chr6	6	160690579	160707020	16442	8	0.388269	0.071531	160689749	160691409	160705875	16070816
287 NA19221	[2515685 chr6	6	161000832	161038819	37988	64	0.327524	0.025286	161000498	161001167	161038605	16103903
288 NA19221	[2515685 chr6	6	162335978	162339853	3876	5	-0.462507	0.09048	162335663	162336294	162339133	16234057
289 NA19221	[2515685 chr6	6	162466674	162477003	10330	8	-1.076487	0.072126	162466282	162467067	162476571	16247743
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291 NA19221	[2515685 chr6	6	167551513	167561964	10452	13	0.314536	0.056113	167551089	167551937	167561496	16756243
292 NA19221	[2515685 chr6	6	168535543	168537360	1818	12	0.566685	0.058404	168535263	168535824	168537100	16853762
293 NA19221	[2515685 chr6	6	170603879	170604666	788	2	-0.807905	0.14306	170603541	170604217	170604339	17060499
294 NA19221	[2515685 chr6	6	170625506	170627028	1523	3	1.450049	0.11681	170625015	170625997	170626579	17062747
295 NA19221	[2515685 chr6	6	170689560	170694780	5221	18	0.418793	0.047687	170689182	170689938	170694493	17069506
296 NA19221	[2515685 chr7	7	1084125	1088166	4042	16	0.757762	0.050579	1083752	1084499	1087449	1088883
297 NA19221	[2515685 chr7	7	1265663	1296497	30835	38	0.339016	0.03282	1265358	1265968	1296270	1296724
298 NA19221	[2515685 chr7	7	3165834	3224811	58978	60	-0.890221	0.026553	3165205	3166463	3224579	3225043
299 NA19221	[2515685 chr7	7	3384111	3392465	8355	8	0.921792	0.071531	3383451	3384772	3390107	3395615
300 NA19221	[2515685 chr7	7	5059270	5136416	77147	17	0.326342	0.04907	5031194	5061628	5134058	5191214
301 NA19221	[2515685 chr7	7	5784187	5791034	6848	13	0.381748	0.056113	5783317	5785058	5790597	5791477
302 NA19221	[2515685 chr7	7	6559523	6568102	8580	14	0.317864	0.054072	6559048	6559999	6567899	6568306
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304 NA19221	[2515685 chr7	7	38159778	38170480	10703	10	-0.487255	0.063979	38159476	38160081	38170113	3817084
305 NA19221	[2515685 chr7	7	43770898	43943932	173035	113	0.517364	0.019033	43768995	43772802	43941574	4402006
306 NA19221	[2515685 chr7	7	56652639	56668797	16159	12	0.381237	0.058404	56652228	56653051	56668252	5666934
307 NA19221	[2515685 chr7	7	57637083	57648467	11385	7	0.527559	0.076469	57634979	57639188	57647779	5764915
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310 NA19221	[2515685 chr7	7	62333811	62342506	8696	44	0.291564	0.030501	62333683	62333940	62340148	6235120
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313 NA19221	[2515685 chr7	7	64032682	64045487	12806	37	-0.40014	0.033261	64032499	64032865	64045069	6404590
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316 NA19221	[2515685 chr7	7	64544321	64556662	12342	35	-0.384341	0.034198	64544040	64544602	64556244	6455708
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318 NA19221	[2515685 chr7	7	66179770	66197145	17376	40	0.319524	0.031989	66179566	66179975	66196864	6619742
319 NA19221	[2515685 chr7	7	69866390	69871056	4667	6	2.072238	0.09286	69865412	69867368	69870420	6987169
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322 NA19221	[2515685 chr7	7	72069083	72099749	30667	85	0.253135	0.021945	72068742	72069425	72099358	7210014
323 NA19221	[2515685 chr7	7	73597255	73600095	2841	13	0.297526	0.056113	73597026	73597485	73599977	7360021
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444 NA19221	[2515685 chr9	9	67870462	67881932	11471	23	-0.252166	0.042186	67869806	67871119	67881894	67881971
445 NA19221	[2515685 chr9	9	67939767	67968498	28732	42	-0.299302	0.031218	67939545	67939990	67968408	6796858!
446 NA19221	[2515685 chr9	9	68116442	68145019	28578	48	-0.265729	0.029202	68116320	68116564	68144983	6814505!
447 NA19221	[2515685 chr9	9	76777070	76779384	2315	2	1.087373	0.144247	76776756	76777385	76778920	7677984!
448 NA19221	[2515685 chr9	9	87322023	87331476	9454	10	-0.349769	0.066781	87321647	87322400	87331188	8733176!
449 NA19221	[2515685 chr9	9	126059422	126066145	6724	9	0.477559	0.06744	126059121	126059724	126065919	12606637!
450 NA19221	[2515685 chr9	9	126599475	126601911	2437	3	0.681559	0.116809	126598552	126600399	126600685	12660313!
451 NA19221	[2515685 chr9	9	133596479	133608339	11861	16	0.379732	0.05058	133596185	133596774	133607852	13360882!
452 NA19221	[2515685 chr9	9	136676382	136930244	253863	247	0.266284	0.012873	136675721	136677043	136929944	13693054!
453 NA19221	[2515685 chr9	9	137015950	137032058	16109	19	0.354163	0.046415	137015695	137016206	137031309	13703280!
454 NA19221	[2515685 chr9	9	137473657	137490918	17262	22	0.375559	0.043135	137473537	137473778	137490636	13749120!
455 NA19221	[2515685 chr9	9	137620832	137622712	1881	5	0.608865	0.09048	137620242	137621422	137622576	13762284!
456 NA19221	[2515685 chr10	10	83788	123866	40079	34	0.280334	0.03477	83225	84352	123437	124295!
457 NA19221	[2515685 chr10	10	6693908	6704321	10414	9	0.805386	0.068198	6692231	6695585	6704008	670463!
458 NA19221	[2515685 chr10	10	20036833	20038315	1483	2	-0.902454	0.14306	20036464	20037202	20038007	2003862!
459 NA19221	[2515685 chr10	10	37488261	37529195	40935	62	-0.499337	0.025695	37487986	37488536	37528890	3752950!
460 NA19221	[2515685 chr10	10	37856225	37864434	8210	7	-0.794595	0.07944	37855807	37856644	37861684	3791733!
461 NA19221	[2515685 chr10	10	45494243	45517699	23457	60	-0.264651	0.026119	45494187	45494299	45517390	4551800!
462 NA19221	[2515685 chr10	10	45901105	45962292	61188	96	0.285242	0.020707	45900211	45901999	45962017	4596256!
463 NA19221	[2515685 chr10	10	46027310	46028671	1362	4	-0.55832	0.10116	46026904	46027717	46028466	4602887!
464 NA19221	[2515685 chr10	10	46101676	46600786	499111	863	-0.270986	0.004051	46101661	46101691	46600776	4660079!
465 NA19221	[2515685 chr10	10	46610029	46702144	92116	278	-0.270986	0.004051	46609739	46610319	466701888	4670240!
466 NA19221	[2515685 chr10	10	46711086	47174902	463817	479	-0.270986	0.004051	46711055	46711118	47174654	4717515!
467 NA19221	[2515685 chr10	10	47178367	47201977	23611	59	-0.270986	0.004051	47178360	47178374	47201688	4720226!
468 NA19221	[2515685 chr10	10	47503680	47824634	320955	382	-0.270986	0.004051	47502626	47504735	47824064	4782520!
469 NA19221	[2515685 chr10	10	47835813	47859332	23520	63	-0.270986	0.004051	47835757	47835869	47859043	4785962!
470 NA19221	[2515685 chr10	10	48005621	48010695	5075	9	0.337643	0.06744	48005200	48006042	48010323	4801106!
471 NA19221	[2515685 chr10	10	48288446	48349207	60762	95	0.276945	0.020757	48287551	48289341	48348932	4834948!
472 NA19221	[2515685 chr10	10	48414234	48417066	2833	6	-0.443843	0.082596	48413828	48414641	48416668	4841746!
473 NA19221	[2515685 chr10	10	48488814	48542632	53819	97	-0.319572	0.00914	48488592	48489036	48542442	4854282!
474 NA19221	[2515685 chr10	10	48554242	48584011	29770	95	-0.319572	0.00914	48553697	48554787	48583989	4858403!
475 NA19221	[2515685 chr10	10	48586485	48865591	279107	249	-0.319572	0.00914	48586154	48586817	48865564	4886561!
476 NA19221	[2515685 chr10	10	48887243	48907424	20182	54	-0.283568	0.027532	48886453	48888033	48907040	4890780!
477 NA19221	[2515685 chr10	10	48923270	48927636	4367	18	-0.489148	0.047687	48923088	48923452	48927550	4892772!
478 NA19221	[2515685 chr10	10	48931000	48937668	6669	21	-0.355153	0.04415	48930906	48931095	48937594	4893774!
479 NA19221	[2515685 chr10	10	48984793	48987579	2787	6	-0.4837	0.082596	48984432	48985154	48987181	4898797!
480 NA19221	[2515685 chr10	10	49018455	49024083	5629	12	0.314451	0.058404	49018856	49018856	49023584	4902458!
481 NA19221	[2515685 chr10	10	50894581	50916082	21502	53	-0.273967	0.027791	50894321	50894841	50915778	5091638!
482 NA19221	[2515685 chr10	10	51064781	51155987	91207	88	-0.302592	0.021567	51064677	51064885	51155796	5115617!
483 NA19221	[2515685 chr10	10	51186006	51187734	1729	2	-0.842928	0.143061	51185282	51186730	51187158	5118831!
484 NA19221	[2515685 chr10	10	51418700	51441846	23147	55	-0.26337	0.027281	51418509	51418891	51441420	5144227!
485 NA19221	[2515685 chr10	10	51580352	51581394	1043	2	2.568654	0.178845	51580153	51580551	51581064	5158172!
486 NA19221	[2515685 chr10	10	52088778	52131076	42299	20	0.259462	0.04524	52087892	52089664	52131068	5213108!
487 NA19221	[2515685 chr10	10	56117212	56139275	22064	20	-1.074761	0.045941	56115764	56118661	56138931	5613961!
488 NA19221	[2515685 chr10	10	59389778	59392606	2829	5	-0.494145	0.09048	59389518	59390039	59392183	5939303!
489 NA19221	[2515685 chr10	10	62097182	62098101	920	3	-0.907236	0.11681	62097051	62097313	62097872	6209833!
490 NA19221	[2515685 chr10	10	70943536	70945701	2166	2	0.864369	0.143061	70941950	70945122	70945524	7094587!
491 NA19221	[2515685 chr10	10	75103397	75127249	23853	32	-0.278834	0.035765	75102599	75104195	75126882	7512761!
492 NA19221	[2515685 chr10	10	80982478	81043786	61309	59	0.266889	0.02634	80982308	80982648	81043698	8104387!
493 NA19221	[2515685 chr10	10	81144645	81171190	26546	27	-0.323619	0.038936	81144276	81145014	81170995	8117138!
494 NA19221	[2515685 chr10	10	81464835	81493795	28961	26	-0.292916	0.039678	81464464	81465206	81491562	8149602!
495 NA19221	[2515685 chr10	10	88823459	88836422	12964	16	-0.321984	0.05058	88823233	88823685	88835452	8883739!
496 NA19221	[2515685 chr10	10	88866216	88962020	95805	105	-0.421231	0.019763	88865617	88866816	88961639	8896240!
497 NA19221	[2515685 chr10	10	88987140	89016296	29157	39	-0.314962	0.032397	88987076	88987204	89014572	8901802!
498 NA19221	[2515685 chr10	10	89159031	89179870	20840	37	-0.407472	0.033319	89158687	89159376	89179587	8918015!

499 NA19221	[2515685 chr10	10	89221150	89249961	28812	34	-0.317738	0.034697	89219426	89222875	89249436	89250487
500 NA19221	[2515685 chr10	10	114102241	114106477	4237	5	0.836218	0.090479	114101694	114102788	114105867	114107080
501 NA19221	[2515685 chr10	10	124331349	124371112	39764	45	0.315273	0.03016	124330248	124332451	124370524	124371700
502 NA19221	[2515685 chr10	10	134168766	134170259	1494	17	-1.372088	0.049062	134168524	134169008	134170097	134170420
503 NA19221	[2515685 chr10	10	134924761	134940785	16025	33	0.48296	0.035219	134924706	134924816	134940155	134941410
504 NA19221	[2515685 chr10	10	135033449	135056081	22633	23	0.36528	0.042186	135032265	135034633	135055747	135056410
505 NA19221	[2515685 chr10	10	135363859	135389814	25956	24	0.346379	0.041298	135363643	135364076	135387500	135392120
506 NA19221	[2515685 chr11	11	765938	824881	58944	62	0.33894	0.025695	765539	766338	824514	825248
507 NA19221	[2515685 chr11	11	1186336	1240807	54472	61	0.328725	0.025904	1186024	1186649	1240287	1241328
508 NA19221	[2515685 chr11	11	2999672	3181877	182206	5	-0.575239	0.090481	2949255	3002762	3179993	3183760
509 NA19221	[2515685 chr11	11	3596686	3602209	5524	7	0.405441	0.076469	3596097	3597275	3601914	3602500
510 NA19221	[2515685 chr11	11	3628748	3632795	4048	6	-2.288067	0.084909	3625722	3631775	3632594	3632996
511 NA19221	[2515685 chr11	11	4498436	4515898	17463	4	-0.599607	0.106699	4497766	4499106	4515720	4516070
512 NA19221	[2515685 chr11	11	4873771	4877621	3851	3	-0.616339	0.119055	4873319	4874224	4877356	4877880
513 NA19221	[2515685 chr11	11	4924115	4932599	8485	9	0.521997	0.06744	4923827	4924403	4931948	4933250
514 NA19221	[2515685 chr11	11	5741269	5765993	24725	32	2.526069	0.053805	5741059	5741480	5765632	5766350
515 NA19221	[2515685 chr11	11	5828009	5843042	15034	13	-0.855539	0.056113	5827813	5828206	5839952	5849170
516 NA19221	[2515685 chr11	11	11831868	11833089	1222	2	0.988754	0.168498	11831412	11832324	11832853	11833320
517 NA19221	[2515685 chr11	11	18888865	18890116	1252	4	0.514754	0.10116	18888753	18888978	18889854	18890370
518 NA19221	[2515685 chr11	11	18903443	18923029	19587	29	1.133176	0.037931	18897800	18906533	18919939	18928450
519 NA19221	[2515685 chr11	11	28965605	28969186	3582	5	4.328743	0.172492	28965284	28965927	28968702	28969670
520 NA19221	[2515685 chr11	11	48284073	48284771	699	2	1.108889	0.14306	48283862	48284285	48284572	48284970
521 NA19221	[2515685 chr11	11	49040083	49044447	4365	7	-0.406623	0.076469	49039543	49040624	49044344	49044550
522 NA19221	[2515685 chr11	11	49665830	49715838	50009	36	0.433944	0.033905	49665251	49666410	49712748	49721980
523 NA19221	[2515685 chr11	11	55124643	55212658	88016	98	-0.896901	0.020879	55124460	55124827	55209568	55215750
524 NA19221	[2515685 chr11	11	60722802	60776576	53775	71	0.350174	0.024043	60722435	60723170	60776342	60776810
525 NA19221	[2515685 chr11	11	67511469	67576043	64575	88	0.267809	0.021567	67509455	67513484	67575712	67576370
526 NA19221	[2515685 chr11	11	73815147	73817979	2833	2	-0.798684	0.143061	73812981	73817313	73817746	73818210
527 NA19221	[2515685 chr11	11	90533917	90537948	4032	5	-0.676305	0.090738	90533689	90534146	90537532	90538360
528 NA19221	[2515685 chr11	11	93323966	93328851	4886	5	-0.910695	0.091089	93323530	93324402	93328208	93329490
529 NA19221	[2515685 chr11	11	106744846	106751061	6216	9	-0.971599	0.070445	106744561	106745131	106747971	106754830
530 NA19221	[2515685 chr11	11	134107699	134112290	4592	5	0.907734	0.094733	134106591	134108808	134111845	134112730
531 NA19221	[2515685 chr12	12	18973	25210	6238	5	0.548258	0.09048	18651	19295	24634	25786
532 NA19221	[2515685 chr12	12	736840	744802	7963	9	1.004251	0.067439	736616	737064	744211	745390
533 NA19221	[2515685 chr12	12	2112534	2127840	15307	16	0.795314	0.051017	2109107	2115961	2127279	2128400
534 NA19221	[2515685 chr12	12	6113530	6118188	4659	4	0.806411	0.102226	6111640	6115421	6117816	6118560
535 NA19221	[2515685 chr12	12	8262986	8271843	8858	20	0.313443	0.045239	8262374	8263598	8271580	8272100
536 NA19221	[2515685 chr12	12	9758595	9762321	3727	2	0.782987	0.143061	9757260	9759931	9760866	9763770
537 NA19221	[2515685 chr12	12	10456187	10491900	35714	21	-0.484754	0.044914	10423567	10459687	10488400	10553940
538 NA19221	[2515685 chr12	12	11072324	11142012	69689	85	-0.449072	0.022012	11071841	11072807	11141608	11142410
539 NA19221	[2515685 chr12	12	11169527	11183611	14085	15	-0.307136	0.052238	11169350	11169704	11183009	11184210
540 NA19221	[2515685 chr12	12	11398899	11463223	64325	65	-0.382785	0.025103	11398591	11399207	11459990	11466450
541 NA19221	[2515685 chr12	12	18279045	18284518	5474	5	-1.016965	0.091262	18273452	18282545	18284366	18284670
542 NA19221	[2515685 chr12	12	20922047	20926114	4068	16	-0.296241	0.05257	20921878	20922216	20925892	20926330
543 NA19221	[2515685 chr12	12	30286785	30295818	9034	7	-0.505873	0.081007	30285726	30287845	30295621	30296010
544 NA19221	[2515685 chr12	12	31225531	31229101	3571	5	-0.62921	0.10907	31225094	31225969	31228818	31229380
545 NA19221	[2515685 chr12	12	31255510	31275218	19709	21	0.272606	0.04415	31254679	31256341	31274251	31276180
546 NA19221	[2515685 chr12	12	34099919	34108168	8250	12	-0.87886	0.060623	34099639	34100199	34107972	34108360
547 NA19221	[2515685 chr12	12	34244904	34651194	406291	150	0.250992	0.016519	34238230	34248404	34649713	34652670
548 NA19221	[2515685 chr12	12	36218223	36229027	10805	10	0.48163	0.063979	36216143	36220304	36228905	36229150
549 NA19221	[2515685 chr12	12	36728958	36737753	8796	16	0.4736	0.05058	36728858	36729059	36736974	36738530
550 NA19221	[2515685 chr12	12	37036093	37041256	5164	4	-0.627041	0.101416	37035978	37036208	37041139	37041370
551 NA19221	[2515685 chr12	12	56139356	56151897	12542	16	0.327418	0.05058	56139046	56139666	56151647	56152140
552 NA19221	[2515685 chr12	12	62216782	62218151	1370	2	-0.822055	0.143063	62216521	62217044	62217696	62218600
553 NA19221	[2515685 chr12	12	69156912	69167896	10985	11	0.88125	0.061151	69138649	69160412	69164396	69215010

554 NA19221	[2515685 chr12	12	78656134	78665261	9128	9	-0.844323	0.068546	78654687	78657582	78664736	78665787
555 NA19221	[2515685 chr12	12	90783831	90788162	4332	6	-0.455143	0.083071	90783615	90784047	90787837	90788481
556 NA19221	[2515685 chr12	12	96834935	96841206	6272	6	-0.416004	0.082596	96834725	96835145	96840650	96841762
557 NA19221	[2515685 chr12	12	98296195	98302030	5836	12	-0.814179	0.05851	98295885	98296506	98298530	98305947
558 NA19221	[2515685 chr12	12	128919453	128926845	7393	7	-0.393636	0.076469	128919049	128919858	128926529	12892716
559 NA19221	[2515685 chr12	12	129133583	1291445603	12021	13	0.306046	0.056113	129132832	129134334	129145336	129145871
560 NA19221	[2515685 chr12	12	129395501	129397499	1999	14	0.555518	0.054073	129395008	129395994	129397172	12939782
561 NA19221	[2515685 chr12	12	130315291	130317296	2006	13	0.570515	0.056113	130315089	130315493	130317207	13031738
562 NA19221	[2515685 chr12	12	130335954	130341588	5635	8	-0.557524	0.071531	130335729	130336179	130341196	13034198
563 NA19221	[2515685 chr12	12	130390907	130395802	4896	7	0.50362	0.076469	130390718	130391097	130395448	13039615
564 NA19221	[2515685 chr12	12	130779212	130796135	16924	26	0.426278	0.039678	130779031	130779393	130795845	13079642
565 NA19221	[2515685 chr12	12	130829328	130830361	1034	2	0.794012	0.143061	130828952	130829705	130830203	13083051
566 NA19221	[2515685 chr12	12	131021452	131055851	34400	31	0.267234	0.036357	131020307	131022597	131054028	13105767
567 NA19221	[2515685 chr12	12	132138306	132144356	6051	6	0.448392	0.082596	132136592	132140021	132143390	13214532
568 NA19221	[2515685 chr13	13	18217561	18277248	59688	21	0.487442	0.044149	18217404	18217719	18275111	18279381
569 NA19221	[2515685 chr13	13	19357875	19366384	8510	13	-2.785125	0.086842	19357555	19358196	19363094	19369671
570 NA19221	[2515685 chr13	13	20436112	20439421	3310	2	0.849864	0.143061	20435513	20436712	20437245	20441597
571 NA19221	[2515685 chr13	13	25941397	25944844	3448	2	-0.791765	0.143061	25940659	25942135	25943882	25945807
572 NA19221	[2515685 chr13	13	25947233	25950398	3166	3	4.30079	0.190422	25946194	25948272	25949415	25951387
573 NA19221	[2515685 chr13	13	30418908	30426735	7828	5	-0.472491	0.09048	30413462	30423606	30426489	30426982
574 NA19221	[2515685 chr13	13	31430484	31437209	6726	7	-0.841233	0.079149	31430130	31430838	31436488	31437937
575 NA19221	[2515685 chr13	13	56611711	56645734	34024	47	0.657725	0.029512	56610946	56612477	56645321	56646147
576 NA19221	[2515685 chr13	13	65253672	65260395	6724	8	-0.422618	0.075055	65253468	65253876	65259517	65261272
577 NA19221	[2515685 chr13	13	69633905	69673289	39385	42	0.72468	0.031486	69633412	69634399	69672985	69673592
578 NA19221	[2515685 chr13	13	82512221	82524523	12303	14	-0.369045	0.056009	82512013	82512429	82524085	82524962
579 NA19221	[2515685 chr13	13	82609136	82614640	5505	5	-0.50709	0.092708	82608849	82609423	82614351	82614931
580 NA19221	[2515685 chr13	13	109215660	109217089	1430	5	0.856598	0.090481	109215230	109216090	109216885	10921729
581 NA19221	[2515685 chr13	13	113079647	113086836	7190	3	0.95567	0.122953	113078890	113080404	113082138	11309434
582 NA19221	[2515685 chr13	13	113106211	113117883	11673	15	0.294641	0.052239	113105623	113106800	113117631	11311813
583 NA19221	[2515685 chr13	13	113137077	113148338	11262	5	0.484622	0.09048	113136514	113137641	113147649	11314902
584 NA19221	[2515685 chr14	14	18527136	18542743	15608	7	-1.515207	0.076807	18526373	18527899	18541619	18543867
585 NA19221	[2515685 chr14	14	19265232	19401406	136175	114	-0.268527	0.019097	19261661	19268804	19401094	19401711
586 NA19221	[2515685 chr14	14	19619335	19625484	6150	3	3.726653	0.239501	19612261	19624114	19625018	19625951
587 NA19221	[2515685 chr14	14	20412037	20413805	1769	3	0.651271	0.116809	20411743	20412332	20413520	20414097
588 NA19221	[2515685 chr14	14	21790861	21803189	12329	8	-0.424425	0.074489	21790551	21791172	21802934	21803441
589 NA19221	[2515685 chr14	14	32022775	32026140	3366	2	-1.204576	0.143061	32022274	32023276	32023749	32028537
590 NA19221	[2515685 chr14	14	40895652	40897384	1733	2	-1.079834	0.190231	40895015	40896289	40897151	40897611
591 NA19221	[2515685 chr14	14	59539644	59549095	9452	11	-0.405691	0.0614	59539381	59539908	59548863	59549327
592 NA19221	[2515685 chr14	14	73063171	73122855	59685	54	0.889828	0.027777	73061866	73064476	73122227	73123482
593 NA19221	[2515685 chr14	14	77188146	77202505	14360	18	0.262345	0.047687	77187915	77188377	77201428	77203582
594 NA19221	[2515685 chr14	14	102443830	102468079	24250	26	0.304254	0.039678	102443486	102444175	102467664	10246849
595 NA19221	[2515685 chr14	14	103064383	103087432	23050	27	0.292617	0.038936	103064013	103064753	103087140	10308772
596 NA19221	[2515685 chr14	14	103422145	103432153	10009	13	0.354186	0.056113	103421925	103422365	103431610	10343269
597 NA19221	[2515685 chr14	14	104574839	104759520	184682	184	0.267053	0.014931	104567554	104579618	104759055	10475998
598 NA19221	[2515685 chr14	14	104766812	104778505	11694	145	-0.329097	0.016802	104766457	104767167	104778286	10477872
599 NA19221	[2515685 chr14	14	105014132	105023141	9010	12	0.452201	0.058404	105013898	105014366	105022902	10502338
600 NA19221	[2515685 chr15	15	18468372	18486535	18164	30	0.320841	0.036938	18467866	18468879	18486285	18486781
601 NA19221	[2515685 chr15	15	18555968	18557255	1288	2	-0.749268	0.143061	18555543	18556394	18556441	18558061
602 NA19221	[2515685 chr15	15	18824476	18894799	70324	74	-0.634853	0.023519	18824302	18824650	18894022	18895577
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606 NA19221	[2515685 chr15	15	19480237	19497904	17668	31	0.296066	0.036338	19479214	19481261	19497654	19498157
607 NA19221	[2515685 chr15	15	19541235	19542592	1358	2	-0.739383	0.143061	19540890	19541581	19542371	19542817
608 NA19221	[2515685 chr15	15	19663013	19790690	127678	32	-0.387289	0.036325	19662785	19663241	19790503	19790877

609 NA19221	[2515685 chr15	15	19805080	20003481	198402	195	-0.44684	0.01457	19804866	19805294	20003316	20003644
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611 NA19221	[2515685 chr15	15	20228094	20234328	6235	12	0.410883	0.058404	20226486	20229703	20233781	20234871
612 NA19221	[2515685 chr15	15	20367533	20383831	16299	18	-0.53725	0.048739	20367145	20367922	20383079	20384581
613 NA19221	[2515685 chr15	15	20761655	20806379	44725	66	-0.279173	0.025054	20761082	20762228	20806280	20806471
614 NA19221	[2515685 chr15	15	20865501	20868097	2597	5	0.670308	0.09048	20865204	20865798	20867905	20868291
615 NA19221	[2515685 chr15	15	20882855	20884053	1199	5	0.464729	0.09048	20882403	20883308	20883785	20884321
616 NA19221	[2515685 chr15	15	21049779	21061461	11683	9	-0.432104	0.06744	21049217	21050342	21061305	21061611
617 NA19221	[2515685 chr15	15	21605983	21614602	8620	8	0.742884	0.079786	21605507	21606459	21612298	21636691
618 NA19221	[2515685 chr15	15	22055841	22059707	3867	4	0.538764	0.101159	22055443	22056239	22057403	22062041
619 NA19221	[2515685 chr15	15	22649030	22651236	2207	2	-0.753826	0.149057	22648819	22649242	22650852	22651621
620 NA19221	[2515685 chr15	15	24986053	24992250	6198	7	0.839141	0.076469	24985426	24986680	24991680	24992821
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622 NA19221	[2515685 chr15	15	26331811	26343818	12008	25	0.420977	0.040464	26331265	26332358	26342288	26345344
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624 NA19221	[2515685 chr15	15	26695119	26697710	2592	5	0.636886	0.09048	26694927	26695312	26697414	26698001
625 NA19221	[2515685 chr15	15	26756997	26780620	23624	37	-0.322912	0.033517	26756810	26757185	26780238	26781001
626 NA19221	[2515685 chr15	15	27133105	27134889	1785	5	0.651765	0.09048	27132904	27133306	27134660	27135111
627 NA19221	[2515685 chr15	15	27689068	27690372	1305	2	-1.548389	0.151541	27688480	27689656	27690197	27690541
628 NA19221	[2515685 chr15	15	28183172	28214153	30982	63	-0.349799	0.02549	28182925	28183419	28213965	28214341
629 NA19221	[2515685 chr15	15	28277261	28292842	15582	14	-0.51239	0.054072	28276837	28277686	28292676	28293001
630 NA19221	[2515685 chr15	15	28315997	28328106	12110	10	-0.559799	0.063979	28315596	28316398	28327315	28328891
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632 NA19221	[2515685 chr15	15	28467160	28472817	5658	11	-0.588766	0.061001	28466786	28467535	28472801	28472831
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637 NA19221	[2515685 chr15	15	30276289	30324788	48500	44	-0.29808	0.015283	30276223	30276356	30324652	30324921
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645 NA19221	[2515685 chr15	15	40229367	40240228	10862	14	0.293624	0.054072	40229141	40229593	40239593	40240861
646 NA19221	[2515685 chr15	15	42905343	42906197	855	3	-0.699744	0.116809	42905218	42905469	42905981	42906411
647 NA19221	[2515685 chr15	15	43104933	43113061	8129	11	0.367031	0.061001	43104660	43105206	43112481	43113641
648 NA19221	[2515685 chr15	15	43153369	43154013	645	2	-0.825396	0.143061	43153155	43153584	43153678	43154341
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650 NA19221	[2515685 chr15	15	53021943	53031106	9164	4	-0.715772	0.117018	53021266	53022621	53030995	53031211
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653 NA19221	[2515685 chr15	15	75117585	75119946	2362	4	1.021409	0.101159	75117343	75117827	75119741	75120151
654 NA19221	[2515685 chr15	15	82646599	82692604	46006	64	0.259115	0.02529	82646434	82646764	82692232	82692971
655 NA19221	[2515685 chr15	15	82869847	82893636	23790	8	-0.369165	0.071531	82860467	82872151	82892955	82894311
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673 NA19221	[2515685 chr16	16	20419891	20441474	21584	24	-0.849046	0.041684	20419728	20420055	20441310	20441631
674 NA19221	[2515685 chr16	16	21336761	21341982	5222	12	0.356905	0.058404	21335940	21337583	21341567	21342391
675 NA19221	[2515685 chr16	16	21419656	21502620	82965	80	0.349722	0.02262	21419375	21419938	21501101	21504141
676 NA19221	[2515685 chr16	16	21769129	21774260	5132	12	0.356905	0.058404	21768405	21769853	21773845	21774671
677 NA19221	[2515685 chr16	16	22108292	22118438	10147	10	0.354168	0.063979	22107905	22108679	22118027	22118851
678 NA19221	[2515685 chr16	16	22434566	22439784	5219	13	0.3445	0.056113	22434151	22434982	22438962	22440601
679 NA19221	[2515685 chr16	16	22455430	22618743	163314	155	0.29323	0.016251	22455152	22455708	22617181	22620301
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684 NA19221	[2515685 chr16	16	28507651	28533918	26268	38	0.281839	0.03282	28507328	28507974	28533647	28534181
685 NA19221	[2515685 chr16	16	28620329	28628077	7749	5	-0.555497	0.090479	28620317	28620341	28627777	28628371
686 NA19221	[2515685 chr16	16	28645635	28649003	3369	5	0.504545	0.09048	28645528	28645743	28647286	28650721
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688 NA19221	[2515685 chr16	16	30678084	30706680	28597	40	0.271142	0.031989	30677704	30678464	30706417	30709641
689 NA19221	[2515685 chr16	16	31894079	31987226	93148	146	0.351682	0.016744	31893656	31894503	31986803	31987651
690 NA19221	[2515685 chr16	16	32073573	32075147	1575	4	0.961482	0.101159	32073268	32073879	32074517	32075771
691 NA19221	[2515685 chr16	16	32095676	32123795	28120	80	0.350859	0.02262	32094797	32096556	32123718	32123871
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699 NA19221	[2515685 chr16	16	33016481	33018043	1563	4	0.961482	0.101159	33016187	33016775	33017413	33018671
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705 NA19221	[2515685 chr16	16	33476904	33480065	3162	5	0.486975	0.09048	33476264	33477545	33479777	33480351
706 NA19221	[2515685 chr16	16	33594365	33715627	121263	174	0.371171	0.015338	33594223	33594508	33715511	33715741
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709 NA19221	[2515685 chr16	16	34326899	34597593	270695	304	-0.512538	0.011692	34326619	34327179	34597356	34597831
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713 NA19221	[2515685 chr16	16	74823273	74839125	15853	11	-0.337558	0.062509	74822628	74823919	74837239	74849251
714 NA19221	[2515685 chr16	16	76930776	76942282	11507	9	0.824921	0.06744	76930290	76931263	76941602	76942961
715 NA19221	[2515685 chr16	16	84509225	84510619	1395	2	0.837352	0.143061	84508957	84509494	84510226	84511011
716 NA19221	[2515685 chr16	16	84562720	84565235	2516	11	1.065041	0.061001	84561685	84563756	84565142	84565321
717 NA19221	[2515685 chr16	16	85086098	85101480	15383	14	0.299673	0.054072	85085656	85086540	85100112	85102841
718 NA19221	[2515685 chr16	16	86472841	86531247	58407	54	0.25298	0.027558	86472244	86473439	86530245	86532241



719 NA19221	[2515685 chr16	16	88166771	88181036	14266	18	0.375778	0.047687	88166300	88167242	88180612	88181467
720 NA19221	[2515685 chr17	17	911980	915554	3575	4	-1.062353	0.101158	911452	912508	915413	915696
721 NA19221	[2515685 chr17	17	966029	974361	8333	26	0.613971	0.039678	965521	966537	974003	974720
722 NA19221	[2515685 chr17	17	10979069	10984032	4964	2	-0.718773	0.14306	10978582	10979557	10981825	11038843
723 NA19221	[2515685 chr17	17	13982278	13987614	5337	5	-0.533097	0.090481	13981856	13982700	13982718	13988010
724 NA19221	[2515685 chr17	17	16658474	16718140	59667	106	0.25005	0.019651	16658180	16658768	16717750	16718533
725 NA19221	[2515685 chr17	17	17122819	17127198	4380	5	0.455063	0.09048	17122336	17123302	17126001	17128391
726 NA19221	[2515685 chr17	17	18062537	18109504	46968	56	0.251824	0.027036	18062199	18062875	18109118	18109891
727 NA19221	[2515685 chr17	17	18965709	18991437	25729	56	0.280437	0.027036	18963537	18967881	18991216	18991651
728 NA19221	[2515685 chr17	17	20393372	20394524	1153	3	0.623024	0.116809	20392689	20394056	20394472	20394571
729 NA19221	[2515685 chr17	17	21310665	21314618	3954	5	-0.508292	0.09048	21310379	21310951	21313122	21316111
730 NA19221	[2515685 chr17	17	21355924	21357245	1322	2	0.795052	0.143061	21355507	21356341	21357020	21357471
731 NA19221	[2515685 chr17	17	21415027	21418282	3256	2	0.99582	0.143061	21410935	21417234	21417641	21418921
732 NA19221	[2515685 chr17	17	21748250	21754969	6720	6	0.450881	0.082596	21748059	21748441	21754015	21755921
733 NA19221	[2515685 chr17	17	21826349	21834752	8404	7	1.009977	0.076469	21826238	21826461	21833710	21835791
734 NA19221	[2515685 chr17	17	22433503	22442706	9204	11	0.324015	0.061001	22433338	22433669	22442594	22442811
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736 NA19221	[2515685 chr17	17	23101576	23129162	27587	39	0.268312	0.032397	23101223	23101930	23102849	23129831
737 NA19221	[2515685 chr17	17	27412042	27437781	25740	19	0.280239	0.046415	27411281	27412804	27436507	27439051
738 NA19221	[2515685 chr17	17	31430406	31461078	30673	51	0.572227	0.008049	31429658	31431155	31460534	31461621
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746 NA19221	[2515685 chr17	17	36532047	36543546	11500	4	-0.986677	0.10116	36298167	36534254	36541737	36545351
747 NA19221	[2515685 chr17	17	36675530	36685343	9814	10	-0.844138	0.065443	36675011	36676049	36684647	36686041
748 NA19221	[2515685 chr17	17	36732690	36752989	20300	20	0.302623	0.04524	36732374	36733007	36752682	36753291
749 NA19221	[2515685 chr17	17	40865052	40888689	23638	25	0.311654	0.040464	40864626	40865479	40887428	40889951
750 NA19221	[2515685 chr17	17	40945023	40953332	8310	8	0.506063	0.07153	40944314	40945733	40952822	40953881
751 NA19221	[2515685 chr17	17	40958045	40970558	12514	15	-0.262264	0.052239	40957582	40958509	40970202	40970911
752 NA19221	[2515685 chr17	17	41006614	41021156	14543	17	0.355045	0.04907	41006215	41007013	41019623	41022691
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756 NA19221	[2515685 chr17	17	42975972	43026670	50699	75	0.456175	0.023362	42975162	42976783	43025568	43027771
757 NA19221	[2515685 chr17	17	55368842	55372541	3700	5	0.531765	0.090479	55368278	55369406	55372325	55372751
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761 NA19221	[2515685 chr17	17	60304425	60309866	5442	12	-0.309971	0.058404	60304132	60304718	60309366	60310361
762 NA19221	[2515685 chr17	17	74991981	75032925	40945	97	0.288213	0.020542	74991853	74992110	75032723	75033311
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764 NA19221	[2515685 chr17	17	76779418	76786484	7067	8	0.482881	0.071531	76778846	76779990	76785735	76787231
765 NA19221	[2515685 chr18	18	12062956	12067924	4969	9	0.338362	0.067439	12062482	12063431	12067565	12068281
766 NA19221	[2515685 chr18	18	12408098	12413845	5748	6	0.412991	0.082596	12407586	12408611	12413164	12414521
767 NA19221	[2515685 chr18	18	14130584	14141380	10797	16	0.312479	0.05058	14129951	14131218	14141054	14141701
768 NA19221	[2515685 chr18	18	14246928	14325082	78155	24	0.591965	0.041299	14244529	14249327	14325045	14325111
769 NA19221	[2515685 chr18	18	24076364	24179419	103056	2	-0.809186	0.143061	24003903	24080953	24174830	24286811
770 NA19221	[2515685 chr18	18	36514289	36521090	6802	6	-1.029145	0.082982	36513759	36514820	36520512	36521661
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773 NA19221	[2515685 chr18	18	61917747	61920171	2425	4	3.409885	0.157105	61917522	61917973	61919646	61920691

774 NA19221	[2515685 chr18	18	63110008	63115099	5092	7	-1.080515	0.078046	63109644	63110373	63114764	63115434
775 NA19221	[2515685 chr18	18	67980224	68001706	21483	22	-0.261311	0.04339	67980002	67980446	68001336	68002071
776 NA19221	[2515685 chr18	18	74231104	74234275	3172	30	0.988077	0.036938	74230952	74231256	74234139	74234417
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779 NA19221	[2515685 chr19	19	8819	75797	66979	65	0.495932	0.025095	6284	11354	73262	79306
780 NA19221	[2515685 chr19	19	310414	316181	5768	16	-0.355768	0.05058	309687	311142	315964	316395
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784 NA19221	[2515685 chr19	19	20023721	20024575	855	4	0.523879	0.10116	20023638	20023804	20024451	20024701
785 NA19221	[2515685 chr19	19	20396068	20510144	114077	64	-0.622179	0.026239	20389518	20398603	20509558	20510737
786 NA19221	[2515685 chr19	19	22141079	22153327	12249	20	-0.295331	0.046521	22140951	22141207	22153114	22153541
787 NA19221	[2515685 chr19	19	22931042	22934759	3718	3	0.738614	0.142353	22918199	22933577	22934546	22934977
788 NA19221	[2515685 chr19	19	23007896	23016040	8145	9	0.537207	0.068634	22990964	23010431	23015670	23016417
789 NA19221	[2515685 chr19	19	23257205	23258538	1334	2	-1.001705	0.143061	23256882	23257529	23258213	23258867
790 NA19221	[2515685 chr19	19	23596342	23600235	3894	6	-1.055276	0.087268	23596144	23596541	23599600	23600871
791 NA19221	[2515685 chr19	19	24152399	24155800	3402	23	0.427213	0.042186	24152364	24152435	24155376	24156227
792 NA19221	[2515685 chr19	19	39419234	39422498	3265	5	0.740877	0.09048	39418853	39419616	39421681	39423311
793 NA19221	[2515685 chr19	19	41450179	41493620	43442	28	1.106169	0.038235	41421528	41452714	41491085	41497851
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798 NA19221	[2515685 chr19	19	45168563	45169716	1154	3	0.603329	0.116809	45168293	45168834	45169545	45169881
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806 NA19221	[2515685 chr19	19	58211794	58246367	34574	27	-0.83201	0.038937	58211007	58212582	58245896	58246831
807 NA19221	[2515685 chr19	19	58291595	58294540	2946	6	0.462769	0.082596	58291348	58291843	58294251	58294827
808 NA19221	[2515685 chr19	19	59354682	59388955	34274	40	0.294116	0.032158	59354435	59354929	59388716	59389197
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810 NA19221	[2515685 chr19	19	59425624	59435274	9651	11	-0.723904	0.061074	59425213	59426036	59435027	59435552
811 NA19221	[2515685 chr19	19	59492384	59498950	6567	7	0.583281	0.076469	59491977	59492791	59497077	59500827
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814 NA19221	[2515685 chr20	20	1511097	1532477	21381	26	-2.402368	0.053049	1510534	1511660	1532182	1532773
815 NA19221	[2515685 chr20	20	1534463	1535141	679	2	-0.972923	0.150001	1534231	1534696	1534879	1535404
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817 NA19221	[2515685 chr20	20	12189551	12216452	26902	24	-0.254367	0.041516	12189322	12189781	12215934	12216977
818 NA19221	[2515685 chr20	20	25730081	25747058	16978	24	-0.331294	0.041406	25730023	25730139	25746965	25747157
819 NA19221	[2515685 chr20	20	25769130	25771875	2746	4	-0.624285	0.10116	25768333	25769927	25770659	25773097
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821 NA19221	[2515685 chr20	20	25910211	25927359	17149	16	0.254673	0.05058	25908060	25912362	25927111	25927601
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824 NA19221	[2515685 chr20	20	26136817	26138192	1376	3	0.753041	0.116808	26136626	26137008	26137783	26138607
825 NA19221	[2515685 chr20	20	28135773	28149369	13597	21	0.405788	0.04415	28135464	28136082	28149114	28149627
826 NA19221	[2515685 chr20	20	44368415	44394714	26300	29	0.256676	0.037569	44368003	44368828	44394297	44395137
827 NA19221	[2515685 chr20	20	59950373	59957050	6678	19	0.582557	0.046415	59950066	59950681	59956538	59957567
828 NA19221	[2515685 chr20	20	60877549	61702291	824743	199	0.252616	0.014367	60877267	60877832	61701456	61703127

829 NA19221	[2515685 chr20	20	62064480	62083335	18856	28	0.418711	0.038372	62064102	62064858	62082957	6208371:
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838 NA19221	[2515685 chr21	21	20722868	20767282	44415	36	-1.026772	0.035431	20721169	20724567	20766825	2076773:
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842 NA19221	[2515685 chr22	22	17266448	17341395	74948	77	0.256092	0.023056	17266211	17266685	17341155	1734163:
843 NA19221	[2515685 chr22	22	19392079	19571207	179129	10	-0.356065	0.063978	19391751	19392407	19568526	1966688:
844 NA19221	[2515685 chr22	22	20082771	20095586	12816	15	-0.272313	0.052239	20082396	20083147	20095331	2009584:
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846 NA19221	[2515685 chr22	22	22258586	22275237	16652	18	0.316266	0.047687	22258243	22258930	22275086	2227538:
847 NA19221	[2515685 chr22	22	22667662	22669606	1945	4	0.526767	0.101159	22667642	22667682	22669060	2267015:
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856 NA19221	[2515685 chr22	22	42943009	42959163	16155	4	-0.567981	0.101159	42924410	42945690	42956482	4296398:
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1 NA10839	[2515685 chr1	1	76985	77845	861	2	0.736445	0.115373	76641	77329	77684	78006
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8 NA10839	[2515685 chr1	1	1707487	1712489	5003	9	-0.302729	0.021915	1706527	1708448	1712202	1712776
9 NA10839	[2515685 chr1	1	10416438	10418311	1874	2	-0.838854	0.10106	10415863	10417014	10417712	1041891
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11 NA10839	[2515685 chr1	1	12843376	12863841	20466	27	0.447193	0.026599	12843104	12843649	12860569	1286861:
12 NA10839	[2515685 chr1	1	12884329	12886858	2530	4	0.573551	0.060928	12884224	12884434	12886536	1288718:
13 NA10839	[2515685 chr1	1	12893626	12931133	37508	82	0.297493	0.01497	12893265	12893988	12930962	1293130:
14 NA10839	[2515685 chr1	1	12995178	13001855	6678	9	0.280475	0.049307	12994551	12995806	13001230	1300248:
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16 NA10839	[2515685 chr1	1	13114053	13162706	48654	104	0.286135	0.01285	13113809	13114298	13162366	1316304:
17 NA10839	[2515685 chr1	1	13185381	13216105	30725	27	0.263755	0.02186	13178206	13188653	13214189	1321802:
18 NA10839	[2515685 chr1	1	13300967	13373969	73003	40	0.299628	0.019736	13300595	13301339	13373608	1337433:
19 NA10839	[2515685 chr1	1	13380737	13383503	2767	4	0.610505	0.056778	13380415	13381060	13383163	1338384:
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21 NA10839	[2515685 chr1	1	16558905	16577498	18594	15	-0.273886	0.034579	16557482	16560328	16577091	1657790:
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25 NA10839	[2515685 chr1	1	25330950	25381274	50325	47	-0.449298	0.016894	25330662	25331238	25380813	2538173:
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27 NA10839	[2515685 chr1	1	25434181	25439981	5801	14	-0.441055	0.039442	25433990	25434373	25438920	2544104:
28 NA10839	[2515685 chr1	1	57265788	57269385	3598	3	0.392174	0.072425	57264976	57266601	57269038	5726973:
29 NA10839	[2515685 chr1	1	72478372	72524180	45809	36	-3.066863	0.047843	72478140	72478604	72523661	7252470:
30 NA10839	[2515685 chr1	1	72968710	72970203	1494	2	-0.727308	0.115661	72968208	72969212	72969989	7297041:
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39 NA10839	[2515685 chr1	1	105728161	105735462	7302	8	-1.011102	0.062858	105727820	105728503	105734532	10573639:
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42 NA10839	[2515685 chr1	1	108515184	108549101	33918	50	0.358888	0.021077	108515012	108515357	108548555	10854964:
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45 NA10839	[2515685 chr1	1	120244720	120342422	97703	150	0.284279	0.011627	120243262	120246178	120342303	12034254:
46 NA10839	[2515685 chr1	1	141909579	141981853	72275	165	0.273469	0.009902	141909385	141909774	141978581	14203010:
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71 NA10839	[2515685 chr2	2	61675589	61676777	1189	2	-0.673581	0.128234	61675200	61675979	61676468	6167708:
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77 NA10839	[2515685 chr2	2	97184386	97189735	5350	2	-0.885333	0.105268	97182781	97185992	97186782	9719672:
78 NA10839	[2515685 chr2	2	97240986	97244212	3227	3	-0.540146	0.09475	97239558	97242415	97243543	9724488:
79 NA10839	[2515685 chr2	2	97613796	97614932	1137	2	1.18412	0.128957	97613553	97614040	97614467	9761539:
80 NA10839	[2515685 chr2	2	106341249	106344320	3072	4	-0.483083	0.076557	106340353	106342146	106344055	10634458:
81 NA10839	[2515685 chr2	2	108313411	108314875	1465	2	0.690749	0.110583	108312551	108314272	108314680	10831507:

82 NA10839	[2515685 chr2	2	111809680	111811642	1963	2	-0.498948	0.09717	111808620	111810741	111810783	11181250
83 NA10839	[2515685 chr2	2	112310614	112318942	8329	8	0.320791	0.049617	112309184	112312045	112318624	11231926
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88 NA10839	[2515685 chr2	2	208176479	208184457	7979	7	0.904736	0.061199	208176093	208176865	208183930	20818498
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92 NA10839	[2515685 chr3	3	204650	209394	4745	4	0.846198	0.074447	202918	206383	209009	209775
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139 NA10839	[2515685 chr4	4	145238696	145245588	6893	5	-0.605271	0.072481	145236919	145240473	145245192	14524598
140 NA10839	[2515685 chr4	4	162237272	162242562	5291	8	0.868186	0.055979	162236487	162238058	162242381	16224274
141 NA10839	[2515685 chr4	4	162806038	162809269	3232	3	0.925235	0.084949	162804872	162807204	162808734	16280980
142 NA10839	[2515685 chr4	4	169184442	169368370	183929	159	0.808845	0.01258	169184090	169184794	169366713	16937002
143 NA10839	[2515685 chr4	4	173363594	173367718	4125	6	-1.018721	0.065762	173362583	173364606	173367283	17336815
144 NA10839	[2515685 chr4	4	173799832	173807323	7492	6	-3.483261	0.146078	173799464	173800201	173804255	17381134
145 NA10839	[2515685 chr4	4	183944886	183947025	2140	3	-1.073885	0.086743	183944291	183945482	183946755	18394729
146 NA10839	[2515685 chr4	4	185535274	185544849	9576	9	1.023497	0.053674	185534955	185535593	185543276	18554642
147 NA10839	[2515685 chr4	4	186816951	186819359	2409	3	3.513143	0.188216	186816420	186817483	186819049	18681967
148 NA10839	[2515685 chr4	4	187728494	187732907	4414	15	0.253234	0.038627	187728193	187728795	187732541	18773327
149 NA10839	[2515685 chr4	4	188255523	188269680	14158	235	0.618697	0.008854	188255215	188255831	188269403	18826995
150 NA10839	[2515685 chr4	4	190526800	190533163	6364	23	-0.444897	0.031508	190526573	190527028	190531664	19053466
151 NA10839	[2515685 chr5	5	520743	521684	942	5	0.777557	0.075933	520428	521059	521427	521942
152 NA10839	[2515685 chr5	5	739222	854574	115353	102	0.356083	0.013845	738976	739468	854200	854948
153 NA10839	[2515685 chr5	5	1075284	1079920	4637	24	0.753244	0.028622	1074709	1075859	1079566	108027!
154 NA10839	[2515685 chr5	5	1122995	1126930	3936	39	0.391882	0.019556	1122772	1123219	1126646	112721!
155 NA10839	[2515685 chr5	5	1231558	1233247	1690	2	-0.949663	0.101417	1231167	1231949	1232879	123361!
156 NA10839	[2515685 chr5	5	12863961	12873512	9552	14	-0.972712	0.046533	12863778	12864144	12873198	1287382!
157 NA10839	[2515685 chr5	5	17550023	17552132	2110	4	0.486479	0.064308	17549646	17550401	17551804	1755246!
158 NA10839	[2515685 chr5	5	17570617	17643104	72488	331	0.61491	0.006771	17570551	17570684	17642455	1764375!
159 NA10839	[2515685 chr5	5	17664084	17667407	3324	7	0.601143	0.051332	17663473	17664695	17667174	1766764!
160 NA10839	[2515685 chr5	5	17745629	17750443	4815	2	0.676691	0.10473	17745478	17745780	17748817	1775207!
161 NA10839	[2515685 chr5	5	19410747	19412172	1426	3	0.764076	0.086656	19410189	19411305	19411980	1941236!
162 NA10839	[2515685 chr5	5	21309127	21426153	117027	180	0.287832	0.009828	21308898	21309357	21425562	2142674!
163 NA10839	[2515685 chr5	5	21971730	21975882	4153	9	0.390506	0.041569	21971258	21972202	21975612	2197615!
164 NA10839	[2515685 chr5	5	22161042	22166982	5941	8	0.305228	0.055783	22160580	22161504	22166620	2216734!
165 NA10839	[2515685 chr5	5	55701025	55705931	4907	3	-0.654852	0.099571	55700864	55701186	55705409	5570645!
166 NA10839	[2515685 chr5	5	68865200	68885666	20467	43	0.443303	0.023274	68864770	68865630	68885378	6888595!
167 NA10839	[2515685 chr5	5	69032389	69186000	153612	350	0.353519	0.00643	69032338	69032440	69185949	6918605!
168 NA10839	[2515685 chr5	5	69276806	69296742	19937	33	0.32239	0.01999	69276696	69276916	69296381	6929710!
169 NA10839	[2515685 chr5	5	69357598	69415197	57600	54	0.337594	0.016346	69357245	69357951	69412002	6941946!
170 NA10839	[2515685 chr5	5	69497766	69504510	6745	19	0.350108	0.026288	69497740	69497792	69504400	6950462!
171 NA10839	[2515685 chr5	5	69612127	69744382	132256	291	0.353468	0.007068	69612076	69612178	69744181	6974458!
172 NA10839	[2515685 chr5	5	69907701	70061148	153448	328	0.344241	0.00661	69907650	69907752	70061097	7006120!
173 NA10839	[2515685 chr5	5	70151844	70161310	9467	22	0.347698	0.02438	70151734	70151954	70161126	7016149!
174 NA10839	[2515685 chr5	5	70233016	70290651	57636	54	0.344826	0.016343	70232663	70233369	70287456	7029491!
175 NA10839	[2515685 chr5	5	70403953	70426554	22602	43	0.461741	0.023149	70403337	70404569	70425419	7042768!
176 NA10839	[2515685 chr5	5	70495416	70504894	9479	26	0.342935	0.023206	70495232	70495600	70504784	7050500!
177 NA10839	[2515685 chr5	5	70611385	70684976	73592	160	0.342922	0.009526	70611099	70611672	70684611	7068534!
178 NA10839	[2515685 chr5	5	81459210	81466058	6849	2	-1.54527	0.124924	81455614	81462405	81462863	8147028!
179 NA10839	[2515685 chr5	5	93928460	93931722	3263	3	-0.547779	0.093236	93927706	93929215	93931460	9393198!
180 NA10839	[2515685 chr5	5	99409393	99419037	9645	13	-0.641844	0.042384	99408997	99409789	99418328	9941974!
181 NA10839	[2515685 chr5	5	103531112	103532090	979	2	-0.676791	0.122219	103530858	103531366	103531820	10353236
182 NA10839	[2515685 chr5	5	137835178	137844134	8957	8	0.666988	0.058234	137834745	137835611	137843310	13784495
183 NA10839	[2515685 chr5	5	140203081	140217091	14011	18	2.575551	0.062862	140202344	140203819	140216552	14021763
184 NA10839	[2515685 chr5	5	140217091	140218928	1838	2	1.181651	0.120708	140216552	140217631	140218508	14021934
185 NA10839	[2515685 chr5	5	140534849	140540106	5258	5	0.810103	0.069386	140534700	140534999	140539007	14054120
186 NA10839	[2515685 chr5	5	180108385	180119118	10734	8	0.467106	0.054256	180108099	180108671	180115923	18013530
187 NA10839	[2515685 chr5	5	180309823	180363417	53595	51	-1.115992	0.026757	180309690	180309956	180363120	18036371
188 NA10839	[2515685 chr5	5	180755027	180755638	612	2	-0.558667	0.096185	180754474	180755581	180755581	18075569
189 NA10839	[2515685 chr6	6	23809	24421	613	2	-0.558667	0.096185	23752	23867	23867	24975
190 NA10839	[2515685 chr6	6	201823	240929	39107	28	-0.457901	0.02827	201415	202232	240278	241581
191 NA10839	[2515685 chr6	6	29958572	30010672	52101	49	0.597351	0.022544	29957670	29959474	30010262	3001108!

192 NA10839	[2515685 chr6	6	30056843	30060464	3622	4	0.414755	0.066871	30056579	30057108	30060118	30060811
193 NA10839	[2515685 chr6	6	31158178	31160444	2267	3	0.539024	0.092671	31157997	31158360	31160125	3116076:
194 NA10839	[2515685 chr6	6	31344330	31346265	1936	4	-0.807544	0.072773	31344063	31344598	31345931	3134659:
195 NA10839	[2515685 chr6	6	31387065	31419859	32795	16	-0.812808	0.039552	31386395	31387736	31418034	3142168:
196 NA10839	[2515685 chr6	6	32553055	32556275	3221	2	0.876567	0.100857	32550690	32555421	32556081	3255647:
197 NA10839	[2515685 chr6	6	32557126	32702716	145591	129	0.604767	0.012239	32556948	32557305	32702285	3270314:
198 NA10839	[2515685 chr6	6	32709934	32762917	52984	50	0.604767	0.012239	32709414	32710454	32762733	3276310:
199 NA10839	[2515685 chr6	6	35862833	35874426	11594	13	0.871993	0.04223	35862530	35863136	35873957	3587489:
200 NA10839	[2515685 chr6	6	54036900	54042384	5485	5	3.839017	0.171736	54036573	54037227	54041771	5404299:
201 NA10839	[2515685 chr6	6	79023318	79093263	69946	70	0.812511	0.019196	79022028	79024609	79091909	7909461:
202 NA10839	[2515685 chr6	6	95345535	95349338	3804	5	-0.938089	0.075946	95345072	95345998	95348106	9535057:
203 NA10839	[2515685 chr6	6	102041093	102046055	4963	6	-1.092167	0.071773	102040642	102041544	102045198	10204691:
204 NA10839	[2515685 chr6	6	103844685	103871201	26517	17	2.571326	0.0776	103844347	103845023	103868241	10387416:
205 NA10839	[2515685 chr6	6	115492959	115494541	1583	2	0.733228	0.126912	115492678	115493240	115494140	11549494:
206 NA10839	[2515685 chr6	6	120671191	120671916	726	2	1.493094	0.121233	120670696	120671686	120671725	12067210:
207 NA10839	[2515685 chr6	6	132044718	132076818	32101	8	-0.296347	0.045855	131958865	132048222	132076464	13207717:
208 NA10839	[2515685 chr6	6	160056728	160058998	2271	2	-0.967005	0.089436	16005808	160057648	160058322	16005967:
209 NA10839	[2515685 chr6	6	160997684	161038819	41136	68	0.431899	0.014307	160997465	160997903	161038605	16103903:
210 NA10839	[2515685 chr6	6	162893670	162896314	2645	3	-0.555235	0.084111	162893373	162893968	162895355	16289727:
211 NA10839	[2515685 chr6	6	167769371	167776315	6945	15	0.263251	0.038019	167768857	167769886	167776063	16777656:
212 NA10839	[2515685 chr6	6	168535543	168537360	1818	12	0.38468	0.032066	168535263	168535824	168537100	16853762:
213 NA10839	[2515685 chr6	6	168780035	168781989	1955	4	-0.504964	0.072936	168779504	168780567	168781555	16878242:
214 NA10839	[2515685 chr6	6	170603879	170604666	788	2	-2.60945	0.142903	170603541	170604217	170604339	17060499:
215 NA10839	[2515685 chr6	6	170625506	170627028	1523	3	2.26191	0.132947	170625015	170625997	170626579	17062747:
216 NA10839	[2515685 chr6	6	170897669	170898280	612	2	-0.558668	0.096185	170897116	170898223	170898333	17089833:
217 NA10839	[2515685 chr7	7	124776	129596	4821	10	0.2799	0.041884	124152	125400	129140	130052
218 NA10839	[2515685 chr7	7	134700	165233	30534	32	0.428538	0.026186	134442	134958	164718	165745
219 NA10839	[2515685 chr7	7	1084125	1088166	4042	16	0.697555	0.036755	1083752	1084499	1087449	108888:
220 NA10839	[2515685 chr7	7	3384111	3392460	8350	8	0.876122	0.057159	3383451	3384772	3390107	339561:
221 NA10839	[2515685 chr7	7	5654917	5661199	6283	8	-0.536665	0.056943	5654537	5655298	5660642	566175:
222 NA10839	[2515685 chr7	7	19321796	19323120	1325	2	0.577532	0.100065	19321444	19322149	19322843	1932339:
223 NA10839	[2515685 chr7	7	19395816	19403728	7913	3	-0.658391	0.095944	19393767	19397866	19401375	1945566:
224 NA10839	[2515685 chr7	7	61638389	62139501	501113	482	0.349429	0.006718	61474843	61640742	62139439	6213956:
225 NA10839	[2515685 chr7	7	64029672	64045487	15816	45	-0.322823	0.021124	64029291	64030053	64045069	6404590:
226 NA10839	[2515685 chr7	7	64162316	64165371	3056	2	0.913975	0.138124	64160143	64164489	64165089	6416565:
227 NA10839	[2515685 chr7	7	64464087	64476893	12807	34	-0.299063	0.0243	64463669	64464506	64476710	6447707:
228 NA10839	[2515685 chr7	7	64543857	64556662	12806	36	-0.299582	0.023083	64543674	64544040	64556244	6455708:
229 NA10839	[2515685 chr7	7	73698894	73700080	1187	3	0.489262	0.083517	73698686	73699103	73699523	7370063:
230 NA10839	[2515685 chr7	7	73965656	73966691	1036	4	0.515891	0.071771	73965279	73966033	73966513	7396687:
231 NA10839	[2515685 chr7	7	75790452	75794984	4533	5	-0.642199	0.070952	75790248	75790656	75794325	7579564:
232 NA10839	[2515685 chr7	7	76173835	76175647	1813	2	0.691337	0.101188	76173564	76174106	76174852	7617644:
233 NA10839	[2515685 chr7	7	89455106	89456632	1527	3	2.905716	0.136737	89454839	89455373	89456225	8945703:
234 NA10839	[2515685 chr7	7	99979381	99988465	9085	2	-0.917299	0.09717	99885388	99981734	99986334	9999059:
235 NA10839	[2515685 chr7	7	100177861	100181973	4113	2	-0.529557	0.087579	100177385	100178338	100180328	10018361:
236 NA10839	[2515685 chr7	7	109034781	109048749	13969	10	2.663582	0.079282	109024063	109037134	109046953	10905054:
237 NA10839	[2515685 chr7	7	110659870	110661626	1757	2	-1.03705	0.129931	110659025	110660715	110661142	11066211:
238 NA10839	[2515685 chr7	7	125639507	125644775	5269	6	-0.868353	0.074104	125639054	125639961	125644046	12564550:
239 NA10839	[2515685 chr7	7	141962017	141978673	16657	22	-0.396726	0.03249	141961693	141962342	141978355	14197899:
240 NA10839	[2515685 chr7	7	142882680	142892121	9442	10	-0.25154	0.044997	142882220	142883140	142891792	14289245:
241 NA10839	[2515685 chr7	7	143252723	143259025	1753	2	-0.650185	0.114079	143256987	143257560	143258671	14325938:
242 NA10839	[2515685 chr7	7	143318520	143417155	98636	175	-0.412415	0.007321	143318192	143318849	143416975	14341733:
243 NA10839	[2515685 chr7	7	143421336	143511719	90384	182	-0.412415	0.007321	143421165	143421507	143511270	14351216:
244 NA10839	[2515685 chr7	7	152500543	152502804	2262	2	0.645956	0.112606	152499072	152502014	152502453	15250315:
245 NA10839	[2515685 chr7	7	158617060	158624381	7322	6	0.807591	0.068249	158616763	158617357	158622028	15862673:
246 NA10839	[2515685 chr8	8	76554	77165	612	2	-0.558667	0.096185	76497	76612	76612	77719

247 NA10839	[2515685 chr8	8	1328256	1343509	15254	45	-0.517816	0.01968	1327688	1328824	1342795	1344224
248 NA10839	[2515685 chr8	8	2202770	2203520	751	3	-0.528053	0.07163	2202506	2203034	2203382	2203659
249 NA10839	[2515685 chr8	8	2238733	2253794	15062	10	0.795252	0.051556	2233839	2241488	2251039	2257526
250 NA10839	[2515685 chr8	8	3773583	3778609	5027	7	-0.971325	0.061439	3773236	3773931	3778103	3779111
251 NA10839	[2515685 chr8	8	3977734	3991167	13434	16	-0.315864	0.037728	3976965	3978503	3990895	3991440
252 NA10839	[2515685 chr8	8	4815064	4821127	6064	7	-0.303182	0.060095	4814672	4815456	4820670	4821584
253 NA10839	[2515685 chr8	8	5582875	5594011	11137	9	0.997703	0.049981	5582615	5583135	5592820	5595203
254 NA10839	[2515685 chr8	8	6785456	6788538	3083	4	0.355305	0.068151	6784906	6786007	6787993	6789083
255 NA10839	[2515685 chr8	8	7098713	7146048	47336	202	-0.404628	0.008531	7098285	7099142	7145836	7146267
256 NA10839	[2515685 chr8	8	7176337	7187950	11614	33	0.98149	0.027496	7176045	7176630	7187698	7188202
257 NA10839	[2515685 chr8	8	7390737	7430731	39995	165	-0.320832	0.005182	7390413	7391061	7430300	7431162
258 NA10839	[2515685 chr8	8	7607253	7670167	62915	279	-0.320832	0.005182	7606824	7607682	7669844	7670490
259 NA10839	[2515685 chr8	8	7862281	7873897	11617	34	0.992277	0.026418	7862030	7862533	7873605	7874190
260 NA10839	[2515685 chr8	8	7903980	7928723	24744	96	-0.38794	0.012484	7903568	7904392	7928292	7929154
261 NA10839	[2515685 chr8	8	9092622	9100173	7552	8	-0.978445	0.059818	9092364	9092880	9099488	9100858
262 NA10839	[2515685 chr8	8	12023134	12034819	11686	32	1.0274	0.028477	12022997	12023272	12034665	12034972
263 NA10839	[2515685 chr8	8	12064826	12072090	7265	24	-0.381347	0.025383	12064663	12064989	12071913	12072262
264 NA10839	[2515685 chr8	8	12276602	12284041	7440	14	0.899144	0.038928	12276206	12276998	12283622	12284462
265 NA10839	[2515685 chr8	8	12314107	12321305	7199	21	-0.352268	0.026678	12313944	12314270	12321063	12321544
266 NA10839	[2515685 chr8	8	15279899	15283012	3114	4	-0.394082	0.074833	15279645	15280154	15282254	15283770
267 NA10839	[2515685 chr8	8	18900549	18901909	1361	2	-0.785725	0.102708	18900138	18900960	18901577	18902242
268 NA10839	[2515685 chr8	8	21832667	21833967	1301	2	0.521975	0.097077	21832108	21833227	21833678	21834252
269 NA10839	[2515685 chr8	8	25028407	25046917	18511	15	-3.480777	0.074549	25027885	25028930	25046777	25047052
270 NA10839	[2515685 chr8	8	25048594	25050100	1507	2	-0.570174	0.089357	25047579	25049609	25049634	25050562
271 NA10839	[2515685 chr8	8	39352204	39506673	154470	161	-1.984623	0.020244	39351913	39352495	39505284	39508062
272 NA10839	[2515685 chr8	8	47642283	47661489	19207	36	0.381201	0.025445	47637780	47645038	47658734	47688112
273 NA10839	[2515685 chr8	8	58278355	58289214	10860	9	1.056598	0.044895	58277116	58279595	58288084	58290342
274 NA10839	[2515685 chr8	8	58290538	58298767	8230	8	0.332087	0.051309	58290345	58290731	58296544	58300992
275 NA10839	[2515685 chr8	8	85423649	85431920	8272	7	0.900704	0.059228	85423043	85424256	85431347	85432492
276 NA10839	[2515685 chr8	8	86742169	86911038	168870	106	0.426633	0.011947	86741757	86742581	86910509	86911562
277 NA10839	[2515685 chr8	8	93706038	93707067	1030	2	-0.6033	0.102099	93705785	93706292	93706752	93707382
278 NA10839	[2515685 chr8	8	120222659	120229952	7294	6	0.754785	0.06352	120218251	120225414	120229434	120230472
279 NA10839	[2515685 chr9	9	6694419	6699868	5450	5	-0.863924	0.067611	6694011	6694828	6698343	6701394
280 NA10839	[2515685 chr9	9	21193770	21196545	2776	3	0.426204	0.079222	21193588	21193952	21196245	21196844
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283 NA10839	[2515685 chr9	9	41234952	41239641	4690	9	-0.647485	0.049191	41234900	41235005	41239288	41239992
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285 NA10839	[2515685 chr9	9	43021458	43021779	322	2	0.659071	0.093141	43021390	43021526	43021698	43021862
286 NA10839	[2515685 chr9	9	43965874	44064418	98545	21	-0.258743	0.02767	43961965	43968236	44064295	44064542
287 NA10839	[2515685 chr9	9	44679085	44682053	2969	6	0.318807	0.056872	44678768	44679402	44681477	44682622
288 NA10839	[2515685 chr9	9	44927718	44931216	3499	7	0.306207	0.055406	44927142	44928294	44931007	44931422
289 NA10839	[2515685 chr9	9	66047392	66052737	5346	11	-0.645701	0.045396	66047340	66047445	66052707	66052762
290 NA10839	[2515685 chr9	9	67236470	67238993	2524	2	-0.502635	0.098569	67236325	67236615	67236631	67241462
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292 NA10839	[2515685 chr9	9	76777070	76779384	2315	2	0.647893	0.124507	76776756	76777385	76778920	76779844
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317 NA10839	[2515685 chr10	10	47230731	47231502	772	2	-0.669073	0.08432	47230574	47230889	47231201	47231801
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345 NA10839	[2515685 chr10	10	133602364	133603160	797	11	-0.334116	0.041411	133602112	133602617	133602987	133603331
346 NA10839	[2515685 chr10	10	134168766	134170259	1494	17	-0.312308	0.038996	134168524	134169008	134170097	134170421
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355 NA10839	[2515685 chr11	11	18903449	18923023	19575	30	0.804866	0.027937	18897800	18906533	18919939	18928451
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377 NA10839	[2515685 chr12	12	11398049	11442861	44813	44	-0.36099	0.022133	11397507	11398591	11442625	11443094
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389 NA10839	[2515685 chr13	13	36971484	36983475	11992	10	-3.806149	0.102668	36969416	36973552	36982905	36984044
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391 NA10839	[2515685 chr13	13	56653890	56687244	33355	31	-0.95784	0.030227	56650401	56657380	56686891	56687594
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393 NA10839	[2515685 chr13	13	69633905	69673289	39385	42	0.815442	0.024421	69633412	69634399	69672985	69673594
394 NA10839	[2515685 chr13	13	71375850	71378291	2442	2	-3.814769	0.28429	71374967	71376734	71377584	71378994
395 NA10839	[2515685 chr13	13	108362155	108365316	3162	3	-0.52367	0.092128	108361324	108362986	108364830	108365804
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397 NA10839	[2515685 chr13	13	110502383	110503129	747	3	-0.987604	0.101125	110502225	110502541	110502890	110503364
398 NA10839	[2515685 chr14	14	18955661	18956256	596	2	-0.572246	0.100189	18955372	18955951	18956048	18956464
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409 NA10839	[2515685 chr15	15	18555968	18557255	1288	2	-0.714821	0.112004	18555543	18556394	18556441	18558064
410 NA10839	[2515685 chr15	15	18631540	18705202	73663	72	-0.272268	0.016711	18631292	18631788	18704600	18705804
411 NA10839	[2515685 chr15	15	18824476	18885687	61212	68	-0.295597	0.017865	18824302	18824650	18885482	18885894

412 NA10839	[2515685 chr15	15	19050775	19056269	5495	3	-0.375318	0.06476	19048080	19053078	19056068	19056471
413 NA10839	[2515685 chr15	15	19423414	19433642	10229	15	-0.306631	0.037144	19422609	19424220	19433151	1943413
414 NA10839	[2515685 chr15	15	19661791	19763727	101937	4	-0.432269	0.062763	19661464	19662119	19763507	1976394
415 NA10839	[2515685 chr15	15	20228094	20234328	6235	12	0.827643	0.040691	20226486	20229703	20233781	2023487
416 NA10839	[2515685 chr15	15	21009587	21015599	6013	4	-0.375156	0.058857	21006900	21011890	21015285	2101591
417 NA10839	[2515685 chr15	15	21605983	21614601	8619	8	0.754836	0.060802	21605507	21606459	21612298	2163669
418 NA10839	[2515685 chr15	15	22203281	22273856	70576	86	-0.274896	0.015616	22202730	22203833	22273719	2227399
419 NA10839	[2515685 chr15	15	24986053	24992250	6198	7	0.846201	0.062663	24985426	24986680	24991680	2499282
420 NA10839	[2515685 chr15	15	26316393	26323692	7300	10	0.252693	0.046713	26314214	26318572	26323198	2632418
421 NA10839	[2515685 chr15	15	26331811	26343818	12008	25	0.832683	0.028245	26331265	26332358	26342288	2634534
422 NA10839	[2515685 chr15	15	26536521	26542764	6244	12	0.829518	0.038782	26534914	26538129	26542214	2654331
423 NA10839	[2515685 chr15	15	26550607	26558193	7587	9	0.255286	0.049071	26549829	26551386	26556040	2656034
424 NA10839	[2515685 chr15	15	26608998	26610934	1937	8	0.26993	0.044309	26608799	26609197	26610755	2661111
425 NA10839	[2515685 chr15	15	27133610	27134889	1280	4	0.504325	0.076047	27133306	27133914	27134660	2713511
426 NA10839	[2515685 chr15	15	32461224	32656877	195654	200	0.368746	0.009485	32460923	32461525	32656150	3265760
427 NA10839	[2515685 chr15	15	39889385	39890850	1466	2	0.529751	0.096953	39888917	39889854	39890418	3989128
428 NA10839	[2515685 chr15	15	74678877	74682821	3945	7	-4.237895	0.143246	74678381	74679373	74680518	7468951
429 NA10839	[2515685 chr15	15	75117585	75119946	2362	4	-2.183692	0.11011	75117343	75117827	75119741	7512015
430 NA10839	[2515685 chr15	15	100109640	100122682	13043	98	0.557876	0.011706	100108905	100110376	100122315	10012305
431 NA10839	[2515685 chr15	15	100176655	100219687	43033	37	0.470178	0.023718	100176426	100176884	100217384	10022219
432 NA10839	[2515685 chr15	15	100259782	100262143	2362	2	-0.558667	0.096185	100255180	100262085	100262085	10026220
433 NA10839	[2515685 chr16	16	822510	824472	1963	2	0.526561	0.084431	822150	822871	823847	82509
434 NA10839	[2515685 chr16	16	946002	948831	2830	2	-1.08456	0.116726	945660	946345	947314	95034
435 NA10839	[2515685 chr16	16	2104285	2118066	13782	9	0.314437	0.041453	2103685	2104886	2117657	211847
436 NA10839	[2515685 chr16	16	5287117	5290632	3516	2	-0.779289	0.133635	5286149	5288085	5288751	529327
437 NA10839	[2515685 chr16	16	14699048	14708761	9714	8	0.319394	0.039273	14696316	14700929	14708411	1470911
438 NA10839	[2515685 chr16	16	14738166	14747883	9718	8	0.319394	0.039273	14735434	14740047	14747533	1474823
439 NA10839	[2515685 chr16	16	14915595	14929240	13646	38	0.258263	0.0203	14915197	14915993	14928914	1492956
440 NA10839	[2515685 chr16	16	16633469	16639120	5652	4	0.480035	0.073373	16632502	16634437	16638386	1663985
441 NA10839	[2515685 chr16	16	18010627	18014401	3775	3	-0.447971	0.079337	18010196	18011059	18012775	1801602
442 NA10839	[2515685 chr16	16	18340450	18356148	15699	48	0.262618	0.018073	18340304	18340596	18354801	1835749
443 NA10839	[2515685 chr16	16	21423444	21502620	79177	75	0.288874	0.015849	21422529	21424359	21501101	2150414
444 NA10839	[2515685 chr16	16	22458848	22618743	159896	146	0.301531	0.011332	22457280	22460417	22617181	2262030
445 NA10839	[2515685 chr16	16	28324917	28332627	7711	5	-0.63684	0.068382	28324665	28325169	28332615	2833263
446 NA10839	[2515685 chr16	16	28522768	28525408	2641	3	-0.43495	0.076727	28522366	28523170	28525115	2852570
447 NA10839	[2515685 chr16	16	28620329	28628077	7749	5	-0.63684	0.068382	28620317	28620341	28627777	2862837
448 NA10839	[2515685 chr16	16	28640305	28641597	1293	2	-0.65058	0.091195	28640208	28640403	28641268	2864192
449 NA10839	[2515685 chr16	16	30109671	30115274	5604	8	0.30092	0.040064	30109361	30109981	30115063	3011548
450 NA10839	[2515685 chr16	16	32154214	32197170	42957	98	-0.377024	0.013051	32154161	32154267	32196926	3219741
451 NA10839	[2515685 chr16	16	32210096	32219640	9545	19	-0.431189	0.028002	32209551	32210641	32219531	3221974
452 NA10839	[2515685 chr16	16	32479456	32560619	81164	86	-0.340945	0.009462	32400448	32481337	32559391	3256184
453 NA10839	[2515685 chr16	16	32570265	32612861	42597	103	-0.340945	0.009462	32570138	32570393	32612808	3261291
454 NA10839	[2515685 chr16	16	32614929	32616183	1255	2	-0.568938	0.08703	32614897	32614961	32615350	3261701
455 NA10839	[2515685 chr16	16	32765698	32770205	4508	7	-0.297627	0.056383	32765344	32766052	32768324	3277390
456 NA10839	[2515685 chr16	16	33095178	33194268	99091	227	-0.34266	0.008457	33095125	33095231	33194099	3319443
457 NA10839	[2515685 chr16	16	33207215	33217055	9841	18	-0.446928	0.029114	33206951	33207480	33216946	3321716
458 NA10839	[2515685 chr16	16	33320995	33397742	76748	100	-0.317972	0.014195	33320531	33321459	33397495	3339799
459 NA10839	[2515685 chr16	16	33448466	33475069	26604	8	-0.577583	0.055896	33447836	33449096	33474503	3347563
460 NA10839	[2515685 chr16	16	33502420	33540388	37969	47	-0.352736	0.021581	33502141	33502700	33540294	3354048
461 NA10839	[2515685 chr16	16	33720146	33723491	3346	5	-0.33164	0.061339	33716428	33722027	33723206	3372377
462 NA10839	[2515685 chr16	16	34321825	34342005	20181	31	-0.49698	0.008279	34317185	34323706	34341760	3434225
463 NA10839	[2515685 chr16	16	34343871	34609074	265204	287	-0.49698	0.008279	34343515	34344228	34607193	3461732
464 NA10839	[2515685 chr16	16	54353711	54362962	9252	10	-0.337406	0.048757	54353419	54354004	54362223	5436370
465 NA10839	[2515685 chr16	16	54365075	54369383	4309	6	-0.725329	0.055779	54364721	54365430	54368899	5436986
466 NA10839	[2515685 chr16	16	54376230	54380125	3896	3	-0.654552	0.092438	54375462	54376998	54379862	5438038

467 NA10839	[2515685 chr16	16	54398023	54423973	25951	34	0.267539	0.026006	54397874	54398173	54423188	54424751
468 NA10839	[2515685 chr16	16	57204541	57207585	3045	3	4.703466	0.205874	57204170	57204913	57206938	57208231
469 NA10839	[2515685 chr16	16	57231525	57234603	3079	2	-0.650484	0.094244	57230452	57232599	57233543	57235661
470 NA10839	[2515685 chr16	16	68706855	68755580	48726	53	-0.300509	0.019816	68705436	68708274	68755265	68755891
471 NA10839	[2515685 chr16	16	86669849	86672366	2518	2	-0.905173	0.095127	86669288	86670411	86671217	86673511
472 NA10839	[2515685 chr17	17	966845	969578	2734	21	0.788454	0.03642	966537	967154	969378	969775
473 NA10839	[2515685 chr17	17	13498423	13499435	1013	2	-0.585284	0.114542	13498240	13498607	13499132	13499731
474 NA10839	[2515685 chr17	17	18299050	18345735	46686	75	0.267458	0.016658	18298294	18299807	18345512	18345951
475 NA10839	[2515685 chr17	17	20299935	20300531	597	2	-0.486528	0.093733	20299568	20300303	20300311	20300751
476 NA10839	[2515685 chr17	17	20303847	20329497	25651	36	0.314393	0.023524	20303588	20304107	20329054	20329941
477 NA10839	[2515685 chr17	17	20622476	20629121	6646	5	0.330863	0.06333	20620424	20624529	20628851	20629391
478 NA10839	[2515685 chr17	17	21415033	21418282	3250	2	0.645641	0.114645	21410935	21417234	21417641	21418921
479 NA10839	[2515685 chr17	17	21826349	21834752	8404	7	0.676822	0.046633	21826238	21826461	21833710	21835791
480 NA10839	[2515685 chr17	17	21942843	21954469	11627	19	-0.343993	0.032336	21942618	21943068	21954310	21954621
481 NA10839	[2515685 chr17	17	31544784	31545508	725	2	-0.752263	0.087969	31544616	31544952	31545213	31545801
482 NA10839	[2515685 chr17	17	31553836	31589209	35374	47	-0.287805	0.018279	31553290	31554383	31588868	31589551
483 NA10839	[2515685 chr17	17	31655392	31814873	159482	101	-0.258676	0.012519	31654846	31655939	31814755	31814991
484 NA10839	[2515685 chr17	17	32829500	32833231	3732	5	0.921329	0.075965	32828825	32830175	32832670	32833791
485 NA10839	[2515685 chr17	17	33385578	33407706	22129	31	-0.321635	0.024291	33385532	33385625	33407335	33408071
486 NA10839	[2515685 chr17	17	33425794	33535932	110139	27	-0.321314	0.025841	33425759	33425830	33535814	33536051
487 NA10839	[2515685 chr17	17	33654387	33658961	4575	11	-0.412692	0.043696	33653601	33655173	33658926	33658991
488 NA10839	[2515685 chr17	17	36675530	36685343	9814	10	-0.860108	0.049951	36675011	36676049	36684647	36686041
489 NA10839	[2515685 chr17	17	36925980	36928437	2458	3	0.415677	0.08212	36925579	36926382	36928001	36928871
490 NA10839	[2515685 chr17	17	40928267	41060452	132186	178	0.346871	0.010357	40927895	40928640	41058251	41062691
491 NA10839	[2515685 chr17	17	41521287	42137411	616125	683	0.50879	0.004998	41521002	41521572	42135210	42141941
492 NA10839	[2515685 chr17	17	42446566	42488850	42285	71	0.386799	0.016173	42446148	42446985	42487442	42490251
493 NA10839	[2515685 chr17	17	60269002	60360580	91579	131	0.373109	0.012207	60268357	60269648	60360559	60360601
494 NA10839	[2515685 chr17	17	63634119	63659132	25014	2	0.432673	0.079082	63587668	63636320	63656931	63677911
495 NA10839	[2515685 chr17	17	75019369	75020755	1387	3	-0.372151	0.064689	75019115	75019623	75020523	75020981
496 NA10839	[2515685 chr17	17	75223639	75225100	1462	4	-0.427233	0.056269	75223385	75223893	75224893	75225301
497 NA10839	[2515685 chr18	18	3998874	4000433	1560	2	-0.597774	0.103889	3998420	3999328	4000096	4000771
498 NA10839	[2515685 chr18	18	6902997	6904611	1615	2	-0.76629	0.118534	6902443	6903552	6904056	6905161
499 NA10839	[2515685 chr18	18	12386896	12388854	1959	2	0.606664	0.090639	12386442	12387350	12388203	12389501
500 NA10839	[2515685 chr18	18	14726980	14737487	10508	14	-0.304456	0.037042	14726667	14727294	14736475	14738491
501 NA10839	[2515685 chr18	18	36514289	36521090	6802	6	-3.173236	0.105574	36513759	36514820	36520512	36521661
502 NA10839	[2515685 chr18	18	61917747	61920171	2425	4	4.733202	0.18334	61917522	61917973	61919646	61920691
503 NA10839	[2515685 chr18	18	74297715	74299391	1677	5	-0.722173	0.063376	74297243	74298187	74299167	74299611
504 NA10839	[2515685 chr18	18	74392800	74397377	4578	3	0.793498	0.099709	74390826	74394774	74396965	74397791
505 NA10839	[2515685 chr19	19	81406	82018	613	2	-0.558667	0.096185	81349	81464	81464	82572
506 NA10839	[2515685 chr19	19	310414	312953	2540	14	-0.57215	0.038081	309687	311142	312913	312994
507 NA10839	[2515685 chr19	19	331568	333129	1562	2	1.05798	0.101067	331314	331822	332310	333946
508 NA10839	[2515685 chr19	19	1200296	1202522	2227	3	0.462096	0.089584	1199725	1200868	1202197	1202841
509 NA10839	[2515685 chr19	19	1352259	1353860	1602	2	0.864848	0.120278	1351723	1352795	1353360	1354361
510 NA10839	[2515685 chr19	19	8708780	8761628	52849	91	0.38294	0.012328	8708296	8709264	8761174	8762081
511 NA10839	[2515685 chr19	19	20387625	20389273	1649	5	-0.348347	0.068418	20387407	20387844	20389176	20389371
512 NA10839	[2515685 chr19	19	20396073	20510144	114072	64	-0.531316	0.019084	20389518	20398603	20509558	20510731
513 NA10839	[2515685 chr19	19	23007901	23014812	6912	7	0.712442	0.062676	22990964	23010431	23014157	23015461
514 NA10839	[2515685 chr19	19	23257205	23258538	1334	2	-0.991125	0.126917	23256882	23257529	23258213	23258861
515 NA10839	[2515685 chr19	19	23597182	23600235	3054	5	-0.894018	0.070417	23596541	23597823	23599600	23600871
516 NA10839	[2515685 chr19	19	23685380	23687053	1674	2	-1.0298	0.128716	23685163	23685598	23686210	23687891
517 NA10839	[2515685 chr19	19	39419234	39422498	3265	5	0.574258	0.070258	39418853	39419616	39421681	39423311
518 NA10839	[2515685 chr19	19	41450184	41500389	50206	29	-0.605344	0.024486	41421528	41452714	41497859	41503581
519 NA10839	[2515685 chr19	19	41532761	41540854	8094	2	0.761252	0.116121	41532090	41533433	41538691	41543011
520 NA10839	[2515685 chr19	19	42450470	42487512	37043	33	-0.620163	0.021951	42413600	42453000	42486487	42488531
521 NA10839	[2515685 chr19	19	42534742	42540350	5609	2	-0.551151	0.108161	42530910	42537272	42537820	42544711

522 NA10839	[2515685 chr19	19	53098479	53154327	55849	104	-0.349279	0.011437	53098017	53098941	53152350	5315630!
523 NA10839	[2515685 chr19	19	55285877	55337601	51725	105	-0.343596	0.01129	55285730	55286025	55337070	5533813;
524 NA10839	[2515685 chr19	19	56788360	56792266	3907	4	-0.39351	0.068106	56788043	56788678	56791492	5679304!
525 NA10839	[2515685 chr19	19	58169057	58171564	2508	2	0.56573	0.094665	58168791	58169324	58171021	5817210!
526 NA10839	[2515685 chr19	19	58210435	58246367	35933	28	-0.75274	0.028459	58209863	58211007	58245896	5824683!
527 NA10839	[2515685 chr19	19	59247755	59252061	4307	5	0.956705	0.071338	59246427	59249084	59251854	5925226!
528 NA10839	[2515685 chr19	19	59416091	59439924	23834	32	0.358975	0.024106	59415770	59416413	59439547	5944030;
529 NA10839	[2515685 chr19	19	59492384	59498950	6567	7	0.441777	0.054858	59491977	59492791	59497077	5950082;
530 NA10839	[2515685 chr19	19	60958920	60976029	17110	15	-0.797048	0.039063	60957933	60959907	60957548	6097631!
531 NA10839	[2515685 chr20	20	59951513	59957050	5538	18	0.566096	0.033302	59950681	59952345	59956538	5995756;
532 NA10839	[2515685 chr20	20	61708834	61711805	2972	22	-0.283851	0.030737	61708573	61709096	61711616	6171199!
533 NA10839	[2515685 chr20	20	62066380	62068214	1835	8	1.536348	0.058996	62066146	62066615	62067671	6206875!
534 NA10839	[2515685 chr20	20	62275204	62278560	3357	36	0.325919	0.026203	62274903	62275506	62278299	6227882`
535 NA10839	[2515685 chr22	22	17032140	17254758	222619	359	-0.354875	0.007226	17031480	17032801	17252078	1725908-
536 NA10839	[2515685 chr22	22	18689531	19664203	974673	385	-0.312335	0.004192	18686307	18692211	19568526	1966688;
537 NA10839	[2515685 chr22	22	19774486	20042869	268384	398	-0.312335	0.004192	19774060	19774912	20042584	2004315-
538 NA10839	[2515685 chr22	22	20048306	20063725	15420	20	-0.312335	0.004192	20048017	20048596	20063575	2006387!
539 NA10839	[2515685 chr22	22	20067469	20121795	54327	91	-0.312335	0.004192	20067261	20067678	20121548	2012204;
540 NA10839	[2515685 chr22	22	20137248	20225049	87802	130	-0.312335	0.004192	20136561	20137935	20224841	2022525!
541 NA10839	[2515685 chr22	22	20228794	20243641	14848	12	-0.312335	0.004192	20228644	20228944	20240961	2030228;
542 NA10839	[2515685 chr22	22	21981918	22139776	157859	12	-0.271675	0.041273	21980511	21983326	22139670	2213988;
543 NA10839	[2515685 chr22	22	22611178	22617550	6373	8	-0.321881	0.016088	22609725	22612631	22617295	2261780!
544 NA10839	[2515685 chr22	22	22623673	22657783	34111	72	-0.321881	0.016088	22623407	22623940	22657533	2265803-
545 NA10839	[2515685 chr22	22	22667089	22669606	2518	5	0.429768	0.064415	22666536	22667642	22669060	2267015;
546 NA10839	[2515685 chr22	22	22669606	22720154	50549	53	1.109601	0.025664	22669060	22670152	22719882	2272042!
547 NA10839	[2515685 chr22	22	22721179	22729265	8087	11	0.444671	0.042766	22720466	22721893	22729812	2272961!
548 NA10839	[2515685 chr22	22	33619409	33623490	4082	5	0.780371	0.068637	33618939	33619879	33622642	3362433!
549 NA10839	[2515685 chr22	22	37617530	37624011	6482	8	-0.916693	0.058847	37616333	37618728	37621331	3762705!
550 NA10839	[2515685 chr22	22	37683358	37710208	26851	25	-0.646208	0.02974	37683063	37683653	37709974	3771044;
1 NA18942	[2515685 chr1	1	76985	92337	15353	9	0.322362	0.04851	76641	77329	90508	94167
2 NA18942	[2515685 chr1	1	601042	612159	11118	8	-0.786744	0.05237	587801	604315	610122	61419€
3 NA18942	[2515685 chr1	1	3469925	3472567	2643	2	-0.530362	0.093678	3469291	3470560	3471959	347317!
4 NA18942	[2515685 chr1	1	10502804	10506053	3250	3	0.446958	0.082621	10502450	10503159	10505467	1050664!
5 NA18942	[2515685 chr1	1	12829124	12854406	25283	41	0.313747	0.022227	12828579	12829669	12854279	1285453-
6 NA18942	[2515685 chr1	1	12884329	12886858	2530	4	0.556858	0.057937	12884224	12884434	12886536	1288718!
7 NA18942	[2515685 chr1	1	12887275	12888178	904	3	0.433984	0.073409	12887199	12887352	12887924	1288843;
8 NA18942	[2515685 chr1	1	12893626	12898767	5142	8	0.287048	0.040601	12893265	12893988	12893880	1289915!
9 NA18942	[2515685 chr1	1	12910834	12926091	15258	34	0.274135	0.023108	12910436	12911233	12926004	1292617!
10 NA18942	[2515685 chr1	1	12926542	12926956	415	2	-0.591441	0.116236	12926307	12926778	12926804	1292710!
11 NA18942	[2515685 chr1	1	13159940	13162706	2767	4	0.592065	0.053772	13159618	13160263	13162366	1316304!
12 NA18942	[2515685 chr1	1	13380737	13383503	2767	4	0.592062	0.053772	13380415	13381060	13383163	1338384-
13 NA18942	[2515685 chr1	1	25330950	25479952	149003	133	0.269767	0.012423	25330662	25331238	25476679	2548421!
14 NA18942	[2515685 chr1	1	72478372	72524180	45809	36	-3.208462	0.049132	72478140	72478604	72523661	7252470!
15 NA18942	[2515685 chr1	1	89188117	89190762	2646	5	2.012666	0.096815	89187764	89188470	89190458	8919106!
16 NA18942	[2515685 chr1	1	103827497	103834166	6670	16	0.529997	0.034302	103827175	103827820	103833999	10383433-
17 NA18942	[2515685 chr1	1	103848292	103866317	18026	27	0.702766	0.007944	103842566	103851565	103865345	10386729!
18 NA18942	[2515685 chr1	1	103873304	104015739	142436	229	0.702766	0.007944	103873021	103873587	104013178	10401830
19 NA18942	[2515685 chr1	1	104022641	104029695	7055	5	0.333038	0.064736	104022431	104022851	104028575	10403081!
20 NA18942	[2515685 chr1	1	105728161	105735462	7302	8	-4.367331	0.132825	105727820	105728503	105734532	10573639
21 NA18942	[2515685 chr1	1	108514938	108565175	50238	59	0.378978	0.019576	108514864	108515012	108565023	10856532
22 NA18942	[2515685 chr1	1	108638096	108688767	50672	60	0.386129	0.019276	108637939	108638254	108688693	10868884
23 NA18942	[2515685 chr1	1	109936541	109953240	16700	22	0.664965	0.031733	109935803	109937279	109952761	10995372!
24 NA18942	[2515685 chr1	1	109954457	109967219	12763	9	0.252474	0.050052	109954248	109954666	109966822	10996761!
25 NA18942	[2515685 chr1	1	120244720	120342752	98033	152	0.28404	0.011514	120243262	120246178	120342542	12034296
26 NA18942	[2515685 chr1	1	141902344	141981854	79511	186	0.271162	0.009006	141902175	141902514	141978581	14203010

27 NA18942	[2515685 chr1	1	142091152	142098545	7394	17	0.359158	0.031017	142091076	142091228	142098113	14209897
28 NA18942	[2515685 chr1	1	142438646	142567937	129292	157	0.363275	0.011569	142438189	142439104	142567100	14256877
29 NA18942	[2515685 chr1	1	142699592	142753388	53797	96	0.308021	0.015011	142699467	142699718	142753074	14275370
30 NA18942	[2515685 chr1	1	145031115	145117170	86056	214	0.265875	0.008531	145030976	145031254	145116569	14511777
31 NA18942	[2515685 chr1	1	145376450	145418414	41965	83	0.261446	0.013261	145375789	145377112	145418405	14541842
32 NA18942	[2515685 chr1	1	145537779	145580771	42993	80	0.257694	0.013421	145537725	145537833	145580725	14558081
33 NA18942	[2515685 chr1	1	145819541	145840436	20896	24	0.408372	0.031055	145819262	145819821	145840201	14584067
34 NA18942	[2515685 chr1	1	145920044	145951531	31488	37	0.438605	0.024542	145919709	145920380	145951467	14595159
35 NA18942	[2515685 chr1	1	146140549	146146670	6122	3	0.487293	0.070635	146092563	146143822	146146437	14614690
36 NA18942	[2515685 chr1	1	146331954	146341151	9198	28	0.388187	0.022793	146331906	146332002	146341146	14634115
37 NA18942	[2515685 chr1	1	146391020	146391476	457	2	0.669815	0.08658	146390812	146391228	146391229	14639172
38 NA18942	[2515685 chr1	1	148998878	149005918	7041	13	0.529669	0.032335	148998401	148999355	149004680	14900715
39 NA18942	[2515685 chr1	1	149368571	149385742	17172	3	-1.240475	0.095393	149368105	149369038	149385339	14938614
40 NA18942	[2515685 chr1	1	149385742	149399435	13694	19	-3.010315	0.066062	149385339	149386145	149399080	14939979
41 NA18942	[2515685 chr1	1	149573040	149583431	10392	6	0.864462	0.068163	149572621	149573460	149582912	14958395
42 NA18942	[2515685 chr1	1	158224068	158225480	1413	2	-0.437161	0.072308	158223552	158224584	158225276	15822568
43 NA18942	[2515685 chr1	1	158231105	158232881	1777	2	-0.437161	0.072308	158230227	158231984	158232676	15823308
44 NA18942	[2515685 chr1	1	158245896	158247672	1777	2	-0.437161	0.072308	158245018	158246775	158247467	15824787
45 NA18942	[2515685 chr1	1	158253277	158255053	1777	2	-0.437161	0.072308	158252398	158254156	158254848	15825525
46 NA18942	[2515685 chr1	1	171527310	171533429	6120	6	-2.914753	0.111635	171526198	171528423	171533245	17153361
47 NA18942	[2515685 chr1	1	186349430	186351478	2049	3	-0.465675	0.08898	186349152	186349708	186351036	18635192
48 NA18942	[2515685 chr1	1	192541700	192547982	6283	3	-0.479237	0.081067	192541312	192542088	192547786	19254817
49 NA18942	[2515685 chr1	1	193506114	193507124	1011	2	-1.244492	0.114315	193505891	193506337	193506764	19350748
50 NA18942	[2515685 chr1	1	193532654	193541556	8903	5	-0.33242	0.06325	193532443	193532865	193540241	19354287
51 NA18942	[2515685 chr1	1	218762650	218768272	5623	6	0.486744	0.061377	218762212	218763089	218767017	21876952
52 NA18942	[2515685 chr1	1	221978898	221980991	2094	2	0.528758	0.095638	221978148	221979648	221980441	22198154
53 NA18942	[2515685 chr1	1	233202665	233204956	2292	42	-0.317409	0.018736	233202312	233203018	233204364	23320554
54 NA18942	[2515685 chr1	1	236719047	236720968	1922	3	-0.949282	0.087954	236718751	236719344	236720749	23672118
55 NA18942	[2515685 chr1	1	239368545	239481887	113343	13	-0.439659	0.0413	239368239	239368851	239478614	23949135
56 NA18942	[2515685 chr2	2	388500	390704	2205	6	-0.688865	0.061625	387915	389086	390173	391236
57 NA18942	[2515685 chr2	2	13477201	13505768	28568	31	0.274192	0.017171	13476896	13477506	13505533	1350600
58 NA18942	[2515685 chr2	2	13508038	13516059	8022	8	0.274192	0.017171	13507783	13508293	13512022	1351901
59 NA18942	[2515685 chr2	2	13531646	13548616	16971	17	0.274192	0.017171	13530427	13532866	13548319	1354891
60 NA18942	[2515685 chr2	2	14632502	14635533	3032	2	-0.512907	0.091386	14632427	14632577	14634482	1463658
61 NA18942	[2515685 chr2	2	34607369	34644771	37403	38	0.800596	0.025477	34601818	34610328	34641812	3464839
62 NA18942	[2515685 chr2	2	35781174	35797517	16344	10	-0.270751	0.044965	35780959	35781390	35797295	3579774
63 NA18942	[2515685 chr2	2	35896471	35905938	9468	3	-0.92441	0.088615	35879425	35899430	35902979	3590982
64 NA18942	[2515685 chr2	2	35962678	35963578	901	2	-0.765581	0.125087	35962370	35962986	35963398	3596375
65 NA18942	[2515685 chr2	2	36245925	36253915	7991	4	-0.944032	0.082739	36243469	36248382	36250956	3625755
66 NA18942	[2515685 chr2	2	36300730	36301664	935	2	-0.67604	0.121641	36300432	36301028	36301462	3630186
67 NA18942	[2515685 chr2	2	46605650	46609015	3366	4	-0.696439	0.087949	46605255	46606046	46608607	4660942
68 NA18942	[2515685 chr2	2	52661573	52696869	35297	26	-0.98584	0.031662	52661218	52661928	52696416	5269732
69 NA18942	[2515685 chr2	2	75296507	75298934	2428	2	0.542639	0.104507	75296056	75296959	75298532	7529933
70 NA18942	[2515685 chr2	2	80715237	80716876	1640	2	-0.465891	0.092915	80714646	80715829	80716511	8071724
71 NA18942	[2515685 chr2	2	87981677	88064964	83288	7	0.476532	0.057358	87965922	87984636	88062005	8807338
72 NA18942	[2515685 chr2	2	88121358	88126839	5482	9	0.29558	0.047683	88121177	88121539	88126458	8812722
73 NA18942	[2515685 chr2	2	97184386	97189741	5356	2	-0.73781	0.102484	97182781	97185992	97186782	9719672
74 NA18942	[2515685 chr2	2	106338419	106344320	5902	7	-0.555901	0.063204	106337769	106339069	106344055	10634458
75 NA18942	[2515685 chr2	2	108313968	108314875	908	2	0.704926	0.114554	108313664	108314272	108314680	10831507
76 NA18942	[2515685 chr2	2	110045666	110088603	42938	47	0.256189	0.020056	110045166	110046166	110088459	11008874
77 NA18942	[2515685 chr2	2	110590037	110632991	42955	39	0.257834	0.021701	110589893	110590182	110632491	11063349
78 NA18942	[2515685 chr2	2	126159437	126168349	8913	3	-3.644332	0.162221	126158494	126160381	126168048	12616865
79 NA18942	[2515685 chr2	2	130410671	130434636	23966	16	-0.361812	0.037536	130410236	130411106	130434351	13043492
80 NA18942	[2515685 chr2	2	146694139	146710744	16606	17	0.815158	0.040809	146688620	146697098	146710557	14671093
81 NA18942	[2515685 chr2	2	153622711	153625256	2546	3	0.841546	0.094998	153621175	153624247	153625088	15362542

82 NA18942	[2515685 chr2	2	208176479	208184457	7979	7	0.871727	0.060721	208176093	208176865	208183930	20818498
83 NA18942	[2515685 chr2	2	241153460	241234030	80571	67	0.398571	0.017755	241141812	241156419	241233604	24123445
84 NA18942	[2515685 chr2	2	242664580	242668683	4104	10	1.38713	0.041631	242664284	242664877	242668532	24266883
85 NA18942	[2515685 chr3	3	1757211	1765712	8502	2	0.91988	0.118031	1756096	1758327	1762058	1797300
86 NA18942	[2515685 chr3	3	41574298	41578539	4242	2	-0.810765	0.116148	41573753	41574843	41575292	41581781
87 NA18942	[2515685 chr3	3	50888459	50888513	55	2	0.735571	0.11019	50888445	50888474	50888495	5088853
88 NA18942	[2515685 chr3	3	133191392	133196576	5185	5	-0.869607	0.065088	133190820	133191965	133195824	13319732
89 NA18942	[2515685 chr3	3	139287057	139289507	2451	3	0.980129	0.114343	139286041	139288073	139289200	13928981
90 NA18942	[2515685 chr3	3	156042614	156043843	1230	2	-0.651009	0.111429	156042074	156043154	156043483	15604420
91 NA18942	[2515685 chr3	3	163695625	163718089	22465	23	-0.976782	0.035362	163692969	163698282	1637117674	16371850
92 NA18942	[2515685 chr3	3	163994430	164008330	13901	18	2.493887	0.031115	163993067	163995793	164008010	16400865
93 NA18942	[2515685 chr3	3	164031309	164106083	74775	68	2.493887	0.031115	164027655	164036948	164105649	16410651
94 NA18942	[2515685 chr3	3	164106083	164108502	2420	2	0.579271	0.113708	164105649	164106517	164108018	16410898
95 NA18942	[2515685 chr3	3	164199936	164205886	5951	6	-0.868534	0.072682	164199686	164200187	164204674	16420709
96 NA18942	[2515685 chr3	3	190846156	190852181	6026	4	-1.051758	0.080122	190845504	190846809	190850598	19085376
97 NA18942	[2515685 chr3	3	191219813	191223326	3514	4	0.799331	0.076246	191219291	191220336	191222918	19122373
98 NA18942	[2515685 chr3	3	192547312	192554331	7020	10	0.944361	0.053122	192546950	192547674	192554127	19255453
99 NA18942	[2515685 chr3	3	196679304	196713768	34465	36	0.590075	0.020418	196677636	196680972	196711768	19671576
100 NA18942	[2515685 chr3	3	196943833	196965802	21970	18	-0.453531	0.034727	196943538	196944128	196965494	19696611
101 NA18942	[2515685 chr3	3	196994475	197002965	8491	10	0.723235	0.046046	196994054	196994896	197002044	19700388
102 NA18942	[2515685 chr3	3	198043467	198046340	2874	4	0.512544	0.067735	198043278	198043657	198045914	19804676
103 NA18942	[2515685 chr3	3	198422794	198427408	4615	2	1.023909	0.124641	198422381	198423207	198423959	19843085
104 NA18942	[2515685 chr3	3	198674426	198675470	1045	6	-0.526267	0.053355	198674161	198674692	198674903	19867603
105 NA18942	[2515685 chr3	3	199313925	199321616	7692	16	-0.559557	0.030542	199313515	199314336	199321283	19932194
106 NA18942	[2515685 chr4	4	8998171	9046719	48549	87	0.389136	0.011485	8850774	9001243	9046129	9047305
107 NA18942	[2515685 chr4	4	9812346	9813108	763	33	1.026686	0.020576	9812284	9812408	9812952	9813265
108 NA18942	[2515685 chr4	4	9887220	9911397	24178	31	2.316989	0.046244	9886886	9887555	9910388	9912407
109 NA18942	[2515685 chr4	4	34602797	34650994	48198	45	0.826611	0.024275	34601994	34603600	34649535	3465245
110 NA18942	[2515685 chr4	4	40593181	40602523	9343	2	0.553538	0.109749	40590540	40595822	40599451	4061064
111 NA18942	[2515685 chr4	4	58000242	58001412	1171	2	-0.538876	0.097758	57999935	58000550	58000984	5800184
112 NA18942	[2515685 chr4	4	63500368	63504889	4522	5	-1.07981	0.083668	63494261	63503440	63504639	6350514
113 NA18942	[2515685 chr4	4	64522941	64543857	20917	20	-0.926348	0.038409	64522682	64523201	64542552	6454516
114 NA18942	[2515685 chr4	4	70305618	70418701	113084	113	0.455368	0.014335	70305512	70305724	70418467	7041893
115 NA18942	[2515685 chr4	4	115865203	115869487	4285	3	-0.914863	0.100373	115864913	115865494	115866415	11587556
116 NA18942	[2515685 chr4	4	125304905	125306512	1608	3	0.540216	0.087415	125304587	125305223	125306235	12530678
117 NA18942	[2515685 chr4	4	133536186	133540723	4538	3	-2.415438	0.156532	133531398	133539258	133540462	13354098
118 NA18942	[2515685 chr4	4	138537751	138549906	12156	14	0.890864	0.045268	138537443	138538059	138547414	13855239
119 NA18942	[2515685 chr4	4	145013091	145017379	4289	4	0.527192	0.080312	145010831	145015351	145017113	14501764
120 NA18942	[2515685 chr4	4	145240980	145245588	4609	4	-0.786053	0.088386	145240473	145241488	145245192	14524598
121 NA18942	[2515685 chr4	4	161371184	161377067	5884	10	-0.966034	0.052146	161370737	161371632	161376564	16137757
122 NA18942	[2515685 chr4	4	162217911	162289219	71309	70	0.958489	0.01897	162216641	162219182	162288939	16228949
123 NA18942	[2515685 chr4	4	162312826	162313795	970	2	0.684522	0.117516	162312706	162312947	162313453	16231413
124 NA18942	[2515685 chr4	4	162806038	162809269	3232	3	0.817967	0.084461	162804872	162807204	162808734	16280980
125 NA18942	[2515685 chr4	4	169183401	169368370	184970	161	0.82114	0.012425	169182712	169184090	169366713	16937002
126 NA18942	[2515685 chr4	4	173799832	173807327	7496	6	-3.571667	0.146854	173799464	173800201	173804255	17381134
127 NA18942	[2515685 chr4	4	178581358	178591479	10122	7	-0.964094	0.067534	178578974	178583742	178591109	17859184
128 NA18942	[2515685 chr4	4	183944886	183947025	2140	3	-1.103351	0.088556	183944291	183945482	183946755	18394729
129 NA18942	[2515685 chr4	4	185533276	185544849	11574	11	0.896972	0.048005	185532696	185533857	185543276	18554642
130 NA18942	[2515685 chr4	4	187728494	187732907	4414	15	3.111218	0.06708	187728193	187728795	187732541	18773327
131 NA18942	[2515685 chr4	4	188255523	188269680	14158	235	0.885973	0.009154	188255215	188255831	188269403	18826995
132 NA18942	[2515685 chr4	4	190528602	190533163	4562	21	-0.686931	0.032651	190528058	190529146	190531664	19053466
133 NA18942	[2515685 chr4	4	190845771	191040778	195008	206	0.270446	0.010002	190845056	190846486	191037706	19104596
134 NA18942	[2515685 chr5	5	520743	521684	942	5	1.073173	0.078963	520428	521059	521427	521942
135 NA18942	[2515685 chr5	5	1075284	1079920	4637	24	0.738242	0.028865	1074709	1075859	1079566	1080275
136 NA18942	[2515685 chr5	5	1223248	1223930	683	5	1.48889	0.06672	1223057	1223439	1223854	1224007

137 NA18942	[2515685 chr5	5	19410747	19412172	1426	3	0.736827	0.085535	19410189	19411305	19411980	1941236!
138 NA18942	[2515685 chr5	5	21483394	21488147	4754	4	-3.606038	0.139537	21480817	21485972	21487855	2148843!
139 NA18942	[2515685 chr5	5	21971730	22049242	77513	119	0.255376	0.012093	21971258	21972202	22048833	2204965!
140 NA18942	[2515685 chr5	5	57336601	57348961	12361	4	-0.43197	0.078088	57313240	57339800	57348456	5734946!
141 NA18942	[2515685 chr5	5	57359558	57369858	10301	9	3.213233	0.092487	57359213	57359904	57367789	5737192!
142 NA18942	[2515685 chr5	5	68865200	68886836	21637	45	0.743153	0.023316	68864770	68865630	68886492	6888718!
143 NA18942	[2515685 chr5	5	69269791	69510718	240928	386	0.298754	0.00598	69269490	69270092	69510624	6951081!
144 NA18942	[2515685 chr5	5	69974791	69976828	2038	6	0.387812	0.041747	69974756	69974826	69976597	6997706!
145 NA18942	[2515685 chr5	5	70144831	70233663	88833	141	0.277419	0.009692	70144530	70145132	70233369	7023395!
146 NA18942	[2515685 chr5	5	70234358	70286789	52432	51	0.455354	0.016348	70233958	70234758	70286122	7028745!
147 NA18942	[2515685 chr5	5	70403953	70426554	22602	43	0.791991	0.023837	70403337	70404569	70425419	7042768!
148 NA18942	[2515685 chr5	5	70461994	70511908	49915	101	0.304436	0.011804	70461956	70462032	70511607	7051221!
149 NA18942	[2515685 chr5	5	79992681	79999566	6886	7	0.325581	0.060282	79992202	79993161	79998428	8000070!
150 NA18942	[2515685 chr5	5	81459206	81466062	6857	2	-1.529019	0.12319	81455614	81462405	81462863	8147028!
151 NA18942	[2515685 chr5	5	97427204	97428353	1150	2	0.901946	0.11734	97426913	97427496	97428177	9742852!
152 NA18942	[2515685 chr5	5	98692416	98694362	1947	3	0.581411	0.08314	98691745	98693087	98694014	9869471!
153 NA18942	[2515685 chr5	5	98867127	98870861	3735	2	-1.665763	0.161839	98864129	98870125	98870667	9887105!
154 NA18942	[2515685 chr5	5	99409393	99419037	9645	13	-0.45464	0.041222	99408997	99409789	99418328	9941974!
155 NA18942	[2515685 chr5	5	137834875	137844134	9260	8	0.68775	0.057935	137834139	137835611	137843310	13784495!
156 NA18942	[2515685 chr5	5	140203081	140218928	15848	20	2.336883	0.055741	140202344	140203819	140218508	14021934!
157 NA18942	[2515685 chr5	5	140534849	140540106	5258	5	0.491923	0.067092	140534700	140534999	140539007	14054120!
158 NA18942	[2515685 chr5	5	150157909	150161837	3929	6	-0.999148	0.070937	150157286	150158532	150161621	15016205!
159 NA18942	[2515685 chr5	5	150183322	150203801	20480	11	-0.789558	0.04833	150181427	150185218	150203451	15020415!
160 NA18942	[2515685 chr5	5	180309823	180363417	53595	51	0.632097	0.021548	180309690	180309956	180363120	18036371!
161 NA18942	[2515685 chr6	6	29607035	29608790	1756	2	-0.606509	0.108811	29606739	29607332	29608263	2960931!
162 NA18942	[2515685 chr6	6	29973305	29978265	4961	3	0.492954	0.075482	29972995	29973615	29976044	2998048!
163 NA18942	[2515685 chr6	6	29993500	29999266	5767	4	-0.676629	0.09622	29992800	29994200	29998037	3000049!
164 NA18942	[2515685 chr6	6	30063619	30064799	1181	2	0.6927	0.103649	30063441	30063797	30064536	3006506!
165 NA18942	[2515685 chr6	6	31383567	31386100	2534	3	-0.964432	0.100659	31383185	31383949	31385806	3138639!
166 NA18942	[2515685 chr6	6	32466735	32477058	10324	8	-0.407163	0.051126	32465721	32467750	32467327	3247779!
167 NA18942	[2515685 chr6	6	32538780	32547042	8263	4	-0.403314	0.075102	32538477	32539084	32546557	3254752!
168 NA18942	[2515685 chr6	6	32561866	32586862	24997	6	-0.740102	0.111739	32560230	32563503	32586127	3258759!
169 NA18942	[2515685 chr6	6	32589957	32591649	1693	3	-0.483136	0.087392	32589338	32590576	32591403	3259189!
170 NA18942	[2515685 chr6	6	32605125	32605958	834	2	-0.932924	0.125377	32604923	32605328	32605760	3260615!
171 NA18942	[2515685 chr6	6	32631127	32632349	1223	2	-0.673183	0.127458	32630911	32631343	32632089	3263261!
172 NA18942	[2515685 chr6	6	32653862	32655482	1621	3	1.396915	0.142297	32653679	32654046	32654980	3265598!
173 NA18942	[2515685 chr6	6	32666229	32667673	1445	3	0.671704	0.084553	32665899	32666560	32667507	3266783!
174 NA18942	[2515685 chr6	6	32678696	32680751	2056	3	0.692753	0.09495	32678507	32678885	32680547	3268095!
175 NA18942	[2515685 chr6	6	32702716	32707706	4991	4	-0.481238	0.067703	32702285	32703148	32707455	3270795!
176 NA18942	[2515685 chr6	6	54036900	54042384	5485	5	3.864399	0.162422	54036573	54037227	54041771	5404299!
177 NA18942	[2515685 chr6	6	63656044	63658372	2329	3	-0.74678	0.084629	63655444	63656644	63658061	6365868!
178 NA18942	[2515685 chr6	6	66455162	66462038	6877	5	-3.097731	0.131227	66454046	66456278	66461410	6646266!
179 NA18942	[2515685 chr6	6	77495034	77513522	18489	12	0.792084	0.047335	77493568	77496500	77510011	7751769!
180 NA18942	[2515685 chr6	6	79023318	79093263	69946	70	0.798083	0.019033	79022028	79024609	79091909	7909461!
181 NA18942	[2515685 chr6	6	81356028	81360364	4337	6	-0.977629	0.06565	81355797	81356260	81360134	8136059!
182 NA18942	[2515685 chr6	6	103844685	103871201	26517	17	2.557968	0.074855	103844347	103845023	103868241	10387416!
183 NA18942	[2515685 chr6	6	114803933	114805355	1423	2	0.478463	0.09488	114803526	114804340	114805080	11480563!
184 NA18942	[2515685 chr6	6	115492959	115494541	1583	2	1.151491	0.130198	115492698	115493240	115494140	11549494!
185 NA18942	[2515685 chr6	6	120671191	120671916	726	2	1.017182	0.113233	120670676	120671686	120671725	12067210!
186 NA18942	[2515685 chr6	6	143949218	143952380	3163	2	0.690314	0.123765	143948651	143949786	143951280	14395348!
187 NA18942	[2515685 chr6	6	143998763	144001320	2558	2	0.755023	0.10433	143997938	143999589	144000924	14400171!
188 NA18942	[2515685 chr6	6	161001907	161038394	36488	61	0.54142	0.013819	161001167	161002648	161038184	16103860!
189 NA18942	[2515685 chr6	6	162821530	162823040	1511	2	-0.583327	0.101328	162821109	162821951	162822743	16282333!
190 NA18942	[2515685 chr6	6	170603879	170604666	788	2	-1.640821	0.115687	170603541	170604217	170604339	17060499!
191 NA18942	[2515685 chr7	7	928371	930663	2293	6	0.540886	0.060361	928117	928626	930382	930945!



192 NA18942	[2515685 chr7	7	3215892	3243170	27279	33	0.565964	0.026499	3215493	3216292	3242820	3243520
193 NA18942	[2515685 chr7	7	3384111	3392461	8351	8	0.905168	0.057419	3383451	3384772	3390107	3395611
194 NA18942	[2515685 chr7	7	43774540	43856045	81506	109	0.433564	0.012134	43774344	43774737	43853730	43858361
195 NA18942	[2515685 chr7	7	51954033	52682888	728856	10	-0.259641	0.044868	51807710	51956387	52680534	5281088:
196 NA18942	[2515685 chr7	7	53752918	53757548	4631	6	-0.309497	0.060205	53752626	53753211	53757371	53757721
197 NA18942	[2515685 chr7	7	63995985	64009675	13691	17	0.344662	0.035998	63995676	63996294	64009043	6401030:
198 NA18942	[2515685 chr7	7	64029672	64045487	15816	44	-0.287848	0.02119	64029291	64030053	64045069	64045901
199 NA18942	[2515685 chr7	7	64162316	64165371	3056	2	0.783911	0.130851	64160143	64164489	64165089	6416565:
200 NA18942	[2515685 chr7	7	64464087	64481591	17505	45	-0.268438	0.020889	64463669	64464506	64481417	6448176:
201 NA18942	[2515685 chr7	7	64538610	64556662	18053	47	-0.261231	0.020138	64537873	64539348	64556244	64557081
202 NA18942	[2515685 chr7	7	64690171	64725545	35375	39	0.419083	0.022583	64689761	64690582	64725209	6472588:
203 NA18942	[2515685 chr7	7	66185764	66207769	22006	42	0.28282	0.017893	66185376	66186152	66206727	6620881:
204 NA18942	[2515685 chr7	7	71775031	71788013	12983	30	0.307359	0.022127	71773381	71776681	71776589	7178843:
205 NA18942	[2515685 chr7	7	73698894	73700080	1187	3	0.419395	0.083045	73698686	73699103	73699523	7370063:
206 NA18942	[2515685 chr7	7	73917034	73918196	1163	2	1.128458	0.101108	73917029	73917040	73917270	7391912:
207 NA18942	[2515685 chr7	7	73965656	73966691	1036	4	0.429658	0.071363	73965279	73966033	73966513	73966871
208 NA18942	[2515685 chr7	7	74417518	74418680	1163	2	1.128458	0.101108	74416593	74418444	74418675	74418681
209 NA18942	[2515685 chr7	7	74766333	74784981	18649	43	0.300617	0.018785	74766323	74766343	74784968	7478499:
210 NA18942	[2515685 chr7	7	75798168	75817178	19011	42	0.296085	0.018233	75797734	75798602	75817169	7581718:
211 NA18942	[2515685 chr7	7	92971481	92976895	5415	4	0.78564	0.086167	92971060	92971903	92975569	9297822:
212 NA18942	[2515685 chr7	7	101569778	101591961	22184	47	0.28739	0.017637	101569535	101570022	101591559	10159236
213 NA18942	[2515685 chr7	7	101706881	101925433	218553	311	0.468211	0.006704	101690888	101709235	101924670	10192619
214 NA18942	[2515685 chr7	7	109034780	109048749	13970	10	2.739753	0.079375	109024063	109037134	109046953	10905054
215 NA18942	[2515685 chr7	7	133245202	133257363	12162	13	2.636164	0.07878	133244207	133246197	133255009	13326093
216 NA18942	[2515685 chr7	7	141495319	141505136	9818	12	-0.439622	0.039973	141494721	141495918	141504428	14150584
217 NA18942	[2515685 chr7	7	141505136	141521152	16017	19	-1.740941	0.052183	141504428	141505844	141520892	14152141:
218 NA18942	[2515685 chr7	7	141521152	141526577	5426	9	-0.418418	0.044354	141520892	141521412	141526109	14152704
219 NA18942	[2515685 chr7	7	141960848	141991871	31024	37	-0.370592	0.024001	141960004	141961693	141991092	14199265
220 NA18942	[2515685 chr7	7	142936330	142944772	8443	12	0.359041	0.041333	142936028	142936632	142944596	14294494
221 NA18942	[2515685 chr7	7	143257273	143259025	1753	2	-0.573368	0.111646	143256987	143257560	143258671	14325938
222 NA18942	[2515685 chr7	7	143346673	143348067	1395	5	-1.89257	0.078324	143346643	143346704	143347806	14334832
223 NA18942	[2515685 chr7	7	143472403	143473797	1395	5	-1.892565	0.078324	143472142	143472664	143473766	14347382
224 NA18942	[2515685 chr7	7	148987797	149303127	315331	339	0.312756	0.007991	148987435	148988160	149302630	14930362
225 NA18942	[2515685 chr7	7	152921169	153246240	325072	350	0.334973	0.007886	152920786	152921552	153245987	15324649
226 NA18942	[2515685 chr7	7	155886350	155893882	7533	5	-0.624067	0.06655	155885986	155886714	155893433	15589433
227 NA18942	[2515685 chr7	7	156939035	156942423	3389	5	-0.97824	0.06006	156938932	156939138	156941474	15694337
228 NA18942	[2515685 chr7	7	157017083	157018249	1167	2	0.649716	0.116696	157016604	157017563	157017820	15701867
229 NA18942	[2515685 chr7	7	157023614	157027930	4317	7	0.374784	0.054902	157023242	157023987	157027451	15702840
230 NA18942	[2515685 chr7	7	158617060	158624382	7323	6	1.002098	0.068943	158616763	158617357	158622028	15862673
231 NA18942	[2515685 chr8	8	1328256	1343509	15254	45	-0.560924	0.019305	1327688	1328824	1342795	134422:
232 NA18942	[2515685 chr8	8	1394513	1398803	4291	6	-0.408508	0.063917	1393955	1395072	1398426	139918:
233 NA18942	[2515685 chr8	8	2238728	2253799	15072	10	0.788228	0.052037	2233839	2241488	2251039	2257521
234 NA18942	[2515685 chr8	8	4110204	4112526	2323	2	3.864847	0.240391	4109692	4110717	4112031	411302:
235 NA18942	[2515685 chr8	8	5582875	5594011	11137	9	0.862438	0.048792	5582615	5583135	5592820	559520:
236 NA18942	[2515685 chr8	8	6812413	6813967	1555	2	0.691157	0.103136	6811881	6812946	6813560	681437:
237 NA18942	[2515685 chr8	8	6817073	6866734	49662	88	0.667089	0.013078	6816809	6817338	6866719	6866751
238 NA18942	[2515685 chr8	8	7098713	7430731	332019	771	-0.354885	0.003101	7098285	7099142	7430300	743116:
239 NA18942	[2515685 chr8	8	7607253	7830060	222808	532	-0.354885	0.003101	7606824	7607682	7829852	7830261
240 NA18942	[2515685 chr8	8	7878189	7928723	50535	147	-0.354885	0.003101	7876934	7879444	7928292	792915:
241 NA18942	[2515685 chr8	8	12023134	12033723	10590	29	0.296162	0.027161	12022997	12023272	12033419	1203402:
242 NA18942	[2515685 chr8	8	12034819	12072888	38070	78	-0.363877	0.014195	12034665	12034973	12072625	1207315:
243 NA18942	[2515685 chr8	8	12306216	12322179	15964	36	-0.42184	0.019682	12306055	12306377	12321906	1232245:
244 NA18942	[2515685 chr8	8	16245461	16251509	6049	6	-0.942931	0.067804	16245129	16245794	16250812	1625220:
245 NA18942	[2515685 chr8	8	18889466	18892088	2623	3	-0.470465	0.093635	18888908	18890025	18891580	18892591
246 NA18942	[2515685 chr8	8	18900549	18901909	1361	2	-0.731072	0.107396	18900138	18900960	18901577	1890224:

247 NA18942	[2515685 chr8	8	20022286	20024771	2486	2	-0.746076	0.115052	20021082	20023491	20024338	20025204
248 NA18942	[2515685 chr8	8	39352204	39506673	154470	161	-2.167049	0.020605	39351913	39352495	39505284	39508064
249 NA18942	[2515685 chr8	8	58276887	58289214	12328	10	0.690009	0.038965	58276659	58277116	58288084	58290344
250 NA18942	[2515685 chr8	8	85423649	85431920	8272	7	0.894181	0.05693	85423043	85424256	85431347	85432494
251 NA18942	[2515685 chr8	8	86742169	86910255	168087	105	0.471157	0.011304	86741757	86742581	86910002	86910504
252 NA18942	[2515685 chr8	8	120222654	120229952	7299	6	0.817576	0.062713	120218251	120225414	120229434	120230474
253 NA18942	[2515685 chr8	8	144782804	144785960	3157	2	-1.624291	0.12939	144771440	144785564	144785821	144786094
254 NA18942	[2515685 chr9	9	310045	312573	2529	61	0.439694	0.016889	309952	310139	312407	312740
255 NA18942	[2515685 chr9	9	603464	604941	1478	2	-0.54539	0.107102	603138	603791	604502	605380
256 NA18942	[2515685 chr9	9	7875387	8411266	535880	7	-0.307552	0.052881	7817373	7877756	8408897	8501613
257 NA18942	[2515685 chr9	9	16890360	16893972	3613	4	-0.570905	0.07833	16889923	16890798	16893672	16894274
258 NA18942	[2515685 chr9	9	38763857	38952823	188967	330	-0.26878	0.007894	38761896	38765818	38952514	38953134
259 NA18942	[2515685 chr9	9	38973401	38974176	776	2	0.596869	0.100194	38973122	38973680	38974034	38974314
260 NA18942	[2515685 chr9	9	40259956	40273456	13501	27	-0.368414	0.029271	40259802	40260111	40271087	40276964
261 NA18942	[2515685 chr9	9	41125241	41125745	505	2	0.596868	0.100194	41125099	41125384	41125737	41125754
262 NA18942	[2515685 chr9	9	41144937	41284169	139233	247	-0.256021	0.00916	41144706	41145169	41281800	41333734
263 NA18942	[2515685 chr9	9	43059964	43066832	6869	15	-0.34953	0.035992	43059908	43060020	43066646	43067014
264 NA18942	[2515685 chr9	9	43182765	43196301	13537	26	-0.39097	0.029226	43179223	43185134	43196147	43196454
265 NA18942	[2515685 chr9	9	43965867	44064418	98552	21	-0.295448	0.027341	43961965	43968236	44064295	44064544
266 NA18942	[2515685 chr9	9	65937679	65938183	505	2	0.596867	0.100194	65937537	65937822	65938175	65938194
267 NA18942	[2515685 chr9	9	65957375	66148053	190679	315	-0.258761	0.008023	65957144	65957607	66147715	66148394
268 NA18942	[2515685 chr9	9	89405187	89407924	2738	2	-0.970667	0.110621	89404572	89405803	89407164	89408684
269 NA18942	[2515685 chr9	9	101918451	101919219	769	2	-0.578091	0.093068	101918027	101918876	101918914	101919524
270 NA18942	[2515685 chr9	9	135438412	135444067	5656	2	2.889142	0.15796	135383632	135440781	135443016	135445114
271 NA18942	[2515685 chr10	10	6693908	6704321	10414	9	0.820211	0.053791	6692231	6695585	6704008	6704634
272 NA18942	[2515685 chr10	10	19788068	19791314	3247	4	-0.412299	0.070047	19787726	19788411	19790970	19791654
273 NA18942	[2515685 chr10	10	45507742	45516613	8872	22	-0.304952	0.026457	45507577	45507908	45515837	45517394
274 NA18942	[2515685 chr10	10	45642385	45649494	7110	19	-0.29693	0.02848	45642368	45642402	45649171	45649814
275 NA18942	[2515685 chr10	10	46110964	46129517	18554	31	-0.346302	0.021242	46110327	46111602	46129280	46129754
276 NA18942	[2515685 chr10	10	46132047	46132737	691	2	-1.153589	0.089002	46131767	46132327	46132697	46132774
277 NA18942	[2515685 chr10	10	46168755	46171356	2602	11	-0.389425	0.039202	46168488	46169022	46171200	46171514
278 NA18942	[2515685 chr10	10	46187014	47173707	986694	1443	-0.330438	0.003365	46186825	46187203	47173507	47173904
279 NA18942	[2515685 chr10	10	47219897	47220637	741	5	-0.6513	0.066634	47219892	47219903	47220533	47220744
280 NA18942	[2515685 chr10	10	47226321	47231502	5182	21	-0.375775	0.027668	47226266	47226377	47231201	47231804
281 NA18942	[2515685 chr10	10	47723232	47803532	80301	220	-0.320027	0.008462	47575187	47725982	47802824	47804244
282 NA18942	[2515685 chr10	10	47878214	47878897	684	3	-0.629354	0.085271	47878209	47878220	47878725	47879074
283 NA18942	[2515685 chr10	10	47884646	47889830	5185	21	-0.384902	0.027379	47884591	47884702	47889529	47890134
284 NA18942	[2515685 chr10	10	48499879	48529999	30121	57	-0.336114	0.015832	48499351	48500407	48529215	48530784
285 NA18942	[2515685 chr10	10	48576756	48865591	288836	274	-0.329464	0.007057	48576562	48576950	48865564	48865614
286 NA18942	[2515685 chr10	10	50894581	50903111	8531	21	-0.295919	0.026924	50894321	50894841	50902788	50903434
287 NA18942	[2515685 chr10	10	51131637	51132551	915	3	-0.689921	0.078043	51131357	51131917	51132382	51132724
288 NA18942	[2515685 chr10	10	51431625	51440113	8489	22	-0.314995	0.027776	51431512	51431739	51440104	51440124
289 NA18942	[2515685 chr10	10	56117212	56139275	22064	20	-1.044483	0.035613	56115764	56118661	56138931	56139614
290 NA18942	[2515685 chr10	10	66977355	66985193	7839	8	-1.061118	0.064099	66976803	66977908	66984894	66985494
291 NA18942	[2515685 chr10	10	81463822	81483091	19270	18	-0.251045	0.02619	81463181	81464464	81483091	81483094
292 NA18942	[2515685 chr10	10	88866216	88966295	100080	111	-0.331365	0.01261	88865617	88866816	88965910	88966684
293 NA18942	[2515685 chr10	10	89138419	89180379	41961	72	-0.250519	0.015839	89137950	89138889	89180173	89180584
294 NA18942	[2515685 chr10	10	114102241	114106477	4237	5	-4.631741	0.169944	114101694	114102788	114105867	114107084
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297 NA18942	[2515685 chr11	11	3628748	3632795	4048	6	-2.532755	0.093933	3625722	3631775	3632594	3632994
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303 NA18942	[2515685 chr11	11	28965605	28969186	3582	5	4.710593	0.163096	28965284	28965927	28968702	28969670
304 NA18942	[2515685 chr11	11	48284073	48284771	699	2	0.932431	0.104372	48283862	48284285	48284572	48284970
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314 NA18942	[2515685 chr11	11	93334621	93341944	7324	8	-0.926903	0.057801	93334320	93334923	93341681	93342207
315 NA18942	[2515685 chr11	11	113973002	114017431	44430	51	0.265943	0.020279	113972770	113973235	114016982	114017887
316 NA18942	[2515685 chr11	11	129852648	129853962	1315	2	-0.657659	0.109256	129852398	129852898	129852965	129854967
317 NA18942	[2515685 chr11	11	134107699	134112290	4592	5	0.941653	0.072104	134106591	134108808	134111845	134111273
318 NA18942	[2515685 chr12	12	300666	302505	1840	2	-0.610055	0.103637	300400	300933	301926	303084
319 NA18942	[2515685 chr12	12	398598	404873	6276	14	-0.365811	0.029204	398035	399161	401600	408146
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321 NA18942	[2515685 chr12	12	736840	744802	7963	9	0.924145	0.051455	736616	737064	744211	745394
322 NA18942	[2515685 chr12	12	2112534	2127840	15307	16	0.700437	0.038348	2109107	2115961	2127279	2128407
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325 NA18942	[2515685 chr12	12	9439936	9445623	5688	9	0.319293	0.045739	9439574	9440298	9445247	9446007
326 NA18942	[2515685 chr12	12	9527659	9624971	97313	104	0.710902	0.016025	9526872	9528447	9623223	9626720
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328 NA18942	[2515685 chr12	12	11392856	11439351	46496	45	-0.331142	0.021298	11392505	11393207	11439183	11439517
329 NA18942	[2515685 chr12	12	18447524	18453404	5881	2	-0.4512	0.089562	18435370	18451025	18451589	18455217
330 NA18942	[2515685 chr12	12	30128711	30133561	4851	3	-0.928308	0.085846	30128382	30129041	30132177	30134947
331 NA18942	[2515685 chr12	12	31157023	31244780	87758	82	0.41715	0.016656	31156773	31157274	31244217	31245347
332 NA18942	[2515685 chr12	12	31869213	31878319	9107	4	0.870408	0.07453	31864235	31872714	31878008	31878637
333 NA18942	[2515685 chr12	12	51063394	51066454	3061	2	0.621435	0.119908	51062509	51064280	51065979	51066937
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335 NA18942	[2515685 chr12	12	78656134	78665261	9128	9	-0.545914	0.05169	78654687	78657582	78664736	78665787
336 NA18942	[2515685 chr12	12	128601598	128602937	1340	2	-0.928374	0.106081	128601341	128601856	128602454	12860342
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338 NA18942	[2515685 chr12	12	130798727	130802870	4144	5	-0.870961	0.064609	130798268	130799187	130801345	13080439
339 NA18942	[2515685 chr13	13	25947233	25950398	3166	3	3.957992	0.177156	25946194	25948272	25949415	25951387
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341 NA18942	[2515685 chr13	13	56589224	56644889	55666	65	0.321221	0.013796	56585659	56592790	56644862	56644917
342 NA18942	[2515685 chr13	13	69633905	69673289	39385	42	0.785359	0.024155	69633412	69634399	69672985	69673597
343 NA18942	[2515685 chr13	13	109215660	109217089	1430	5	-0.86585	0.062859	109215230	109216090	109216885	10921729
344 NA18942	[2515685 chr13	13	112717306	112719112	1807	2	-0.772238	0.111229	112716919	112717694	112718845	11271938
345 NA18942	[2515685 chr13	13	113079647	113086828	7182	3	0.755015	0.083879	113078890	113080404	113082138	11309434
346 NA18942	[2515685 chr14	14	18527136	18541076	13941	6	-1.521808	0.073275	18526373	18527899	18540534	18541617
347 NA18942	[2515685 chr14	14	19112070	19144504	32435	45	-0.266444	0.020225	19112035	19112105	19144239	19144770
348 NA18942	[2515685 chr14	14	19254367	19372214	117848	102	0.262247	0.014189	19254200	19254535	19367437	19377317
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352 NA18942	[2515685 chr14	14	73052083	73053781	1699	2	-0.488878	0.080323	73051714	73052452	73052927	73054637
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356 NA18942	[2515685 chr14	14	73113949	73117243	3295	4	0.386622	0.073564	73113745	73114154	73116211	73118277

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358 NA18942	[2515685 chr15	15	18513088	18536491	23404	22	0.449968	0.026529	18512905	18513272	18535776	1853720
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361 NA18942	[2515685 chr15	15	18982174	18982857	684	4	-0.329647	0.057634	18981996	18982352	18982746	1898296
362 NA18942	[2515685 chr15	15	19091518	19468608	377091	471	0.453772	0.004344	19091509	19091528	19468389	1946882
363 NA18942	[2515685 chr15	15	19665548	20094955	429408	340	0.453772	0.004344	19663241	19763507	20092648	2019778
364 NA18942	[2515685 chr15	15	20940396	20940987	592	4	-0.329647	0.057634	20940218	20940574	20940968	2094100
365 NA18942	[2515685 chr15	15	21051502	21068076	16575	14	0.645502	0.033366	21051321	21051684	21065769	2111638
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370 NA18942	[2515685 chr15	15	23482566	23483671	1106	2	0.692796	0.082475	23482224	23482908	23483437	2348390
371 NA18942	[2515685 chr15	15	24986053	24992250	6198	7	0.910808	0.062776	24985426	24986680	24991680	2499282
372 NA18942	[2515685 chr15	15	27688132	27690372	2241	3	-0.957318	0.0986	27687785	27688480	27690197	2769054
373 NA18942	[2515685 chr15	15	29537358	29539785	2428	2	-0.530504	0.091719	29536978	29537739	29539279	2954029
374 NA18942	[2515685 chr15	15	32469460	32653413	183954	185	0.346641	0.009761	32469063	32469858	32653144	3265368
375 NA18942	[2515685 chr15	15	43106834	43111174	4341	5	0.487336	0.06403	43106498	43107171	43111071	4311127
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378 NA18942	[2515685 chr15	15	98234084	98240716	6633	8	-3.07217	0.114426	98233842	98234327	98239350	9824208
379 NA18942	[2515685 chr15	15	100109640	100122682	13043	98	0.681959	0.01158	100108905	100110376	100122315	10012305
380 NA18942	[2515685 chr16	16	946002	948831	2830	2	-0.926845	0.112388	945660	946345	947314	950345
381 NA18942	[2515685 chr16	16	2638196	2640225	2030	3	0.608995	0.094998	2637783	2638609	2639826	264062
382 NA18942	[2515685 chr16	16	5287117	5290634	3518	2	-0.76453	0.143279	5286149	5288085	5288751	529327
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384 NA18942	[2515685 chr16	16	14735195	14748973	13779	10	0.316945	0.03338	14734956	14735434	14748246	1474970
385 NA18942	[2515685 chr16	16	14955818	15030359	74542	68	-0.572693	0.018204	14955356	14956281	15029969	1503075
386 NA18942	[2515685 chr16	16	16363185	16372248	9064	27	0.287296	0.025601	16363092	16363279	16371995	1637250
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389 NA18942	[2515685 chr16	16	18380730	18391709	10980	34	0.272788	0.022111	18380411	18381050	18391616	1839180
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405 NA18942	[2515685 chr16	16	54370325	54380125	9801	8	-0.786864	0.058189	54369868	54370782	54379862	5438038
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407 NA18942	[2515685 chr16	16	57204541	57207585	3045	3	5.41956	0.222631	57204170	57204913	57206938	5720823
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410 NA18942	[2515685 chr16	16	68602449	68666721	64273	59	-0.311305	0.009584	68602144	68602755	68666385	6866705
411 NA18942	[2515685 chr16	16	68702274	68789580	87307	121	-0.311305	0.009584	68701593	68702955	68789287	6878987

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413 NA18942	[2515685 chr16	16	73014274	73019747	5474	5	-0.509948	0.060216	73013873	73014676	73019521	7301997:
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415 NA18942	[2515685 chr16	16	83994929	84004171	9243	81	0.330881	0.013953	83994558	83995300	84003767	8400457!
416 NA18942	[2515685 chr16	16	84562720	84565235	2516	11	0.350122	0.046333	84561685	84563756	84565142	8456532!
417 NA18942	[2515685 chr16	16	86589422	86592315	2894	4	-0.712748	0.078796	86589032	86589812	86591962	8659266!
418 NA18942	[2515685 chr16	16	86669849	86672366	2518	2	-0.82321	0.0946	86669288	86670411	86671217	8667351!
419 NA18942	[2515685 chr16	16	88181036	88182713	1678	2	-1.026305	0.103516	88180612	88181461	88182173	8818325:
420 NA18942	[2515685 chr17	17	966845	969578	2734	21	1.430064	0.040551	966537	967154	969378	96977!
421 NA18942	[2515685 chr17	17	18296513	18331739	35227	50	0.267108	0.020163	18296246	18296781	18331509	1833197!
422 NA18942	[2515685 chr17	17	18331739	18332345	607	2	-0.919632	0.101526	18331509	18331970	18331978	1833271:
423 NA18942	[2515685 chr17	17	18873323	19074342	201020	373	-0.273861	0.0067	18873109	18873538	19074050	1907463!
424 NA18942	[2515685 chr17	17	20299935	20300531	597	2	-0.91963	0.101525	20299568	20300303	20300311	2030075:
425 NA18942	[2515685 chr17	17	20325192	20325864	673	2	0.612112	0.084723	20324968	20325416	20325582	2032614!
426 NA18942	[2515685 chr17	17	21826349	21834752	8404	7	0.338562	0.04457	21826238	21826461	21833710	2183579-
427 NA18942	[2515685 chr17	17	21941205	21955530	14326	23	-0.297657	0.029793	21940656	21941754	21955191	2195586!
428 NA18942	[2515685 chr17	17	31434845	31457488	22644	40	0.387039	0.021731	31434318	31435373	31457079	3145789!
429 NA18942	[2515685 chr17	17	31505929	31515059	9131	15	0.380653	0.032709	31505824	31506035	31514906	3151521:
430 NA18942	[2515685 chr17	17	31531259	31578624	47366	69	0.34223	0.007552	31531038	31531480	31578609	3157864!
431 NA18942	[2515685 chr17	17	31592272	31680187	87916	161	0.34223	0.007552	31591933	31592611	31680172	3168020:
432 NA18942	[2515685 chr17	17	31693833	31701130	7298	20	0.384969	0.027958	31693494	31694173	31698927	3179999!
433 NA18942	[2515685 chr17	17	31807301	31818118	10818	31	0.376027	0.0222	31806958	31807644	31817965	3181827:
434 NA18942	[2515685 chr17	17	31833404	31869170	35767	46	0.346535	0.018064	31833198	31833610	31869017	3186932:
435 NA18942	[2515685 chr17	17	31885359	31889223	3865	8	0.364202	0.03844	31885138	31885580	31888786	3188966:
436 NA18942	[2515685 chr17	17	32829500	32833231	3732	5	0.81957	0.074906	32828825	32830175	32832670	3283379:
437 NA18942	[2515685 chr17	17	33324385	33355197	30813	33	0.351396	0.021433	33323841	33324930	33354974	3335542!
438 NA18942	[2515685 chr17	17	33370166	33382224	12059	40	0.371461	0.019573	33369977	33370355	33381884	3338256-
439 NA18942	[2515685 chr17	17	33400862	33407706	6845	7	-0.461568	0.058416	33399823	33401902	33407335	3340807:
440 NA18942	[2515685 chr17	17	33425145	33430794	5650	10	-0.492516	0.044991	33424532	33425759	33428591	3352929!
441 NA18942	[2515685 chr17	17	33527087	33591225	64139	124	0.28588	0.010992	33428591	33529290	33590848	3359160:
442 NA18942	[2515685 chr17	17	33604501	33639547	35047	44	0.656726	0.02284	33603951	33605052	33638405	3364068!
443 NA18942	[2515685 chr17	17	33641281	33659558	18278	30	-0.436927	0.027236	33640689	33641874	33658997	3366011!
444 NA18942	[2515685 chr17	17	36646378	36649001	2624	2	-0.61112	0.082787	36645905	36646851	36648704	3664929!
445 NA18942	[2515685 chr17	17	36675530	36685343	9814	10	-2.787768	0.080425	36675011	36676049	36684647	3668604!
446 NA18942	[2515685 chr17	17	40929350	41006614	77265	124	0.322835	0.011987	40928640	40930061	41006215	4100701:
447 NA18942	[2515685 chr17	17	41006614	41013689	7076	10	-0.372963	0.048489	41006215	41007013	41013242	4101413:
448 NA18942	[2515685 chr17	17	41726243	41987438	261196	340	0.643876	0.005632	41725776	41726711	41987182	4198769!
449 NA18942	[2515685 chr17	17	41991727	42137413	145687	136	0.643876	0.005632	41991459	41991996	42135210	4214194!
450 NA18942	[2515685 chr17	17	42447536	42487040	39505	67	0.370185	0.016282	42447059	42448014	42486638	4248744:
451 NA18942	[2515685 chr17	17	42970703	42988804	18102	32	-0.360272	0.026034	42970185	42971221	42988208	4298940!
452 NA18942	[2515685 chr17	17	42988804	43026670	37867	54	0.603655	0.02059	42988208	42989400	43025568	4302777:
453 NA18942	[2515685 chr17	17	54464638	54473156	8519	8	-4.430854	0.128831	54464205	54465072	54472791	5447352:
454 NA18942	[2515685 chr17	17	57684203	57699598	15396	34	0.275599	0.023218	57683826	57684581	57699308	5769988!
455 NA18942	[2515685 chr17	17	60269002	60346613	77612	119	0.336672	0.012488	60268357	60269648	60345268	6034795!
456 NA18942	[2515685 chr17	17	60346613	60349141	2529	2	-0.65658	0.110426	60345268	60347958	60348751	6034953:
457 NA18942	[2515685 chr17	17	75294896	75304766	9871	3	0.420626	0.078387	75294537	75295256	75303042	7530649!
458 NA18942	[2515685 chr18	18	9805250	9806206	957	2	-0.874503	0.114816	9804637	9805863	9806038	980637-
459 NA18942	[2515685 chr18	18	14479667	14489348	9682	14	0.451164	0.037504	14479249	14480086	14489152	1448954!
460 NA18942	[2515685 chr18	18	28142218	28143399	1182	2	0.740534	0.11861	28141854	28142583	28143055	2814374:
461 NA18942	[2515685 chr18	18	36514289	36521090	6802	6	-3.397646	0.112353	36513759	36514820	36520512	3652166!
462 NA18942	[2515685 chr18	18	64896052	64907736	11685	13	-0.857618	0.044724	64894789	64897315	64907228	6490824-
463 NA18942	[2515685 chr18	18	67647933	67687757	39825	3	-0.361387	0.071271	67471918	67652523	67685165	6769034!
464 NA18942	[2515685 chr18	18	74230393	74234275	3883	31	-0.419765	0.018893	74229835	74230952	74234139	7423441:
465 NA18942	[2515685 chr18	18	74392800	74397377	4578	3	0.911622	0.09877	74390826	74394774	74396965	7439779!
466 NA18942	[2515685 chr19	19	310414	312953	2540	14	-0.46716	0.037454	309687	311142	312913	31299-

467 NA18942	[2515685 chr19	19	8708780	8763535	54756	94	-0.344904	0.011356	8708296	8709264	8763160	8763917
468 NA18942	[2515685 chr19	19	23007899	23014812	6914	7	0.679458	0.061775	22990964	23010431	23014157	23015461
469 NA18942	[2515685 chr19	19	39419837	39421349	1513	3	0.631853	0.095528	39419616	39420059	39421018	39421687
470 NA18942	[2515685 chr19	19	41450182	41493617	43436	28	-0.480341	0.023409	41421528	41452714	41491085	41497851
471 NA18942	[2515685 chr19	19	41532761	41540854	8094	2	0.696041	0.114641	41532090	41533433	41538691	41543017
472 NA18942	[2515685 chr19	19	42450468	42487512	37045	33	-0.513847	0.020623	42413600	42453000	42486487	42488531
473 NA18942	[2515685 chr19	19	42534740	42540352	5613	2	-1.441527	0.12557	42530910	42537272	42537820	42544717
474 NA18942	[2515685 chr19	19	45080439	45082201	1763	2	0.530876	0.093322	45080057	45080821	45081624	45082771
475 NA18942	[2515685 chr19	19	45412775	45413556	782	2	-0.540604	0.100041	45412566	45412985	45413285	45413827
476 NA18942	[2515685 chr19	19	46043021	46072673	29653	33	-0.377443	0.025727	46042747	46043295	46072511	46072831
477 NA18942	[2515685 chr19	19	56788987	56795867	6881	7	0.286314	0.056193	56788678	56789297	56795672	56796607
478 NA18942	[2515685 chr19	19	56824939	56841964	17026	20	-0.646786	0.032993	56824709	56825170	56841608	56842327
479 NA18942	[2515685 chr19	19	58169057	58171564	2508	2	0.61608	0.095458	58168791	58169324	58171021	58172107
480 NA18942	[2515685 chr19	19	58209430	58245460	36031	28	-0.767889	0.028055	58208997	58209863	58245024	58245891
481 NA18942	[2515685 chr19	19	60958920	60976029	17110	15	-0.552519	0.038193	60957933	60959907	60975748	60976311
482 NA18942	[2515685 chr20	20	1511097	1532477	21381	26	-2.574208	0.052777	1510534	1511660	1532182	1532773
483 NA18942	[2515685 chr20	20	1533575	1544060	10486	15	-0.330854	0.032671	1533384	1533766	1543588	1544533
484 NA18942	[2515685 chr20	20	15249645	15251805	2161	2	-0.821123	0.104399	152499381	15249909	15251287	15252327
485 NA18942	[2515685 chr20	20	59951513	59957050	5538	18	0.686744	0.034196	59950681	59952345	59956538	59957567
486 NA18942	[2515685 chr20	20	60843403	60845259	1857	3	-0.595791	0.095049	60842942	60843864	60845073	60845441
487 NA18942	[2515685 chr20	20	62066380	62068214	1835	8	1.885947	0.067806	62066146	62066615	62067671	62068751
488 NA18942	[2515685 chr21	21	10175806	10202303	26498	20	-0.263546	0.031237	10175546	10176067	10201954	10202657
489 NA18942	[2515685 chr21	21	13885175	13890656	5482	5	0.361175	0.062859	13883019	13887331	13890340	13890977
490 NA18942	[2515685 chr21	21	13948140	13957907	9768	14	0.434608	0.038625	13947936	13948345	13957512	13958307
491 NA18942	[2515685 chr21	21	46881149	46882311	1163	3	0.40834	0.078359	46880965	46881333	46881964	46882651
492 NA18942	[2515685 chr22	22	17032140	17129139	97000	146	-0.256283	0.011053	17031480	17032801	17129821	17129451
493 NA18942	[2515685 chr22	22	17225268	17249803	24536	57	-0.257619	0.017555	17224868	17225668	17249433	17250177
494 NA18942	[2515685 chr22	22	17396450	17397941	1492	3	-0.701084	0.092355	17396301	17396599	17397517	17398361
495 NA18942	[2515685 chr22	22	18706528	18995550	289023	286	-0.261712	0.008117	18706356	18706700	18995355	18995741
496 NA18942	[2515685 chr22	22	19380073	19419488	39416	12	-0.307713	0.04302	19377752	19382395	19416806	19449921
497 NA18942	[2515685 chr22	22	19838889	19880162	41274	66	-0.272826	0.01614	19838698	19839080	19879848	19880471
498 NA18942	[2515685 chr22	22	19978044	20121795	143752	214	-0.252712	0.007231	19977587	19978502	20121548	20122047
499 NA18942	[2515685 chr22	22	20135791	20243643	107853	150	-0.252712	0.007231	20135502	20136081	20240961	20302287
500 NA18942	[2515685 chr22	22	22600453	22604850	4398	2	-3.099664	0.182797	22598667	22602240	22603026	22606671
501 NA18942	[2515685 chr22	22	22611178	22615116	3939	3	-0.556934	0.073934	22609725	22612631	22614886	22615347
502 NA18942	[2515685 chr22	22	22683930	22688523	4594	3	-2.974258	0.163244	22681309	22686552	22687378	22689661
503 NA18942	[2515685 chr22	22	33619409	33622591	3183	4	0.956129	0.080576	33618939	33619879	33622541	33622647
504 NA18942	[2515685 chr22	22	43790661	43878995	88335	3	-0.545737	0.091925	43700090	43793343	43876436	43881551
1 NA12155	[2515685 chr1	1	897	77845	76949	120	0.2952	0.013227	1	1794	77684	78006
2 NA12155	[2515685 chr1	1	601042	612159	11118	8	-1.03735	0.05466	587801	604315	610122	614196
3 NA12155	[2515685 chr1	1	10416438	10418311	1874	2	-0.865285	0.104461	10415863	10417014	10417712	10418917
4 NA12155	[2515685 chr1	1	12843376	12848499	5124	7	0.551693	0.055525	12843104	12843649	12848229	12848761
5 NA12155	[2515685 chr1	1	12893626	12932710	39085	86	0.319297	0.015237	12893265	12893988	12932422	12932991
6 NA12155	[2515685 chr1	1	13114053	13165991	51939	113	0.303425	0.012969	13113809	13114298	13165683	13166301
7 NA12155	[2515685 chr1	1	13300967	13373969	73003	41	0.324152	0.021071	13300595	13301339	13373608	13374337
8 NA12155	[2515685 chr1	1	13380737	13382868	2132	3	0.673016	0.07228	13380415	13381060	13382574	13383167
9 NA12155	[2515685 chr1	1	16793085	16794886	1802	3	-0.715038	0.08814	16792521	16793650	16794708	16795061
10 NA12155	[2515685 chr1	1	16828824	16832628	3805	8	0.28097	0.053482	16828560	16829088	16832358	16832891
11 NA12155	[2515685 chr1	1	16866514	16869652	3139	5	-0.441846	0.067831	16866271	16866757	16869397	16869901
12 NA12155	[2515685 chr1	1	16942260	17007421	65162	68	-0.350127	0.018151	16942213	16942308	17006449	17008397
13 NA12155	[2515685 chr1	1	17011526	17014955	3430	3	-0.490626	0.090203	17011088	17011964	17014224	17015687
14 NA12155	[2515685 chr1	1	25330950	25409968	79019	78	0.416228	0.016781	25330662	25331238	25409763	25410177
15 NA12155	[2515685 chr1	1	25434181	25487483	53303	27	0.329988	0.028594	25433990	25434373	25484210	25512937
16 NA12155	[2515685 chr1	1	36271316	36286115	14800	7	0.2917	0.054873	36269520	36273113	36285830	36286401
17 NA12155	[2515685 chr1	1	72478372	72524180	45809	36	-2.752653	0.049784	72478140	72478604	72523661	72524701

18 NA12155	[2515685 chr1	1	89188117	89190762	2646	5	1.818057	0.102514	89187764	89188470	89190458	89191067
19 NA12155	[2515685 chr1	1	103815525	103827497	11973	19	0.435497	0.035452	103815249	103815802	103827175	10382782
20 NA12155	[2515685 chr1	1	103827497	103831020	3524	9	-0.319646	0.048805	103827175	103827820	103830767	10383127
21 NA12155	[2515685 chr1	1	103834166	103845839	11674	12	0.514116	0.04575	103833999	103834334	103842566	10385156
22 NA12155	[2515685 chr1	1	103855134	103866317	11184	16	-0.44795	0.038685	103855117	103855151	103865345	10386729
23 NA12155	[2515685 chr1	1	103866317	103872982	6666	9	0.29589	0.053207	103865345	103867290	103872377	10387358
24 NA12155	[2515685 chr1	1	103872982	104015739	142758	230	-0.519607	0.009046	103872377	103873587	104013178	10401830
25 NA12155	[2515685 chr1	1	111089464	111100714	11251	11	-0.931485	0.052553	111088288	111090640	111100119	11110131
26 NA12155	[2515685 chr1	1	116870606	116915240	44635	54	0.339253	0.020049	116869172	116872040	116914887	11691559
27 NA12155	[2515685 chr1	1	120244720	120342422	97703	151	0.253837	0.011715	120243262	120246178	120342303	12034254
28 NA12155	[2515685 chr1	1	120526937	120529698	2762	41	0.26013	0.022695	120526862	120527013	120529686	12052971
29 NA12155	[2515685 chr1	1	141390474	141393235	2762	55	0.267456	0.019433	141390462	141390486	141393160	14139331
30 NA12155	[2515685 chr1	1	141398478	141399546	1069	12	0.294284	0.042211	141398476	141398480	141399512	14139958
31 NA12155	[2515685 chr1	1	141402840	141403151	312	11	0.304899	0.043214	141402828	141402852	141403146	14140315
32 NA12155	[2515685 chr1	1	141911919	141927204	15286	26	0.26424	0.026558	141911695	141912144	141926807	14192760
33 NA12155	[2515685 chr1	1	141964844	141981854	17011	50	0.337335	0.018713	141964740	141964948	141978581	14203010
34 NA12155	[2515685 chr1	1	142312203	142317683	5481	15	0.305701	0.035093	142311884	142312522	142317020	14231834
35 NA12155	[2515685 chr1	1	142438646	142569435	130790	159	0.329511	0.011631	142438189	142439104	142568775	14257009
36 NA12155	[2515685 chr1	1	142678703	142758443	79741	133	0.25729	0.006678	142678583	142678823	142757786	14275910
37 NA12155	[2515685 chr1	1	142761925	142857570	95646	294	0.25729	0.006678	142761553	142762297	142857225	14285791
38 NA12155	[2515685 chr1	1	143504144	143508860	4717	13	0.312885	0.038606	143504033	143504255	143508499	14350922
39 NA12155	[2515685 chr1	1	143681178	143690385	9208	19	0.317166	0.032423	143633943	143684451	143690115	14369065
40 NA12155	[2515685 chr1	1	145043981	145055948	11968	20	0.258457	0.030276	145043870	145044092	145055551	14505634
41 NA12155	[2515685 chr1	1	145091514	145131504	39991	107	0.286763	0.013102	145089695	145093333	145131349	14513165
42 NA12155	[2515685 chr1	1	145368616	145373702	5087	10	0.306594	0.042567	145368296	145368936	145373422	14537398
43 NA12155	[2515685 chr1	1	145383992	145400647	16656	40	0.297443	0.021198	145383814	145384171	145400362	14540093
44 NA12155	[2515685 chr1	1	145530660	145535965	5306	12	0.311062	0.039448	145530340	145530980	145535466	14553646
45 NA12155	[2515685 chr1	1	145546022	145562278	16257	38	0.313499	0.021785	145545844	145546201	145562162	14556239
46 NA12155	[2515685 chr1	1	145819541	145821079	1539	2	0.965412	0.109593	145819262	145819821	145820633	14582152
47 NA12155	[2515685 chr1	1	145821748	145839481	17734	19	0.41945	0.035119	145821525	145821972	145839093	14583986
48 NA12155	[2515685 chr1	1	145922498	145951531	29034	35	0.492453	0.025357	145921149	145923848	145951467	14595159
49 NA12155	[2515685 chr1	1	145965166	145967452	2287	3	0.604428	0.081485	145964647	145965685	145966729	14596817
50 NA12155	[2515685 chr1	1	146091710	146157864	66155	19	0.33431	0.033684	146091319	146092102	146157650	14615807
51 NA12155	[2515685 chr1	1	146326656	146339470	12815	41	0.352009	0.021115	146326478	146326834	146339246	14633969
52 NA12155	[2515685 chr1	1	146789027	146789932	906	2	0.461147	0.089289	146788867	146789188	146789721	14679014
53 NA12155	[2515685 chr1	1	148998878	149005918	7041	13	0.602382	0.037876	148998401	148999355	149004680	14900715
54 NA12155	[2515685 chr1	1	149368571	149384391	15821	2	-0.976934	0.109063	149368105	149369038	149383444	14938533
55 NA12155	[2515685 chr1	1	149385742	149399435	13694	19	-2.720721	0.067641	149385339	149386145	149399080	14939979
56 NA12155	[2515685 chr1	1	158294538	158376771	82234	96	-0.266857	0.014917	158294226	158294850	158376340	15837720
57 NA12155	[2515685 chr1	1	159083853	159086136	2284	3	0.523448	0.090064	159083104	159084603	159085870	15908640
58 NA12155	[2515685 chr1	1	186235299	186236496	1198	2	0.553699	0.095882	186235098	186235500	186236207	18623678
59 NA12155	[2515685 chr1	1	193526999	193528128	1130	2	-0.683339	0.129874	193526808	193527191	193527932	19352832
60 NA12155	[2515685 chr1	1	203245415	203247868	2454	2	0.711317	0.116999	203245018	203245812	203247578	20324815
61 NA12155	[2515685 chr1	1	233202665	233204956	2292	42	-0.667236	0.021754	233202312	233203018	233204364	23320554
62 NA12155	[2515685 chr1	1	234289921	234291988	2068	3	0.662469	0.09688	234289605	234290238	234291759	23429221
63 NA12155	[2515685 chr1	1	236548084	236550206	2123	2	-1.006456	0.11399	236547732	236548436	236549323	23655108
64 NA12155	[2515685 chr1	1	236719047	236720968	1922	3	-0.856803	0.091469	236718751	236719344	236720749	23672118
65 NA12155	[2515685 chr2	2	1937645	1940045	2401	2	0.49747	0.095929	1936259	1939032	1939595	1940495
66 NA12155	[2515685 chr2	2	4722540	4724061	1522	2	0.599868	0.101341	4722151	4722930	4723456	4724666
67 NA12155	[2515685 chr2	2	13508038	13511508	3471	7	-0.549369	0.060196	13507783	13508293	13510995	1351202
68 NA12155	[2515685 chr2	2	13576435	13585968	9534	9	-0.258494	0.04768	13576224	13576646	13585758	1358617
69 NA12155	[2515685 chr2	2	34606439	34644770	38332	39	-2.136726	0.042969	34601818	34609397	34641812	3464839
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71 NA12155	[2515685 chr2	2	36303416	36304826	1411	2	-0.818536	0.137295	36303153	36303680	36304357	3630529
72 NA12155	[2515685 chr2	2	51838599	51839736	1138	2	-0.954098	0.130251	51838229	51838969	51839379	5184009

73 NA12155	[2515685 chr2	2	57310466	57359197	48732	50	0.937524	0.023567	57310314	57310618	57358242	5736015:
74 NA12155	[2515685 chr2	2	73923306	73948487	25182	40	0.288946	0.020192	73923019	73923593	73948060	7394891:
75 NA12155	[2515685 chr2	2	75296507	75298934	2428	2	0.90406	0.106468	75296056	75296959	75298532	7529933:
76 NA12155	[2515685 chr2	2	76497148	76499758	2611	2	-0.533033	0.101248	76496925	76497372	76499591	7649992:
77 NA12155	[2515685 chr2	2	91382835	91393586	10752	25	0.297329	0.028447	91382689	91382981	91392231	9139494:
78 NA12155	[2515685 chr2	2	94850556	94871889	21334	11	0.334975	0.04446	94850330	94850783	94869597	9487418:
79 NA12155	[2515685 chr2	2	94947481	94978008	30528	31	0.316747	0.02615	94946626	94948336	94977576	9497844:
80 NA12155	[2515685 chr2	2	97184386	97189740	5355	2	-0.783808	0.101857	97182781	97185992	97186782	9719672:
81 NA12155	[2515685 chr2	2	97613796	97614932	1137	2	1.060368	0.127002	97613553	97614040	97614467	9761539:
82 NA12155	[2515685 chr2	2	106339466	106344320	4855	6	-1.239234	0.08136	106339069	106339864	106344055	10634458
83 NA12155	[2515685 chr2	2	108313968	108314875	908	2	0.676413	0.11508	108313664	108314272	108314680	10831507
84 NA12155	[2515685 chr2	2	108373788	108375729	1942	2	1.061896	0.154839	108372980	108374597	108375394	10837606
85 NA12155	[2515685 chr2	2	110044580	110088603	44024	48	-0.255349	0.020702	110043995	110045166	110088459	11008874
86 NA12155	[2515685 chr2	2	110590037	110634077	44041	40	-0.264775	0.022492	110589893	110590182	110633492	11063466
87 NA12155	[2515685 chr2	2	114028006	114028857	852	7	0.394386	0.058988	114027870	114028143	114028311	11402940
88 NA12155	[2515685 chr2	2	126159437	126168349	8913	3	-0.870162	0.088704	126158494	126160381	126168048	12616865
89 NA12155	[2515685 chr2	2	127572316	127575298	2983	4	0.39194	0.068615	127571994	127572638	127575089	12757550
90 NA12155	[2515685 chr2	2	130405520	130406599	1080	2	-0.711282	0.100314	130405172	130405869	130406246	13040695
91 NA12155	[2515685 chr2	2	130432409	130444724	12316	13	-0.426901	0.038705	130432059	130432759	130442767	13044668
92 NA12155	[2515685 chr2	2	130457091	130467050	9960	14	-0.444176	0.041696	130456799	130457383	130466830	13046727
93 NA12155	[2515685 chr2	2	130551722	130558596	6875	12	-0.371697	0.040785	130551682	130551762	130558505	13055868
94 NA12155	[2515685 chr2	2	130590215	130593482	3268	7	-0.508384	0.057783	130589862	130590569	130593434	13059353
95 NA12155	[2515685 chr2	2	130885569	130897796	12228	18	-0.310652	0.033974	130885118	130886020	130897715	13089787
96 NA12155	[2515685 chr2	2	130942733	130949950	7218	19	-0.310143	0.03281	130942534	130942933	130949920	13094998
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99 NA12155	[2515685 chr2	2	131415651	131417381	1731	3	0.449268	0.079785	131415479	131415824	131417181	13141758
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104 NA12155	[2515685 chr2	2	131917827	131953962	36136	48	-0.331273	0.021653	131917559	131918096	131953571	13195435
105 NA12155	[2515685 chr2	2	132146137	132181874	35738	25	-0.32169	0.009875	132145137	132147138	132181809	13218194
106 NA12155	[2515685 chr2	2	132183435	132342919	159485	197	-0.32169	0.009875	132183168	132183702	132342560	13234327
107 NA12155	[2515685 chr2	2	132840764	132873598	32835	26	0.285188	0.02925	132799678	132843722	132873312	13287388
108 NA12155	[2515685 chr2	2	146694140	146710744	16605	17	-2.749065	0.078659	146688620	146697098	146710557	14671093
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110 NA12155	[2515685 chr2	2	153622711	153625256	2546	3	-3.859935	0.201469	153621175	153624247	153625088	15362542
111 NA12155	[2515685 chr2	2	208176479	208184457	7979	7	0.944128	0.062462	208176093	208176865	208183930	20818498
112 NA12155	[2515685 chr2	2	228483428	228730812	247385	6	-0.292557	0.056272	228405414	228486386	228730139	22873148
113 NA12155	[2515685 chr2	2	242455712	242486271	30560	49	0.258979	0.02068	242455466	242455959	242486093	24248645
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124 NA12155	[2515685 chr3	3	105760262	105762355	2094	2	-0.906628	0.126207	105759634	105760890	105761424	10576328
125 NA12155	[2515685 chr3	3	127153753	127158873	5121	9	-0.388307	0.048032	127153587	127153920	127158237	12715950
126 NA12155	[2515685 chr3	3	131158017	131162914	4898	4	0.406157	0.081058	131157466	131158568	131162725	13116310
127 NA12155	[2515685 chr3	3	131204575	131207291	2717	5	0.388592	0.064881	131204147	131205003	131206953	13120762



128 NA12155	[2515685 chr3	3	131312746	131313869	1124	3	0.382879	0.075103	131312529	131312963	131313449	13131428
129 NA12155	[2515685 chr3	3	133191392	133196576	5185	5	-0.877101	0.068129	133190820	133191965	133195824	13319732
130 NA12155	[2515685 chr3	3	163994592	164106273	111682	89	3.366586	0.033732	163993392	163995793	164106029	16410651
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133 NA12155	[2515685 chr3	3	164228031	164230706	2676	4	0.360663	0.071729	164227023	164229039	164230311	16423110
134 NA12155	[2515685 chr3	3	174722190	174773561	51372	40	0.527699	0.024406	174721903	174722477	174773035	17477408
135 NA12155	[2515685 chr3	3	176561952	176567506	5555	5	-0.800634	0.073496	176560250	176563654	176565991	17656902
136 NA12155	[2515685 chr3	3	191219813	191223326	3514	4	0.877296	0.079809	191219291	191220336	191222918	19122373
137 NA12155	[2515685 chr3	3	192547312	192554331	7020	9	0.942971	0.055936	192546950	192547674	192554127	19255453
138 NA12155	[2515685 chr3	3	196943833	196965802	21970	18	-0.472232	0.035735	196943538	196944128	196965494	19696611
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141 NA12155	[2515685 chr3	3	198421889	198427408	5520	3	0.763397	0.091435	198421397	198422381	198423959	19843085
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143 NA12155	[2515685 chr3	3	199313925	199321616	7692	16	-0.455747	0.034899	199313515	199314336	199321283	19932194
144 NA12155	[2515685 chr4	4	6470038	6471884	1847	2	0.603708	0.096625	6469722	6470355	6471399	6472365
145 NA12155	[2515685 chr4	4	8740317	8756949	16633	25	0.635	0.025828	8740049	8740586	8756813	8757086
146 NA12155	[2515685 chr4	4	8998172	9046719	48548	87	1.067825	0.01386	8850774	9001243	9046129	9047305
147 NA12155	[2515685 chr4	4	9812346	9813108	763	33	0.820907	0.021793	9812284	9812408	9812952	9813265
148 NA12155	[2515685 chr4	4	9887220	9911397	24178	31	2.377086	0.053334	9886886	9887555	9910388	9912407
149 NA12155	[2515685 chr4	4	34602797	34650994	48198	45	0.829011	0.025947	34601994	34603600	34649535	3465245
150 NA12155	[2515685 chr4	4	49080370	49080998	629	3	-0.61987	0.087775	49079937	49080803	49080923	4908107
151 NA12155	[2515685 chr4	4	49400450	49400601	152	2	-0.689958	0.10414	49400386	49400515	49400516	4940068
152 NA12155	[2515685 chr4	4	64522941	64543857	20917	20	-0.9052	0.041881	64522682	64523201	64542552	6454516
153 NA12155	[2515685 chr4	4	69202095	69319814	117720	72	1.05246	0.025934	69201955	69202236	69319569	6932005
154 NA12155	[2515685 chr4	4	69319814	69368483	48670	45	0.302622	0.020517	69319569	69320059	69365412	6938219
155 NA12155	[2515685 chr4	4	69670832	69720493	49662	56	0.279017	0.019094	69670364	69671301	69717422	6973421
156 NA12155	[2515685 chr4	4	70306339	70324924	18586	14	0.365482	0.015366	70306109	70306570	70324680	7032516
157 NA12155	[2515685 chr4	4	70329576	70416062	86487	84	0.365482	0.015366	70329375	70329777	70415760	7041636
158 NA12155	[2515685 chr4	4	115534205	115541546	7342	9	0.884568	0.0594	115530015	115537276	115539984	11554310
159 NA12155	[2515685 chr4	4	115865203	115869486	4284	3	-1.013254	0.108192	115864913	115865494	115866415	11587556
160 NA12155	[2515685 chr4	4	116524394	116534652	10259	12	-0.961196	0.048317	116523990	116524798	116534384	11653492
161 NA12155	[2515685 chr4	4	124835704	124837199	1496	3	-0.589752	0.094812	124835418	124835991	124836924	12483747
162 NA12155	[2515685 chr4	4	133536187	133540723	4537	3	-0.879988	0.113072	133531398	133539258	133540462	13354098
163 NA12155	[2515685 chr4	4	138537751	138549906	12156	14	0.897866	0.048636	138537443	138538059	138547414	13855239
164 NA12155	[2515685 chr4	4	142588136	142590500	2365	4	-0.852654	0.082783	142587774	142588498	142590303	14259069
165 NA12155	[2515685 chr4	4	162237272	162242562	5291	8	0.891687	0.060724	162236487	162238058	162242381	16224274
166 NA12155	[2515685 chr4	4	162806038	162809269	3232	3	0.970573	0.091014	162804872	162807204	162808734	16280980
167 NA12155	[2515685 chr4	4	169184442	169368370	183929	160	0.836253	0.013388	169184090	169184794	169366713	16937002
168 NA12155	[2515685 chr4	4	173363594	173367718	4125	6	-3.803817	0.133857	173362583	173364606	173367283	17336815
169 NA12155	[2515685 chr4	4	183944886	183947025	2140	3	-0.915123	0.090725	183944291	183945482	183946755	18394729
170 NA12155	[2515685 chr4	4	185533276	185544849	11574	12	0.85836	0.048677	185532696	185533857	185543276	18554642
171 NA12155	[2515685 chr4	4	187728494	187732907	4414	15	2.702861	0.061182	187728193	187728795	187732541	18773327
172 NA12155	[2515685 chr4	4	190528602	190533163	4562	21	-0.910316	0.035526	190528058	190529146	190531664	19053466
173 NA12155	[2515685 chr4	4	190845771	191059687	213917	220	0.319262	0.009863	190845056	190846486	191059242	19106013
174 NA12155	[2515685 chr4	4	191142404	191143596	1193	3	-0.437516	0.084732	191142135	191142673	191143215	19114397
175 NA12155	[2515685 chr5	5	261631	263283	1653	9	0.553973	0.053342	261032	262230	262766	263801
176 NA12155	[2515685 chr5	5	729565	870418	140854	127	0.379012	0.00682	729285	729845	870093	870744
177 NA12155	[2515685 chr5	5	876114	1135384	259271	320	0.379012	0.00682	875088	877140	1135081	1135688
178 NA12155	[2515685 chr5	5	1231558	1233247	1690	2	-0.894473	0.105428	1231167	1231949	1232879	1233615
179 NA12155	[2515685 chr5	5	12863961	12873512	9552	14	-0.986677	0.050794	12863778	12864144	12873198	1287382
180 NA12155	[2515685 chr5	5	21314653	21406258	91606	138	-0.30872	0.011867	21314281	21315025	21405983	2140653
181 NA12155	[2515685 chr5	5	21513408	21517092	3685	7	-0.435678	0.053127	21513105	21513711	21516899	2151728
182 NA12155	[2515685 chr5	5	21539892	21546205	6314	17	-0.376477	0.033768	21539883	21539901	21545559	2154685

183 NA12155	[2515685 chr5	5	21971730	22049242	77513	120	-0.35536	0.01325	21971258	21972202	22048833	2204965:
184 NA12155	[2515685 chr5	5	26831997	26837938	5942	6	0.784568	0.071801	26829858	26834136	26837469	2683840:
185 NA12155	[2515685 chr5	5	34217309	34292673	75365	137	-0.260764	0.01182	34217201	34217417	34291585	3429376:
186 NA12155	[2515685 chr5	5	61547004	61584623	37620	35	-0.264284	0.024327	61546192	61547816	61583848	6158539:
187 NA12155	[2515685 chr5	5	68865200	68886836	21637	45	0.436599	0.02362	68864770	68865630	68886492	6888718:
188 NA12155	[2515685 chr5	5	68948510	69741492	792983	1654	-0.279528	0.002247	68948219	68948802	69741346	6974163:
189 NA12155	[2515685 chr5	5	69803645	70336822	533178	1009	-0.279528	0.002247	69803354	69803937	70336531	7033711:
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191 NA12155	[2515685 chr5	5	81459210	81466058	6849	2	-1.492357	0.126302	81455614	81462405	81462863	8147028:
192 NA12155	[2515685 chr5	5	97427204	97428353	1150	2	1.016035	0.119121	97426913	97427496	97428177	9742852:
193 NA12155	[2515685 chr5	5	98882118	98896998	14881	24	-0.254835	0.030187	98881808	98882429	98896485	9889751:
194 NA12155	[2515685 chr5	5	99409393	99419037	9645	13	-0.43028	0.041686	99408997	99409789	99418328	9941974:
195 NA12155	[2515685 chr5	5	99745397	99760813	15417	27	-0.268553	0.028051	99745034	99745760	99760559	9976106:
196 NA12155	[2515685 chr5	5	115528114	115536700	8587	2	-0.710725	0.114903	115526586	115529642	115536144	11553725:
197 NA12155	[2515685 chr5	5	122649189	122651412	2224	3	-0.715173	0.093749	122648933	122649446	122650032	12265279:
198 NA12155	[2515685 chr5	5	137835178	137844134	8957	8	0.627228	0.060405	137834745	137835611	137843310	13784495:
199 NA12155	[2515685 chr5	5	140203081	140217091	14011	18	2.643749	0.068214	140202344	140203819	140216552	14021763:
200 NA12155	[2515685 chr5	5	140217091	140218928	1838	2	1.189403	0.130406	140216552	140217631	140218508	14021934:
201 NA12155	[2515685 chr5	5	140534849	140540106	5258	5	0.85211	0.06997	140534700	140534999	140539007	14054120:
202 NA12155	[2515685 chr5	5	165157996	165161604	3609	2	-0.879929	0.129276	165155280	165160712	165160802	16516240:
203 NA12155	[2515685 chr5	5	175549076	175554481	5406	8	0.271387	0.050005	175548728	175549424	175554034	17555492:
204 NA12155	[2515685 chr5	5	179650604	179664720	14117	14	0.252109	0.04076	179650330	179650878	179664447	17966499:
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206 NA12155	[2515685 chr6	6	201823	233994	32172	22	-0.5724	0.03316	201415	202232	233746	234242
207 NA12155	[2515685 chr6	6	237270	240929	3660	3	-0.451233	0.086899	236563	237978	240278	241581
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211 NA12155	[2515685 chr6	6	30050873	30053173	2301	6	0.408318	0.058192	30050514	30051232	30053025	3005332:
212 NA12155	[2515685 chr6	6	30760824	30763127	2304	3	0.514624	0.085299	30760078	30761571	30762846	3076340:
213 NA12155	[2515685 chr6	6	31346265	31348122	1858	3	0.430952	0.082174	31345931	31346599	31347941	3134830:
214 NA12155	[2515685 chr6	6	31365231	31367326	2096	2	0.681736	0.105955	31364305	31366158	31366773	3136787:
215 NA12155	[2515685 chr6	6	31378825	31380815	1991	2	-0.580587	0.115918	31377784	31379867	31380220	3138141:
216 NA12155	[2515685 chr6	6	32538780	32547042	8263	4	-0.407141	0.077672	32538477	32539084	32546557	3254752:
217 NA12155	[2515685 chr6	6	32564602	32586862	22261	4	-0.855985	0.155059	32564316	32564888	32586127	3258759:
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220 NA12155	[2515685 chr6	6	32653862	32655482	1621	3	1.178322	0.157111	32653679	32654046	32654980	3265598:
221 NA12155	[2515685 chr6	6	32678696	32680751	2056	3	0.630804	0.095525	32678507	32678885	32680547	3268095:
222 NA12155	[2515685 chr6	6	32738827	32741383	2557	4	0.684327	0.084367	32738491	32739164	32741135	3274163:
223 NA12155	[2515685 chr6	6	32744343	32749226	4884	3	-0.530566	0.092726	32744136	32744550	32745721	3275666:
224 NA12155	[2515685 chr6	6	35862833	35874426	11594	13	0.511954	0.041307	35862530	35863136	35873957	3587489:
225 NA12155	[2515685 chr6	6	47426244	47427505	1262	2	0.526951	0.103747	47425978	47426511	47427046	4742796:
226 NA12155	[2515685 chr6	6	54036900	54042384	5485	5	3.588309	0.169905	54036573	54037227	54041771	5404299:
227 NA12155	[2515685 chr6	6	58364952	58377793	12842	19	-0.2795	0.033111	58364614	58365290	58377554	5837803:
228 NA12155	[2515685 chr6	6	78325240	78328478	3239	4	-0.441116	0.071255	78324990	78325490	78328067	7832888:
229 NA12155	[2515685 chr6	6	79023318	79093263	69946	70	0.879515	0.01996	79022028	79024609	79091909	7909461:
230 NA12155	[2515685 chr6	6	120671191	120671916	726	2	1.384133	0.119323	120670696	120671686	120671725	12067210:
231 NA12155	[2515685 chr6	6	160997684	160999879	2196	3	0.505551	0.093137	160997465	160997903	160999261	16100049:
232 NA12155	[2515685 chr6	6	161001907	161038819	36913	63	0.600176	0.016319	161001167	161002648	161038605	16103903:
233 NA12155	[2515685 chr6	6	167766889	167776315	9427	18	0.288158	0.035292	167766568	167767211	167776063	16777656:
234 NA12155	[2515685 chr6	6	168535543	168537360	1818	12	0.297286	0.03614	168535263	168535824	168537100	16853762:
235 NA12155	[2515685 chr6	6	170522124	170523925	1802	3	0.467083	0.085137	170521802	170522447	170523613	17052423:
236 NA12155	[2515685 chr6	6	170545332	170548372	3041	5	0.31225	0.059573	170545091	170545573	170548088	17054865:
237 NA12155	[2515685 chr6	6	170603879	170604666	788	2	-2.360261	0.134596	170603541	170604217	170604339	17060499:

238 NA12155	[2515685 chr6	6	170625506	170627028	1523	3	1.699392	0.117794	170625015	170625997	170626579	17062747
239 NA12155	[2515685 chr7	7	113212	116416	3205	14	-0.291072	0.04295	113146	113279	116290	116543
240 NA12155	[2515685 chr7	7	1084125	1086660	2536	15	0.80129	0.038224	1083752	1084499	1085871	1087445
241 NA12155	[2515685 chr7	7	3384111	3392459	8349	8	0.94445	0.058976	3383451	3384772	3390107	3395611
242 NA12155	[2515685 chr7	7	37644779	37926067	281289	6	-0.352785	0.057584	37643332	37646226	37923715	37983327
243 NA12155	[2515685 chr7	7	43773800	43943926	170127	112	0.262665	0.013074	43773256	43774344	43941574	44020061
244 NA12155	[2515685 chr7	7	56653611	56668797	15187	11	0.434057	0.039859	56653051	56654171	56668252	56669341
245 NA12155	[2515685 chr7	7	62124270	62128473	4204	13	-0.304538	0.042899	62124190	62124350	62128063	62128881
246 NA12155	[2515685 chr7	7	62423752	62431487	7736	19	-0.337946	0.035705	62423322	62424183	62431266	62431701
247 NA12155	[2515685 chr7	7	62654114	62670115	16002	8	0.460841	0.044262	62653036	62655193	62667763	62673261
248 NA12155	[2515685 chr7	7	64033071	64045487	12417	36	-0.374426	0.024327	64032865	64033278	64045069	64045901
249 NA12155	[2515685 chr7	7	64162316	64165981	3666	3	0.605128	0.111275	64160143	64164489	64165654	64166301
250 NA12155	[2515685 chr7	7	64464087	64479903	15817	43	-0.320971	0.022322	64463669	64464506	64479522	64480281
251 NA12155	[2515685 chr7	7	64540847	64556662	15816	45	-0.332338	0.021633	64540466	64541228	64556244	64557081
252 NA12155	[2515685 chr7	7	69866390	69869623	3234	4	0.885023	0.086484	69865412	69867368	69869269	69869971
253 NA12155	[2515685 chr7	7	69869623	69871056	1434	2	3.835114	0.199223	69869269	69869978	69870420	69871169
254 NA12155	[2515685 chr7	7	71963931	71968948	5018	16	0.276395	0.031678	71963675	71964187	71968772	71969121
255 NA12155	[2515685 chr7	7	74142975	74146505	3531	13	0.302684	0.035243	74142799	74143151	74146336	74146671
256 NA12155	[2515685 chr7	7	74557218	74560769	3552	13	0.302684	0.035243	74557021	74557415	74560600	74560931
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258 NA12155	[2515685 chr7	7	74613282	74616811	3530	13	0.302684	0.035243	74613106	74613458	74616642	74616981
259 NA12155	[2515685 chr7	7	75790452	75792073	1622	2	-0.700275	0.115423	75790248	75790656	75791881	75792261
260 NA12155	[2515685 chr7	7	76173835	76175647	1813	2	0.673566	0.117684	76173564	76174106	76174852	76176441
261 NA12155	[2515685 chr7	7	76298730	76302272	3543	11	0.306504	0.038419	76298561	76298899	76302096	76302441
262 NA12155	[2515685 chr7	7	89455106	89456632	1527	3	2.857631	0.141179	89454839	89455373	89456225	89457031
263 NA12155	[2515685 chr7	7	92971481	92976895	5415	4	0.992135	0.093406	92971060	92971903	92975569	92978221
264 NA12155	[2515685 chr7	7	97032078	97047344	15267	17	-0.696608	0.041983	97031625	97032531	97046973	97047711
265 NA12155	[2515685 chr7	7	97201390	97203354	1965	7	0.375434	0.051169	97201229	97201551	97203295	97203411
266 NA12155	[2515685 chr7	7	100201831	100204435	2605	5	0.414135	0.068155	100201558	100202104	100204196	100204671
267 NA12155	[2515685 chr7	7	101583567	101586143	2577	9	0.287262	0.041731	101583458	101583677	101586005	101586281
268 NA12155	[2515685 chr7	7	101706883	101925433	218551	312	0.287527	0.007555	101690888	101709235	101924670	101926191
269 NA12155	[2515685 chr7	7	109034782	109046722	11941	9	2.590508	0.111205	109024063	109037134	109046491	109046951
270 NA12155	[2515685 chr7	7	109776378	109782655	6278	5	0.929361	0.080793	109775821	109776936	109782301	109783011
271 NA12155	[2515685 chr7	7	126114062	126121632	7571	11	-0.374335	0.044847	126113876	126114248	126121278	126121981
272 NA12155	[2515685 chr7	7	126123495	126124547	1053	2	-0.482635	0.096122	126123234	126123757	126124499	126124591
273 NA12155	[2515685 chr7	7	141498099	141526577	28479	38	0.563795	0.025204	141497066	141499133	141526109	141527041
274 NA12155	[2515685 chr7	7	141962017	141978673	16657	22	-0.364607	0.032765	141961693	141962342	141978355	141978991
275 NA12155	[2515685 chr7	7	143257273	143259025	1753	2	-0.746186	0.118553	143256987	143257560	143258671	143259381
276 NA12155	[2515685 chr7	7	143346673	143348067	1395	5	-0.947271	0.064501	143346643	143346704	143347806	143348321
277 NA12155	[2515685 chr7	7	143472403	143473797	1395	5	-0.947273	0.064501	143472142	143472664	143473766	143473821
278 NA12155	[2515685 chr7	7	150003533	150011586	8054	8	-0.772089	0.058108	150003334	150003732	150011258	150011911
279 NA12155	[2515685 chr7	7	155886350	155889270	2921	3	-0.712832	0.096256	155885986	155886714	155888729	155889811
280 NA12155	[2515685 chr7	7	156976112	156978464	2353	2	0.640308	0.105248	156975812	156976413	156977896	156979031
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282 NA12155	[2515685 chr7	7	158617060	158624380	7321	6	0.897143	0.07437	158616763	158617357	158622028	158626731
283 NA12155	[2515685 chr8	8	1328256	1343509	15254	45	-0.696176	0.020487	1327688	1328824	1342795	1344221
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285 NA12155	[2515685 chr8	8	3632583	3634032	1450	2	-0.466706	0.090987	3632337	3632830	3633441	3634621
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291 NA12155	[2515685 chr8	8	6815529	6868493	52965	95	0.257543	0.013775	6815199	6815860	6868272	6868711
292 NA12155	[2515685 chr8	8	7066821	7073773	6953	11	0.328111	0.040127	7066421	7067222	7073366	7074181

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294 NA12155	[2515685 chr8	8	7950916	7966244	15329	39	0.33841	0.003337	7950711	7951122	7965980	7966501
295 NA12155	[2515685 chr8	8	11908238	11912516	4279	9	0.28905	0.048071	11908082	11908395	11912372	11912661
296 NA12155	[2515685 chr8	8	12013405	12213645	200241	194	0.276656	0.006906	12013117	12013694	12213312	12213971
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304 NA12155	[2515685 chr8	8	22602693	22609330	6638	8	0.299095	0.053622	22602161	22603225	22608929	22609731
305 NA12155	[2515685 chr8	8	47642281	47661491	19211	36	0.430301	0.02587	47637780	47645038	47658734	47688111
306 NA12155	[2515685 chr8	8	49081430	49084499	3070	2	0.617364	0.107792	49079497	49083364	49084089	49084911
307 NA12155	[2515685 chr8	8	58278355	58287850	9496	8	1.316861	0.052115	58277116	58279595	58287616	58288081
308 NA12155	[2515685 chr8	8	58287850	58298767	10918	10	0.457042	0.046703	58287616	58288084	58296544	58300991
309 NA12155	[2515685 chr8	8	85423649	85431920	8272	7	0.937763	0.060208	85423043	85424256	85431347	85432491
310 NA12155	[2515685 chr8	8	86742169	86910255	168087	105	0.597889	0.013179	86741757	86742581	86910002	86910501
311 NA12155	[2515685 chr8	8	115148105	115149916	1812	2	-1.130491	0.137431	115147694	115148517	115149348	115150481
312 NA12155	[2515685 chr8	8	120222657	120229952	7296	6	0.782123	0.06623	120218251	120225414	120229434	120230471
313 NA12155	[2515685 chr8	8	145262133	145290325	28193	27	0.285111	0.027567	145260806	145263460	145290013	145290631
314 NA12155	[2515685 chr9	9	310045	313497	3453	62	-0.33685	0.016479	309952	310139	312740	3142551
315 NA12155	[2515685 chr9	9	39019343	39021843	2501	5	-0.479929	0.065635	39019070	39019616	39021230	39022451
316 NA12155	[2515685 chr9	9	39201179	39202074	896	3	-0.604777	0.078511	39200878	39201481	39201826	39202321
317 NA12155	[2515685 chr9	9	39512437	39513331	895	3	-0.604777	0.078511	39512136	39512739	39513084	39513571
318 NA12155	[2515685 chr9	9	39811790	39822887	11098	18	-0.289418	0.033297	39810439	39813141	39822472	39823301
319 NA12155	[2515685 chr9	9	40205426	40281549	76124	137	-0.257628	0.008233	40205146	40205707	40281292	40281801
320 NA12155	[2515685 chr9	9	40283907	40357063	73157	158	-0.257628	0.008233	40283834	40283980	40356886	40357241
321 NA12155	[2515685 chr9	9	41642009	41646461	4453	8	-0.299215	0.051116	41641595	41642423	41646031	41646891
322 NA12155	[2515685 chr9	9	41648069	41653902	5834	6	-0.468945	0.055838	41647821	41648318	41651748	41656051
323 NA12155	[2515685 chr9	9	42074739	42078332	3594	7	-0.377694	0.050713	42074446	42075033	42078087	42078571
324 NA12155	[2515685 chr9	9	42752844	42762940	10097	16	-0.422927	0.032114	42751520	42754168	42762696	42763181
325 NA12155	[2515685 chr9	9	42873520	42883616	10097	16	-0.422933	0.032114	42872196	42874844	42883372	42883861
326 NA12155	[2515685 chr9	9	43065211	43066832	1622	2	-1.052956	0.127609	43064261	43066162	43066646	43067011
327 NA12155	[2515685 chr9	9	43099070	43172081	73012	159	-0.2551	0.009158	43098901	43099240	43171796	43172361
328 NA12155	[2515685 chr9	9	43174658	43213436	38779	77	-0.2551	0.009158	43174402	43174915	43213301	43213571
329 NA12155	[2515685 chr9	9	43480913	43484547	3635	3	-0.486712	0.096261	43478265	43483277	43484309	43484781
330 NA12155	[2515685 chr9	9	43807800	43810310	2511	3	-0.932138	0.092807	43807212	43808388	43810107	43810511
331 NA12155	[2515685 chr9	9	43885522	43886459	938	2	-0.514007	0.101116	43885267	43885778	43886107	43886811
332 NA12155	[2515685 chr9	9	45073178	45084112	10935	2	0.639166	0.099042	45066451	45075542	45081748	45093531
333 NA12155	[2515685 chr9	9	45598651	45609584	10934	2	0.639166	0.099041	45593357	45601015	45607220	45616311
334 NA12155	[2515685 chr9	9	69239712	69257511	17800	12	0.271876	0.040914	69238826	69240599	69257378	69257641
335 NA12155	[2515685 chr9	9	69326160	69352501	26342	27	-0.90893	0.031702	69321093	69328524	69350137	69356941
336 NA12155	[2515685 chr9	9	101795950	101804576	8627	7	-0.944931	0.067456	101795517	101796383	101803113	101806031
337 NA12155	[2515685 chr9	9	112901134	112932269	31136	43	0.409375	0.019843	112900711	112901557	112931621	112932911
338 NA12155	[2515685 chr9	9	130843003	130847484	4482	5	0.380567	0.066857	130842119	130843888	130846441	130848521
339 NA12155	[2515685 chr9	9	135438417	135444067	5651	2	4.240397	0.197501	135383632	135440781	135443016	135445111
340 NA12155	[2515685 chr9	9	138397327	138399638	2312	12	-0.25967	0.046281	138397201	138397454	138399572	138399701
341 NA12155	[2515685 chr10	10	170571	172369	1799	2	0.6378	0.101434	170341	170801	171237	1735011
342 NA12155	[2515685 chr10	10	3099589	3101985	2397	2	0.684141	0.117567	3098962	3100217	3101441	3102521
343 NA12155	[2515685 chr10	10	6693908	6704321	10414	9	0.774309	0.054512	6692231	6695585	6704008	6704631
344 NA12155	[2515685 chr10	10	19788068	19791314	3247	4	-0.400677	0.068365	19787726	19788411	19790970	19791651
345 NA12155	[2515685 chr10	10	20036833	20038315	1483	2	-0.724388	0.114791	20036464	20037202	20038007	20038621
346 NA12155	[2515685 chr10	10	20888198	20900115	11918	9	-0.643811	0.056052	20883329	20890946	20897367	20902911
347 NA12155	[2515685 chr10	10	37488261	37529195	40935	62	-0.450241	0.016911	37487986	37488536	37528890	37529501

348 NA12155	[2515685 chr10	10	42558465	42565662	7198	11	-0.351082	0.045611	42558283	42558647	42565423	42565907
349 NA12155	[2515685 chr10	10	46101676	46132737	31062	47	-0.312271	0.019567	46101661	46101691	46132697	46132771
350 NA12155	[2515685 chr10	10	46168755	46170845	2091	9	-0.322359	0.048274	46168488	46169022	46170704	46170987
351 NA12155	[2515685 chr10	10	46233249	46239743	6495	18	-0.299502	0.031987	46233114	46233385	46239493	46239999
352 NA12155	[2515685 chr10	10	46256571	46259735	3165	9	-0.499956	0.047468	46256467	46256676	46259649	46259827
353 NA12155	[2515685 chr10	10	46402369	46408539	6171	7	-0.419423	0.055307	46402159	46402580	46408206	46408887
354 NA12155	[2515685 chr10	10	46737007	47105232	368226	304	-0.250016	0.007034	46736746	46737269	47104968	47105497
355 NA12155	[2515685 chr10	10	47112204	47173707	61504	93	-0.250016	0.007034	47112009	47112400	47173507	47173907
356 NA12155	[2515685 chr10	10	47728852	47731937	3086	10	-0.521039	0.046852	47728766	47728939	47731752	47732127
357 NA12155	[2515685 chr10	10	48488577	48529199	40623	68	-0.26776	0.01644	48488562	48488592	48529184	48529211
358 NA12155	[2515685 chr10	10	48622994	48629471	6478	19	-0.286976	0.031908	48622859	48623130	48629203	48629741
359 NA12155	[2515685 chr10	10	48645747	48665052	19266	45	-0.298157	0.019672	48645700	48645874	48664430	48665671
360 NA12155	[2515685 chr10	10	48887283	48889465	2223	6	-0.358845	0.053602	48886453	48888033	48889265	48889661
361 NA12155	[2515685 chr10	10	56117212	56139275	22064	20	-1.015946	0.035454	56115764	56118661	56138931	56139611
362 NA12155	[2515685 chr10	10	66977355	66985193	7839	8	-0.936494	0.064115	66976803	66977908	66984894	66985497
363 NA12155	[2515685 chr10	10	81144645	81173619	28975	28	-0.278284	0.024819	81144276	81145014	81171386	81175857
364 NA12155	[2515685 chr10	10	81464835	81493795	28961	26	-0.269879	0.025857	81464464	81465206	81491562	81496027
365 NA12155	[2515685 chr10	10	88987140	89016296	29157	39	-0.266148	0.022572	88987076	88987204	89014572	89018027
366 NA12155	[2515685 chr10	10	114102241	114106477	4237	5	-4.723303	0.186704	114101694	114102788	114105867	11410708
367 NA12155	[2515685 chr10	10	124336365	124341749	5385	6	0.667433	0.069289	124335581	124337149	124341238	12434226
368 NA12155	[2515685 chr10	10	134168766	134170259	1494	17	-0.303013	0.038896	134168524	134169008	134170097	13417042
369 NA12155	[2515685 chr10	10	134924761	134936051	11291	30	0.385146	0.02887	134924706	134924816	134935860	13493624
370 NA12155	[2515685 chr10	10	135179346	135183528	4183	23	0.295412	0.026104	135178919	135179774	135183320	13518373
371 NA12155	[2515685 chr10	10	135362077	135367159	5083	8	0.273597	0.052667	135361749	135362405	135366656	13536766
372 NA12155	[2515685 chr11	11	2839485	2842410	2926	4	0.586001	0.076419	2839011	2839959	2841856	2842961
373 NA12155	[2515685 chr11	11	3628748	3632795	4048	6	-2.486992	0.089445	3625722	3631775	3632594	3632991
374 NA12155	[2515685 chr11	11	4322633	4323296	664	2	0.636315	0.103293	4322266	4323001	4323117	4323471
375 NA12155	[2515685 chr11	11	5717038	5722030	4993	3	3.280413	0.162674	5716660	5717416	5718945	5725487
376 NA12155	[2515685 chr11	11	5741781	5765993	24213	32	2.327615	0.05557	5741059	5742504	5765632	5766354
377 NA12155	[2515685 chr11	11	11831868	11833089	1222	2	0.913741	0.125652	11831412	11832324	11832853	11833321
378 NA12155	[2515685 chr11	11	18903448	18923024	19577	30	0.498487	0.028028	18897800	18906533	18919939	18928457
379 NA12155	[2515685 chr11	11	48284073	48284771	699	2	1.084552	0.111895	48283862	48284285	48284572	48284971
380 NA12155	[2515685 chr11	11	48997072	49001951	4880	10	0.280995	0.049101	48996760	48997384	49001459	49002449
381 NA12155	[2515685 chr11	11	49665830	49715833	50004	36	0.448863	0.025849	49665251	49666410	49712748	49721989
382 NA12155	[2515685 chr11	11	50233802	50235333	1532	3	-0.405025	0.075382	50233483	50234121	50234922	50235741
383 NA12155	[2515685 chr11	11	54970040	54979405	9366	8	-0.27652	0.051418	54969740	54970341	54979178	54979637
384 NA12155	[2515685 chr11	11	60721034	60777477	56444	74	0.709445	0.01575	60720112	60721956	60776810	60778141
385 NA12155	[2515685 chr11	11	73815147	73817979	2833	2	-0.722029	0.112749	73812981	73817313	73817746	73818217
386 NA12155	[2515685 chr11	11	85981700	85984113	2414	3	-0.98247	0.098981	85981147	85982254	85983791	85984431
387 NA12155	[2515685 chr11	11	88263339	88303948	40610	40	0.259798	0.02465	88258479	88266424	88303762	88304137
388 NA12155	[2515685 chr11	11	89184898	89189792	4895	5	0.688815	0.084452	89184243	89185554	89189177	89190407
389 NA12155	[2515685 chr11	11	89323920	89327673	3754	8	-0.300742	0.053575	89323666	89324175	89327396	89327951
390 NA12155	[2515685 chr11	11	96613298	96614605	1308	2	-0.79774	0.115188	96613051	96613545	96614321	96614891
391 NA12155	[2515685 chr11	11	106744846	106746569	1724	5	-0.965172	0.082461	106744561	106745131	106746367	10674677
392 NA12155	[2515685 chr11	11	106747019	106751056	4038	3	-0.704606	0.096266	106746772	106747267	106747971	10675483
393 NA12155	[2515685 chr11	11	129821773	129829067	7295	7	0.312691	0.058293	129821444	129822103	129828182	12982995
394 NA12155	[2515685 chr11	11	134107699	134112290	4592	5	0.861817	0.0766	134106591	134108808	134111845	13411273
395 NA12155	[2515685 chr12	12	2112534	2127840	15307	16	0.770849	0.03945	2109107	2115961	2127279	2128407
396 NA12155	[2515685 chr12	12	6113530	6117052	3523	3	0.947517	0.102925	6111640	6115421	6116289	6117811
397 NA12155	[2515685 chr12	12	8238250	8271843	33594	47	0.29972	0.021003	8238076	8238425	8271580	8272107
398 NA12155	[2515685 chr12	12	8434390	8443687	9298	19	0.307553	0.031207	8433950	8434831	8442906	8444461
399 NA12155	[2515685 chr12	12	9267394	9271654	4261	2	-0.634084	0.119717	9266955	9267834	9270768	9272541
400 NA12155	[2515685 chr12	12	11109398	11142012	32615	40	-0.396982	0.023798	11109206	11109590	11141608	11142417
401 NA12155	[2515685 chr12	12	11229475	11230808	1334	2	0.621293	0.106676	11228967	11229984	11230473	11231114
402 NA12155	[2515685 chr12	12	11398899	11436142	37244	33	-0.442053	0.025944	11398591	11399207	11435669	11436611

403 NA12155	[2515685 chr12	12	46994634	46995975	1342	2	-0.879395	0.13657	46994358	46994911	46995667	4699628
404 NA12155	[2515685 chr12	12	62184306	62189352	5047	2	-0.877504	0.129104	62183601	62185011	62186044	62192660
405 NA12155	[2515685 chr12	12	129395501	129397499	1999	14	0.348107	0.034211	129395008	129395994	129397172	12939782
406 NA12155	[2515685 chr12	12	130777013	130778340	1328	2	0.57631	0.100029	130776667	130777359	130778020	13077866
407 NA12155	[2515685 chr12	12	130829328	130830361	1034	2	0.566221	0.10064	130828952	130829705	130830203	13083051
408 NA12155	[2515685 chr13	13	18217757	18277248	59492	20	0.32199	0.032978	18217719	18217795	182175111	1827938!
409 NA12155	[2515685 chr13	13	25947233	25950398	3166	3	3.506554	0.167312	25946194	25948272	25949415	2595138
410 NA12155	[2515685 chr13	13	33029566	33042392	12827	8	0.798371	0.064033	33000262	33034253	33041860	3304292!
411 NA12155	[2515685 chr13	13	56611711	56645734	34024	47	0.420476	0.018261	56610946	56612477	56645321	5664614
412 NA12155	[2515685 chr13	13	68143211	68162454	19244	22	-0.877496	0.036207	68142130	68144292	68161725	6816318!
413 NA12155	[2515685 chr13	13	69633905	69673289	39385	41	0.794615	0.026213	69633412	69634399	69672985	6967359!
414 NA12155	[2515685 chr13	13	110502383	110503129	747	3	-1.069103	0.102325	110502225	110502541	110502890	11050336
415 NA12155	[2515685 chr14	14	18439491	18567580	128090	136	-0.458858	0.003626	18437497	18441485	18566846	1856831
416 NA12155	[2515685 chr14	14	18570586	18707498	136913	244	-0.458858	0.003626	18570362	18570811	18706650	1870834
417 NA12155	[2515685 chr14	14	18713012	18754438	41427	81	-0.458858	0.003626	18712887	18713138	18754380	1875449
418 NA12155	[2515685 chr14	14	18758859	18818454	59596	111	-0.458858	0.003626	18758795	18758923	18818043	1881886!
419 NA12155	[2515685 chr14	14	18850498	19002373	151876	265	-0.458858	0.003626	18850172	18850824	19002247	1900249!
420 NA12155	[2515685 chr14	14	19005677	19142870	137194	249	-0.458858	0.003626	19005568	19005787	19142646	1914309!
421 NA12155	[2515685 chr14	14	19145876	19494842	348967	403	-0.458858	0.003626	19145143	19146610	19494444	1949524
422 NA12155	[2515685 chr14	14	19619346	19625484	6139	2	3.720359	0.257271	19612261	19624114	19625018	1962595!
423 NA12155	[2515685 chr14	14	23574706	23575428	723	2	0.546485	0.092164	23574469	23574944	23575303	2357555
424 NA12155	[2515685 chr14	14	40895652	40897384	1733	2	-0.82299	0.123264	40895015	40896289	40897151	4089761!
425 NA12155	[2515685 chr14	14	42059344	42062997	3654	2	0.866631	0.122729	42056485	42062203	42062601	4206339!
426 NA12155	[2515685 chr14	14	53780053	53782988	2936	5	-0.949835	0.078636	53779833	53780274	53782739	5378323!
427 NA12155	[2515685 chr14	14	73063171	73122855	59685	54	0.495186	0.020877	73061866	73064476	73122227	7312348!
428 NA12155	[2515685 chr14	14	85352729	85353678	950	2	0.605309	0.112228	85352528	85352931	85353378	8535397!
429 NA12155	[2515685 chr14	14	85355318	85383570	28253	27	-0.929158	0.032298	85355002	85355635	85382242	8538489!
430 NA12155	[2515685 chr14	14	103320373	103321606	1234	2	0.465456	0.091024	103320013	103320734	103321274	10332193
431 NA12155	[2515685 chr14	14	103430269	103432153	1885	3	0.498035	0.073902	103429996	103430542	103431610	10343269
432 NA12155	[2515685 chr14	14	104766812	104778505	11694	145	-0.606944	0.011803	104766457	104767167	104778286	10477872!
433 NA12155	[2515685 chr15	15	18417648	18430991	13344	13	0.37916	0.041394	18413063	18419952	18430684	1843129!
434 NA12155	[2515685 chr15	15	18439723	18450345	10623	5	-0.414063	0.074375	18439532	18439914	18450100	1845059!
435 NA12155	[2515685 chr15	15	18457915	18468372	10458	7	-0.351564	0.053643	18457619	18458212	18467866	1846887!
436 NA12155	[2515685 chr15	15	18555968	18557255	1288	2	-0.705916	0.110046	18555543	18556394	18556441	1855806!
437 NA12155	[2515685 chr15	15	18650520	18690378	39859	41	-0.308556	0.023412	18650193	18650848	18690036	1869072!
438 NA12155	[2515685 chr15	15	18824476	18836662	12187	13	-0.384277	0.04269	18824302	18824650	18836367	1883695!
439 NA12155	[2515685 chr15	15	18840785	18849369	8585	13	-0.867534	0.043872	18839417	18842153	18848726	1885001!
440 NA12155	[2515685 chr15	15	18849369	18888949	39581	39	-0.327136	0.024347	18848726	18850013	18886645	1889275!
441 NA12155	[2515685 chr15	15	19050774	19056269	5496	3	-0.473019	0.074031	19048080	19053078	19056068	1905647!
442 NA12155	[2515685 chr15	15	19090947	19092178	1232	3	-0.518661	0.086226	19090386	19091509	19091867	1909249!
443 NA12155	[2515685 chr15	15	19391202	19396368	5167	9	-0.353171	0.050285	19390673	19391731	19396071	1939666!
444 NA12155	[2515685 chr15	15	19468608	19480237	11630	8	-0.353375	0.047912	19468389	19468827	19479214	1948126
445 NA12155	[2515685 chr15	15	19521510	19528073	6564	14	-0.272227	0.036988	19521219	19521801	19527910	1952823!
446 NA12155	[2515685 chr15	15	19661791	19665545	3755	3	-0.450572	0.075612	19661464	19662119	19663241	1976350!
447 NA12155	[2515685 chr15	15	19797016	19801971	4956	11	-0.483189	0.043468	19796797	19797235	19801776	1980216!
448 NA12155	[2515685 chr15	15	20367533	20385080	17548	19	0.267001	0.032275	20367145	20367922	20384584	2038557!
449 NA12155	[2515685 chr15	15	21009586	21015083	5498	3	-0.473019	0.074031	21006900	21011890	21014882	2101528!
450 NA12155	[2515685 chr15	15	21049779	21051502	1724	4	-0.441896	0.071012	21049217	21050342	21051321	2105168
451 NA12155	[2515685 chr15	15	21606753	21614602	7850	7	0.911879	0.069834	21606459	21607047	21612298	2163669!
452 NA12155	[2515685 chr15	15	21898127	21930852	32726	32	-0.289212	0.025663	21898017	21898237	21929383	2193232!
453 NA12155	[2515685 chr15	15	22062101	22092026	29926	37	-0.268921	0.024542	22062047	22062155	22091550	2209250!
454 NA12155	[2515685 chr15	15	22203281	22311132	107852	119	-0.348485	0.013699	22202730	22203833	22308828	2231607!
455 NA12155	[2515685 chr15	15	24986053	24992250	6198	7	0.956676	0.067857	24985426	24986680	24991680	2499282!
456 NA12155	[2515685 chr15	15	27133105	27134889	1785	5	0.43351	0.066185	27132904	27133306	27134660	2713511!
457 NA12155	[2515685 chr15	15	28231805	28479588	247784	373	0.256711	0.007552	28231555	28232056	28479402	2847977!

458 NA12155	[2515685 chr15	15	28572480	28584728	12249	8	0.354888	0.050846	28571980	28572981	28582650	28586807
459 NA12155	[2515685 chr15	15	28606541	28615711	9171	15	0.278728	0.034623	28606305	28606778	28615510	28615917
460 NA12155	[2515685 chr15	15	28645228	28654504	9277	16	0.321994	0.034013	28645123	28645333	28654500	28654501
461 NA12155	[2515685 chr15	15	30233486	30468087	234602	346	0.258078	0.007934	30233172	30233800	30467363	30468817
462 NA12155	[2515685 chr15	15	30499154	30520934	21781	43	0.254623	0.020755	30498803	30499505	30520735	30521137
463 NA12155	[2515685 chr15	15	30550779	30560029	9251	16	0.274472	0.033531	30550701	30550857	30559711	30560347
464 NA12155	[2515685 chr15	15	30581974	30594019	12046	8	0.35237	0.050234	30579896	30584052	30593714	30594321
465 NA12155	[2515685 chr15	15	32468792	32656877	188086	191	0.407183	0.010447	32468521	32469063	32656150	32657601
466 NA12155	[2515685 chr15	15	41924444	41928405	3962	3	0.612505	0.092165	41923444	41925445	41927893	41928911
467 NA12155	[2515685 chr15	15	54577186	54582093	4908	8	-0.900575	0.057884	54577013	54577360	54579789	54618847
468 NA12155	[2515685 chr15	15	74671388	74682822	11435	9	0.872963	0.057814	74671122	74671654	74680518	74689511
469 NA12155	[2515685 chr15	15	80588100	80588985	886	2	-0.582805	0.088525	80587699	80588502	80588602	80589361
470 NA12155	[2515685 chr15	15	80982676	80983561	886	2	-0.582805	0.088525	80982275	80983078	80983178	80983947
471 NA12155	[2515685 chr15	15	82333041	82335194	2154	2	-0.690641	0.107071	82332284	82333799	82334729	82335661
472 NA12155	[2515685 chr15	15	83581911	83582575	665	2	-0.582792	0.088524	83581731	83582092	83582192	83582951
473 NA12155	[2515685 chr15	15	98234084	98240716	6633	8	0.817017	0.064835	98233842	98234327	98239350	98242087
474 NA12155	[2515685 chr15	15	99664319	99666783	2465	3	0.49856	0.088606	99664041	99664598	99666335	99667237
475 NA12155	[2515685 chr15	15	100109640	100122682	13043	98	0.600842	0.012839	100108905	100110376	100122315	100123051
476 NA12155	[2515685 chr15	15	100266886	100337837	70952	63	0.263438	0.017987	100264210	100269190	100336759	100338911
477 NA12155	[2515685 chr16	16	946002	948831	2830	2	-0.889894	0.112721	945660	946345	947314	950345
478 NA12155	[2515685 chr16	16	948831	952527	3697	39	0.420078	0.020047	947314	950349	952191	952864
479 NA12155	[2515685 chr16	16	2638196	2640225	2030	3	-0.942168	0.11403	2637783	2638609	2639826	2640624
480 NA12155	[2515685 chr16	16	14696077	14703775	7699	5	-0.310164	0.055988	14695838	14696316	14703313	14704237
481 NA12155	[2515685 chr16	16	14735195	14742897	7703	5	-0.310161	0.055988	14734956	14735434	14742435	14743351
482 NA12155	[2515685 chr16	16	16633469	16639120	5652	4	0.490194	0.076062	16632502	16634437	16638386	16639857
483 NA12155	[2515685 chr16	16	19853133	19869228	16096	14	-0.82147	0.043302	19852680	19853587	19867345	19879411
484 NA12155	[2515685 chr16	16	21419656	21502620	82965	80	0.269035	0.015851	21419375	21419938	21501101	21504141
485 NA12155	[2515685 chr16	16	22458848	22618743	159896	146	0.296941	0.011882	22457280	22460417	22617181	22620301
486 NA12155	[2515685 chr16	16	28324917	28332627	7711	5	-0.533272	0.068922	28324665	28325169	28332615	28332631
487 NA12155	[2515685 chr16	16	28620329	28628077	7749	5	-0.533277	0.068922	28620317	28620341	28627777	28628337
488 NA12155	[2515685 chr16	16	31870268	31894079	23812	46	-0.317788	0.021039	31870008	31870528	31893656	31894507
489 NA12155	[2515685 chr16	16	32154214	32197170	42957	98	-0.485109	0.013918	32154161	32154267	32196926	32197417
490 NA12155	[2515685 chr16	16	32213712	32219640	5929	12	-0.518122	0.038521	32213463	32213961	32219531	32219747
491 NA12155	[2515685 chr16	16	32479454	32514716	35263	9	-0.324758	0.01637	32400448	32481337	32514260	32515177
492 NA12155	[2515685 chr16	16	32517597	32560619	43023	72	-0.324758	0.01637	32517265	32517929	32559391	32561847
493 NA12155	[2515685 chr16	16	32570265	32612861	42597	103	-0.464484	0.013575	32570138	32570393	32612808	32612917
494 NA12155	[2515685 chr16	16	32614929	32616183	1255	2	-0.801392	0.093478	32614897	32614961	32615350	32617017
495 NA12155	[2515685 chr16	16	32767311	32767950	640	2	-0.686452	0.100022	32767166	32767456	32767576	32768327
496 NA12155	[2515685 chr16	16	32807380	32833612	26233	46	-0.345164	0.021141	32807111	32807650	32833543	32833687
497 NA12155	[2515685 chr16	16	33095178	33121570	26393	78	-0.426971	0.009083	33095125	33095231	33121485	33121651
498 NA12155	[2515685 chr16	16	33124597	33178109	53513	115	-0.426971	0.009083	33124532	33124662	33178024	33178197
499 NA12155	[2515685 chr16	16	33181136	33194268	13133	12	-0.426971	0.009083	33181071	33181201	33194099	33194437
500 NA12155	[2515685 chr16	16	33207215	33209367	2153	5	-0.50397	0.065133	33206951	33207480	33209124	33209611
501 NA12155	[2515685 chr16	16	33211121	33217055	5935	10	-0.550451	0.041971	33210872	33211370	33216946	33217161
502 NA12155	[2515685 chr16	16	33336488	33397333	60846	74	-0.29496	0.017018	33336324	33336653	33397172	33397491
503 NA12155	[2515685 chr16	16	33502420	33570898	68479	90	-0.325886	0.015594	33502141	33502700	33570429	33571361
504 NA12155	[2515685 chr16	16	33647651	33684025	36375	64	-0.30039	0.018166	33647418	33647884	33683516	33684531
505 NA12155	[2515685 chr16	16	33720144	33723491	3348	5	-0.492633	0.064338	33716428	33722027	33723206	33723777
506 NA12155	[2515685 chr16	16	33852540	33873809	21270	13	0.360336	0.042547	33852389	33852692	33873512	33874101
507 NA12155	[2515685 chr16	16	34326899	34342005	15107	25	-0.479971	0.008682	34326619	34327179	34341760	34342251
508 NA12155	[2515685 chr16	16	34343871	34603408	259538	284	-0.479971	0.008682	34343515	34344228	34602803	34604017
509 NA12155	[2515685 chr16	16	34604535	34609076	4542	2	-0.663964	0.115364	34604013	34605058	34607193	34617321
510 NA12155	[2515685 chr16	16	54353711	54360305	6595	8	-0.389957	0.055782	54353419	54354004	54359570	54361041
511 NA12155	[2515685 chr16	16	54365075	54371760	6686	8	-0.638688	0.051011	54364721	54365430	54370782	54372731
512 NA12155	[2515685 chr16	16	54376230	54380125	3896	3	-0.509113	0.095722	54375462	54376998	54379862	54380381

513 NA12155	[2515685 chr16	16	54399675	54403491	3817	5	0.608361	0.071026	54399445	54399906	54402534	5440444!
514 NA12155	[2515685 chr16	16	57204541	57207585	3045	3	5.287668	0.225018	57204170	57204913	57206938	5720823:
515 NA12155	[2515685 chr16	16	68702274	68705042	2769	4	-0.483609	0.080029	68701593	68702955	68704880	6870520-
516 NA12155	[2515685 chr16	16	68706855	68756350	49496	54	-0.638597	0.020734	68705436	68708274	68755896	6875680!
517 NA12155	[2515685 chr16	16	70647868	70653409	5542	7	0.288486	0.055946	70647656	70648081	70653186	7065363:
518 NA12155	[2515685 chr16	16	72921362	72965445	44084	41	-0.459441	0.023239	72920922	72921803	72964811	7296607!
519 NA12155	[2515685 chr16	16	74033566	74036312	2747	4	-0.38235	0.073845	74033190	74033943	74035963	7403666:
520 NA12155	[2515685 chr16	16	76928915	76942282	13368	11	0.700849	0.046315	76928609	76929221	76941602	7694296:
521 NA12155	[2515685 chr16	16	83994929	84004171	9243	81	-0.269018	0.014694	83994558	83995300	84003767	8400457!
522 NA12155	[2515685 chr16	16	86669849	86672366	2518	2	-0.91979	0.116692	86669288	86670411	86671217	8667351!
523 NA12155	[2515685 chr16	16	88164134	88200619	36486	30	0.267317	0.027968	88163792	88164476	88198736	8820255!
524 NA12155	[2515685 chr16	16	88472817	88473962	1146	11	0.283752	0.04731	88472495	88473140	88473770	8847415!
525 NA12155	[2515685 chr16	16	88710329	88712266	1938	10	-0.297851	0.051345	88710203	88710456	88712200	8871233:
526 NA12155	[2515685 chr17	17	957761	974361	16601	36	0.30559	0.025661	957448	958075	974003	97472C
527 NA12155	[2515685 chr17	17	18306470	18307337	868	2	0.776565	0.092952	18306190	18306750	18306916	1830775!
528 NA12155	[2515685 chr17	17	18331739	18332345	607	2	-0.635759	0.097338	18331509	18331970	18331978	1833271:
529 NA12155	[2515685 chr17	17	19026058	19029322	3265	3	-0.413491	0.082063	19025712	19026404	19029317	1902932:
530 NA12155	[2515685 chr17	17	19036749	19040012	3264	3	-0.413491	0.082063	19036744	19036754	19039666	1904035!
531 NA12155	[2515685 chr17	17	20299935	20300531	597	2	-0.635761	0.097338	20299568	20300303	20300311	2030075
532 NA12155	[2515685 chr17	17	20325192	20325864	673	2	0.776565	0.092952	20324968	20325416	20325582	2032614!
533 NA12155	[2515685 chr17	17	21825576	21837996	12421	9	0.430561	0.043033	21824915	21826238	21835794	2184235:
534 NA12155	[2515685 chr17	17	21946928	21951091	4164	7	-0.392556	0.053256	21946587	21947270	21950751	2195143
535 NA12155	[2515685 chr17	17	21985286	21989661	4376	5	-0.613927	0.072449	21985012	21985561	21989141	2199018
536 NA12155	[2515685 chr17	17	23101576	23107074	5499	10	0.28674	0.044804	23101223	23101930	23106869	2310727!
537 NA12155	[2515685 chr17	17	31430406	31439351	8946	14	0.256834	0.04132	31429658	31431155	31439129	3143957-
538 NA12155	[2515685 chr17	17	31506465	31529424	22960	59	-0.296645	0.01759	31506035	31506896	31529243	3152960!
539 NA12155	[2515685 chr17	17	31533714	31547926	14213	22	0.475051	0.027494	31533363	31534065	31547521	3154833
540 NA12155	[2515685 chr17	17	31578624	31617468	38845	96	-0.289726	0.013823	31578609	31578640	31617287	3161764!
541 NA12155	[2515685 chr17	17	31621895	31649500	27606	39	0.46107	0.020971	31621668	31622123	31649095	3164990!
542 NA12155	[2515685 chr17	17	31680187	31832493	152307	131	-0.325968	0.008744	31680172	31680203	31832302	3183268-
543 NA12155	[2515685 chr17	17	31834979	31883532	48554	85	-0.325968	0.008744	31834744	31835215	31883351	3188371:
544 NA12155	[2515685 chr17	17	31885940	31889223	3284	6	-0.325968	0.008744	31885795	31886086	31888786	3188966
545 NA12155	[2515685 chr17	17	33324385	33354516	30132	31	-0.380546	0.006566	33323841	33324930	33354273	3335475!
546 NA12155	[2515685 chr17	17	33357428	33553833	196406	243	-0.380546	0.006566	33357178	33357679	33553386	3355428!
547 NA12155	[2515685 chr17	17	33556075	33659558	103484	159	-0.380546	0.006566	33555830	33556321	33658997	3366011!
548 NA12155	[2515685 chr17	17	36675530	36685343	9814	10	-0.765771	0.051412	36675011	36676049	36684647	3668604!
549 NA12155	[2515685 chr17	17	41006614	41011870	5257	7	-0.385935	0.057516	41006215	41007013	41011558	4101218:
550 NA12155	[2515685 chr17	17	41018715	41057874	39160	38	0.349019	0.023506	41018308	41019122	41057497	4105825
551 NA12155	[2515685 chr17	17	41568884	42137412	568529	638	0.295253	0.005475	41568208	41569561	42135210	4214194!
552 NA12155	[2515685 chr17	17	42970703	43026670	55968	86	-0.464037	0.016386	42970185	42971221	43025568	4302777:
553 NA12155	[2515685 chr17	17	54718891	54720406	1516	2	-1.004502	0.127483	54718493	54719289	54719841	5472097
554 NA12155	[2515685 chr17	17	55434888	55452955	18068	34	-0.271421	0.023891	55434445	55435332	55452577	5545333-
555 NA12155	[2515685 chr17	17	55540472	55553809	13338	9	0.284004	0.046433	55531236	55542674	55553161	5555445!
556 NA12155	[2515685 chr17	17	60343567	60353962	10396	8	0.566698	0.055118	60341867	60345268	60353423	6035450
557 NA12155	[2515685 chr18	18	12386896	12388854	1959	2	0.483143	0.089909	12386442	12387350	12388203	1238950!
558 NA12155	[2515685 chr18	18	14172514	14177894	5381	9	0.260677	0.047569	14172152	14172877	14177639	1417814!
559 NA12155	[2515685 chr18	18	14246928	14322605	75678	22	0.433241	0.03068	14244529	14249327	14320558	1432465:
560 NA12155	[2515685 chr18	18	14547645	14572648	25004	25	-0.25652	0.029183	14547186	14548104	14572112	1457318-
561 NA12155	[2515685 chr18	18	14726980	14733704	6725	9	-0.460225	0.049934	14726667	14727294	14733077	1473433:
562 NA12155	[2515685 chr18	18	28142218	28143399	1182	2	0.802107	0.129129	28141854	28142583	28143055	2814374-
563 NA12155	[2515685 chr18	18	36514289	36521090	6802	6	-0.931813	0.06857	36513759	36514820	36520512	3652166!
564 NA12155	[2515685 chr18	18	42797012	42815381	18370	21	-0.286559	0.029698	42796537	42797488	42810800	4288915-
565 NA12155	[2515685 chr18	18	61874791	61883105	8315	9	-0.902556	0.054183	61874483	61875100	61882738	6188347:
566 NA12155	[2515685 chr18	18	61917747	61920171	2425	4	4.34913	0.178975	61917522	61917973	61919646	6192069
567 NA12155	[2515685 chr18	18	63110008	63115099	5092	7	-1.055205	0.069035	63109644	63110373	63114764	6311543-



568 NA12155	[2515685 chr18	18	74230393	74234275	3883	31	-0.852362	0.022901	74229835	74230952	74234139	7423441;
569 NA12155	[2515685 chr18	18	74392800	74398225	5426	4	0.635941	0.085698	74390826	74394774	74397790	74398660
570 NA12155	[2515685 chr19	19	8823	75793	66971	65	0.278845	0.017795	6292	11354	73262	79306
571 NA12155	[2515685 chr19	19	255224	264649	9426	14	0.27682	0.040371	254742	255707	264302	264997
572 NA12155	[2515685 chr19	19	310414	312953	2540	14	-0.759532	0.039173	309687	311142	312913	312994
573 NA12155	[2515685 chr19	19	1200296	1202522	2227	3	0.667867	0.093672	1199725	1200868	1202197	120284;
574 NA12155	[2515685 chr19	19	8708780	8760468	51689	89	0.34692	0.013721	8708296	8709264	8760209	876072;
575 NA12155	[2515685 chr19	19	23007900	23014812	6913	7	0.646746	0.067007	22990964	23010431	23014157	2301546;
576 NA12155	[2515685 chr19	19	24147959	24148730	772	3	-0.985634	0.094425	24147835	24148083	24148193	2414926;
577 NA12155	[2515685 chr19	19	24152399	24155800	3402	23	0.259313	0.030626	24152364	24152435	24155376	2415622-
578 NA12155	[2515685 chr19	19	39419234	39422498	3265	5	0.548276	0.070712	39418853	39419616	39421681	3942331;
579 NA12155	[2515685 chr19	19	42534741	42540351	5611	2	-0.599384	0.11445	42530910	42537272	42537820	4254471;
580 NA12155	[2515685 chr19	19	43952681	43954136	1456	2	0.531183	0.096531	43952054	43953308	43953980	4395429;
581 NA12155	[2515685 chr19	19	43973541	43974792	1252	2	0.531183	0.096531	43973385	43973697	43974369	4397521;
582 NA12155	[2515685 chr19	19	43974792	43977294	2503	2	-0.581611	0.105352	43974369	43975216	43975620	4397896;
583 NA12155	[2515685 chr19	19	48288044	48290664	2621	3	-0.762334	0.115887	48287641	48288447	48289625	4829170;
584 NA12155	[2515685 chr19	19	48475640	48477630	1991	3	-0.779501	0.118543	48475574	48475707	48476571	4847868;
585 NA12155	[2515685 chr19	19	48492530	48503542	11013	15	-0.634131	0.040587	48490564	48494496	48503314	4850377-
586 NA12155	[2515685 chr19	19	48524218	48527383	3166	2	-0.666234	0.102161	48512660	48526749	48527113	4852765-
587 NA12155	[2515685 chr19	19	48530735	48535646	4912	5	-0.8605	0.078195	48529507	48531963	48535486	4853580-
588 NA12155	[2515685 chr19	19	53098479	53154327	55849	104	-0.396831	0.012719	53098017	53098941	53152350	5315630-
589 NA12155	[2515685 chr19	19	54879294	54886444	7151	11	0.298902	0.045529	54878825	54879763	54886190	5488669-
590 NA12155	[2515685 chr19	19	55285877	55336157	50281	104	-0.3984	0.012615	55285730	55286025	55335244	5533707-
591 NA12155	[2515685 chr19	19	56826070	56836311	10242	8	-0.865356	0.057606	56825810	56826331	56834905	5683771-
592 NA12155	[2515685 chr19	19	56839030	56840752	1723	3	-0.742928	0.096484	56838811	56839249	56840372	5684113-
593 NA12155	[2515685 chr19	19	58169057	58171564	2508	2	0.594086	0.097075	58168791	58169324	58171021	5817210-
594 NA12155	[2515685 chr19	19	58211794	58244458	32665	25	-0.794226	0.032142	58211007	58212582	58243893	5824502-
595 NA12155	[2515685 chr19	19	59247755	59252981	5227	6	0.936609	0.067734	59246427	59249084	59252269	5925369-
596 NA12155	[2515685 chr19	19	59492384	59498950	6567	7	0.449819	0.055952	59491977	59492791	59497077	5950082-
597 NA12155	[2515685 chr19	19	60166764	60170745	3982	2	0.58834	0.088525	60165407	60168121	60169211	6017227-
598 NA12155	[2515685 chr19	19	60958920	60976029	17110	15	-0.461543	0.038142	60957933	60959907	60975748	6097631-
599 NA12155	[2515685 chr20	20	1511097	1532477	21381	26	-2.418384	0.053226	1510534	1511660	1532182	153277-
600 NA12155	[2515685 chr20	20	1534463	1535141	679	2	-0.749164	0.112157	1534231	1534696	1534879	153540-
601 NA12155	[2515685 chr20	20	35736931	35738843	1913	2	1.368108	0.131024	35736234	35737629	35738606	3573908-
602 NA12155	[2515685 chr20	20	44695347	44696738	1392	2	0.61504	0.103861	44695122	44695572	44696249	4469722-
603 NA12155	[2515685 chr20	20	59950373	59957050	6678	19	0.335374	0.031633	59950066	59950681	59956538	5995756-
604 NA12155	[2515685 chr20	20	61708834	61711805	2972	22	-0.402181	0.030688	61708573	61709096	61711616	6171199-
605 NA12155	[2515685 chr20	20	62066380	62068214	1835	8	1.982963	0.063635	62066146	62066615	62067671	6206875-
606 NA12155	[2515685 chr20	20	62233505	62235897	2393	4	0.57531	0.062596	62232847	62234163	62235101	6223669-
607 NA12155	[2515685 chr20	20	62371216	62373725	2510	3	0.610018	0.084425	62370954	62371479	62373315	6237413-
608 NA12155	[2515685 chr21	21	10123436	10129765	6330	3	-0.494818	0.088433	10119943	10126929	10128450	1013108-
609 NA12155	[2515685 chr21	21	13961915	13968799	6885	6	-0.389143	0.057972	13961738	13962093	13967342	1397025-
610 NA12155	[2515685 chr21	21	13976132	13977791	1660	5	-0.420123	0.066416	13975943	13976322	13977550	1397803-
611 NA12155	[2515685 chr21	21	14150623	14197493	46871	16	0.422315	0.035384	14145265	14155981	14194870	1420011-
612 NA12155	[2515685 chr21	21	39873854	39875347	1494	2	0.486023	0.096218	39873097	39874611	39875064	3987563-
613 NA12155	[2515685 chr22	22	14474806	14747237	272432	514	-0.461542	0.005533	14474622	14474991	14746998	1474747-
614 NA12155	[2515685 chr22	22	14749024	14832930	83907	146	-0.461542	0.005533	14748545	14749504	14831369	1483449-
615 NA12155	[2515685 chr22	22	17138810	17227543	88734	141	0.32283	0.011927	17137228	17140393	17227202	1722788-
616 NA12155	[2515685 chr22	22	18744519	18781478	36960	37	-0.321698	0.012911	18742262	18746777	18781106	1878185-
617 NA12155	[2515685 chr22	22	18783375	18796475	13101	20	-0.321698	0.012911	18783049	18783701	18796170	1879678-
618 NA12155	[2515685 chr22	22	18800091	18816071	15981	18	-0.321698	0.012911	18800036	18800147	18815395	1881674-
619 NA12155	[2515685 chr22	22	18821034	18850813	29780	33	-0.321698	0.012911	18820518	18821550	18850533	1885109-
620 NA12155	[2515685 chr22	22	19380073	19571209	191137	14	-0.382686	0.039735	19377752	19382395	19568526	1966688-
621 NA12155	[2515685 chr22	22	19789638	19829874	40237	80	0.270927	0.015789	19788642	19790634	19829808	1982994-
622 NA12155	[2515685 chr22	22	19889869	19980262	90394	134	0.32803	0.01215	19888321	19891418	19979921	1998060-

623 NA12155	[2515685 chr22	22	20047736	20063725	15990	21	-0.281629 0.008718	20047456	20048017	20063575	2006387!
624 NA12155	[2515685 chr22	22	20067469	20098506	31038	46	-0.281629 0.008718	20067261	20067678	20098451	2009856;
625 NA12155	[2515685 chr22	22	20102124	20121795	19672	38	-0.281629 0.008718	20101819	20102429	20121548	2012204;
626 NA12155	[2515685 chr22	22	20136321	20209861	73541	106	-0.281629 0.008718	20136081	20136561	20209409	2021031;
627 NA12155	[2515685 chr22	22	20212179	20225049	12871	19	-0.281629 0.008718	20211948	20212411	20224841	2022525!
628 NA12155	[2515685 chr22	22	20228794	20243644	14851	12	-0.281629 0.008718	20228644	20228944	20240961	2030228;
629 NA12155	[2515685 chr22	22	22604850	22611178	6329	9	0.28632 0.045658	22603026	22606675	22609725	2261263'
630 NA12155	[2515685 chr22	22	22611178	22657783	46606	86	-0.260911 0.016313	22609725	22612631	22657533	2265803-
631 NA12155	[2515685 chr22	22	22666516	22668682	2167	5	0.394667 0.063578	22666496	22666536	22668305	2266906!
632 NA12155	[2515685 chr22	22	22668682	22683930	15249	15	1.160891 0.026128	22668305	22669060	22681309	2268655;
633 NA12155	[2515685 chr22	22	22690382	22720154	29773	33	1.160891 0.026128	22690146	22690619	22719882	2272042!
634 NA12155	[2515685 chr22	22	22720446	22729265	8820	12	0.488986 0.042203	22720426	22720466	22728912	2272961!
635 NA12155	[2515685 chr22	22	22977797	22986040	8244	16	0.308197 0.034218	22977114	22978480	22985733	2298634'
636 NA12155	[2515685 chr22	22	23246080	23375407	129328	35	0.275431 0.023604	23186178	23248763	23375164	2337565!
637 NA12155	[2515685 chr22	22	33619409	33623490	4082	5	0.836965 0.070368	33618939	33619879	33622642	3362433!
638 NA12155	[2515685 chr22	22	37617530	37624014	6485	8	-3.13392 0.105833	37616333	37618728	37621331	3762705!
639 NA12155	[2515685 chr22	22	43418479	43419675	1197	2	0.638738 0.100914	43418051	43418907	43419378	4341997;
640 NA12155	[2515685 chrX	23	2410848	2414786	3939	5	0.470923 0.071111	2410165	2411532	2413919	241565-
641 NA12155	[2515685 chrX	23	9180946	9192056	11111	15	0.258453 0.037565	9180514	9181379	9191527	919258!
642 NA12155	[2515685 chrX	23	56677475	56690665	13191	31	0.527665 0.022811	56677130	56677820	56690311	5669101!
643 NA12155	[2515685 chrX	23	56701963	56703209	1247	2	0.64998 0.121916	56701752	56702175	56702945	5670347;
644 NA12155	[2515685 chrX	23	103133933	103143075	9143	2	0.535099 0.102682	103130384	103137482	103142681	10314347!
645 NA12155	[2515685 chrX	23	114790569	114791196	628	2	-0.896173 0.105511	114790348	114790791	114791030	11479136
646 NA12155	[2515685 chrX	23	118992676	118993416	741	3	0.439551 0.083131	118992641	118992711	118993261	11899357!
647 NA12155	[2515685 chrX	23	119074519	119075260	742	3	0.439551 0.083131	119074364	119074675	119075225	11907529
648 NA12155	[2515685 chrX	23	119791965	119844836	52872	77	-0.28343 0.014466	119791661	119792270	119844499	11984517
649 NA12155	[2515685 chrX	23	134473244	134478007	4764	3	0.516701 0.092531	134472803	134473686	134474706	13448130
650 NA12155	[2515685 chrX	23	134569408	134621112	51705	102	-0.377956 0.009143	134569294	134569522	134617467	13462475
651 NA12155	[2515685 chrX	23	134650123	134695963	45841	99	-0.377956 0.009143	134646461	134653786	134695790	13469613
652 NA12155	[2515685 chrX	23	134751334	134760647	9314	13	-0.256139 0.040146	134750876	134751792	134758905	13476239
653 NA12155	[2515685 chrX	23	140718840	140720134	1295	2	0.658885 0.104001	140718574	140719107	140719983	14072028
654 NA12155	[2515685 chrX	23	148771488	148779995	8508	18	0.273225 0.036606	148771244	148771732	148779887	14878010
655 NA12155	[2515685 chrX	23	153089347	153141187	51841	62	0.253237 0.018505	153088274	153090420	153140114	15314226
656 NA12155	[2515685 chrY	24	2410848	2414786	3939	5	0.470923 0.071111	2410165	2411532	2413919	241565-
657 NA12155	[2515685 chrY	24	9187692	9209777	22086	72	0.342465 0.017351	9187624	9187760	9209508	921004!
658 NA12155	[2515685 chrY	24	10459426	10460297	872	2	0.612193 0.105216	10459317	10459536	10459920	1046067!
659 NA12155	[2515685 chrY	24	21992543	22054211	61669	199	0.318682 0.005608	21992253	21992833	22054143	2205427!
660 NA12155	[2515685 chrY	24	22359472	22410544	51073	160	0.318682 0.005608	22359404	22359540	22410530	2241055!
661 NA12155	[2515685 chrY	24	22650628	22671548	20921	70	0.425335 0.015644	22649721	22651535	22671238	2267185!
662 NA12155	[2515685 chrY	24	22797436	22798350	915	3	0.544974 0.075898	22797160	22797713	22797960	2279874'
663 NA12155	[2515685 chrY	24	22883410	22905218	21809	69	0.420375 0.015758	22883100	22883721	22905194	2290524;
664 NA12155	[2515685 chrY	24	23621945	23649003	27059	54	-0.327313 0.008303	23621699	23622192	23648757	2364924!
665 NA12155	[2515685 chrY	24	23716390	23767305	50916	119	-0.327313 0.008303	23716144	23716636	23767059	2376755;
666 NA12155	[2515685 chrY	24	25255668	25285076	29409	57	-0.340137 0.009393	25255422	25255915	25284830	2528532;
667 NA12155	[2515685 chrY	24	25341625	25382981	41357	88	-0.340137 0.009393	25341379	25341871	25382735	2538322!
1 NA11830	[2515685 chr1	1	445269	624922	179654	134	-0.271864 0.01274	444422	446116	624079	625766
2 NA11830	[2515685 chr1	1	1853012	1854645	1634	2	0.455596 0.091068	1852616	1853409	1853816	185547-
3 NA11830	[2515685 chr1	1	12843376	12849129	5754	8	0.56166 0.051423	12843104	12843649	12848769	1284949!
4 NA11830	[2515685 chr1	1	12884329	12886858	2530	4	0.508279 0.057073	12884224	12884434	12886536	1288718!
5 NA11830	[2515685 chr1	1	12893626	12931133	37508	83	0.26028 0.014371	12893265	12893988	12930962	1293130-
6 NA11830	[2515685 chr1	1	13114053	13162706	48654	105	0.251414 0.012253	13113809	13114298	13162366	1316304'
7 NA11830	[2515685 chr1	1	13300967	13373969	73003	41	0.27181 0.01841	13300595	13301339	13373608	1337433'
8 NA11830	[2515685 chr1	1	13380737	13383503	2767	4	0.540922 0.052575	13380415	13381060	13383163	1338384-
9 NA11830	[2515685 chr1	1	16754301	16798847	44547	53	-0.269699 0.019213	16754089	16754514	16798504	1679919
10 NA11830	[2515685 chr1	1	16951179	16960152	8974	8	-0.356777 0.019692	16950818	16951540	16959445	1696085!

11 NA11830	[2515685 chr1	1	16975906	17007421	31516	34	-0.356777	0.019692	16975406	16976406	17006449	1700839:
12 NA11830	[2515685 chr1	1	72467674	72476358	8685	5	-0.92993	0.07225	72467220	72468129	72475692	7247702:
13 NA11830	[2515685 chr1	1	76956200	77005045	48846	46	-0.866864	0.022545	76955852	76956548	77004773	7700531:
14 NA11830	[2515685 chr1	1	89188117	89190762	2646	5	1.498234	0.092019	89187764	89188470	89190458	8919106:
15 NA11830	[2515685 chr1	1	103827497	103834166	6670	16	0.597465	0.004111	103827175	103827820	103833999	10383433:
16 NA11830	[2515685 chr1	1	103852783	104015739	162957	263	0.785222	0.008015	103852543	103853023	104013178	10401830:
17 NA11830	[2515685 chr1	1	104027802	104029695	1894	2	0.717254	0.106464	104027515	104028090	104028575	10403081:
18 NA11830	[2515685 chr1	1	105728161	105735462	7302	8	-1.024041	0.062116	105727820	105728503	105734532	10573639:
19 NA11830	[2515685 chr1	1	108484830	108485270	441	2	-0.429705	0.085808	108484660	108485001	108485002	10848553:
20 NA11830	[2515685 chr1	1	108514938	108564480	49543	54	0.356059	0.02014	108514864	108515012	108564416	10856454:
21 NA11830	[2515685 chr1	1	108637709	108688767	51059	60	0.357708	0.019029	108637480	108637939	108688693	10868884:
22 NA11830	[2515685 chr1	1	108718399	108718839	441	2	-0.429705	0.085808	108718131	108718668	108718669	10871901:
23 NA11830	[2515685 chr1	1	112405902	112416691	10790	10	0.751264	0.050717	112405415	112406389	112416423	11241696:
24 NA11830	[2515685 chr1	1	120244720	120342422	97703	151	0.273565	0.01136	120243262	120246178	120342303	12034254:
25 NA11830	[2515685 chr1	1	141867113	141868928	1816	4	0.335424	0.054524	141866939	141867287	141868709	14186914:
26 NA11830	[2515685 chr1	1	141965057	141981860	16804	48	0.343607	0.016607	141964948	141965167	141978581	14203010:
27 NA11830	[2515685 chr1	1	142046823	142049286	2464	7	0.297152	0.045946	142046745	142046901	142048944	14204962:
28 NA11830	[2515685 chr1	1	142092168	142099412	7245	15	0.290214	0.031992	142091944	142092393	142098977	14209984:
29 NA11830	[2515685 chr1	1	142438646	142569435	130790	155	0.349872	0.011487	142438189	142439104	142568775	14257009:
30 NA11830	[2515685 chr1	1	142678703	142781873	103171	168	0.258939	0.011098	142678583	142678823	142781489	14278225:
31 NA11830	[2515685 chr1	1	145091514	145109730	18217	58	0.34233	0.015569	145089695	145093333	145109552	14510990:
32 NA11830	[2515685 chr1	1	145383992	145402904	18913	42	0.294275	0.017926	145383814	145384171	145401111	14540469:
33 NA11830	[2515685 chr1	1	145546022	145564933	18912	41	0.301379	0.01819	145545844	145546201	145563140	14556672:
34 NA11830	[2515685 chr1	1	145819541	145839481	19941	22	0.444907	0.032188	145819262	145819821	145839093	14583986:
35 NA11830	[2515685 chr1	1	145927065	145951531	24467	30	0.492534	0.026454	145926783	145927347	145951467	14595159:
36 NA11830	[2515685 chr1	1	146326656	146344860	18205	56	0.335597	0.016133	146326478	146326834	146343057	14634666:
37 NA11830	[2515685 chr1	1	146808546	146809451	906	2	-0.569078	0.100916	146808090	146809003	146809142	14680976:
38 NA11830	[2515685 chr1	1	148998878	149005918	7041	13	0.765038	0.030942	148998401	148999355	149004680	14900715:
39 NA11830	[2515685 chr1	1	149573040	149583431	10392	6	0.871577	0.068869	149572621	149573460	149582912	14958395:
40 NA11830	[2515685 chr1	1	158326052	158370891	44840	53	-0.257407	0.019295	158325732	158326372	158370271	15837151:
41 NA11830	[2515685 chr1	1	159083853	159085602	1750	2	0.579185	0.106625	159083104	159084603	159085334	15908587:
42 NA11830	[2515685 chr1	1	186522369	186536971	14603	10	-0.325258	0.048086	186522110	186522629	186536768	18653717:
43 NA11830	[2515685 chr1	1	193448820	193554182	105363	88	0.431318	0.015737	193448631	193449010	193553474	19355489:
44 NA11830	[2515685 chr1	1	203245415	203247868	2454	2	0.911664	0.113745	203245018	203245812	203245778	20324815:
45 NA11830	[2515685 chr1	1	204086494	204139817	53324	72	0.413702	0.013744	204085868	204087121	204139535	20414009:
46 NA11830	[2515685 chr1	1	204260266	204262118	1853	3	0.466344	0.08307	204259910	204260623	204261890	20426234:
47 NA11830	[2515685 chr1	1	214590557	214595063	4507	10	-0.285376	0.050293	214590276	214590839	214594885	21459524:
48 NA11830	[2515685 chr1	1	218762650	218771442	8793	8	0.464057	0.054023	218762212	218763089	218771135	21877175:
49 NA11830	[2515685 chr1	1	220570241	220571400	1160	2	0.823492	0.105149	220569940	220570543	220571101	22057170:
50 NA11830	[2515685 chr1	1	228018199	228121107	102909	96	0.48581	0.015087	228016694	228019705	228120568	22812164:
51 NA11830	[2515685 chr1	1	239368545	239498531	129987	15	-0.40308	0.03763	239368239	239368851	239496181	23950088:
52 NA11830	[2515685 chr1	1	243009520	243011368	1849	3	-0.573642	0.086864	243008430	243010610	243011204	24301153:
53 NA11830	[2515685 chr2	2	296456	298925	2470	8	-0.76572	0.05439	296213	296699	298661	299185:
54 NA11830	[2515685 chr2	2	13466843	13511508	44666	49	-0.287236	0.016837	13466538	13467148	13510995	1351202:
55 NA11830	[2515685 chr2	2	13531646	13548027	16382	16	-0.287236	0.016837	13530427	13532866	13547735	1354831:
56 NA11830	[2515685 chr2	2	44378695	44380701	2007	3	-2.783714	0.125	44378636	44378754	44379703	4438169:
57 NA11830	[2515685 chr2	2	52661573	52696869	35297	26	-0.992277	0.031576	52661218	52661928	52696416	5269732:
58 NA11830	[2515685 chr2	2	56563619	56567381	3763	2	3.094985	0.207408	56556559	56566577	56567035	5656772:
59 NA11830	[2515685 chr2	2	73945377	73946969	1593	3	0.368348	0.062878	73945149	73945606	73946724	7394721:
60 NA11830	[2515685 chr2	2	75296507	75298934	2428	2	0.907998	0.10615	75296056	75296959	75298532	7529933:
61 NA11830	[2515685 chr2	2	77887291	77900058	12768	6	-0.374552	0.064342	77886951	77887631	77899882	7790023:
62 NA11830	[2515685 chr2	2	87752025	87753739	1715	2	-0.491602	0.097725	87751415	87752636	87752678	8775480:
63 NA11830	[2515685 chr2	2	87963983	88098957	134975	14	0.253388	0.040363	87963455	87964512	88097049	8810086:
64 NA11830	[2515685 chr2	2	91489763	91550389	60627	62	-0.279984	0.017509	91489674	91489852	91550292	9155048:
65 NA11830	[2515685 chr2	2	94985753	94998325	12573	8	-0.259702	0.051508	94984352	94987154	94996579	9500007:

66 NA11830	[2515685 chr2	2	97184386	97189740	5355	2	-0.742287	0.106064	97182781	97185992	97186782	9719672:
67 NA11830	[2515685 chr2	2	97613796	97614932	1137	2	1.13018	0.1237	97613553	97614040	97614467	9761539:
68 NA11830	[2515685 chr2	2	105846957	105849953	2997	4	-0.708984	0.080654	105846601	105847313	105849426	10585048
69 NA11830	[2515685 chr2	2	108313968	108314875	908	2	0.645535	0.106775	108313664	108314272	108314680	10831507
70 NA11830	[2515685 chr2	2	111809680	111811642	1963	2	-0.491602	0.097725	111808620	111810741	111810783	11181250
71 NA11830	[2515685 chr2	2	123193457	123198547	5091	4	-0.816045	0.075288	123193121	123193793	123198337	12319875
72 NA11830	[2515685 chr2	2	126159437	126168349	8913	3	-0.846401	0.085469	126158494	126160381	126168048	12616865
73 NA11830	[2515685 chr2	2	129354604	129360182	5579	4	-1.232668	0.089893	129354317	129354892	129357659	12936270
74 NA11830	[2515685 chr2	2	130420955	130444724	23770	20	-0.274798	0.031615	130420630	130421281	130442767	13044668
75 NA11830	[2515685 chr2	2	131765076	131784546	19471	30	-0.281554	0.025901	131749458	131768034	131783971	13178512
76 NA11830	[2515685 chr2	2	132846945	132868265	21321	12	0.472355	0.041278	132846760	132847131	132867906	13286862
77 NA11830	[2515685 chr2	2	146694140	146710744	16605	17	0.794889	0.039743	146688620	146697098	146710557	14671093
78 NA11830	[2515685 chr2	2	153495545	153499409	3865	2	0.604186	0.115866	153484545	153498503	153498846	15349997
79 NA11830	[2515685 chr2	2	153622711	153625256	2546	3	0.995521	0.093705	153621175	153624247	153625088	15362542
80 NA11830	[2515685 chr2	2	208176479	208184457	7979	7	0.895655	0.061037	208176093	208176865	208183930	20818498
81 NA11830	[2515685 chr2	2	213009234	213017482	8249	9	-0.935054	0.049757	213008915	213009554	213016799	21301816
82 NA11830	[2515685 chr2	2	228733891	228740566	6676	4	-0.814646	0.073983	228733471	228734311	228739612	22874152
83 NA11830	[2515685 chr2	2	232512469	232537143	24675	6	-0.453287	0.041578	232511142	232513796	232534243	23254004
84 NA11830	[2515685 chr2	2	242661256	242662332	1077	7	0.437058	0.053849	242661125	242661388	242662217	24266244
85 NA11830	[2515685 chr2	2	242664580	242668683	4104	10	1.392033	0.041239	242664284	242664877	242668532	24266883
86 NA11830	[2515685 chr3	3	204650	209394	4745	4	0.802289	0.072913	202918	206383	209009	209775
87 NA11830	[2515685 chr3	3	1282960	1284261	1302	2	-0.596532	0.101709	1282730	1283190	1283881	1284647
88 NA11830	[2515685 chr3	3	1757211	1765710	8500	2	0.917425	0.118861	1756096	1758327	1762058	1797300
89 NA11830	[2515685 chr3	3	24636987	24641068	4082	3	0.43766	0.086511	24636745	24637229	24640837	24641300
90 NA11830	[2515685 chr3	3	68821474	68830847	9374	17	-2.526509	0.061314	68818894	68824055	68830417	68831277
91 NA11830	[2515685 chr3	3	75841822	75879757	37936	21	0.28615	0.030078	75836910	75845474	75876105	75891771
92 NA11830	[2515685 chr3	3	76066312	76081451	15140	19	-0.32576	0.033394	76065787	76066838	76081180	7608172:
93 NA11830	[2515685 chr3	3	106127289	106128660	1372	2	-1.001945	0.098796	106126821	106127758	106128182	10612913
94 NA11830	[2515685 chr3	3	133191392	133196576	5185	5	-0.840245	0.065949	133190820	133191965	133195824	13319732
95 NA11830	[2515685 chr3	3	163994592	164008330	13739	18	3.063049	0.031512	163993392	163995793	164008010	16400865
96 NA11830	[2515685 chr3	3	164031307	164106273	74967	71	3.063049	0.031512	164027655	164036948	164106029	16410651
97 NA11830	[2515685 chr3	3	164106273	164108502	2230	2	1.085305	0.121892	164106029	164106517	164108018	16410898
98 NA11830	[2515685 chr3	3	164200660	164205886	5227	5	-0.984548	0.08207	164200187	164201133	164204674	16420709
99 NA11830	[2515685 chr3	3	166520583	166565852	45270	50	-0.911538	0.022673	166514232	166524235	166565425	16656628
100 NA11830	[2515685 chr3	3	191219813	191223326	3514	4	0.82711	0.076293	191219291	191220336	191222918	19122373
101 NA11830	[2515685 chr3	3	192547312	192554331	7020	10	0.880199	0.051471	192546950	192547674	192554127	19255453
102 NA11830	[2515685 chr3	3	196943342	196965802	22461	19	-0.62517	0.034735	196943147	196943538	196965494	19696611
103 NA11830	[2515685 chr3	3	196994475	197002965	8491	10	0.66692	0.045883	196994054	196994896	197002044	19700388
104 NA11830	[2515685 chr3	3	198043467	198046340	2874	4	-0.407264	0.068613	198043278	198043657	198045914	19804676
105 NA11830	[2515685 chr3	3	198421889	198427408	5520	3	0.780156	0.089594	198421397	198422381	198423959	19843085
106 NA11830	[2515685 chr3	3	198674426	198675470	1045	6	-0.398875	0.053297	198674161	198674692	198674903	19867603
107 NA11830	[2515685 chr4	4	18132	54206	36075	39	-0.250589	0.023332	17767	18497	53809	54603
108 NA11830	[2515685 chr4	4	54206	57579	3374	3	-1.442163	0.099429	53809	54603	56974	58184
109 NA11830	[2515685 chr4	4	8739800	8756949	17150	26	0.534435	0.020689	8739551	8740049	8756813	8757080
110 NA11830	[2515685 chr4	4	8998171	9046719	48549	87	0.927716	0.011049	8850774	9001243	9046129	9047300
111 NA11830	[2515685 chr4	4	9812346	9813108	763	33	0.557439	0.020071	9812284	9812408	9812952	9813260
112 NA11830	[2515685 chr4	4	34602797	34650994	48198	45	0.772472	0.023664	34601994	34603600	34649535	3465245
113 NA11830	[2515685 chr4	4	64522941	64543857	20917	20	-0.883014	0.036956	64522682	64523201	64542552	6454516:
114 NA11830	[2515685 chr4	4	69202095	69320563	118469	74	1.095944	0.022422	69201955	69202236	69320240	6932088:
115 NA11830	[2515685 chr4	4	69320563	69368484	47922	43	0.283421	0.017511	69320240	69320887	69365412	6938219
116 NA11830	[2515685 chr4	4	69672033	69720494	48462	53	0.285198	0.016563	69671975	69672092	69717422	6973421:
117 NA11830	[2515685 chr4	4	70306339	70416062	109724	104	0.377932	0.014545	70306109	70306570	70415760	7041636:
118 NA11830	[2515685 chr4	4	87333407	87337560	4154	4	-0.993746	0.081074	87333057	87333758	87337055	8733806:
119 NA11830	[2515685 chr4	4	116723429	116725189	1761	3	-0.405521	0.080075	116723265	116723593	116725020	11672535
120 NA11830	[2515685 chr4	4	124835704	124837199	1496	3	-0.548386	0.079785	124835418	124835991	124836924	12483747

121 NA11830	[2515685 chr4	4	133536186	133540723	4538	3	-3.116655	0.182951	133531398	133539258	133540462	13354098
122 NA11830	[2515685 chr4	4	138537751	138549906	12156	14	0.901611	0.045374	138537443	138538059	138547414	13855239
123 NA11830	[2515685 chr4	4	142588136	142590500	2365	4	-0.824252	0.079875	142587774	142588498	142590303	14259069
124 NA11830	[2515685 chr4	4	153147415	153151949	4535	5	-0.76786	0.069851	153146836	153147995	153151358	15315254
125 NA11830	[2515685 chr4	4	162237272	162242562	5291	8	0.870378	0.054535	162236487	162238058	162242381	16224274
126 NA11830	[2515685 chr4	4	162312826	162317210	4385	3	0.629477	0.096335	162312706	162312947	162314138	16232117
127 NA11830	[2515685 chr4	4	162806038	162809269	3232	3	0.721726	0.082628	162804872	162807204	162808734	16280980
128 NA11830	[2515685 chr4	4	169183401	169368370	184970	163	0.78269	0.012103	169182712	169184090	169366713	16937002
129 NA11830	[2515685 chr4	4	172750241	172755216	4976	2	-3.606641	0.285669	172748887	172751596	172753256	17275717
130 NA11830	[2515685 chr4	4	173363594	173367718	4125	6	-0.92973	0.06339	173362583	173364606	173367283	17336815
131 NA11830	[2515685 chr4	4	185535274	185545272	9999	9	0.992598	0.052971	185534955	185535593	185543276	18554726
132 NA11830	[2515685 chr4	4	187728494	187732907	4414	15	2.128879	0.054698	187728193	187728795	187732541	18773327
133 NA11830	[2515685 chr4	4	187742059	187743902	1844	3	-0.499149	0.088258	187741734	187742385	187743519	18774428
134 NA11830	[2515685 chr4	4	188255523	188269680	14158	235	0.770934	0.009171	188255215	188255831	188269403	18826995
135 NA11830	[2515685 chr4	4	189799455	189807562	8108	11	-0.406723	0.043241	189799180	189799730	189807064	18980806
136 NA11830	[2515685 chr4	4	190846744	191059687	212944	216	0.291425	0.009671	190846486	190847002	191059242	19106013
137 NA11830	[2515685 chr4	4	191142404	191143596	1193	3	-0.712532	0.08701	191142135	191142673	191143215	19114397
138 NA11830	[2515685 chr5	5	261631	267007	5377	22	-0.315117	0.03157	261032	262230	266353	267662
139 NA11830	[2515685 chr5	5	520743	521684	942	5	0.604174	0.076296	520428	521059	521427	521942
140 NA11830	[2515685 chr5	5	1075284	1080515	5232	25	0.301836	0.025324	1074709	1075859	1080275	108075!
141 NA11830	[2515685 chr5	5	1223248	1223930	683	5	0.389615	0.051277	1223057	1223439	1223854	122400!
142 NA11830	[2515685 chr5	5	1231558	1233247	1690	2	-0.88199	0.099205	1231167	1231949	1232879	123361!
143 NA11830	[2515685 chr5	5	12863961	12873512	9552	14	-0.933256	0.045531	12863778	12864144	12873198	1287382!
144 NA11830	[2515685 chr5	5	19410747	19412172	1426	3	-3.322771	0.163214	19410189	19411305	19411980	1941236!
145 NA11830	[2515685 chr5	5	21309612	21426153	116542	178	0.269164	0.009341	21309357	21309867	21425562	2142674!
146 NA11830	[2515685 chr5	5	22161042	22167602	6561	8	0.294509	0.053878	22160580	22161504	22167345	2216786!
147 NA11830	[2515685 chr5	5	26831997	26835654	3658	3	-3.197848	0.160249	26829858	26834136	26835377	2683593!
148 NA11830	[2515685 chr5	5	26836459	26837938	1480	2	-2.542471	0.26977	26835932	26836987	26837469	2683840!
149 NA11830	[2515685 chr5	5	61549533	61586964	37432	35	-0.259282	0.023401	61549182	61549884	61586109	6158781!
150 NA11830	[2515685 chr5	5	68865200	68886836	21637	45	0.443021	0.022626	68864770	68865630	68886492	6888718!
151 NA11830	[2515685 chr5	5	69045001	69184396	139396	323	0.343882	0.006138	69044855	69045147	69184180	6918461!
152 NA11830	[2515685 chr5	5	69358940	69404835	45896	45	0.33059	0.016952	69358540	69359340	69404157	6940551!
153 NA11830	[2515685 chr5	5	69404835	69411352	6518	6	0.845399	0.04743	69404157	69405513	69410702	6941200!
154 NA11830	[2515685 chr5	5	69624725	69744382	119658	273	0.339425	0.006691	69624579	69624871	69744181	6974458!
155 NA11830	[2515685 chr5	5	69796469	69813557	17089	35	0.324919	0.018985	69796435	69796504	69813431	6981368!
156 NA11830	[2515685 chr5	5	69909302	70059544	150243	315	0.334454	0.006169	69909086	69909519	70059328	7005976!
157 NA11830	[2515685 chr5	5	70234358	70280260	45903	45	0.337262	0.016982	70233958	70234758	70279582	7028093!
158 NA11830	[2515685 chr5	5	70280260	70286789	6530	6	0.823205	0.047188	70279582	70280938	70286122	7028745!
159 NA11830	[2515685 chr5	5	70403953	70426554	22602	43	0.461249	0.023012	70403337	70404569	70425419	7042768!
160 NA11830	[2515685 chr5	5	70613268	70695524	82257	178	0.331682	0.008414	70613054	70613483	70695390	7069565!
161 NA11830	[2515685 chr5	5	81459207	81466061	6855	2	-1.465003	0.124848	81455614	81462405	81462863	8147028!
162 NA11830	[2515685 chr5	5	97073481	97121673	48193	65	-0.897557	0.019677	97073276	97073686	97121066	9712228!
163 NA11830	[2515685 chr5	5	98692416	98694362	1947	3	0.472257	0.082762	98691745	98693087	98694014	9869471!
164 NA11830	[2515685 chr5	5	98867127	98870861	3735	2	-1.510037	0.155689	98864129	98870125	98870667	9887105!
165 NA11830	[2515685 chr5	5	99198142	99201119	2978	2	-0.895567	0.121815	99197485	99198799	99200900	9920133!
166 NA11830	[2515685 chr5	5	99408801	99419037	10237	14	-0.424122	0.039685	99408605	99408997	99418328	9941974!
167 NA11830	[2515685 chr5	5	106256102	106265509	9408	11	-1.015778	0.047559	106255267	106256937	106262311	10626892
168 NA11830	[2515685 chr5	5	122649189	122651412	2224	3	-0.448377	0.088104	122648933	122649446	122650032	12265279
169 NA11830	[2515685 chr5	5	137835178	137844134	8957	8	0.619285	0.05635	137834745	137835611	137843310	13784495!
170 NA11830	[2515685 chr5	5	140203081	140218928	15848	20	2.324187	0.055855	140202344	140203819	140218508	14021934
171 NA11830	[2515685 chr5	5	140534849	140540106	5258	5	0.770996	0.066365	140534700	140534999	140539007	14054120
172 NA11830	[2515685 chr5	5	151495251	151499062	3812	6	-0.805316	0.068612	151494886	151495617	151498563	15149956
173 NA11830	[2515685 chr5	5	155408303	155424017	15715	11	-0.930481	0.05109	155405622	155410984	155420819	1554276!
174 NA11830	[2515685 chr5	5	179661369	179664720	3352	4	0.41009	0.074378	179661195	179661544	179664447	17966499
175 NA11830	[2515685 chr5	5	180764561	180820558	55998	52	-0.265133	0.020656	180763713	180765409	180820332	18082078

176 NA11830	[2515685 chr6	6	235965	327656	91692	105	0.364496	0.014071	235368	236563	326993	328320
177 NA11830	[2515685 chr6	6	29954251	30015556	61306	53	0.550431	0.02121	29950833	29957670	30014305	30016801
178 NA11830	[2515685 chr6	6	30051460	30052527	1068	3	0.64211	0.085759	30051232	30051688	30052363	30052691
179 NA11830	[2515685 chr6	6	31158178	31160444	2267	3	0.562062	0.092532	31157997	31158360	31160125	31160761
180 NA11830	[2515685 chr6	6	31344330	31346265	1936	4	-0.836811	0.073994	31344063	31344598	31345931	31346591
181 NA11830	[2515685 chr6	6	31365231	31367326	2096	2	1.097294	0.105205	31364305	31366158	31366773	31367871
182 NA11830	[2515685 chr6	6	31378825	31380815	1991	2	-1.178091	0.125226	31377784	31379867	31380220	31381411
183 NA11830	[2515685 chr6	6	32058621	32121527	62907	76	0.272432	0.01388	32058317	32058925	32121053	32122001
184 NA11830	[2515685 chr6	6	32561866	32586862	24997	6	-0.587181	0.098313	32560230	32563503	32586127	32587591
185 NA11830	[2515685 chr6	6	32589957	32591649	1693	3	-0.745552	0.092055	32589338	32590576	32591403	32591891
186 NA11830	[2515685 chr6	6	32605125	32617049	11925	9	-0.397499	0.048239	32604923	32605328	32613543	32626571
187 NA11830	[2515685 chr6	6	32653862	32655482	1621	3	0.990252	0.12208	32653679	32654046	32654980	32655981
188 NA11830	[2515685 chr6	6	32666229	32667673	1445	3	0.48351	0.083	32665899	32666560	32667507	32667831
189 NA11830	[2515685 chr6	6	32702716	32705737	3022	3	-0.524332	0.071952	32702285	32703148	32704019	32707451
190 NA11830	[2515685 chr6	6	32740139	32741383	1245	2	0.703161	0.099976	32739828	32740450	32741135	32741631
191 NA11830	[2515685 chr6	6	32741849	32744343	2495	4	0.961588	0.084211	32741631	32742067	32744136	32744551
192 NA11830	[2515685 chr6	6	32775535	32777812	2278	3	0.505276	0.093829	32775260	32775810	32777125	32778491
193 NA11830	[2515685 chr6	6	35862833	35874426	11594	13	0.500451	0.040447	35862530	35863136	35873957	35874891
194 NA11830	[2515685 chr6	6	46811029	46812552	1524	2	-0.585149	0.111076	46810648	46811411	46812282	46812821
195 NA11830	[2515685 chr6	6	54036900	54042384	5485	5	3.858884	0.156757	54036573	54037227	54041771	54042991
196 NA11830	[2515685 chr6	6	77495034	77513517	18484	12	-1.852316	0.068726	77493568	77496500	77510011	77517691
197 NA11830	[2515685 chr6	6	103844685	103871201	26517	17	2.598088	0.07204	103844347	103845023	103868241	10387416
198 NA11830	[2515685 chr6	6	115492959	115494541	1583	2	0.791622	0.122134	115492678	115493240	115494140	11549494
199 NA11830	[2515685 chr6	6	120671191	120671916	726	2	1.383005	0.121129	120670696	120671686	120671725	12067210
200 NA11830	[2515685 chr6	6	160056728	160058998	2271	2	-0.977961	0.089791	160055808	160057648	160058322	16005967
201 NA11830	[2515685 chr6	6	161001907	161038394	36488	62	0.334514	0.013064	161001167	161002648	161038184	16103860
202 NA11830	[2515685 chr6	6	168690243	168696226	5984	3	-0.797781	0.09363	168688314	168692173	168695449	16869700
203 NA11830	[2515685 chr6	6	170603879	170604666	788	2	-1.433225	0.11667	170603541	170604217	170604339	17060499
204 NA11830	[2515685 chr6	6	170625506	170627028	1523	3	1.730412	0.113467	170625015	170625997	170626579	17062747
205 NA11830	[2515685 chr6	6	170907234	170961212	53979	41	-0.265525	0.023182	170906392	170908077	170909986	17096143
206 NA11830	[2515685 chr7	7	1084125	1086660	2536	15	0.667581	0.036673	1083752	1084499	1085871	1087441
207 NA11830	[2515685 chr7	7	3384111	3392461	8351	8	0.863223	0.056601	3383451	3384772	3390107	3395611
208 NA11830	[2515685 chr7	7	7064693	7097525	32833	39	-0.757644	0.025006	7064378	7065009	7095171	7102081
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211 NA11830	[2515685 chr7	7	56415679	56544240	128562	4	-0.728445	0.073061	56286086	56418033	56542365	56546111
212 NA11830	[2515685 chr7	7	62124270	62127972	3703	12	-0.301817	0.043073	62124190	62124350	62127882	62128061
213 NA11830	[2515685 chr7	7	62423752	62430522	6771	18	-0.28655	0.034696	62423322	62424183	62429779	62431261
214 NA11830	[2515685 chr7	7	62685608	62696382	10775	3	0.523283	0.092806	62685051	62686165	62694028	62700611
215 NA11830	[2515685 chr7	7	64029672	64045487	15816	45	-0.332498	0.02079	64029291	64030053	64045069	64045901
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217 NA11830	[2515685 chr7	7	64464087	64479903	15817	43	-0.301174	0.021404	64463669	64464506	64479522	64480281
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222 NA11830	[2515685 chr7	7	71922171	71963082	40912	99	-0.265155	0.010365	71921632	71922710	71962930	71963231
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227 NA11830	[2515685 chr7	7	74553032	74554821	1790	3	-0.318856	0.055596	74551991	74554073	74554821	74554821
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230 NA11830	[2515685 chr7	7	74626836	74632023	5188	15	-0.444342	0.027681	74626835	74626837	74631484	74632561

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232 NA11830	[2515685 chr7	7	75790452	75800166	9715	13	-0.433292	0.034282	75790248	75790656	75799479	7580085:
233 NA11830	[2515685 chr7	7	76281236	76322128	40893	83	-0.250321	0.011391	76280775	76281697	76322070	7632218:
234 NA11830	[2515685 chr7	7	76336326	76341574	5249	5	0.38351	0.062678	76336153	76336500	76339220	7634614:
235 NA11830	[2515685 chr7	7	92971481	92976895	5415	4	0.93613	0.088356	92971060	92971903	92975569	9297822:
236 NA11830	[2515685 chr7	7	99542714	99545357	2644	3	-0.820976	0.063037	99541225	99544203	99545107	9954560:
237 NA11830	[2515685 chr7	7	99979380	99988465	9086	2	-0.909224	0.09604	99885388	99981734	99986334	9999059:
238 NA11830	[2515685 chr7	7	101568170	101576590	8421	11	-0.319406	0.040125	101566805	101569535	101575497	10157768:
239 NA11830	[2515685 chr7	7	101706881	101925433	218553	313	0.301826	0.006438	101690888	101709235	101924670	10192619:
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242 NA11830	[2515685 chr7	7	110659870	110661626	1757	2	-0.980214	0.123549	110659025	110660715	110661142	11066211:
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244 NA11830	[2515685 chr7	7	125639507	125644775	5269	6	-0.829995	0.074371	125639054	125639961	125644046	12564550:
245 NA11830	[2515685 chr7	7	126108382	126121632	13251	20	-0.252479	0.032533	126107861	126108904	126121278	12612198:
246 NA11830	[2515685 chr7	7	133243381	133245202	1822	2	0.847164	0.107932	133243008	133243755	133244207	13324619:
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249 NA11830	[2515685 chr7	7	142735412	142784994	49583	57	0.366426	0.007578	142734133	142736691	142784455	14278553:
250 NA11830	[2515685 chr7	7	142796119	142863185	67067	99	0.366426	0.007578	142795913	142796326	142862808	14286356:
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254 NA11830	[2515685 chr7	7	152576132	152577404	1273	2	-0.600062	0.107309	152575870	152576394	152577061	15257774:
255 NA11830	[2515685 chr7	7	158207288	158209880	2593	2	0.755666	0.120437	158206344	158208233	158209333	15821042:
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257 NA11830	[2515685 chr8	8	13248	32375	19128	30	-0.303028	0.026921	12957	13540	32228	32523
258 NA11830	[2515685 chr8	8	34691	67656	32966	8	-0.273847	0.054343	34286	35096	66815	68497
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260 NA11830	[2515685 chr8	8	4110204	4112526	2323	2	3.946501	0.247653	4109692	4110717	4112031	4113022:
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268 NA11830	[2515685 chr8	8	7845659	7846400	742	2	0.521241	0.089078	7845518	7845800	7845814	7846986:
269 NA11830	[2515685 chr8	8	7862281	7873897	11617	34	0.780602	0.025488	7862030	7862533	7873605	7874190:
270 NA11830	[2515685 chr8	8	7887656	7888490	835	2	-0.627884	0.112868	7887647	7887665	7888163	7888818:
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273 NA11830	[2515685 chr8	8	12023134	12035286	12153	33	0.804583	0.026781	12022997	12023272	12034973	1203559:
274 NA11830	[2515685 chr8	8	12259618	12260238	621	2	0.521241	0.089078	12259477	12259759	12259773	1226070:
275 NA11830	[2515685 chr8	8	12276602	12284041	7440	14	0.754876	0.038038	12276206	12276998	12283622	1228446:
276 NA11830	[2515685 chr8	8	13616781	13617957	1177	2	0.749572	0.134126	13616575	13616988	13617472	1361844:
277 NA11830	[2515685 chr8	8	16776888	16781671	4784	3	-0.90836	0.081661	16772970	16779647	16781308	1678203:
278 NA11830	[2515685 chr8	8	18900549	18901909	1361	2	-0.786402	0.103398	18900138	18900960	18901577	1890224:
279 NA11830	[2515685 chr8	8	20022286	20024771	2486	2	-0.656144	0.114354	20021082	20023491	20024338	2002520:
280 NA11830	[2515685 chr8	8	20630162	20652580	22419	17	-0.256359	0.038234	20629908	20630416	20652191	2065297:
281 NA11830	[2515685 chr8	8	39405846	39409044	3199	2	-0.708408	0.138352	39405665	39406028	39406285	3941870:
282 NA11830	[2515685 chr8	8	51193670	51201152	7483	11	-0.96716	0.050386	51193335	51194005	51200867	5120143:
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287 NA11830	[2515685 chr8	8	86742169	86910255	168087	105	0.366743	0.010706	86741757	86742581	86910002	8691050:
288 NA11830	[2515685 chr8	8	114800642	114807739	7098	5	-0.327498	0.063831	114800095	114801190	114807479	11480799:
289 NA11830	[2515685 chr8	8	115703942	115715322	11381	11	-0.911741	0.049975	115703065	115704820	115712563	11571874:
290 NA11830	[2515685 chr8	8	120222655	120229952	7298	6	0.757775	0.062837	120218251	120225414	120229434	12023047:
291 NA11830	[2515685 chr9	9	6212297	6222686	1390	2	0.779124	0.116104	621069	621526	622289	623084:
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293 NA11830	[2515685 chr9	9	39272319	39273300	982	3	-0.316261	0.063245	39272114	39272524	39273050	3927355:
294 NA11830	[2515685 chr9	9	40205426	40360534	155109	316	-0.26841	0.007564	40205146	40205707	40360153	4036091:
295 NA11830	[2515685 chr9	9	41234952	41249563	14612	14	-0.259619	0.0381	41234900	41235005	41249466	4124966:
296 NA11830	[2515685 chr9	9	42645007	42646038	1032	2	-0.646952	0.080322	42644851	42645163	42645769	4264630:
297 NA11830	[2515685 chr9	9	42669198	42670938	1741	2	-0.711585	0.068091	42668921	42669475	42670652	4267122:
298 NA11830	[2515685 chr9	9	42754727	42756705	1979	3	-0.377814	0.064409	42754385	42755070	42755767	4275764:
299 NA11830	[2515685 chr9	9	42789875	42791615	1741	2	-0.711585	0.068091	42789598	42790152	42791329	4279190:
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307 NA11830	[2515685 chr9	9	43744237	43745976	1740	2	-0.711585	0.068091	43743960	43744514	43745690	4374626:
308 NA11830	[2515685 chr9	9	43941080	43943985	2906	8	0.37843	0.049769	43940774	43941386	43943754	4394421:
309 NA11830	[2515685 chr9	9	44679085	44682053	2969	6	0.387723	0.057333	44678768	44679402	44681477	4468262:
310 NA11830	[2515685 chr9	9	44927718	44930690	2973	6	0.422019	0.059947	44927142	44928294	44930373	4493100:
311 NA11830	[2515685 chr9	9	66047392	66062001	14610	15	-0.265442	0.037803	66047340	66047445	66061902	6606210:
312 NA11830	[2515685 chr9	9	69247738	69255030	7293	3	0.378306	0.071407	69247278	69248198	69254771	6925529:
313 NA11830	[2515685 chr9	9	112902065	112932269	30205	42	0.438334	0.016415	112901557	112902574	112931621	1129329:
314 NA11830	[2515685 chr9	9	131289414	131293919	4506	2	-0.836102	0.110947	131287281	131291547	131292523	1312953:
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316 NA11830	[2515685 chr10	10	170571	172369	1799	2	0.634434	0.093025	170341	170801	171237	173501
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318 NA11830	[2515685 chr10	10	19786434	19791314	4881	6	-0.317155	0.056667	19786013	19786856	19790970	1979165:
319 NA11830	[2515685 chr10	10	20036833	20038315	1483	2	-0.845295	0.115742	20036464	20037202	20038007	2003862:
320 NA11830	[2515685 chr10	10	37483833	37484967	1135	2	-0.463856	0.08628	37483539	37484127	37484579	3748535:
321 NA11830	[2515685 chr10	10	37487278	37529195	41918	64	-0.573682	0.014947	37486985	37487572	37528890	3752950:
322 NA11830	[2515685 chr10	10	46107579	46132961	25383	41	-0.38199	0.018204	46104113	46110327	46132792	4613313:
323 NA11830	[2515685 chr10	10	46168755	46170845	2091	9	-0.476238	0.04352	46168488	46169022	46170704	4617098:
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325 NA11830	[2515685 chr10	10	46198107	46199907	1801	4	-0.553049	0.064366	46197622	46198592	46199657	4620015:
326 NA11830	[2515685 chr10	10	46216214	46221325	5112	19	-0.360365	0.028526	46215871	46216557	46221069	4622158:
327 NA11830	[2515685 chr10	10	46230274	46381170	150897	249	-0.330756	0.003444	46230243	46230306	46381004	4638133:
328 NA11830	[2515685 chr10	10	46385672	46584531	198860	248	-0.330756	0.003444	46385485	46385859	46584403	4658465:
329 NA11830	[2515685 chr10	10	46585934	46600786	14853	43	-0.330756	0.003444	46585739	46586129	46600776	4660079:
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331 NA11830	[2515685 chr10	10	46645411	46675076	29666	107	-0.330756	0.003444	46645296	46645526	46675054	4667509:
332 NA11830	[2515685 chr10	10	46677788	46709799	32012	67	-0.330756	0.003444	46677220	46678357	46709792	4670980:
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334 NA11830	[2515685 chr10	10	47112204	47173707	61504	93	-0.330756	0.003444	47112009	47112400	47173507	4717390:
335 NA11830	[2515685 chr10	10	47219668	47221310	1643	9	-0.358348	0.046391	47219445	47219892	47221226	4722139:
336 NA11830	[2515685 chr10	10	47227413	47227763	351	2	-0.546257	0.082782	47227267	47227560	47227636	4722789:
337 NA11830	[2515685 chr10	10	47230731	47231502	772	2	-0.648971	0.082428	47230574	47230889	47231201	4723180:
338 NA11830	[2515685 chr10	10	47723234	47758287	35054	106	-0.396965	0.011882	47757187	47752598	47758256	4775831:
339 NA11830	[2515685 chr10	10	47767237	47772343	5107	20	-0.357651	0.028073	47766982	47767493	47772001	4777268:
340 NA11830	[2515685 chr10	10	47788657	47790566	1910	4	-0.558545	0.064125	47788408	47788907	47790187	4779094:



341 NA11830	[2515685 chr10	10	47796766	47803532	6767	22	-0.43789	0.027709	47796723	47796810	47802824	4780424
342 NA11830	[2515685 chr10	10	47817871	47820294	2424	8	-0.440045	0.050572	47817785	47817958	47820036	4782055
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344 NA11830	[2515685 chr10	10	47889059	47889830	772	2	-0.648971	0.082428	47888902	47889217	47889529	4789013
345 NA11830	[2515685 chr10	10	48494492	48516837	22346	31	-0.375508	0.020598	48491014	48497240	48516285	4851739
346 NA11830	[2515685 chr10	10	48558524	48560613	2090	10	-0.441765	0.04172	48558257	48558791	48560472	4856075
347 NA11830	[2515685 chr10	10	48574881	48597048	22168	54	-0.319232	0.016441	48574098	48575665	48594300	4860023
348 NA11830	[2515685 chr10	10	48606762	48611077	4316	15	-0.356442	0.032033	48606702	48606822	48610821	4861133
349 NA11830	[2515685 chr10	10	48620019	48865591	245573	176	-0.3758	0.008329	48619988	48620051	48865564	4886561
350 NA11830	[2515685 chr10	10	48925221	48927636	2416	10	-0.448813	0.043245	48924954	48925488	48927550	4892772
351 NA11830	[2515685 chr10	10	51120710	51129602	8893	11	-0.429413	0.034606	51120483	51120937	51128757	5113044
352 NA11830	[2515685 chr10	10	55013473	55030874	17402	11	0.276464	0.047491	55011568	55015379	55030462	5503128
353 NA11830	[2515685 chr10	10	55592758	55692072	99315	4	-0.377994	0.061073	55473112	55595506	55691526	5569261
354 NA11830	[2515685 chr10	10	56117212	56139275	22064	20	-1.041099	0.035693	56115764	56118661	56138931	5613961
355 NA11830	[2515685 chr10	10	66977355	66985193	7839	8	-0.950574	0.06078	66976803	66977908	66984894	6698549
356 NA11830	[2515685 chr10	10	78842318	78844154	1837	2	0.587601	0.112279	78841676	78842960	78843551	7884475
357 NA11830	[2515685 chr10	10	81084332	81103025	18694	29	-0.309818	0.02419	81084016	81084649	81102919	8110313
358 NA11830	[2515685 chr10	10	81214834	81230980	16147	23	-0.293165	0.026129	81214569	81215099	81230920	8123104
359 NA11830	[2515685 chr10	10	81405284	81418025	12742	18	-0.362459	0.029137	81405073	81405496	81417780	8141827
360 NA11830	[2515685 chr10	10	81534994	81588775	53782	78	-0.302294	0.015047	81534707	81535281	81588507	8158904
361 NA11830	[2515685 chr10	10	81663989	81669493	5505	8	-0.327811	0.050131	81663740	81664238	81669128	8166985
362 NA11830	[2515685 chr10	10	82706016	82767821	61806	2	-0.502752	0.086505	82607171	82708764	82765073	8285048
363 NA11830	[2515685 chr10	10	88867421	88948595	81175	92	-0.377921	0.013497	88867217	88867626	88948288	8894890
364 NA11830	[2515685 chr10	10	89056763	89104175	47413	72	-0.349255	0.015656	89056683	89056843	89103532	8910481
365 NA11830	[2515685 chr10	10	89153788	89180666	26879	45	-0.330302	0.019624	89150578	89156536	89180586	8918074
366 NA11830	[2515685 chr10	10	124336365	124341749	5385	6	0.68109	0.06623	124335581	124337149	124341238	12434226
367 NA11830	[2515685 chr10	10	124350353	124366738	16386	21	-0.31224	0.022621	124350031	124350675	124366300	12436717
368 NA11830	[2515685 chr10	10	127564343	127582849	18507	17	-0.308791	0.03643	127563306	127565381	127581533	12758416
369 NA11830	[2515685 chr10	10	134168766	134170259	1494	17	-0.784126	0.039367	134168524	134169008	134170097	13417042
370 NA11830	[2515685 chr10	10	135178359	135183528	5170	24	-0.372896	0.019908	135177799	135178919	135183320	13518373
371 NA11830	[2515685 chr11	11	2839485	2848945	9461	11	0.260463	0.041703	2839011	2839959	2848635	284925
372 NA11830	[2515685 chr11	11	3222426	3316109	93684	105	0.384509	0.01092	3213200	3225514	3315778	331644
373 NA11830	[2515685 chr11	11	3628748	3632795	4048	6	-0.583715	0.060359	3625722	3631775	3632594	363299
374 NA11830	[2515685 chr11	11	4924831	4932599	7769	8	-0.944328	0.053237	4924403	4925260	4931948	493325
375 NA11830	[2515685 chr11	11	5717038	5722033	4996	3	2.501812	0.136223	5716660	5717416	5718945	572548
376 NA11830	[2515685 chr11	11	5741269	5765993	24725	32	2.783299	0.045698	5741059	5741480	5765632	576635
377 NA11830	[2515685 chr11	11	5799500	5800609	1110	2	-0.545971	0.106235	5799315	5799686	5800277	580094
378 NA11830	[2515685 chr11	11	11831868	11833089	1222	2	0.868128	0.106326	11831412	11832324	11832853	1183332
379 NA11830	[2515685 chr11	11	18903445	18923027	19583	30	0.9908	0.028433	18897800	18906533	18919939	1892845
380 NA11830	[2515685 chr11	11	48284073	48284771	699	2	0.958239	0.107794	48283862	48284285	48284572	4828497
381 NA11830	[2515685 chr11	11	49665830	49715836	50007	35	0.460424	0.024609	49665251	49666410	49712748	4972198
382 NA11830	[2515685 chr11	11	50233802	50235333	1532	3	-0.392653	0.061085	50233483	50234121	50234922	5023574
383 NA11830	[2515685 chr11	11	54977173	54979405	2233	2	-0.464049	0.087907	54976212	54978135	54979178	5497963
384 NA11830	[2515685 chr11	11	60721034	60777477	56444	73	0.576052	0.013673	60720112	60721956	60776810	6077814
385 NA11830	[2515685 chr11	11	73815147	73818580	3434	3	-0.505768	0.092179	73812981	73817313	73818213	7381894
386 NA11830	[2515685 chr11	11	89260757	89266247	5491	9	-0.613375	0.050703	89260437	89261077	89265993	8926650
387 NA11830	[2515685 chr11	11	89323920	89327673	3754	8	-0.67507	0.054155	89323666	89324175	89327396	8932795
388 NA11830	[2515685 chr11	11	106744846	106746569	1724	5	-0.962301	0.074349	106744561	106745131	106746367	10674677
389 NA11830	[2515685 chr11	11	106747019	106751059	4041	3	-0.757945	0.097399	106746772	106747267	106747971	10675483
390 NA11830	[2515685 chr11	11	134107699	134112290	4592	5	0.892916	0.069599	134106591	134108808	134111845	13411273
391 NA11830	[2515685 chr12	12	31670	46229	14560	2	-0.564857	0.103134	29463	33878	45710	46748
392 NA11830	[2515685 chr12	12	736840	744802	7963	9	0.891245	0.051597	736616	737064	744211	74539
393 NA11830	[2515685 chr12	12	6113530	6118188	4659	4	0.691716	0.082574	6111640	6115421	6117816	611856
394 NA11830	[2515685 chr12	12	9439347	9445623	6277	10	0.46869	0.043628	9439120	9439574	9445247	944600
395 NA11830	[2515685 chr12	12	9524239	9624971	100733	108	1.061029	0.016334	9523968	9524510	9623223	962672

396 NA11830	[2515685 chr12	12	9815284	9817019	1736	2	-0.513264	0.099167	9814952	9815616	9816451	9817587
397 NA11830	[2515685 chr12	12	11060019	11069113	9095	11	-0.307264	0.044693	11059499	11060539	11068793	1106943:
398 NA11830	[2515685 chr12	12	11070849	11142012	71164	86	-0.547945	0.016292	11069857	11071841	11141608	11142417
399 NA11830	[2515685 chr12	12	11398049	11436142	38094	34	-0.408498	0.025262	11397507	11398591	11435669	1143661!
400 NA11830	[2515685 chr12	12	30128711	30133561	4851	3	-1.021857	0.089191	30128382	30129041	30132177	3013494!
401 NA11830	[2515685 chr12	12	31155331	31244780	89450	84	0.691914	0.01673	31155092	31155571	31244217	3124534:
402 NA11830	[2515685 chr12	12	36886168	36890395	4228	5	-0.398203	0.063602	36886078	36886259	36887282	3689350!
403 NA11830	[2515685 chr12	12	46994634	46995975	1342	2	-0.801493	0.122585	46994358	46994911	46995667	4699628:
404 NA11830	[2515685 chr12	12	78656134	78665261	9128	9	-0.611583	0.050891	78654687	78657582	78664736	7866578:
405 NA11830	[2515685 chr12	12	127754996	127757890	2895	4	-0.840543	0.070338	127754773	127755219	127757355	12775842
406 NA11830	[2515685 chr12	12	130257877	130259876	2000	3	-0.557743	0.076689	130257493	130258262	130259649	13026010
407 NA11830	[2515685 chr12	12	130315291	130321241	5951	19	0.271806	0.03173	130315089	130315493	130320997	13032148
408 NA11830	[2515685 chr12	12	130798727	130802870	4144	5	-0.790524	0.064719	130798268	130799187	130801345	13080439
409 NA11830	[2515685 chr13	13	18073365	18078331	4967	4	-0.499457	0.072959	18073177	18073554	18075591	1808107:
410 NA11830	[2515685 chr13	13	25947233	25950398	3166	3	3.385077	0.159009	25946194	25948272	25949415	2595138:
411 NA11830	[2515685 chr13	13	33029562	33042392	12831	8	0.88558	0.058319	33000262	33034253	33041860	3304292!
412 NA11830	[2515685 chr13	13	36971484	36983475	11992	10	-3.494891	0.095972	36969416	36973552	36982905	3698404!
413 NA11830	[2515685 chr13	13	56611711	56645734	34024	42	0.722859	0.015173	56610946	56612477	56645321	5664614:
414 NA11830	[2515685 chr13	13	69633905	69673289	39385	42	0.784571	0.023846	69633412	69634399	69672985	6967359:
415 NA11830	[2515685 chr13	13	71375850	71378291	2442	2	-1.057985	0.13608	71374967	71376734	71377584	7137899!
416 NA11830	[2515685 chr13	13	110502383	110503129	747	3	-1.043378	0.104348	110502225	110502541	110502890	11050336
417 NA11830	[2515685 chr13	13	112713598	112719112	5515	7	-0.305748	0.054165	112713274	112713922	112718845	11271938:
418 NA11830	[2515685 chr13	13	113079647	113086829	7183	3	0.755549	0.08237	113078890	113080404	113082138	11309434
419 NA11830	[2515685 chr14	14	18439491	19143339	703849	1183	-0.276161	0.00352	18437497	18441485	19143095	1914358:
420 NA11830	[2515685 chr14	14	19145876	19174829	28954	50	-0.276161	0.00352	19145143	19146610	19174593	1917506!
421 NA11830	[2515685 chr14	14	19177839	19351102	173264	211	-0.276161	0.00352	19177094	19178584	19350905	1935129:
422 NA11830	[2515685 chr14	14	19619343	19625484	6142	3	4.234914	0.220921	19612261	19624114	19625018	1962595!
423 NA11830	[2515685 chr14	14	42059344	42062997	3654	2	0.757718	0.115128	42056485	42062203	42062601	4206339:
424 NA11830	[2515685 chr14	14	47365852	47374040	8189	13	-0.270245	0.043612	47365228	47366476	47373875	4737420!
425 NA11830	[2515685 chr14	14	53780053	53782988	2936	5	-4.156189	0.157806	53779833	53780274	53782739	5378323!
426 NA11830	[2515685 chr14	14	73063171	73119729	56559	51	0.460771	0.020283	73061866	73064476	73118276	7312118:
427 NA11830	[2515685 chr14	14	85355318	85383570	28253	27	-0.923722	0.031416	85355002	85355635	85382242	8538489!
428 NA11830	[2515685 chr14	14	86402641	86404796	2156	3	-0.411096	0.079097	86402159	86403123	86404584	8640500!
429 NA11830	[2515685 chr14	14	104766812	104778505	11694	145	-0.389959	0.009694	104766457	104767167	104778286	10477872:
430 NA11830	[2515685 chr15	15	18431549	18474798	43250	46	-0.313984	0.003117	18431298	18431801	18474541	1847505!
431 NA11830	[2515685 chr15	15	18478130	19218887	740758	996	-0.313984	0.003117	18477634	18478626	19218462	1921931:
432 NA11830	[2515685 chr15	15	19227062	19805080	578019	575	-0.313984	0.003117	19226891	19227233	19804866	1980529:
433 NA11830	[2515685 chr15	15	19874194	19979697	105504	96	-0.313984	0.003117	19873671	19874718	19977511	1998188:
434 NA11830	[2515685 chr15	15	20228094	20234328	6235	12	0.562881	0.037925	20226486	20229703	20233781	2023487!
435 NA11830	[2515685 chr15	15	20371607	20383831	12225	17	-0.396541	0.031275	20367922	20373912	20383079	2038458:
436 NA11830	[2515685 chr15	15	20864600	20865501	902	3	-0.583662	0.089692	20864385	20864815	20865204	2086579!
437 NA11830	[2515685 chr15	15	20890484	20934983	44500	75	-0.312406	0.014606	20890334	20890635	20934915	2093505:
438 NA11830	[2515685 chr15	15	21009585	21015599	6015	4	-0.710486	0.058947	21006900	21011890	21015285	2101591:
439 NA11830	[2515685 chr15	15	21023419	21034291	10873	4	-0.685312	0.063488	21023214	21023625	21033788	2103479:
440 NA11830	[2515685 chr15	15	21042508	21043975	1468	3	-0.708665	0.085696	21042181	21042836	21043230	2104472!
441 NA11830	[2515685 chr15	15	21046939	21048661	1723	3	-0.617696	0.080311	21046484	21047394	21048447	2104887!
442 NA11830	[2515685 chr15	15	21049779	21062197	12419	11	-0.66879	0.040875	21049217	21050342	21061995	2106240!
443 NA11830	[2515685 chr15	15	21062696	21068074	5379	6	-0.514482	0.046888	21062400	21062992	21065769	2111638:
444 NA11830	[2515685 chr15	15	21605983	21614603	8621	8	0.808443	0.059728	21605507	21606459	21612298	2163669!
445 NA11830	[2515685 chr15	15	21922022	21934629	12608	14	-0.264302	0.035767	21921481	21922563	21933907	2193535:
446 NA11830	[2515685 chr15	15	24986053	24992250	6198	7	0.893848	0.061585	24985426	24986680	24991680	2499282!
447 NA11830	[2515685 chr15	15	26203425	26246225	42801	57	-0.301122	0.017545	26200607	26205730	26246157	2624629:
448 NA11830	[2515685 chr15	15	26331811	26343818	12008	25	0.565013	0.027156	26331265	26332358	26342288	2634534!
449 NA11830	[2515685 chr15	15	26536521	26542764	6244	12	0.572914	0.03634	26534914	26538129	26542214	2654331:
450 NA11830	[2515685 chr15	15	26628330	26700617	72288	138	-0.271319	0.01097	26628262	26628398	26700567	2670066:

451 NA11830	[2515685 chr15	15	26703103	26708043	4941	13	-0.26992	0.03598	26702797	26703410	26707600	2670848
452 NA11830	[2515685 chr15	15	26763606	26779808	16203	30	-0.261827	0.025302	26763229	26763983	26779378	26780231
453 NA11830	[2515685 chr15	15	27133105	27134889	1785	5	0.381149	0.064912	27132904	27133306	27134660	27135111
454 NA11830	[2515685 chr15	15	28183172	28213264	30093	61	-0.342412	0.015783	28182925	28183419	28212574	28213951
455 NA11830	[2515685 chr15	15	28457108	28471779	14672	32	-0.394181	0.02135	28456826	28457390	28470757	28472801
456 NA11830	[2515685 chr15	15	28653461	28659029	5569	11	-0.423845	0.038245	28652423	28654500	28658980	28659071
457 NA11830	[2515685 chr15	15	28659478	28669456	9979	19	-0.443943	0.02794	28659374	28659582	28669396	28669517
458 NA11830	[2515685 chr15	15	28698697	28759428	60732	72	-0.521252	0.017014	28697412	28699983	28758850	28760001
459 NA11830	[2515685 chr15	15	29654194	29659019	4826	3	0.426192	0.075695	29653452	29654937	29658639	29659401
460 NA11830	[2515685 chr15	15	29803457	30232844	429388	380	0.487788	0.00752	29803231	29803684	30232517	30233171
461 NA11830	[2515685 chr15	15	30296241	30304776	8536	5	0.537798	0.059987	30295664	30296819	30302471	30308721
462 NA11830	[2515685 chr15	15	30497138	30512521	15384	33	-0.402573	0.021702	30497078	30497199	30512084	30512951
463 NA11830	[2515685 chr15	15	30573260	30594507	21248	26	-0.35228	0.028214	30572934	30573586	30594325	30594691
464 NA11830	[2515685 chr15	15	30618243	30665227	46985	89	-0.289396	0.014612	30617993	30618493	30665099	30665351
465 NA11830	[2515685 chr15	15	30698867	30712535	13669	17	-0.405743	0.033185	30698639	30699095	30712376	30712691
466 NA11830	[2515685 chr15	15	32469460	32598425	128966	121	0.358898	0.009594	32469063	32469858	32597169	32599681
467 NA11830	[2515685 chr15	15	32615681	32656877	41197	47	0.358898	0.009594	32615284	32616079	32656150	32657601
468 NA11830	[2515685 chr15	15	39889385	39890850	1466	2	0.517126	0.097187	39888917	39889854	39890418	39891281
469 NA11830	[2515685 chr15	15	75117585	75119946	2362	4	-1.980772	0.108967	75117343	75117827	75119741	75120151
470 NA11830	[2515685 chr15	15	80588100	80588985	886	2	-0.504845	0.07331	80587699	80588502	80588602	80589361
471 NA11830	[2515685 chr15	15	83581911	83582575	665	2	-0.504845	0.07331	83581731	83582092	83582192	83582951
472 NA11830	[2515685 chr15	15	99806273	99808092	1820	3	0.487653	0.086875	99805943	99806604	99807825	99808361
473 NA11830	[2515685 chr15	15	100109640	100122682	13043	98	0.88823	0.012146	100108905	100110376	100122315	100123051
474 NA11830	[2515685 chr16	16	14696077	14703775	7699	5	-0.752549	0.049029	14695838	14696316	14703313	14704231
475 NA11830	[2515685 chr16	16	14735195	14742897	7703	5	-0.752547	0.049029	14734956	14735434	14742435	14743351
476 NA11830	[2515685 chr16	16	28324917	28335549	10633	9	0.376672	0.04752	28324665	28325169	28341190	28336901
477 NA11830	[2515685 chr16	16	28348646	28349697	1052	2	0.423293	0.080298	28348298	28348994	28349000	28350391
478 NA11830	[2515685 chr16	16	28602955	28604006	1052	2	0.423293	0.080298	28602258	28603652	28603658	28604351
479 NA11830	[2515685 chr16	16	28617225	28628077	10853	11	0.382759	0.043886	28615757	28618694	28627777	28628371
480 NA11830	[2515685 chr16	16	28717148	28718199	1052	2	0.423293	0.080298	28716451	28717845	28717851	28718541
481 NA11830	[2515685 chr16	16	32154214	32158632	4419	15	-0.26712	0.031145	32154161	32154267	32158484	32158781
482 NA11830	[2515685 chr16	16	32159898	32160377	480	2	-1.257387	0.085792	32159453	32160343	32160346	32160401
483 NA11830	[2515685 chr16	16	32275177	32360004	84828	87	-0.258551	0.014831	32275131	32275224	32359830	32360171
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485 NA11830	[2515685 chr16	16	32608286	32612861	4576	16	-0.291079	0.029948	32607988	32608584	32612808	32612911
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487 NA11830	[2515685 chr16	16	33157406	33157879	474	2	-1.257388	0.085792	33156967	33157845	33157848	33157911
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495 NA11830	[2515685 chr16	16	57204541	57207585	3045	3	4.568045	0.196708	57204170	57204913	57206938	57208231
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499 NA11830	[2515685 chr16	16	84562720	84565235	2516	11	0.644272	0.049198	84561685	84563756	84565142	84565321
500 NA11830	[2515685 chr17	17	911980	915554	3575	4	-0.987681	0.080215	911452	912508	915413	915696
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516 NA11830	[2515685 chr18	18	6902997	6904611	1615	2	-0.701998	0.118619	6902443	6903552	6904056	6905166
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518 NA11830	[2515685 chr18	18	28142218	28143399	1182	2	0.720873	0.121101	28141854	28142583	28143055	28143741
519 NA11830	[2515685 chr18	18	61917747	61920171	2425	4	3.058008	0.137179	61917522	61917973	61919646	61920691
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522 NA11830	[2515685 chr19	19	1200296	1202522	2227	3	0.609149	0.088353	1199725	1199725	1200868	1202841
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526 NA11830	[2515685 chr19	19	23597182	23600235	3054	5	-0.887555	0.068946	23596541	23597823	23599600	23600871
527 NA11830	[2515685 chr19	19	24147959	24148730	772	3	-0.619533	0.084055	24147835	24148083	24148193	24149261
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26 NA19240	[2515685 chr1	1	109929748	109966604	36857	40	0.841142	0.024272	109929322	109930175	109966387	109966682
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31 NA19240	[2515685 chr1	1	145929568	145951531	21964	26	0.497253	0.028937	145929405	145929732	145951467	145951590
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44 NA19240	[2515685 chr1	1	159083853	159086136	2284	3	0.450838	0.088318	159083104	159084603	159085870	159086640
45 NA19240	[2515685 chr1	1	185975508	185978532	3025	4	-1.013807	0.081299	185975191	185975825	185978249	185978810
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47 NA19240	[2515685 chr1	1	192539696	192547982	8287	5	-0.35195	0.06541	192539032	192540360	192547786	192548170

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52 NA19240	[2515685 chr1	1	233202665	233204956	2292	42	-0.759282	0.019357	233202312	233203018	233204364	23320554
53 NA19240	[2515685 chr1	1	236719047	236720968	1922	3	-3.309109	0.159364	236718751	236719344	236720749	23672118
54 NA19240	[2515685 chr1	1	239368545	239481884	113340	13	-0.507215	0.041719	239368239	239368851	239478614	23949135
55 NA19240	[2515685 chr1	1	244259220	244260704	1485	4	-0.532565	0.074245	244259044	244259396	244260429	24426097
56 NA19240	[2515685 chr1	1	244935197	244936698	1502	4	-0.411874	0.074173	244934954	244935441	244936297	24493710
57 NA19240	[2515685 chr1	1	245065841	245121920	56080	53	-0.758536	0.021048	245065663	245066019	245121605	24512223
58 NA19240	[2515685 chr1	1	245195364	245200716	5353	6	-2.869791	0.110368	245194714	245196015	245200082	24520135
59 NA19240	[2515685 chr2	2	6248930	6258838	9909	11	-0.978076	0.046907	6248417	6249444	6258311	6259366
60 NA19240	[2515685 chr2	2	13466341	13504710	38370	37	0.281617	0.016564	13466145	13466538	1350553	1350553
61 NA19240	[2515685 chr2	2	13531646	13548027	16382	16	0.281617	0.016564	13530427	13532866	13547735	1354831
62 NA19240	[2515685 chr2	2	14629924	14635533	5610	3	-0.416302	0.078226	14627422	14632427	14634482	1463658
63 NA19240	[2515685 chr2	2	34606439	34644770	38332	39	0.758343	0.02444	34601818	34609397	34641812	3464839
64 NA19240	[2515685 chr2	2	34739031	34741295	2265	3	-0.88492	0.098275	34738758	34739304	34740438	3474215
65 NA19240	[2515685 chr2	2	35492615	35529746	37132	37	-0.842846	0.026149	35491400	35493831	35527391	3553210
66 NA19240	[2515685 chr2	2	35896472	35905937	9466	3	-0.839261	0.084045	35879425	35899430	35902979	3590982
67 NA19240	[2515685 chr2	2	38354260	38871413	517154	6	-0.267887	0.052732	38269962	38357218	38868455	3899384
68 NA19240	[2515685 chr2	2	56563619	56567381	3763	2	3.438893	0.190964	56556559	56566577	56567035	5656772
69 NA19240	[2515685 chr2	2	56631771	56663004	31234	37	0.485598	0.024263	56631541	56632002	56662399	5666360
70 NA19240	[2515685 chr2	2	61614590	61616693	2104	2	-0.578369	0.107172	61614200	61614981	61616346	6161704
71 NA19240	[2515685 chr2	2	71254096	71259851	5756	7	-0.546871	0.05605	71253721	71254472	71259334	7126036
72 NA19240	[2515685 chr2	2	75296507	75298934	2428	2	0.508774	0.100461	75296056	75296959	75298532	7529933
73 NA19240	[2515685 chr2	2	87965257	88098957	133701	11	0.252157	0.044956	87964592	87965922	88097049	8810086
74 NA19240	[2515685 chr2	2	90000217	90019296	19080	43	0.262932	0.021406	90000164	90000270	90016338	9103802
75 NA19240	[2515685 chr2	2	91135088	91149350	14263	38	0.285246	0.02257	91134771	91135405	91149246	9114945
76 NA19240	[2515685 chr2	2	97184386	97189740	5355	2	-0.733382	0.099172	97182781	97185992	97186782	9719672
77 NA19240	[2515685 chr2	2	97504383	97505604	1222	3	0.362975	0.072258	97503946	97504821	97505350	9750585
78 NA19240	[2515685 chr2	2	97613796	97614932	1137	2	1.122315	0.124484	97613553	97614040	97614467	9761539
79 NA19240	[2515685 chr2	2	106339466	106344320	4855	6	-1.193094	0.077557	106339069	106339864	106344055	10634458
80 NA19240	[2515685 chr2	2	108313968	108314875	908	2	0.687026	0.108281	108313664	108314272	108314680	10831507
81 NA19240	[2515685 chr2	2	110105869	110114738	8870	14	0.30121	0.036111	110103316	110108422	110114256	11011522
82 NA19240	[2515685 chr2	2	110563802	110572767	8966	13	0.306992	0.038407	110563321	110564284	110570196	11057533
83 NA19240	[2515685 chr2	2	111696774	111699712	2939	17	-0.255934	0.033384	111696413	111697136	111699396	11170002
84 NA19240	[2515685 chr2	2	126159437	126168349	8913	3	-2.660036	0.131733	126158494	126160381	126168048	12616865
85 NA19240	[2515685 chr2	2	130265328	130274460	9133	13	-0.422584	0.040986	130264902	130265754	130273870	13027505
86 NA19240	[2515685 chr2	2	130449037	130450259	1223	2	-0.649675	0.096629	130448725	130449350	130449916	13045060
87 NA19240	[2515685 chr2	2	131845908	131852310	6403	10	-0.273212	0.041895	131845514	131846302	131852270	13185235
88 NA19240	[2515685 chr2	2	131949198	131957766	8569	12	-0.324499	0.044207	131948970	131949427	131957432	13195810
89 NA19240	[2515685 chr2	2	146694140	146710744	16605	17	0.793868	0.041018	146688620	146697098	146710557	14671093
90 NA19240	[2515685 chr2	2	153495545	153499409	3865	2	0.681197	0.1251	153484545	153498503	153498846	15349997
91 NA19240	[2515685 chr2	2	153622711	153625256	2546	3	0.891447	0.092809	153621175	153624247	153625088	15362542
92 NA19240	[2515685 chr2	2	208176479	208184457	7979	7	0.901637	0.059323	208176093	208176865	208183930	20818498
93 NA19240	[2515685 chr2	2	216235038	216236719	1682	2	0.520539	0.096528	216234724	216235352	216236128	21623731
94 NA19240	[2515685 chr2	2	232512469	232537143	24675	6	-0.27446	0.045097	232511142	232513796	232534243	23254004
95 NA19240	[2515685 chr2	2	242661256	242662332	1077	7	0.284652	0.048976	242661125	242661388	242662217	24266244
96 NA19240	[2515685 chr2	2	242664580	242668683	4104	10	0.743629	0.038325	242664284	242664877	242668532	24266883
97 NA19240	[2515685 chr3	3	149944	152369	2426	4	1.334387	0.08284	148712	151176	151848	15289
98 NA19240	[2515685 chr3	3	204650	209394	4745	4	0.80852	0.073362	202918	206383	209009	20977
99 NA19240	[2515685 chr3	3	1757211	1765710	8500	2	0.74228	0.114967	1756096	1758327	1762058	179730
100 NA19240	[2515685 chr3	3	46770085	46826525	56441	14	-1.679872	0.053133	46769108	46771063	46826330	4682672
101 NA19240	[2515685 chr3	3	76066312	76081451	15140	19	-0.314168	0.032929	76065787	76066838	76081180	7608172
102 NA19240	[2515685 chr3	3	89752413	89760941	8529	10	-0.852277	0.053794	89752004	89752823	89760716	8976116

103 NA19240	[2515685 chr3	3	98676981	98686633	9653	2	-0.583265	0.082963	98564670	98680633	98684714	9868855;
104 NA19240	[2515685 chr3	3	127155656	127158873	3218	5	-0.489993	0.062173	127155390	127155923	127158237	12715950
105 NA19240	[2515685 chr3	3	139287057	139289507	2451	3	0.849017	0.105156	139286041	139288073	139289200	13928981.
106 NA19240	[2515685 chr3	3	144093469	144095523	2055	3	-0.965174	0.095309	144093374	144093564	144094696	14409635
107 NA19240	[2515685 chr3	3	144701165	144703799	2635	2	-1.01959	0.121271	144699852	144702479	144703331	14470426
108 NA19240	[2515685 chr3	3	156042614	156043843	1230	2	-0.583446	0.106667	156042074	156043154	156043483	15604420
109 NA19240	[2515685 chr3	3	163994592	164106273	111682	102	2.301463	0.025891	163993392	163995793	164106029	16410651
110 NA19240	[2515685 chr3	3	191219813	191223326	3514	4	-2.304649	0.116457	191219291	191220336	191222918	19122373.
111 NA19240	[2515685 chr3	3	192547312	192554331	7020	10	0.827764	0.052068	192546950	192547674	192554127	19255453
112 NA19240	[2515685 chr3	3	194357854	194368035	10182	12	2.075665	0.06919	194357665	194358044	194367817	19436825
113 NA19240	[2515685 chr3	3	196994475	197002965	8491	10	0.380513	0.043573	196994054	196994896	197002044	19700388
114 NA19240	[2515685 chr3	3	198043467	198046340	2874	4	0.510145	0.068088	198043278	198043657	198045914	19804676
115 NA19240	[2515685 chr3	3	198421889	198427408	5520	3	0.743208	0.088035	198421397	198422381	198423959	19843085
116 NA19240	[2515685 chr3	3	198674426	198675470	1045	6	-0.695792	0.051795	198674161	198674692	198674903	19867603.
117 NA19240	[2515685 chr3	3	199313925	199321063	7139	15	1.626368	0.033247	199313515	199314336	199320844	19932128
118 NA19240	[2515685 chr4	4	3714193	3715251	1059	2	0.989387	0.120539	3713862	3714524	3714881	3715627
119 NA19240	[2515685 chr4	4	8739800	8756949	17150	26	0.487854	0.021924	8739551	8740049	8756813	8757086
120 NA19240	[2515685 chr4	4	8998175	9046719	48545	87	0.967034	0.011864	8850774	9001243	9046129	9047309
121 NA19240	[2515685 chr4	4	9812346	9813108	763	33	2.258278	0.026712	9812284	9812408	9812952	9813265
122 NA19240	[2515685 chr4	4	9887220	9911397	24178	30	2.045514	0.044832	9886886	9887555	9910388	9912407
123 NA19240	[2515685 chr4	4	12338517	12354476	15960	5	-0.350168	0.067304	12337966	12339068	12353543	12355409
124 NA19240	[2515685 chr4	4	21045633	21053532	7900	8	-0.979243	0.057594	21045231	21046035	21053115	21053956
125 NA19240	[2515685 chr4	4	21618176	21619536	1361	2	-0.562272	0.0997	21617895	21618458	21619251	21619827
126 NA19240	[2515685 chr4	4	28258384	28261621	3238	2	0.586578	0.115712	28258088	28258681	28261358	2826188.
127 NA19240	[2515685 chr4	4	28620405	28629396	8992	7	-1.003397	0.063014	28619577	28621234	28628876	28629917
128 NA19240	[2515685 chr4	4	28902859	28909980	7122	7	-1.052858	0.064204	28902652	28903066	28906912	28914351
129 NA19240	[2515685 chr4	4	34602797	34650994	48198	45	0.782416	0.023937	34601994	34603600	34649535	3465245.
130 NA19240	[2515685 chr4	4	42543238	42546856	3619	2	0.741985	0.100497	42538590	42546306	42546636	42547071
131 NA19240	[2515685 chr4	4	57380811	57385462	4652	5	-0.732809	0.068732	57380085	57381537	57384913	57386017
132 NA19240	[2515685 chr4	4	69202095	69319814	117720	72	1.061905	0.022634	69201955	69202236	69319569	69320059
133 NA19240	[2515685 chr4	4	69319814	69368480	48667	45	0.278996	0.017773	69319569	69320059	69365412	69382197
134 NA19240	[2515685 chr4	4	69670832	69720490	49659	56	0.262262	0.016615	69670364	69671301	69717422	69734219
135 NA19240	[2515685 chr4	4	70329154	70417223	88070	86	0.424112	0.016469	70328934	70329375	70416364	70418087
136 NA19240	[2515685 chr4	4	87333407	87337560	4154	4	-0.981714	0.081697	87333057	87333758	87337055	87338061
137 NA19240	[2515685 chr4	4	92343585	92344675	1091	2	-0.996634	0.126388	92343246	92343924	92344415	92344931
138 NA19240	[2515685 chr4	4	112654875	112665626	10752	10	-0.760041	0.050922	112654558	112655192	112665222	11266603
139 NA19240	[2515685 chr4	4	115534208	115541546	7339	9	-3.244805	0.103348	115530015	115537276	115539984	11554310
140 NA19240	[2515685 chr4	4	119480818	119487782	6965	5	-0.881791	0.068394	119473487	119483886	119487418	11948814
141 NA19240	[2515685 chr4	4	132848421	132850721	2301	3	-1.071615	0.096766	132847980	132848862	132850424	13285101.
142 NA19240	[2515685 chr4	4	133000684	133043320	42637	23	0.324498	0.022986	132999479	133001890	133042031	13304460
143 NA19240	[2515685 chr4	4	133536190	133540723	4534	3	-0.954133	0.102683	133531398	133539258	133540462	13354098
144 NA19240	[2515685 chr4	4	138537751	138549906	12156	14	0.844585	0.045056	138537443	138538059	138547414	13855239
145 NA19240	[2515685 chr4	4	138584392	138585710	1319	2	-0.58611	0.106122	138584115	138584670	138585273	13858614
146 NA19240	[2515685 chr4	4	142588136	142590500	2365	4	-0.766272	0.079327	142587774	142588498	142590303	14259069
147 NA19240	[2515685 chr4	4	145238696	145250378	11683	10	-0.363469	0.048275	145236919	145240473	145250020	14525073
148 NA19240	[2515685 chr4	4	152236495	152243015	6521	8	-0.868843	0.055424	152231776	152239563	152241354	15224467
149 NA19240	[2515685 chr4	4	162185314	162186247	934	2	0.668727	0.129953	162185095	162185534	162186003	16218649
150 NA19240	[2515685 chr4	4	162237272	162242562	5291	8	0.877273	0.055095	162236487	162238058	162242381	16224274.
151 NA19240	[2515685 chr4	4	162312826	162313795	970	2	0.622212	0.114956	162312706	162312947	162314153	16231413
152 NA19240	[2515685 chr4	4	162578301	162589922	11622	12	-0.275961	0.041323	162577752	162578850	162589624	16259022
153 NA19240	[2515685 chr4	4	169184442	169368370	183929	161	0.771961	0.01232	169184090	169184794	169366713	16937002
154 NA19240	[2515685 chr4	4	173363594	173367718	4125	6	-0.777824	0.062851	173362583	173364606	173367283	17336815
155 NA19240	[2515685 chr4	4	173799832	173807323	7492	6	0.893907	0.069473	173799464	173800201	173804255	17381134
156 NA19240	[2515685 chr4	4	178750399	178761484	11086	14	-0.829985	0.041555	178749967	178750832	178760588	17876238
157 NA19240	[2515685 chr4	4	181510330	181513372	3043	4	-0.767745	0.083348	181509772	181510889	181513067	18151367

158 NA19240	[2515685 chr4	4	185533276	185544849	11574	12	0.879608	0.046478	185532696	185533857	185543276	18554642
159 NA19240	[2515685 chr4	4	186816666	186818988	2323	3	4.717945	0.235421	186816420	186816912	186818307	18681967
160 NA19240	[2515685 chr4	4	187728494	187732907	4414	15	1.784656	0.04977	187728193	187728795	187732541	18773327
161 NA19240	[2515685 chr4	4	189799455	189807562	8108	11	-0.434602	0.043978	189799180	189799730	189807064	18980806
162 NA19240	[2515685 chr4	4	190528602	190533163	4562	21	-2.241938	0.0433	190528058	190529146	190531664	19053466
163 NA19240	[2515685 chr4	4	190845771	191059687	213917	220	0.317484	0.009712	190845056	190846486	191059242	19106013
164 NA19240	[2515685 chr5	5	153687	155672	1986	3	0.946457	0.086711	153444	153930	155274	156071
165 NA19240	[2515685 chr5	5	261631	263283	1653	9	0.591053	0.053431	261032	262230	262766	263801
166 NA19240	[2515685 chr5	5	263283	267007	3725	13	-0.291235	0.039862	262766	263801	266353	267662
167 NA19240	[2515685 chr5	5	520743	521684	942	5	0.669314	0.074475	520428	521059	521427	521942
168 NA19240	[2515685 chr5	5	731032	902652	171621	158	0.379778	0.011004	730880	731185	902127	903178
169 NA19240	[2515685 chr5	5	931723	935658	3936	4	0.363082	0.06363	931199	932248	934564	936753
170 NA19240	[2515685 chr5	5	948969	953016	4048	13	-0.423654	0.030383	948182	949756	952851	953182
171 NA19240	[2515685 chr5	5	1122995	1126517	3523	38	0.544173	0.01881	1122772	1123219	1126389	1126646
172 NA19240	[2515685 chr5	5	1223248	1223930	683	5	0.37887	0.053427	1223057	1223439	1223854	1224007
173 NA19240	[2515685 chr5	5	17550023	17552132	2110	4	0.388948	0.063807	17549646	17550401	17551804	17552461
174 NA19240	[2515685 chr5	5	17570617	17643104	72488	331	0.532474	0.006517	17570551	17570684	17642455	17643756
175 NA19240	[2515685 chr5	5	17663728	17667407	3680	8	0.468088	0.045597	17663473	17663984	17667174	1766764
176 NA19240	[2515685 chr5	5	21483394	21488147	4754	4	-0.876915	0.074431	21480817	21485972	21487855	21488431
177 NA19240	[2515685 chr5	5	26504372	26632918	128547	2	-0.45178	0.087491	26404571	26507564	26629726	26769791
178 NA19240	[2515685 chr5	5	26831997	26835654	3658	3	-2.66099	0.14494	26829858	26834136	26835377	26835931
179 NA19240	[2515685 chr5	5	26836459	26837938	1480	2	-3.150184	0.295192	26835932	26836987	26837469	26838401
180 NA19240	[2515685 chr5	5	57359558	57369858	10301	9	2.146546	0.077148	57359213	57359904	57367789	57371921
181 NA19240	[2515685 chr5	5	61547004	61586964	39961	37	0.330743	0.023123	61546192	61547816	61586109	61587811
182 NA19240	[2515685 chr5	5	61783743	61785396	1654	3	-0.75842	0.084193	61783295	61784192	61784900	61785891
183 NA19240	[2515685 chr5	5	68865200	68948510	83311	153	0.349474	0.011075	68864770	68865630	68948219	68948801
184 NA19240	[2515685 chr5	5	69320113	69447482	127370	148	0.302535	0.009606	69319633	69320593	69446320	69448641
185 NA19240	[2515685 chr5	5	69463749	69464161	413	2	-0.571027	0.099343	69463497	69464001	69464004	69464311
186 NA19240	[2515685 chr5	5	69741138	69742254	1117	2	0.753488	0.10209	69740930	69741346	69741639	69742871
187 NA19240	[2515685 chr5	5	70195200	70447838	252639	345	0.292154	0.006723	70194720	70195680	70446675	70449001
188 NA19240	[2515685 chr5	5	70464063	70464475	413	2	-0.571027	0.099343	70463811	70464315	70464318	70464631
189 NA19240	[2515685 chr5	5	80062599	80063554	956	2	0.681182	0.104208	80062244	80062954	80063286	80063821
190 NA19240	[2515685 chr5	5	81459213	81466055	6843	2	-1.537865	0.127922	81455614	81462405	81462863	81470281
191 NA19240	[2515685 chr5	5	93928460	93931722	3263	3	-0.55584	0.090332	93927706	93929215	93931460	93931981
192 NA19240	[2515685 chr5	5	97427204	97428353	1150	2	0.990049	0.116963	97426913	97427496	97428177	97428521
193 NA19240	[2515685 chr5	5	98692416	98694362	1947	3	0.59307	0.083013	98691745	98693087	98694014	98694711
194 NA19240	[2515685 chr5	5	99409393	99419037	9645	13	-0.517823	0.041707	99408997	99409789	99418328	99419741
195 NA19240	[2515685 chr5	5	122649189	122651412	2224	3	-1.289301	0.100456	122648933	122649446	122650032	12265279
196 NA19240	[2515685 chr5	5	137835848	137844134	8287	7	0.657111	0.060362	137835611	137836085	137843310	137844951
197 NA19240	[2515685 chr5	5	140203081	140217091	14011	18	2.496846	0.061718	140202344	140203819	140216552	140217631
198 NA19240	[2515685 chr5	5	140217091	140218928	1838	2	0.99265	0.113371	140216552	140217631	140218508	14021934
199 NA19240	[2515685 chr5	5	140511984	140517184	5201	7	-0.92525	0.059642	140511547	140512422	140516955	140517411
200 NA19240	[2515685 chr5	5	150157909	150161837	3929	6	-0.779817	0.068225	150157286	150158532	150161621	150162051
201 NA19240	[2515685 chr5	5	150183322	150203144	19823	10	-0.760818	0.051651	150181427	150185218	150202838	150203451
202 NA19240	[2515685 chr5	5	165157996	165161604	3609	2	-0.75277	0.118509	165155280	165160712	165160802	165162401
203 NA19240	[2515685 chr5	5	171934884	171936441	1558	2	0.599762	0.118458	171934518	171935250	171936176	171936701
204 NA19240	[2515685 chr5	5	175391658	175393797	2140	7	-0.333004	0.061183	175391228	175392088	175393522	175394071
205 NA19240	[2515685 chr5	5	178875137	178876641	1505	2	0.544375	0.096012	178874878	178875396	178875938	178877341
206 NA19240	[2515685 chr6	6	3163	18689	15527	4	0.386567	0.068975	1	6325	15669	21709
207 NA19240	[2515685 chr6	6	201167	327656	126490	130	0.282552	0.012474	200920	201415	326993	328326
208 NA19240	[2515685 chr6	6	26847749	26853974	6226	9	0.435554	0.049898	26846249	26849250	26853770	26854171
209 NA19240	[2515685 chr6	6	29756258	29759142	2885	2	0.848304	0.121772	29756030	29756486	29757123	29761161
210 NA19240	[2515685 chr6	6	29804635	29899270	94636	7	0.356056	0.054201	29800552	29808139	29896442	29902091
211 NA19240	[2515685 chr6	6	29954251	30038916	84666	76	0.419611	0.014098	29950833	29957670	30036708	30041121
212 NA19240	[2515685 chr6	6	30051460	30068966	17507	26	0.419611	0.014098	30051232	30051688	30068538	30069391



213 NA19240	[2515685 chr6	6	32557126	32681799	124674	106	0.313838	0.011712	32556948	32557305	32680956	3268264;
214 NA19240	[2515685 chr6	6	32712337	32744343	32007	37	0.313838	0.011712	32712193	32712482	32744136	32744550
215 NA19240	[2515685 chr6	6	32763698	32766771	3074	4	-0.383506	0.070646	32763421	32763976	32766412	32767130
216 NA19240	[2515685 chr6	6	32796525	32801824	5300	7	-0.35035	0.054607	32796355	32796695	32801628	32802027
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218 NA19240	[2515685 chr6	6	35862833	35874426	11594	13	0.754295	0.04059	35862530	35863136	35873957	35874891
219 NA19240	[2515685 chr6	6	54036900	54042384	5485	5	4.043294	0.152277	54036573	54037227	54041771	54042991
220 NA19240	[2515685 chr6	6	58372782	58377266	4485	8	-0.252597	0.047105	58372711	58372853	58376979	5837755-
221 NA19240	[2515685 chr6	6	62338497	62343650	5154	2	-0.657471	0.10391	62334618	62342001	62342340	62344967
222 NA19240	[2515685 chr6	6	68551595	68555952	4358	5	-0.339864	0.066929	68551347	68551844	68555667	68556237
223 NA19240	[2515685 chr6	6	77495034	77513515	18482	12	0.722646	0.04726	77493568	77496500	77510011	77517691
224 NA19240	[2515685 chr6	6	78326767	78328478	1712	2	-0.688013	0.093547	78325974	78327560	78328067	78328880
225 NA19240	[2515685 chr6	6	78934834	78953038	18205	13	-0.829121	0.042336	78934474	78935195	78949534	78962007
226 NA19240	[2515685 chr6	6	79023318	79093263	69946	70	0.74115	0.018454	79022028	79024609	79091909	79094610
227 NA19240	[2515685 chr6	6	102041093	102046055	4963	6	-0.919897	0.066368	102040642	102041544	102045198	10204691
228 NA19240	[2515685 chr6	6	103844685	103871201	26517	17	2.400928	0.068082	103844347	103845023	103868241	10387416
229 NA19240	[2515685 chr6	6	120671191	120671916	726	2	0.858288	0.103241	120670696	120671686	120671725	12067210
230 NA19240	[2515685 chr6	6	162821530	162823040	1511	2	-0.792125	0.10364	162821109	162821951	162822743	16282333
231 NA19240	[2515685 chr6	6	168451982	168456762	4781	4	-0.577627	0.071484	168451353	168452611	168456200	16845732
232 NA19240	[2515685 chr6	6	170603879	170604666	788	2	-2.457092	0.133668	170603541	170604217	170604339	17060499
233 NA19240	[2515685 chr6	6	170625506	170627028	1523	3	1.918577	0.127865	170625015	170625997	170626579	17062747
234 NA19240	[2515685 chr7	7	10841125	1088166	4042	16	0.535677	0.036083	1083752	1084499	1087449	1088830
235 NA19240	[2515685 chr7	7	3384111	3392458	8348	8	0.835657	0.056415	3383451	3384772	3390107	3395610
236 NA19240	[2515685 chr7	7	4687170	4776122	88953	2	-0.622627	0.080729	4575528	4689521	4773771	4859830
237 NA19240	[2515685 chr7	7	14861623	14866192	4570	3	-1.040878	0.095272	14860212	14863034	14864375	14868000
238 NA19240	[2515685 chr7	7	18626912	18629955	3044	4	-0.373042	0.073563	18626529	18627295	18629529	1863038
239 NA19240	[2515685 chr7	7	19395816	19403726	7911	3	-0.685012	0.0927	19393767	19397866	19401375	1945566
240 NA19240	[2515685 chr7	7	43773800	43856045	82246	110	0.40807	0.012159	43773256	43774344	43853730	43858360
241 NA19240	[2515685 chr7	7	53223889	53225898	2010	3	-0.508821	0.084284	53223343	53224435	53225511	53226280
242 NA19240	[2515685 chr7	7	56415682	56544240	128559	4	-0.668019	0.071693	56286086	56418033	56542365	56546111
243 NA19240	[2515685 chr7	7	57693448	57724533	31086	64	0.250494	0.017738	57693264	57693633	57723811	57725250
244 NA19240	[2515685 chr7	7	63995985	64009675	13691	16	0.330191	0.037048	63995676	63996294	64009043	64010307
245 NA19240	[2515685 chr7	7	64029672	64045487	15816	45	-0.334145	0.020984	64029291	64030053	64045069	64045900
246 NA19240	[2515685 chr7	7	64464087	64479903	15817	43	-0.295352	0.021667	64463669	64464506	64479522	64480280
247 NA19240	[2515685 chr7	7	64540847	64556662	15816	45	-0.323506	0.02082	64540466	64541228	64556244	64557080
248 NA19240	[2515685 chr7	7	64690171	64725545	35375	39	0.401776	0.022711	64689761	64690582	64725209	64725880
249 NA19240	[2515685 chr7	7	66185764	66203252	17489	35	0.270235	0.019684	66185376	66186152	66202563	66203947
250 NA19240	[2515685 chr7	7	69866390	69869623	3234	4	1.126404	0.085706	69865412	69867368	69869269	69869970
251 NA19240	[2515685 chr7	7	69869623	69871056	1434	2	4.053206	0.200849	69869269	69869978	69870420	69871691
252 NA19240	[2515685 chr7	7	71775031	71786841	11811	28	0.261695	0.022825	71773381	71776681	71786776	71786900
253 NA19240	[2515685 chr7	7	71935395	71940886	5492	18	0.306134	0.025028	71935177	71935613	71940710	71941060
254 NA19240	[2515685 chr7	7	71963457	71968948	5492	17	0.303441	0.025779	71963239	71963675	71968772	71969120
255 NA19240	[2515685 chr7	7	73917034	73918196	1163	2	0.561706	0.094591	73917029	73917040	73917270	73919120
256 NA19240	[2515685 chr7	7	73965656	73966691	1036	4	0.42775	0.070375	73965279	73966033	73966513	73966870
257 NA19240	[2515685 chr7	7	74417518	74418680	1163	2	0.561705	0.094591	74416593	74418444	74418675	74418680
258 NA19240	[2515685 chr7	7	74557218	74562728	5511	19	0.300251	0.024338	74557021	74557415	74562510	74562940
259 NA19240	[2515685 chr7	7	74585259	74590751	5493	19	0.300251	0.024338	74585083	74585435	74590533	74590960
260 NA19240	[2515685 chr7	7	74613282	74618770	5489	19	0.300251	0.024338	74613106	74613458	74618552	74618980
261 NA19240	[2515685 chr7	7	74765926	74783402	17477	41	0.2546	0.019541	74765530	74766323	74782714	74784090
262 NA19240	[2515685 chr7	7	75790452	75794984	4533	5	-0.536797	0.068579	75790248	75790656	75794325	75795640
263 NA19240	[2515685 chr7	7	75800166	75817580	17415	39	0.251821	0.019165	75799479	75800854	75817188	75817970
264 NA19240	[2515685 chr7	7	76173835	76175647	1813	2	0.604829	0.101408	76173564	76174106	76174852	76176440
265 NA19240	[2515685 chr7	7	76336326	76338655	2330	4	0.592991	0.069774	76336153	76336500	76338090	76339220
266 NA19240	[2515685 chr7	7	86392789	86394206	1418	2	0.756365	0.115347	86392392	86393187	86393827	86394580
267 NA19240	[2515685 chr7	7	89455106	89456027	922	2	0.862668	0.124274	89454839	89455373	89455830	89456220

268 NA19240	[2515685 chr7	7	101575355	101591961	16607	40	0.275838	0.019141	101575283	101575428	101591559	10159236
269 NA19240	[2515685 chr7	7	101706884	101925433	218550	313	0.44601	0.006736	101690888	101709235	101924670	10192619
270 NA19240	[2515685 chr7	7	104058651	104070743	12093	11	-0.780744	0.048615	104057855	104059447	104070406	10407108
271 NA19240	[2515685 chr7	7	109034783	109046722	11940	9	2.230307	0.083709	109024063	109037134	109046491	10904695
272 NA19240	[2515685 chr7	7	109776378	109782655	6278	5	0.689768	0.074373	109775821	109776936	109782301	10978301
273 NA19240	[2515685 chr7	7	125639507	125644775	5269	6	-0.846252	0.074516	125639054	125639961	125644046	12564550
274 NA19240	[2515685 chr7	7	126108382	126124547	16166	25	-0.253274	0.028183	126107861	126108904	126124499	12612459
275 NA19240	[2515685 chr7	7	133243381	133245202	1822	2	0.811968	0.10891	133243008	133243755	133244207	13324619
276 NA19240	[2515685 chr7	7	133245202	133257360	12159	13	3.069958	0.080431	133244207	133246197	133255009	13326093
277 NA19240	[2515685 chr7	7	141495319	141505136	9818	12	-0.331054	0.039629	141494721	141495918	141504428	14150584
278 NA19240	[2515685 chr7	7	141505136	141521152	16017	19	-1.431261	0.048026	141504428	141505844	141520892	14152141
279 NA19240	[2515685 chr7	7	141521152	141526577	5426	9	-0.293478	0.043679	141520892	141521412	141526109	14152704
280 NA19240	[2515685 chr7	7	143346910	143348067	1158	4	-0.501481	0.070445	143346704	143347116	143348706	14334832
281 NA19240	[2515685 chr7	7	143472403	143473560	1158	4	-0.501482	0.070445	143472142	143472664	143473355	14347376
282 NA19240	[2515685 chr7	7	156976112	156978464	2353	2	-0.825933	0.105181	156975812	156976413	156977896	15697903
283 NA19240	[2515685 chr7	7	157023614	157027930	4317	7	0.307018	0.055499	157023242	157023987	157027451	15702840
284 NA19240	[2515685 chr7	7	158207288	158209880	2593	2	0.631547	0.11539	158206344	158208233	158209333	15821042
285 NA19240	[2515685 chr7	7	158617060	158624379	7320	6	0.751317	0.066293	158617673	158617357	158622028	15862673
286 NA19240	[2515685 chr8	8	1328256	1343509	15254	45	-0.840211	0.020971	1327688	1328824	1342795	1344224
287 NA19240	[2515685 chr8	8	2202770	2204550	1781	4	0.36182	0.06151	2202506	2203034	2203659	2205447
288 NA19240	[2515685 chr8	8	3976481	3979237	2757	2	-0.654157	0.10106	3975997	3976965	3978503	3979972
289 NA19240	[2515685 chr8	8	4110204	4112526	2323	2	2.79773	0.188536	4109692	4110717	4112031	4113022
290 NA19240	[2515685 chr8	8	5582875	5594011	11137	9	0.886132	0.047922	5582615	5583135	5592820	5595203
291 NA19240	[2515685 chr8	8	5863204	5865192	1989	2	0.598634	0.098419	5862948	5863461	5864505	5865875
292 NA19240	[2515685 chr8	8	7149385	7153299	3915	5	-0.518234	0.065343	7149228	7149542	7153193	7153405
293 NA19240	[2515685 chr8	8	7176337	7187950	11614	31	0.776546	0.027565	7176045	7176630	7187698	7188202
294 NA19240	[2515685 chr8	8	7206074	7207633	1560	4	-0.606938	0.071823	7205579	7206570	7207477	7207785
295 NA19240	[2515685 chr8	8	7223627	7262126	38500	42	-0.3654	0.022609	7223006	7224249	7261726	7262525
296 NA19240	[2515685 chr8	8	7309865	7312941	3077	8	-0.359107	0.045869	7309574	7310156	7312731	7313152
297 NA19240	[2515685 chr8	8	7316729	7362554	45826	63	-0.329181	0.018018	7316506	7316953	7362067	7363042
298 NA19240	[2515685 chr8	8	7395422	7396151	730	2	-1.239952	0.090091	7395245	7395599	7396137	7396165
299 NA19240	[2515685 chr8	8	7698324	7734206	35883	61	-0.350493	0.017985	7697837	7698812	7733955	7734457
300 NA19240	[2515685 chr8	8	7792001	7811861	19861	14	-0.359713	0.039214	7791682	7792321	7811662	7812065
301 NA19240	[2515685 chr8	8	7862281	7873897	11617	32	0.766422	0.026175	7862030	7862533	7873605	7874190
302 NA19240	[2515685 chr8	8	7896933	7898659	1727	3	-0.635888	0.078159	7896828	7897039	7897534	7899784
303 NA19240	[2515685 chr8	8	12020137	12023134	2998	4	-0.409819	0.076085	12018164	12022111	12022997	12023272
304 NA19240	[2515685 chr8	8	12023134	12035286	12153	32	0.779857	0.027242	1202297	12023272	12034973	12035599
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306 NA19240	[2515685 chr8	8	12044303	12062652	18350	31	-0.397959	0.022306	12042872	12045734	12062266	12063031
307 NA19240	[2515685 chr8	8	12072445	12072888	444	2	-0.572628	0.096478	12072267	12072623	12072625	12073151
308 NA19240	[2515685 chr8	8	12276602	12284041	7440	14	0.704937	0.037444	12276206	12276998	12283622	12284461
309 NA19240	[2515685 chr8	8	12296003	12311960	15958	26	-0.4106	0.023676	12295662	12296344	12311547	12312372
310 NA19240	[2515685 chr8	8	12321726	12322179	454	2	-0.572628	0.096478	12321548	12321904	12321906	12322451
311 NA19240	[2515685 chr8	8	14322307	14328254	5948	4	-0.389724	0.070193	14321823	14322792	14327160	14329347
312 NA19240	[2515685 chr8	8	17671955	17673956	2002	3	0.446619	0.073358	17671619	17672291	17673575	17674331
313 NA19240	[2515685 chr8	8	20022286	20024771	2486	2	-1.302968	0.13667	20021082	20023491	20024338	20025202
314 NA19240	[2515685 chr8	8	21373922	21380771	6850	7	-0.863278	0.050758	21373178	21374667	21380535	21381007
315 NA19240	[2515685 chr8	8	25028407	25046468	18062	14	-0.822409	0.039885	25027885	25028930	25046159	25046777
316 NA19240	[2515685 chr8	8	39351178	39506673	155496	162	0.710533	0.012379	39350826	39351530	39505284	39508061
317 NA19240	[2515685 chr8	8	49081430	49084499	3070	2	-0.624996	0.106821	49079497	49083364	49084089	49084911
318 NA19240	[2515685 chr8	8	54001807	54002677	871	2	-0.981126	0.110232	54001673	54001942	54002470	54002881
319 NA19240	[2515685 chr8	8	58278355	58287850	9496	8	0.94305	0.047944	58277116	58279595	58287616	58288081
320 NA19240	[2515685 chr8	8	58287850	58296106	8257	9	0.328994	0.047328	58287616	58288084	58295669	58296541
321 NA19240	[2515685 chr8	8	61158998	61170245	11248	15	-0.774545	0.039573	61158589	61159407	61170054	61170431
322 NA19240	[2515685 chr8	8	86742169	86910255	168087	98	0.6673	0.011676	86741757	86742581	86910002	86910505

323 NA19240	[2515685 chr8	8	102689939	102695510	5572	5	-0.849825	0.068618	102689349	102690530	102694979	10269604
324 NA19240	[2515685 chr8	8	115148105	115149916	1812	2	-0.874358	0.122704	115147694	115148517	115149348	11515048
325 NA19240	[2515685 chr8	8	120089066	120093850	4785	3	-0.799473	0.090804	120088183	120089950	120091092	12009873
326 NA19240	[2515685 chr8	8	120222656	120229952	7297	6	0.752878	0.061911	120218251	120225414	120229434	12023047
327 NA19240	[2515685 chr9	9	310045	312573	2529	61	-0.811495	0.01662	309952	310139	312740	312740
328 NA19240	[2515685 chr9	9	505204	518415	13212	11	-0.876246	0.051797	504417	505991	516633	520198
329 NA19240	[2515685 chr9	9	632102	637922	5821	7	-1.694191	0.070111	631710	632495	637447	638398
330 NA19240	[2515685 chr9	9	38899810	38900502	693	2	0.719297	0.096024	38899653	38899968	38899981	3890102
331 NA19240	[2515685 chr9	9	39017383	39048612	31230	49	-0.396111	0.019741	39017085	39017681	39048196	3904902
332 NA19240	[2515685 chr9	9	39813768	39815652	1885	3	-0.561859	0.075897	39813502	39814035	39814733	3981657
333 NA19240	[2515685 chr9	9	40054064	40086216	32153	38	-0.408713	0.02207	40053762	40054366	40085706	4008672
334 NA19240	[2515685 chr9	9	40770208	40770735	528	2	-0.639529	0.093378	40769961	40770456	40770491	4077097
335 NA19240	[2515685 chr9	9	41049812	41132490	82679	56	-0.286459	0.018254	41049110	41050515	41132444	4113253
336 NA19240	[2515685 chr9	9	41193344	41199633	6290	5	0.57114	0.067671	41193015	41193673	41199476	4119979
337 NA19240	[2515685 chr9	9	41649237	41651122	1886	3	-0.56186	0.075897	41648318	41650157	41650855	4165138
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340 NA19240	[2515685 chr9	9	42645007	42646038	1032	2	-0.505991	0.083745	42644851	42645163	42645769	4264630
341 NA19240	[2515685 chr9	9	42669198	42670938	1741	2	-0.49729	0.073814	42668921	42669475	42670652	4267122
342 NA19240	[2515685 chr9	9	42732181	42734581	2401	2	-0.501593	0.073813	42731862	42732501	42733955	4273520
343 NA19240	[2515685 chr9	9	42754727	42756705	1979	3	-0.719005	0.068887	42754385	42755070	42755767	4275764
344 NA19240	[2515685 chr9	9	42789875	42791615	1741	2	-0.49729	0.073814	42789598	42790152	42791329	4279190
345 NA19240	[2515685 chr9	9	42852857	42855257	2401	2	-0.501597	0.073814	42852538	42853177	42854631	4285588
346 NA19240	[2515685 chr9	9	42875403	42877381	1979	3	-0.719007	0.068887	42875061	42875746	42876443	4287832
347 NA19240	[2515685 chr9	9	43065211	43066832	1622	2	-0.940423	0.108178	43064261	43066162	43066646	4306701
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354 NA19240	[2515685 chr9	9	43812830	43814560	1731	5	-0.439462	0.067087	43812736	43812924	43814465	4381465
355 NA19240	[2515685 chr9	9	44083773	44085502	1730	3	-0.525915	0.065012	44083617	44083930	44084777	4408622
356 NA19240	[2515685 chr9	9	44683388	44684689	1302	2	-0.491191	0.082184	44683188	44683589	44684573	4468480
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362 NA19240	[2515685 chr9	9	83676560	83678433	1874	2	-0.665571	0.11345	83676131	83676990	83677891	8367897
363 NA19240	[2515685 chr9	9	112902065	112932269	30205	42	0.44683	0.017413	112901557	112902574	112932121	11293291
364 NA19240	[2515685 chr10	10	4279984	4282023	2040	2	1.707186	0.154081	4279599	4280370	4281521	428252
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374 NA19240	[2515685 chr10	10	46203384	46203870	487	2	-0.821187	0.105534	46203103	46203665	46203731	4620401
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384 NA19240	[2515685 chr10	10	47230731	47231502	772	2	-0.636895	0.080932	47230574	47230889	47231201	4723180:
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388 NA19240	[2515685 chr10	10	47788401	47790975	2575	6	-0.468814	0.053571	47788395	47788408	47790945	4779100:
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390 NA19240	[2515685 chr10	10	47817871	47820294	2424	8	-0.432075	0.051665	47817785	47817958	47820036	4782055:
391 NA19240	[2515685 chr10	10	47881201	47882889	1689	4	-0.453338	0.060225	47881184	47881219	47882645	4788313:
392 NA19240	[2515685 chr10	10	47889059	47889830	772	2	-0.636895	0.080932	47888902	47889217	47889529	4789013:
393 NA19240	[2515685 chr10	10	48499011	48516837	17827	28	-0.386328	0.022194	48498672	48499351	48516285	4851739:
394 NA19240	[2515685 chr10	10	48558524	48560613	2090	10	-0.469501	0.043327	48558257	48558791	48560472	4856075:
395 NA19240	[2515685 chr10	10	48574881	48581856	6976	17	-0.35743	0.031005	48574098	48575665	48581487	4858222:
396 NA19240	[2515685 chr10	10	48587057	48597050	9994	24	-0.382787	0.025823	48586817	48587297	48594300	4860023:
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400 NA19240	[2515685 chr10	10	51305335	51306461	1127	3	0.470537	0.092011	51305028	51305642	51306228	5130669:
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404 NA19240	[2515685 chr10	10	58879708	58882015	2308	5	-3.383784	0.140681	58879568	58879849	58881863	5888216:
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408 NA19240	[2515685 chr10	10	89144692	89179229	34538	52	-0.327051	0.019217	89144420	89144965	89178871	8917958:
409 NA19240	[2515685 chr10	10	124331349	124348266	16918	17	0.312949	0.032336	124330248	124332451	124348238	12434829:
410 NA19240	[2515685 chr10	10	134168766	134170259	1494	17	-1.385627	0.046293	134168524	134169008	134170027	13417042:
411 NA19240	[2515685 chr10	10	135365507	135389814	24308	21	-0.394425	0.023454	135364999	135366016	135387500	13539212:
412 NA19240	[2515685 chr11	11	2840307	2842410	2104	3	-0.986013	0.09555	2839959	2840656	2841856	284296:
413 NA19240	[2515685 chr11	11	2999679	3174862	175184	3	-0.449509	0.077643	2949255	3002762	3173264	317646:
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419 NA19240	[2515685 chr11	11	5830457	5843035	12579	12	-2.432267	0.07029	5828206	5832709	5839952	584917:
420 NA19240	[2515685 chr11	11	8911974	8914660	2687	2	0.483606	0.096249	8911525	8912424	8913646	891567:
421 NA19240	[2515685 chr11	11	11831868	11833089	1222	2	0.932562	0.111007	11831412	11832324	11832853	1183332:
422 NA19240	[2515685 chr11	11	18903450	18923022	19573	30	0.423863	0.026481	18897800	18906533	18919939	1892845:
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428 NA19240	[2515685 chr11	11	73812690	73818580	5891	4	-0.435787	0.077671	73812400	73812981	73818213	7381894:
429 NA19240	[2515685 chr11	11	74210297	74211394	1098	2	0.561002	0.101958	74209985	74210609	74211068	7421172:
430 NA19240	[2515685 chr11	11	88266938	88303948	37011	39	0.281165	0.023957	88266424	88267453	88303762	8830413:
431 NA19240	[2515685 chr11	11	89184898	89189792	4895	5	0.551753	0.078845	89184243	89185554	89189177	8919040:
432 NA19240	[2515685 chr11	11	98617439	98624223	6785	6	-0.390614	0.063342	98617056	98617823	98623108	9862533:

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434 NA19240	[2515685 chr11	11	106744846	106751054	6209	9	-0.921654	0.056436	106744561	106745131	106747971	10675483
435 NA19240	[2515685 chr11	11	134107699	134112290	4592	5	0.792101	0.07017	134106591	134108808	134111845	13411273
436 NA19240	[2515685 chr12	12	736840	744802	7963	9	0.818918	0.049585	736616	737064	744211	745394
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449 NA19240	[2515685 chr12	12	34099919	34108168	8250	12	-1.674524	0.059014	34099639	34100199	34107972	34108360
450 NA19240	[2515685 chr12	12	37034688	37042251	7564	10	-0.343368	0.048556	37034587	37034789	37041755	37042740
451 NA19240	[2515685 chr12	12	38614834	38616770	1937	2	0.687454	0.110529	38614179	38615489	38616336	38617200
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459 NA19240	[2515685 chr12	12	130798727	130802870	4144	5	-0.794299	0.062551	130798268	130799187	130801345	13080439
460 NA19240	[2515685 chr12	12	132329408	132354689	25282	22	0.509761	0.030559	132327728	132331088	132353825	13235555
461 NA19240	[2515685 chr13	13	18353090	18361407	8318	10	0.271688	0.047987	18352500	18353681	18361149	18361660
462 NA19240	[2515685 chr13	13	25947233	25950398	3166	3	3.850159	0.173882	25946194	25948272	25949415	25951380
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465 NA19240	[2515685 chr13	13	56611711	56645734	34024	47	0.704466	0.015326	56610946	56612477	56645321	56646140
466 NA19240	[2515685 chr13	13	56653890	56686136	32247	30	-2.989777	0.049651	56650401	56657380	56685381	56686890
467 NA19240	[2515685 chr13	13	69633905	69673289	39385	42	0.805192	0.02418	69633412	69634399	69672985	69673590
468 NA19240	[2515685 chr13	13	109215660	109217089	1430	5	0.392656	0.061406	109215230	109216090	109216885	10921729
469 NA19240	[2515685 chr13	13	112581812	112584892	3081	4	0.39731	0.075451	112581214	112582411	112584628	11258515
470 NA19240	[2515685 chr13	13	113079647	113086821	7175	3	0.728817	0.082913	113078890	113080404	113082138	11309434
471 NA19240	[2515685 chr14	14	18527136	18542743	15608	7	-1.282395	0.062577	18526373	18527899	18541619	18543860
472 NA19240	[2515685 chr14	14	18577981	18666040	88060	148	-0.258801	0.011301	18577779	18578183	18665967	18666110
473 NA19240	[2515685 chr14	14	18873416	18874587	1172	3	0.394921	0.075132	18873128	18873704	18874433	18874740
474 NA19240	[2515685 chr14	14	19050364	19135482	85119	139	-0.255034	0.011568	19049791	19050938	19135280	19135680
475 NA19240	[2515685 chr14	14	19247875	19249086	1212	4	0.352855	0.062907	19247548	19248203	19248932	19249240
476 NA19240	[2515685 chr14	14	19254367	19494842	240476	222	0.325075	0.00963	19254200	19254535	19494444	19495240
477 NA19240	[2515685 chr14	14	20419771	20485011	65241	65	-0.638284	0.018571	20418783	20420760	20484687	20485330
478 NA19240	[2515685 chr14	14	32022775	32026140	3366	2	-0.932471	0.132864	32022274	32023276	32023749	32028530
479 NA19240	[2515685 chr14	14	69086774	69092832	6059	6	-0.866799	0.058391	69086153	69087395	69092239	69093420
480 NA19240	[2515685 chr14	14	73052083	73053781	1699	2	-0.492667	0.083535	73051714	73052452	73052927	73054630
481 NA19240	[2515685 chr14	14	73074647	73084642	9996	11	-0.398811	0.050666	73073800	73075495	73083193	73086090
482 NA19240	[2515685 chr14	14	73106064	73110687	4624	3	0.601096	0.081543	73105752	73106376	73110054	73111320
483 NA19240	[2515685 chr15	15	18457915	20094952	1637038	1887	0.414112	0.00311	18457619	18458212	20092648	20197780
484 NA19240	[2515685 chr15	15	20299474	20300331	858	4	0.476717	0.062307	20299304	20299644	20300152	20300510
485 NA19240	[2515685 chr15	15	20367533	20383831	16299	18	-0.358559	0.031193	20367145	20367922	20383079	20384580
486 NA19240	[2515685 chr15	15	20853726	21155274	301549	473	0.260269	0.005659	20852984	20854468	21155028	21155520
487 NA19240	[2515685 chr15	15	21606753	21614602	7850	7	0.748304	0.064424	21606459	21607047	21612298	21636690

488 NA19240	[2515685 chr15	15	24986053	24992250	6198	7	0.874465	0.061877	24985426	24986680	24991680	24992820
489 NA19240	[2515685 chr15	15	26122736	26158825	36090	72	0.274651	0.016082	26122560	26122913	26158403	26159247
490 NA19240	[2515685 chr15	15	26203426	26240188	36763	48	0.302345	0.020146	26200607	26205730	26239327	26241049
491 NA19240	[2515685 chr15	15	26263621	26264479	859	5	0.480259	0.053564	26263442	26263801	26264309	26264649
492 NA19240	[2515685 chr15	15	26610077	26610934	858	5	0.480266	0.053564	26609907	26610247	26610755	26611111
493 NA19240	[2515685 chr15	15	26634490	26698406	63917	121	0.352844	0.01216	26634296	26634685	26698391	26698421
494 NA19240	[2515685 chr15	15	26701674	26709234	7561	20	0.311198	0.029506	26701600	26701748	26708487	26709987
495 NA19240	[2515685 chr15	15	27133610	27134889	1280	4	0.458954	0.074124	27133306	27133914	27134660	27135111
496 NA19240	[2515685 chr15	15	30296241	30304775	8535	5	0.565504	0.061565	30295664	30296819	30302471	30308721
497 NA19240	[2515685 chr15	15	32461224	32656877	195654	200	0.345251	0.009281	32460923	32461525	32656150	32657601
498 NA19240	[2515685 chr15	15	41649722	41651718	1997	3	-0.557318	0.06064	41649486	41649959	41651326	41652111
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500 NA19240	[2515685 chr15	15	41698345	41739774	41430	38	-0.535533	0.023999	41698259	41698432	41739336	41740211
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502 NA19240	[2515685 chr15	15	42919433	42933036	13604	21	-0.459326	0.033245	42919264	42919602	42932699	42933371
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505 NA19240	[2515685 chr15	15	72153849	72167749	13901	24	-0.250846	0.026283	72153527	72154172	72167598	72167901
506 NA19240	[2515685 chr15	15	82869847	82893636	23790	8	-0.270917	0.051703	82860467	82872151	82892955	82894311
507 NA19240	[2515685 chr15	15	98234084	98240716	6633	8	0.81774	0.056358	98233842	98234327	98239350	98242081
508 NA19240	[2515685 chr15	15	99806273	99808092	1820	3	0.502582	0.088205	99805943	99806604	99808725	99808361
509 NA19240	[2515685 chr15	15	100109640	100122682	13043	98	0.470454	0.011563	100108905	100110376	100122315	100123051
510 NA19240	[2515685 chr15	15	100280652	100309150	28499	12	0.399534	0.041721	100279866	100281439	100307499	100310801
511 NA19240	[2515685 chr16	16	16364956	16369296	4341	12	0.342611	0.043175	16364757	16365156	16368912	16369681
512 NA19240	[2515685 chr16	16	16633469	16639120	5652	4	0.523231	0.074473	16632502	16634437	16638386	16639851
513 NA19240	[2515685 chr16	16	20419891	20441474	21584	24	-0.748359	0.032391	20419728	20420055	20441310	20441631
514 NA19240	[2515685 chr16	16	22555361	22618743	63383	56	0.348677	0.019534	22554963	22555760	22617181	22620301
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529 NA19240	[2515685 chr16	16	70647868	70671691	23824	16	0.592367	0.038345	70647656	70648081	70669810	70675821
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534 NA19240	[2515685 chr17	17	966845	969578	2734	21	0.474234	0.033989	966537	967154	969378	969775
535 NA19240	[2515685 chr17	17	16662933	16665630	2698	5	-1.076496	0.07408	16662626	16663241	16665353	16665901
536 NA19240	[2515685 chr17	17	18260404	18263581	3178	5	0.394133	0.065663	18259767	18261042	18262481	18264681
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538 NA19240	[2515685 chr17	17	20286198	20335856	49659	80	0.449834	0.016293	20286103	20286294	20335559	20336151
539 NA19240	[2515685 chr17	17	20368693	20371943	3251	7	0.431458	0.054627	20367677	20369709	20371308	20372571
540 NA19240	[2515685 chr17	17	20542355	20546522	4168	7	0.441106	0.053995	20542273	20542438	20545554	20547491
541 NA19240	[2515685 chr17	17	20571353	20578410	7058	6	0.587921	0.061854	20571124	20571582	20577452	20579361
542 NA19240	[2515685 chr17	17	20644041	20648732	4692	4	0.631892	0.073431	20643647	20644435	20647744	20649721

543 NA19240	[2515685 chr17	17	21945626	21951091	5466	9	-0.45746	0.047016	21945338	21945915	21950751	21951437
544 NA19240	[2515685 chr17	17	22130286	22142918	12633	32	0.258504	0.025958	22129948	22130624	22142541	22143291
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556 NA19240	[2515685 chr17	17	36785682	36793113	7432	8	0.56019	0.056809	36785202	36786162	36792578	36793641
557 NA19240	[2515685 chr17	17	36993884	36995674	1791	2	-1.459845	0.111774	36993311	36994458	36995333	36996011
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560 NA19240	[2515685 chr17	17	41006614	41018715	12102	15	-0.300976	0.037831	41006215	41007013	41018308	41019121
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563 NA19240	[2515685 chr17	17	41789182	41921615	132434	130	0.306902	0.010139	41788428	41789936	41920590	41922641
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570 NA19240	[2515685 chr17	17	55457020	55459798	2779	3	0.513628	0.081224	55456371	55457669	55459168	55460421
571 NA19240	[2515685 chr17	17	55529573	55543551	13979	2	1.005068	0.112865	55527911	55531236	55542674	55544421
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574 NA19240	[2515685 chr17	17	57681793	57709501	27709	58	0.529809	0.014457	57680114	57683473	57709158	57709841
575 NA19240	[2515685 chr17	17	60346613	60349141	2529	2	-0.597244	0.112334	60345268	60347958	60348751	60349531
576 NA19240	[2515685 chr17	17	75019369	75020755	1387	3	-0.316759	0.061597	75019115	75019623	75020523	75020981
577 NA19240	[2515685 chr17	17	75223639	75225100	1462	4	-0.309642	0.053948	75223385	75223893	75224893	75225301
578 NA19240	[2515685 chr17	17	75294896	75304766	9871	3	0.5101	0.078799	75294537	75295256	75303042	75306491
579 NA19240	[2515685 chr18	18	6902997	6904611	1615	2	-0.742431	0.117865	6902443	6903552	6904056	6905161
580 NA19240	[2515685 chr18	18	9805250	9806206	957	2	-0.704739	0.107852	9804637	9805863	9806038	9806371
581 NA19240	[2515685 chr18	18	12386896	12388854	1959	2	0.500409	0.087761	12386442	12387350	12388203	12389501
582 NA19240	[2515685 chr18	18	14436665	14448341	11677	11	0.398923	0.042224	14436193	14437138	14448299	14448381
583 NA19240	[2515685 chr18	18	14477405	14493376	15972	27	0.320451	0.026583	14477130	14477681	14493125	14493621
584 NA19240	[2515685 chr18	18	28142218	28143399	1182	2	0.73072	0.119317	28141854	28142583	28143055	28143741
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586 NA19240	[2515685 chr18	18	42791944	42815379	23436	23	0.732511	0.028035	42749992	42796523	42810800	42889151
587 NA19240	[2515685 chr18	18	61917747	61920171	2425	4	2.999477	0.138576	61917522	61917973	61919646	61920691
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589 NA19240	[2515685 chr18	18	74231104	74234275	3172	30	0.574163	0.019419	74230952	74231256	74234139	74234411
590 NA19240	[2515685 chr18	18	74297715	74299391	1677	5	-0.697177	0.066697	74297243	74298187	74299167	74299611
591 NA19240	[2515685 chr18	18	74392800	74398225	5426	4	0.667635	0.075998	74390826	74394774	74397790	74398661
592 NA19240	[2515685 chr19	19	291166	75792	46627	25	0.400539	0.028018	28916	29416	73262	79306
593 NA19240	[2515685 chr19	19	310414	314479	4066	15	-0.678255	0.038544	309687	311142	312994	315964
594 NA19240	[2515685 chr19	19	331568	333129	1562	2	1.818713	0.121372	331314	331822	332310	333948
595 NA19240	[2515685 chr19	19	22931047	22934541	3495	2	0.688862	0.10516	22918199	22933577	22934109	22934971
596 NA19240	[2515685 chr19	19	23007901	23014812	6912	7	0.621113	0.0604	22990964	23010431	23014157	23015461
597 NA19240	[2515685 chr19	19	23166066	23171357	5292	6	0.546373	0.061773	23165304	23166829	23170729	23171981

598 NA19240	[2515685 chr19	19	23227558	23230759	3202	4	-0.365711	0.072259	23226708	23228409	23229991	23231527
599 NA19240	[2515685 chr19	19	23257205	23258538	1334	2	-0.950902	0.1212	23256882	23257529	23258213	23258866
600 NA19240	[2515685 chr19	19	24147959	24148730	772	3	-0.672661	0.086628	24147835	24148083	24148193	24149267
601 NA19240	[2515685 chr19	19	38163201	38168256	5056	2	0.592672	0.111968	38161563	38164840	38165726	38244831
602 NA19240	[2515685 chr19	19	39419234	39422498	3265	5	0.562576	0.070313	39418853	39419616	39421681	39423311
603 NA19240	[2515685 chr19	19	41450184	41493615	43432	28	0.718659	0.024015	41421528	41452714	41491085	41497851
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605 NA19240	[2515685 chr19	19	58016218	58049937	33720	31	0.314138	0.026002	58016032	58016405	58048790	58051081
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614 NA19240	[2515685 chr20	20	366392	369029	2638	2	0.540485	0.099723	366139	366645	368098	369960
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626 NA19240	[2515685 chr22	22	14623546	14707943	84398	137	-0.251355	0.011739	14623378	14623714	14707767	14708121
627 NA19240	[2515685 chr22	22	17032140	17129692	97553	147	-0.309437	0.011036	17031480	17032801	17129458	17129921
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1 NA19007	[2515685 chr1	1	44985	59097	14113	25	0.342766	0.029083	44260	45710	58755	59440
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4 NA19007	[2515685 chr1	1	1853012	1854645	1634	2	0.465573	0.089426	1852616	1853409	1853816	1855471
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8 NA19007	[2515685 chr1	1	13185381	13198410	13030	14	0.280711	0.028683	13178206	13188653	13198244	13198571
9 NA19007	[2515685 chr1	1	13349425	13387463	38039	76	0.257605	0.013409	13301339	13352697	13387396	13387531
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11 NA19007	[2515685 chr1	1	16604440	16946620	342181	442	0.250142	0.006574	16604025	16604856	16945727	16947511



12 NA19007	[2515685 chr1	1	22055126	22087301	32176	21	-0.356198	0.030504	22054832	22055421	22085966	22088637
13 NA19007	[2515685 chr1	1	25330950	25409968	79019	78	0.384298	0.016265	25330662	25331238	25409763	25410177
14 NA19007	[2515685 chr1	1	25434181	25487482	53302	27	0.297382	0.027917	25433990	25434373	25484210	25512937
15 NA19007	[2515685 chr1	1	34744723	34749222	4500	2	-0.582235	0.107217	34743552	34745895	34748292	34750157
16 NA19007	[2515685 chr1	1	72478372	72524180	45809	36	-3.374235	0.049473	72478140	72478604	72523661	72524701
17 NA19007	[2515685 chr1	1	86112825	86116608	3784	5	-0.864236	0.073518	86112582	86113069	86113649	86116867
18 NA19007	[2515685 chr1	1	89188117	89190762	2646	5	1.69618	0.096284	89187764	89188470	89190458	89191067
19 NA19007	[2515685 chr1	1	94869509	94870854	1346	3	0.449701	0.071151	94869219	94869799	94870647	94871106
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26 NA19007	[2515685 chr1	1	108444641	108449550	4910	9	0.75348	0.050613	108443817	108445466	108449224	10844987
27 NA19007	[2515685 chr1	1	108514938	108550116	35179	53	0.401271	0.020403	108514864	108515012	108549650	10855058
28 NA19007	[2515685 chr1	1	108638096	108688767	50672	60	0.394729	0.01914	108637939	108638254	108688693	10868884
29 NA19007	[2515685 chr1	1	120244720	120342422	97703	151	0.264559	0.011559	120243262	120246178	120342303	12034254
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35 NA19007	[2515685 chr1	1	145386725	145399341	12617	29	0.319862	0.021507	145385828	145387623	145399181	14539950
36 NA19007	[2515685 chr1	1	145548753	145561369	12617	28	0.321241	0.021856	145547856	145549650	145561209	14556153
37 NA19007	[2515685 chr1	1	146331954	146341151	9198	28	0.402853	0.022255	146331906	146332002	146341146	14634115
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39 NA19007	[2515685 chr1	1	146430129	146431026	898	2	-0.523824	0.099342	146429730	146430528	146431003	14643104
40 NA19007	[2515685 chr1	1	148144685	148222098	77414	81	0.54345	0.016246	148142960	148146411	148220778	14822341
41 NA19007	[2515685 chr1	1	148998878	149000518	7041	13	-0.25797	0.030659	148998401	148999355	149004680	14900715
42 NA19007	[2515685 chr1	1	149456845	149459738	2894	5	-0.646279	0.067012	149456400	149457291	149459421	14946005
43 NA19007	[2515685 chr1	1	149573040	149583431	10392	6	0.933035	0.06852	149572621	149573460	149582912	14958395
44 NA19007	[2515685 chr1	1	171527310	171533429	6120	6	-0.846788	0.064888	171526198	171528423	171533245	17153361
45 NA19007	[2515685 chr1	1	218762650	218771442	8793	8	0.552166	0.054281	218762212	218763089	218771135	21877175
46 NA19007	[2515685 chr1	1	231219104	231264133	45030	50	0.31777	0.02075	231218806	231219402	231263654	23126461
47 NA19007	[2515685 chr1	1	236719047	236720968	1922	3	-4.018011	0.174741	236718751	236719344	236720749	23672118
48 NA19007	[2515685 chr1	1	244872415	244874098	1684	5	-0.44592	0.069683	244872245	244872585	244873799	24487439
49 NA19007	[2515685 chr2	2	296456	298925	2470	8	-0.626925	0.054297	296213	296699	298661	299185
50 NA19007	[2515685 chr2	2	388500	391649	3150	7	-0.624475	0.056828	387915	389086	391236	392063
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53 NA19007	[2515685 chr2	2	52661573	52696869	35297	26	-3.794648	0.060718	52661218	52661928	52696416	52697327
54 NA19007	[2515685 chr2	2	56563623	56567381	3759	2	3.932446	0.23583	56556559	56566577	56567035	56567721
55 NA19007	[2515685 chr2	2	66416834	66420210	3377	2	-0.85774	0.098507	66416385	66417284	66419065	66421351
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61 NA19007	[2515685 chr2	2	86854232	86939507	85276	14	0.291747	0.036614	86852646	86855818	86936553	86996011
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63 NA19007	[2515685 chr2	2	87188973	87256990	68018	66	0.306344	0.01778	87188710	87189237	87256381	87257597
64 NA19007	[2515685 chr2	2	88117636	88126839	9204	15	0.343791	0.035255	88116083	88119190	88126458	88127221
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71 NA19007	[2515685 chr2	2	108313968	108314875	908	2	0.793409	0.108872	108313664	108314272	108314680	10831507
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85 NA19007	[2515685 chr3	3	1757211	1765706	8496	2	0.750694	0.114998	1756096	1758327	1762058	179730
86 NA19007	[2515685 chr3	3	16213841	16216543	2703	2	-0.53151	0.096204	16213419	16214264	16215641	16217441
87 NA19007	[2515685 chr3	3	47798187	47807138	8952	8	0.291449	0.049999	47797874	47798501	47806226	4780805
88 NA19007	[2515685 chr3	3	50888459	50888513	55	2	0.734815	0.114033	50888445	50888474	50888495	5088853
89 NA19007	[2515685 chr3	3	61114481	61116761	2281	4	0.447092	0.08215	61114254	61114708	61116471	6111705
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91 NA19007	[2515685 chr3	3	76066312	76081451	15140	19	-0.347652	0.033213	76065787	76066838	76081180	7608172
92 NA19007	[2515685 chr3	3	89475490	89501873	26384	23	-0.930552	0.031723	89473967	89477014	89500962	8950278
93 NA19007	[2515685 chr3	3	106127289	106128660	1372	2	-0.881525	0.095786	106126821	106127758	106128182	10612913
94 NA19007	[2515685 chr3	3	141750174	141752798	2625	4	-0.458781	0.085525	141749720	141750628	141752415	14175318
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101 NA19007	[2515685 chr3	3	192547312	192554331	7020	10	0.873872	0.052047	192546950	192547674	192554127	19255453
102 NA19007	[2515685 chr3	3	196679304	196713768	34465	36	0.781266	0.020028	196677636	196680972	196711768	19671576
103 NA19007	[2515685 chr3	3	196946678	196958848	12171	10	-0.546536	0.047359	196946096	196947261	196956437	19696126
104 NA19007	[2515685 chr3	3	196994475	197002965	8491	10	0.889472	0.046283	196994054	196994896	197002044	19700388
105 NA19007	[2515685 chr3	3	198421889	198427408	5520	3	0.845685	0.088789	198421397	198422381	198423959	19843085
106 NA19007	[2515685 chr3	3	199218619	199221999	3381	12	-0.496838	0.047072	199218354	199218884	199220440	19922355
107 NA19007	[2515685 chr3	3	199313925	199321063	7139	15	-0.287701	0.029584	199313515	199314336	199320844	19932128
108 NA19007	[2515685 chr3	3	199383694	199384627	934	4	-0.575806	0.084773	199383507	199383882	199384512	19938474
109 NA19007	[2515685 chr4	4	8998173	9046719	48547	77	0.817332	0.011704	8850774	9001243	9046129	9047305
110 NA19007	[2515685 chr4	4	9795329	9796277	949	2	-0.565287	0.108385	9794973	9795685	9796054	979650
111 NA19007	[2515685 chr4	4	9812346	9813108	763	33	0.672674	0.018983	9812284	9812408	9812952	9813265
112 NA19007	[2515685 chr4	4	9887220	9911397	24178	29	2.562047	0.049371	9886886	9887555	9910388	991240
113 NA19007	[2515685 chr4	4	21045633	21053532	7900	8	-1.093176	0.058844	21045231	21046035	21053115	2105395
114 NA19007	[2515685 chr4	4	28986814	28993275	6462	7	-1.013994	0.063669	28986458	28987171	28991912	2899463
115 NA19007	[2515685 chr4	4	34604376	34650994	46619	44	0.843281	0.024203	34601994	34606759	34649535	3465245
116 NA19007	[2515685 chr4	4	49080370	49080863	494	2	-0.644792	0.103902	49079937	49080803	49080804	4908092
117 NA19007	[2515685 chr4	4	49119758	49176391	56634	193	0.454768	0.008732	49117775	49121741	49174409	4917837
118 NA19007	[2515685 chr4	4	49353231	49361409	8179	14	0.5003	0.032591	49352892	49353570	49359431	4936338
119 NA19007	[2515685 chr4	4	49400450	49400601	152	2	-0.644792	0.103902	49400386	49400515	49400516	4940068
120 NA19007	[2515685 chr4	4	58094441	58103329	8889	9	-0.811315	0.051245	58090798	58097511	58102479	5810418
121 NA19007	[2515685 chr4	4	66474954	66478728	3775	5	-0.35846	0.064576	66474942	66474966	66478106	6647935

122 NA19007	[2515685 chr4	4	70299503	70417223	117721	116	0.418528	0.013943	70299268	70299739	70416364	7041808:
123 NA19007	[2515685 chr4	4	89276475	89280414	3940	4	-0.526079	0.079577	89276106	89276844	89280092	8928073:
124 NA19007	[2515685 chr4	4	115534206	115541546	7341	9	0.878172	0.055059	115530015	115537276	115539984	11554310
125 NA19007	[2515685 chr4	4	116524394	116534652	10259	12	-0.985075	0.04517	116523990	116524798	116534384	11653492
126 NA19007	[2515685 chr4	4	122639779	122647776	7998	6	-0.884207	0.064833	122639003	122640555	122647404	12264814
127 NA19007	[2515685 chr4	4	124614626	125613431	998806	1013	0.520063	0.004677	124607299	124617696	125613132	12561373
128 NA19007	[2515685 chr4	4	138537751	138549906	12156	14	0.910458	0.043602	138537443	138538059	138547414	13855239
129 NA19007	[2515685 chr4	4	142588136	142590500	2365	4	-0.892445	0.07957	142587774	142588498	142590303	14259069
130 NA19007	[2515685 chr4	4	145240980	145245588	4609	4	-0.739244	0.084451	145240473	145241488	145245192	14524598
131 NA19007	[2515685 chr4	4	162806038	162809269	3232	3	0.967276	0.068547	162804872	162807204	162808734	16280980
132 NA19007	[2515685 chr4	4	169184442	169368370	183929	162	0.84521	0.0123	169184090	169184794	169366713	16937002
133 NA19007	[2515685 chr4	4	173799832	173807325	7494	6	-3.886784	0.145467	173799464	173800201	173804255	17381134
134 NA19007	[2515685 chr4	4	185533276	185544849	11574	12	0.903267	0.046359	185532696	185533857	185543276	18554642
135 NA19007	[2515685 chr4	4	187728494	187732907	4414	15	2.45607	0.057211	187728193	187728795	187732541	18773327:
136 NA19007	[2515685 chr4	4	188255523	188269680	14158	235	0.375662	0.008649	188255215	188255831	188269403	18826995
137 NA19007	[2515685 chr4	4	190528602	190533163	4562	21	-0.978748	0.033394	190528058	190529146	190531664	19053466
138 NA19007	[2515685 chr4	4	190934110	190936895	2786	2	0.632336	0.109632	190933886	190934335	190936455	19093733
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140 NA19007	[2515685 chr5	5	520743	521684	942	5	0.666316	0.075204	520428	521059	521427	521942
141 NA19007	[2515685 chr5	5	731032	901723	170692	157	0.40148	0.010944	730880	731185	901319	902127
142 NA19007	[2515685 chr5	5	1223248	1223930	683	5	1.528885	0.067797	1223057	1223439	1223854	1224007
143 NA19007	[2515685 chr5	5	3711017	3713468	2452	3	-1.059353	0.093406	3710011	3712024	3713223	371371:
144 NA19007	[2515685 chr5	5	5161177	5162841	1665	2	-0.935391	0.107308	5160264	5162091	5162645	516303:
145 NA19007	[2515685 chr5	5	17570617	17643104	72488	331	-0.317927	0.006128	17570551	17570684	17642455	1764375:
146 NA19007	[2515685 chr5	5	17664339	17667407	3069	7	-0.281866	0.04747	17663984	17664695	17667174	1766764:
147 NA19007	[2515685 chr5	5	19410747	19412172	1426	3	0.673477	0.083629	19410189	19411305	19411980	1941236:
148 NA19007	[2515685 chr5	5	21483394	21488147	4754	4	-0.843684	0.073295	21480817	21485972	21487855	2148843:
149 NA19007	[2515685 chr5	5	26831997	26837938	5942	6	0.74929	0.064734	26829858	26834136	26837469	2683840:
150 NA19007	[2515685 chr5	5	32295710	32297985	2276	2	-0.991341	0.113458	32295082	32296338	32296746	3229922:
151 NA19007	[2515685 chr5	5	69116586	69124778	8193	26	0.274033	0.020371	69116357	69116816	69124771	6912478:
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153 NA19007	[2515685 chr5	5	69966316	69976828	10513	31	0.260691	0.018848	69965960	69966672	69976597	6997706:
154 NA19007	[2515685 chr5	5	70145430	70309397	163968	212	0.301785	0.007732	70145132	70145729	70308614	7031018:
155 NA19007	[2515685 chr5	5	70462481	70511908	49428	99	0.278413	0.011622	70462385	70462578	70511607	7051221:
156 NA19007	[2515685 chr5	5	81459209	81466059	6851	2	-1.453899	0.121586	81455614	81462405	81462863	8147028:
157 NA19007	[2515685 chr5	5	85489493	85493711	4219	4	-0.414413	0.078546	85488846	85490140	85492888	8549453:
158 NA19007	[2515685 chr5	5	97465497	97467027	1531	3	-0.548233	0.090073	97465358	97465637	97466801	9746725:
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160 NA19007	[2515685 chr5	5	122649189	122651412	2224	3	0.69647	0.090455	122648933	122649446	122650032	12265279
161 NA19007	[2515685 chr5	5	137835178	137844134	8957	8	0.704643	0.057487	137834745	137835611	137843310	13784495
162 NA19007	[2515685 chr5	5	140194263	140195892	1630	3	0.471861	0.086557	140193978	140194548	140194581	14019597
163 NA19007	[2515685 chr5	5	140203081	140218928	15848	20	2.4873	0.057573	140202344	140203819	140218508	14021934
164 NA19007	[2515685 chr5	5	140534849	140540106	5258	5	1.053748	0.072063	140534700	140534999	140539007	14054120
165 NA19007	[2515685 chr5	5	180275137	180280231	5095	5	-0.351624	0.070273	180273651	180276623	180277035	18028376
166 NA19007	[2515685 chr5	5	180308453	180363417	54965	54	0.652255	0.020937	180308218	180308688	180363120	18036371
167 NA19007	[2515685 chr5	5	180821687	180825145	3459	5	0.348524	0.063509	180820892	180822483	180824699	18082559
168 NA19007	[2515685 chr6	6	201823	327656	125834	129	0.385457	0.012608	201415	202232	326993	328320
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170 NA19007	[2515685 chr6	6	26847749	26850078	2330	2	-0.646668	0.111088	26846249	26849250	26849750	2685040:
171 NA19007	[2515685 chr6	6	26860417	26861511	1095	2	-0.827043	0.098499	26860088	26860746	26861212	2686181:
172 NA19007	[2515685 chr6	6	29954251	30017868	63618	56	0.544542	0.020216	29950833	29957670	30017587	3001814:
173 NA19007	[2515685 chr6	6	30051460	30052527	1068	3	0.41495	0.079152	30051232	30051688	30052363	3005269:
174 NA19007	[2515685 chr6	6	31383567	31386100	2534	3	-0.966541	0.099422	31383185	31383949	31385806	3138639:
175 NA19007	[2515685 chr6	6	31497531	31515665	18135	3	-0.436277	0.085257	31497288	31497774	31515350	3151598:
176 NA19007	[2515685 chr6	6	32557802	32558865	1064	2	0.899581	0.120267	32557647	32557958	32558698	3255903:

177 NA19007	[2515685 chr6	6	32561866	32588830	26965	9	-0.535044	0.075524	32560230	32563503	32588323	32589331
178 NA19007	[2515685 chr6	6	32589957	32592537	2581	4	-0.610555	0.08399	32589338	32590576	32591896	32593171
179 NA19007	[2515685 chr6	6	32603035	32632349	29315	22	-0.506059	0.032797	32601735	32604335	32632089	32632611
180 NA19007	[2515685 chr6	6	32652938	32653862	925	2	-0.543415	0.094996	32652689	32653188	32653679	32654041
181 NA19007	[2515685 chr6	6	32657916	32659325	1410	2	-0.908251	0.150648	32657216	32658616	32658959	32659691
182 NA19007	[2515685 chr6	6	32666229	32667673	1445	3	0.626241	0.081451	32665899	32666560	32667507	32667831
183 NA19007	[2515685 chr6	6	32678696	32680751	2056	3	0.920068	0.097387	32678507	32678885	32680547	32680951
184 NA19007	[2515685 chr6	6	32702716	32705737	3022	3	-0.600877	0.073772	32702285	32703148	32704019	32707451
185 NA19007	[2515685 chr6	6	32711084	32744064	32981	38	0.413357	0.025574	32710454	32711715	32743578	32744551
186 NA19007	[2515685 chr6	6	32775535	32777812	2278	3	0.591304	0.094191	32775260	32775810	32777125	32778491
187 NA19007	[2515685 chr6	6	32799020	32800744	1725	2	0.54304	0.105941	32798752	32799289	32800576	32800911
188 NA19007	[2515685 chr6	6	35862833	35879904	17072	16	0.513019	0.036136	35862530	35863136	35879292	35880511
189 NA19007	[2515685 chr6	6	54036900	54042384	5485	5	4.710713	0.16426	54036573	54037227	54041771	54042991
190 NA19007	[2515685 chr6	6	63656044	63658372	2329	3	-0.478069	0.080182	63655444	63656644	63658061	63658681
191 NA19007	[2515685 chr6	6	66455162	66461833	6672	5	-0.858354	0.074996	66454046	66456278	66461410	66462251
192 NA19007	[2515685 chr6	6	74651062	74652350	1289	2	0.478741	0.092859	74650911	74651214	74651966	74652731
193 NA19007	[2515685 chr6	6	77495034	77513514	18481	12	0.828352	0.047285	77493568	77496500	77510011	77517691
194 NA19007	[2515685 chr6	6	79023318	79093263	69946	69	0.833648	0.018608	79022028	79024609	79091909	79094611
195 NA19007	[2515685 chr6	6	81338144	81350271	12128	11	-1.026751	0.048731	81334276	81341647	81350013	81350531
196 NA19007	[2515685 chr6	6	95345535	95349338	3804	5	-0.883156	0.073539	95345072	95345998	95348106	95350571
197 NA19007	[2515685 chr6	6	103844685	103871201	26517	16	2.954667	0.074052	103844347	103845023	103868241	10387416
198 NA19007	[2515685 chr6	6	120671191	120671916	726	2	1.010306	0.108816	120670696	120671686	120671725	12067210
199 NA19007	[2515685 chr6	6	161001907	161038394	36488	62	0.464563	0.013016	161001167	161002648	161038184	16103860
200 NA19007	[2515685 chr6	6	168453011	168456762	3752	3	0.900691	0.082064	168452611	168453411	168456200	16845732
201 NA19007	[2515685 chr6	6	169637178	169638280	1103	2	0.51462	0.096434	169636945	169637411	169638031	16963852
202 NA19007	[2515685 chr6	6	170720829	170723478	2650	11	-0.27425	0.048332	170720441	170721218	170723334	17072362
203 NA19007	[2515685 chr7	7	113212	116416	3205	14	-0.532359	0.043847	113146	113279	116290	116543
204 NA19007	[2515685 chr7	7	1084125	1086660	2536	15	0.751791	0.039602	1083752	1084499	1085871	1087441
205 NA19007	[2515685 chr7	7	3384111	3392459	8349	8	0.959668	0.057393	3383451	3384772	3390107	3395561
206 NA19007	[2515685 chr7	7	12297894	12298675	782	5	0.501752	0.069045	12297829	12297960	12298540	12298811
207 NA19007	[2515685 chr7	7	14024131	14025556	1426	5	0.354928	0.069572	14023511	14024751	14025262	14025851
208 NA19007	[2515685 chr7	7	14893490	14895008	1519	2	-0.523771	0.099629	14892978	14894003	14894576	14895441
209 NA19007	[2515685 chr7	7	16886489	17216721	330233	326	0.549916	0.008279	16886185	16886794	17216160	17217281
210 NA19007	[2515685 chr7	7	56652639	56671721	19083	9	0.325432	0.050473	56652228	56653051	56671191	56672251
211 NA19007	[2515685 chr7	7	63995985	64009675	13691	17	0.362713	0.035808	63995676	63996294	64009043	64010301
212 NA19007	[2515685 chr7	7	64438965	64455723	16759	25	-0.317363	0.024731	64438949	64438982	64455526	64455921
213 NA19007	[2515685 chr7	7	64540847	64556662	15816	45	-0.288614	0.020438	64540466	64541228	64556244	64557081
214 NA19007	[2515685 chr7	7	64565045	64581818	16774	28	-0.3215	0.023491	64564855	64565236	64581802	64581831
215 NA19007	[2515685 chr7	7	64691204	64725545	34342	38	0.441064	0.022791	64690582	64691826	64725209	64725881
216 NA19007	[2515685 chr7	7	69866390	69869623	3234	4	0.774725	0.08163	69865412	69867368	69869269	69869971
217 NA19007	[2515685 chr7	7	69869623	69871056	1434	2	3.417327	0.186172	69869269	69869978	69870420	69871691
218 NA19007	[2515685 chr7	7	72012986	72014871	1886	7	0.303103	0.045976	72012906	72013067	72014598	72015141
219 NA19007	[2515685 chr7	7	73698894	73700080	1187	3	0.411183	0.0819	73698686	73699103	73699523	73700631
220 NA19007	[2515685 chr7	7	73823396	73824682	1287	6	0.29816	0.057198	73823316	73823477	73824463	73824901
221 NA19007	[2515685 chr7	7	73965656	73966691	1036	4	0.414425	0.070631	73965279	73966033	73966513	73966871
222 NA19007	[2515685 chr7	7	74096901	74098784	1884	7	0.303103	0.045976	74096630	74097173	74098704	74098861
223 NA19007	[2515685 chr7	7	74510928	74512971	2044	8	0.299862	0.044149	74510847	74511009	74512891	74513051
224 NA19007	[2515685 chr7	7	89455601	89456632	1032	2	4.945071	0.242815	89455373	89455830	89456225	89457031
225 NA19007	[2515685 chr7	7	92971481	92976895	5415	4	0.733925	0.084396	92971060	92971903	92975569	92978221
226 NA19007	[2515685 chr7	7	99513362	99516852	3491	5	0.304609	0.053389	99513133	99513592	99514500	99524431
227 NA19007	[2515685 chr7	7	100269024	100278555	9532	12	0.25259	0.042454	100268656	100269393	100278317	10027879
228 NA19007	[2515685 chr7	7	109034782	109046722	11941	9	2.638544	0.088999	109024063	109037134	109046491	10904695
229 NA19007	[2515685 chr7	7	109776378	109782655	6278	5	0.888742	0.073992	109775821	109776936	109782301	10978301
230 NA19007	[2515685 chr7	7	125639507	125644775	5269	6	-3.159526	0.121758	125639054	125639961	125644046	12564550
231 NA19007	[2515685 chr7	7	133243381	133245202	1822	2	1.037526	0.112106	133243008	133243755	133244207	13324619

232 NA19007	[2515685 chr7	7	133245202	133257361	12160	13	3.767703	0.089939	133244207	133246197	133255009	13326093
233 NA19007	[2515685 chr7	7	141962017	141983067	21051	27	-0.787404	0.030998	141961693	141962342	141982817	14198331
234 NA19007	[2515685 chr7	7	141986865	141993247	6383	6	-0.425406	0.058721	141986289	141987442	141992651	14199384
235 NA19007	[2515685 chr7	7	143257273	143259025	1753	2	-0.664707	0.112687	143256987	143257560	143258671	14325938
236 NA19007	[2515685 chr7	7	143346673	143348067	1395	5	-0.997107	0.065454	143346643	143346704	143347806	14334832
237 NA19007	[2515685 chr7	7	143472403	143473797	1395	5	-0.997107	0.065454	143472142	143472664	143473766	14347382
238 NA19007	[2515685 chr7	7	152288920	152291875	2956	3	0.576677	0.089736	152288338	152289503	152291299	15229245
239 NA19007	[2515685 chr7	7	156939035	156942423	3389	5	-0.538897	0.059308	156938932	156939138	156941474	15694337
240 NA19007	[2515685 chr7	7	157023614	157027930	4317	7	0.349569	0.0557	157023242	157023987	157027451	15702840
241 NA19007	[2515685 chr7	7	158617060	158624380	7321	6	0.928886	0.066965	158616763	158617357	158622028	15862673
242 NA19007	[2515685 chr8	8	1328256	1343509	15254	45	-1.23136	0.022008	1327688	1328824	1342795	1344224
243 NA19007	[2515685 chr8	8	2238733	2253794	15062	10	0.828986	0.052029	2233839	2241488	2251039	2257524
244 NA19007	[2515685 chr8	8	3673707	5933395	2259689	2216	0.481398	0.003133	3673110	3674304	5930640	5938874
245 NA19007	[2515685 chr8	8	7176337	7187950	11614	33	0.718471	0.026423	7176045	7176630	7187698	7188202
246 NA19007	[2515685 chr8	8	7862281	7873897	11617	34	0.725149	0.02529	7862030	7862533	7873605	7874190
247 NA19007	[2515685 chr8	8	12023134	12034819	11686	32	0.757563	0.02719	12022997	12023272	12034665	12034972
248 NA19007	[2515685 chr8	8	12276602	12284041	7440	13	0.60316	0.03779	12276206	12276998	12283622	12284462
249 NA19007	[2515685 chr8	8	12599305	12604431	5127	6	-0.46979	0.064904	12599098	12599513	12604146	12604711
250 NA19007	[2515685 chr8	8	13604368	13607211	2844	4	-0.396036	0.075567	13604028	13604708	13606774	13607644
251 NA19007	[2515685 chr8	8	18900549	18901909	1361	2	-0.797714	0.100141	18900138	18900960	18901577	18902242
252 NA19007	[2515685 chr8	8	20022286	20024771	2486	2	-0.740156	0.12009	20021082	20023491	20024338	20025202
253 NA19007	[2515685 chr8	8	25466015	25471689	5675	4	-0.817773	0.07748	25464392	25467638	25470702	25472671
254 NA19007	[2515685 chr8	8	39351178	39506673	155496	163	0.829643	0.012417	39350826	39351530	39505284	39508062
255 NA19007	[2515685 chr8	8	58280040	58287850	7811	7	0.346834	0.044183	58279595	58280486	58287616	58288808
256 NA19007	[2515685 chr8	8	85423649	85431920	8272	7	0.925351	0.056228	85423043	85424256	85431347	85432549
257 NA19007	[2515685 chr8	8	86742169	86910255	168087	105	0.457692	0.01068	86741757	86742581	86910002	86910504
258 NA19007	[2515685 chr8	8	100705853	100708215	2363	2	-1.042884	0.12295	100705541	100706165	100706775	10070965
259 NA19007	[2515685 chr8	8	115702151	115715318	13168	12	-0.859557	0.046532	115701237	115703065	115712563	11571874
260 NA19007	[2515685 chr8	8	120222659	120229952	7294	6	0.854441	0.062799	120218251	120225414	120229434	12023047
261 NA19007	[2515685 chr8	8	135129387	135137626	8240	12	-3.889097	0.090018	135129076	135129698	135137252	13513800
262 NA19007	[2515685 chr9	9	196994	198604	1611	2	-0.498517	0.097989	196524	197465	198215	198994
263 NA19007	[2515685 chr9	9	16892231	16894575	2345	3	-0.661884	0.087385	16891921	16892542	16894273	16894871
264 NA19007	[2515685 chr9	9	33789424	33793351	3928	6	-0.460381	0.06168	33789218	33789631	33793129	33793572
265 NA19007	[2515685 chr9	9	38899810	38900502	693	2	0.550375	0.094358	38899653	38899968	38900981	38901022
266 NA19007	[2515685 chr9	9	39433591	39435379	1789	7	0.344169	0.044656	39433497	39433686	39435082	39435671
267 NA19007	[2515685 chr9	9	39643414	39655758	12345	4	0.343347	0.052262	39643207	39643621	39655071	39656441
268 NA19007	[2515685 chr9	9	39744869	39748723	3855	7	0.344169	0.044656	39744775	39744964	39746360	39797031
269 NA19007	[2515685 chr9	9	39897383	40011174	113792	123	0.303656	0.011159	39897294	39897473	40011032	40011311
270 NA19007	[2515685 chr9	9	40491521	40562265	70745	144	0.312321	0.010374	40491324	40491719	40562176	40562351
271 NA19007	[2515685 chr9	9	40730670	40736193	5524	8	0.335966	0.045848	40730592	40730749	40735341	40737041
272 NA19007	[2515685 chr9	9	41198940	41199633	694	2	0.550377	0.094358	41198419	41199462	41199476	41199791
273 NA19007	[2515685 chr9	9	41505659	41567517	61859	123	0.294167	0.010991	41505565	41505754	41567428	41567602
274 NA19007	[2515685 chr9	9	42024122	42029645	5524	8	0.335966	0.045848	42023271	42024974	42029567	42029722
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281 NA19007	[2515685 chr9	9	43807800	43822779	14980	25	0.300805	0.027807	43807212	43808388	43822645	43822912
282 NA19007	[2515685 chr9	9	66011368	66012061	694	2	0.550377	0.094358	66010847	66011890	66011904	66012212
283 NA19007	[2515685 chr9	9	68200977	68201915	939	2	0.651472	0.093419	68200578	68201376	68201730	68202102
284 NA19007	[2515685 chr9	9	81553104	81555243	2140	2	1.075201	0.111035	81552817	81553392	81553888	81556591
285 NA19007	[2515685 chr9	9	84052814	84144720	91907	2	-0.705507	0.103204	83978854	84055177	84142357	84248692
286 NA19007	[2515685 chr9	9	87615991	87618356	2366	3	0.468187	0.085551	87615588	87616394	87617958	87618752

287 NA19007	[2515685 chr9	9	112898696	112932269	33574	46	0.295172	0.015841	112898222	112899170	112931621	112932917
288 NA19007	[2515685 chr9	9	135438418	135444067	5650	2	4.459175	0.20025	135383632	135440781	135443016	135445111
289 NA19007	[2515685 chr9	9	138397327	138399638	2312	12	-0.500298	0.04707	138397201	138397454	138399572	13839970
290 NA19007	[2515685 chr10	10	3153885	3156214	2330	3	-0.552678	0.074769	3153427	3154343	3155871	3156558
291 NA19007	[2515685 chr10	10	6693908	6705054	11147	10	0.792464	0.048717	6692231	6695585	6704634	6705474
292 NA19007	[2515685 chr10	10	19788068	19790461	2394	3	-0.413803	0.076878	19787726	19788411	19789952	19790971
293 NA19007	[2515685 chr10	10	20036833	20038315	1483	2	-2.904464	0.177406	20036464	20037202	20038007	2003862
294 NA19007	[2515685 chr10	10	37487278	37527970	40693	62	-0.266792	0.014586	37486985	37487572	37527566	3752837
295 NA19007	[2515685 chr10	10	45507742	45517699	9958	23	-0.299161	0.02537	45507577	45507908	45517390	4551800
296 NA19007	[2515685 chr10	10	45625268	45627174	1907	2	-1.045299	0.08956	45625050	45625486	45626243	4562810
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326 NA19007	[2515685 chr10	10	51576702	51585884	9183	12	0.331819	0.042477	51576024	51577380	51583991	5158777
327 NA19007	[2515685 chr10	10	56117212	56139275	22064	20	-0.968625	0.034602	56115764	56118661	56138931	5613961
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334 NA19007	[2515685 chr10	10	133579899	133584218	4320	12	-0.544957	0.041497	133579611	133580188	133583877	13358456
335 NA19007	[2515685 chr10	10	134933493	134935385	1893	2	0.584431	0.095076	134933044	134933943	134934910	13493586
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337 NA19007	[2515685 chr11	11	3628748	3632795	4048	6	-0.590858	0.063387	3625722	3631775	3632594	363299
338 NA19007	[2515685 chr11	11	4268999	4269819	821	2	0.723145	0.102183	4268986	4269013	4269813	426982
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356 NA19007	[2515685 chr11	11	113977904	114010847	32944	47	0.326005	0.02107	113976911	113978897	114007762	11401698
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358 NA19007	[2515685 chr12	12	300666	302505	1840	2	0.569368	0.097469	300400	300933	301926	303084
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365 NA19007	[2515685 chr12	12	10472497	10491895	19399	14	-0.467326	0.040961	10472016	10472979	10488400	10553941
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367 NA19007	[2515685 chr12	12	20921232	20922047	816	2	0.486721	0.093332	20920993	20921472	20921878	20922211
368 NA19007	[2515685 chr12	12	31157023	31244780	87758	82	0.454715	0.016249	31156773	31157274	31244217	31245341
369 NA19007	[2515685 chr12	12	57004588	57020201	15614	8	0.36664	0.053493	57004218	57004958	57019624	57020771
370 NA19007	[2515685 chr12	12	70475445	70476812	1368	2	-3.839863	0.227368	70475180	70475711	70476524	70477101
371 NA19007	[2515685 chr12	12	78656134	78665261	9128	9	-0.639387	0.051389	78654687	78657582	78664736	78665781
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373 NA19007	[2515685 chr12	12	126009950	126112215	102266	3	-0.738868	0.079958	125852405	126013445	126110107	12611432
374 NA19007	[2515685 chr12	12	128601598	128602937	1340	2	-1.005583	0.101768	128601341	128601856	128602454	12860342
375 NA19007	[2515685 chr12	12	128945204	128946959	1756	2	-0.454421	0.08807	128944824	128945584	128946612	12894730
376 NA19007	[2515685 chr12	12	130257877	130259876	2000	3	-0.44694	0.073675	130257493	130258262	130259649	13026010
377 NA19007	[2515685 chr12	12	130777013	130778340	1328	2	-0.571102	0.098722	130776667	130777359	130778020	13077866
378 NA19007	[2515685 chr12	12	130798727	130801060	2334	4	-0.959185	0.075381	130798268	130799187	130800776	13080134
379 NA19007	[2515685 chr13	13	25947233	25950398	3166	3	4.247756	0.186526	25946194	25948272	25949415	2595138
380 NA19007	[2515685 chr13	13	69633905	69673289	39385	42	0.795277	0.023872	69633412	69634399	69672985	69673591
381 NA19007	[2515685 chr13	13	104532645	104542955	10311	10	-0.283204	0.047441	104532375	104532915	104540581	10454532
382 NA19007	[2515685 chr13	13	109215660	109217089	1430	5	0.372416	0.060766	109215230	109216090	109216885	10921729
383 NA19007	[2515685 chr13	13	110502383	110503129	747	3	-1.273684	0.105197	110502225	110502541	110502890	11050336
384 NA19007	[2515685 chr13	13	113079647	113086824	7178	3	0.799629	0.082919	113078890	113080404	113082138	11309434
385 NA19007	[2515685 chr14	14	18439491	18811577	372087	596	-0.307862	0.003579	18437497	18441485	18811367	18811781
386 NA19007	[2515685 chr14	14	18899439	19265232	365794	644	-0.307862	0.003579	18897773	18901105	19261661	19268801
387 NA19007	[2515685 chr14	14	19265232	19494842	229611	212	0.352924	0.009897	19261661	19268804	19494444	19495247
388 NA19007	[2515685 chr14	14	19619354	19625484	6131	3	3.729369	0.203902	19612261	19624114	19625018	19625951
389 NA19007	[2515685 chr14	14	23494951	23544356	49406	69	-0.259146	0.016755	23494551	23495351	23544096	23544611
390 NA19007	[2515685 chr14	14	40679041	40739449	60409	57	-0.901691	0.021238	40678078	40680005	40739212	40739681
391 NA19007	[2515685 chr14	14	40893293	40896720	3428	3	-0.518678	0.081662	40892979	40893608	40896289	40897157
392 NA19007	[2515685 chr14	14	42059344	42062997	3654	2	0.6752	0.114439	42056485	42062203	42062601	42063391
393 NA19007	[2515685 chr14	14	73052083	73053781	1699	2	-0.575211	0.083707	73051714	73052452	73052927	73054631
394 NA19007	[2515685 chr14	14	73063171	73122855	59685	54	0.475854	0.019375	73061866	73064476	73122227	73123481
395 NA19007	[2515685 chr14	14	103318735	103321606	2872	4	0.396091	0.070373	103318164	103319306	103321274	10332193
396 NA19007	[2515685 chr14	14	103404274	103405873	1600	2	0.606299	0.100209	103404003	103404545	103405508	10340623

397 NA19007	[2515685 chr15	15	18810351	18894799	84449	91	0.318987	0.015557	18810026	18810676	18894022	18895577
398 NA19007	[2515685 chr15	15	19091697	19216291	124595	158	0.343118	0.011294	19091528	19091867	19215900	19216687
399 NA19007	[2515685 chr15	15	19344811	19466745	121935	136	0.347922	0.012071	19344413	19345210	19466696	19466797
400 NA19007	[2515685 chr15	15	19761204	19795268	34065	37	0.390667	0.021155	19663241	19763507	19795095	19795444
401 NA19007	[2515685 chr15	15	19809806	19838440	28635	26	0.309602	0.028788	19807597	19812016	19836986	19839897
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404 NA19007	[2515685 chr15	15	19976034	20094951	118918	123	0.265663	0.01297	19975765	19976303	20092648	20197778
405 NA19007	[2515685 chr15	15	20952615	20953220	606	4	0.335272	0.054255	20952542	20952688	20953050	20953391
406 NA19007	[2515685 chr15	15	21050351	21119003	68653	26	0.286756	0.023204	21050342	21050361	21118833	21119177
407 NA19007	[2515685 chr15	15	21605983	21614601	8619	8	0.771466	0.058788	21605507	21606459	21612298	21636691
408 NA19007	[2515685 chr15	15	21889342	21928308	38967	49	-0.363851	0.020455	21886159	21891645	21927233	21929387
409 NA19007	[2515685 chr15	15	22057253	22087673	30421	33	-0.331418	0.024201	22057103	22057403	22086872	22088471
410 NA19007	[2515685 chr15	15	22162649	22169427	6779	8	-0.458922	0.048967	22162507	22162792	22168158	22170697
411 NA19007	[2515685 chr15	15	22203281	22204201	921	2	-0.561766	0.09139	22202730	22203833	22204093	22204311
412 NA19007	[2515685 chr15	15	22217690	22273856	56167	77	-0.649398	0.017274	22217361	22218020	22273719	22273997
413 NA19007	[2515685 chr15	15	22276370	22288771	12402	10	-0.381527	0.041451	22274561	22278179	22288675	22288867
414 NA19007	[2515685 chr15	15	24986053	24992250	6198	7	0.822943	0.061774	24985426	24986680	24991680	24992821
415 NA19007	[2515685 chr15	15	26263874	26264479	606	4	0.335272	0.054255	26263801	26263947	26264309	26264647
416 NA19007	[2515685 chr15	15	26538169	26542764	4596	11	-0.25812	0.037529	26538129	26538209	26542214	26543317
417 NA19007	[2515685 chr15	15	26610077	26610682	606	4	0.335272	0.054255	26609907	26610247	26610609	26610751
418 NA19007	[2515685 chr15	15	27133610	27134889	1280	4	0.53611	0.076559	27133306	27133914	27134660	27135111
419 NA19007	[2515685 chr15	15	27237917	27240705	2789	2	0.5577	0.107058	27237584	27238251	27240292	27241111
420 NA19007	[2515685 chr15	15	27688132	27690372	2241	3	-0.405579	0.190638	27687785	27688480	27690197	27690547
421 NA19007	[2515685 chr15	15	28182485	28199649	17165	37	-0.367631	0.020627	28182045	28182925	28198888	28200411
422 NA19007	[2515685 chr15	15	28275025	28473072	198048	279	-0.303489	0.008849	28274533	28275518	28472833	28473317
423 NA19007	[2515685 chr15	15	28503854	28592436	88583	149	-0.250374	0.011499	28503561	28504148	28592101	28592777
424 NA19007	[2515685 chr15	15	28608137	28621359	13223	24	-0.254454	0.02581	28607842	28608433	28621054	28621667
425 NA19007	[2515685 chr15	15	28652184	28668634	16451	32	-0.346453	0.021645	28651945	28652423	28667873	28669391
426 NA19007	[2515685 chr15	15	30233942	30422660	188719	263	-0.2858	0.008977	30233800	30234084	30422181	30423131
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429 NA19007	[2515685 chr15	15	32461224	32465030	3807	5	0.288916	0.046865	32460923	32461525	32464593	32465461
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431 NA19007	[2515685 chr15	15	43106834	43111174	4341	5	0.498908	0.064008	43106498	43107171	43111071	43111277
432 NA19007	[2515685 chr15	15	49408022	49410120	2099	2	-0.567331	0.102946	49406890	49409154	49409717	49410527
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434 NA19007	[2515685 chr15	15	75117585	75119946	2362	4	0.926697	0.073219	75117343	75117827	75119741	75120157
435 NA19007	[2515685 chr15	15	89720231	89721873	1643	2	-0.583352	0.111537	89719629	89720833	89721531	89722211
436 NA19007	[2515685 chr15	15	100109640	100122682	13043	98	0.723053	0.011488	100108905	100110376	100122315	100123057
437 NA19007	[2515685 chr16	16	946002	948831	2830	2	-1.053196	0.113806	945660	946345	947314	950345
438 NA19007	[2515685 chr16	16	1099605	1126932	27328	26	-0.482329	0.028776	1099252	1099958	1125050	11306147
439 NA19007	[2515685 chr16	16	2120887	2126876	5990	6	-0.285215	0.049033	2118476	2122769	2125012	2128747
440 NA19007	[2515685 chr16	16	7027447	7031849	4403	2	-0.564945	0.109327	7025772	7029122	7030616	7033082
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443 NA19007	[2515685 chr16	16	14896194	14908175	11982	30	-0.458712	0.023916	14896075	14896314	14907917	14908437
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445 NA19007	[2515685 chr16	16	14955818	15030359	74542	68	-0.567499	0.018129	14955356	14956281	15029969	15030751
446 NA19007	[2515685 chr16	16	15153813	15162276	8464	20	-0.260472	0.026166	15153776	15153776	15161494	15163051
447 NA19007	[2515685 chr16	16	16294885	16306828	11944	26	-0.421284	0.025081	16294729	16295041	16306570	16307081
448 NA19007	[2515685 chr16	16	16633469	16639120	5652	4	0.64165	0.075331	16632502	16634437	16638386	16639857
449 NA19007	[2515685 chr16	16	16703782	16704883	1102	2	-0.5441	0.090048	16702971	16704593	16704736	16705031
450 NA19007	[2515685 chr16	16	18397576	18427583	30008	72	-0.294656	0.014888	18397373	18397779	18427110	18428057
451 NA19007	[2515685 chr16	16	18574518	18575622	1105	2	-0.5441	0.090048	18574371	18574665	18574808	18576437



452 NA19007	[2515685 chr16	16	18921069	18923947	2879	2	-0.97894	0.118379	18920630	18921509	18923084	18924810
453 NA19007	[2515685 chr16	16	21321436	21323686	2251	13	0.271989	0.0293	21321333	21321540	21323533	21323831
454 NA19007	[2515685 chr16	16	21753870	21756137	2268	15	0.273176	0.026634	21753767	21753974	21755984	21756291
455 NA19007	[2515685 chr16	16	22452875	22454874	2000	13	0.273042	0.028688	22452722	22453028	22454771	22454971
456 NA19007	[2515685 chr16	16	28324617	28335549	10933	10	0.340445	0.046313	28324569	28324665	28334190	28336901
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458 NA19007	[2515685 chr16	16	28617225	28626775	9551	10	0.369738	0.047358	28615757	28618694	28625773	28627771
459 NA19007	[2515685 chr16	16	29300574	29302684	2111	11	0.269295	0.031421	29300408	29300741	29302391	29302971
460 NA19007	[2515685 chr16	16	29374376	29375932	1557	2	0.463234	0.080918	29374022	29374731	29375721	29376141
461 NA19007	[2515685 chr16	16	30142181	30144224	2044	14	0.268382	0.027445	30142078	30142285	30144043	30144401
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469 NA19007	[2515685 chr16	16	57204541	57207585	3045	3	5.820158	0.234635	57204170	57204913	57206938	57208231
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471 NA19007	[2515685 chr16	16	76928915	76942282	13368	11	0.653185	0.043207	76928609	76929221	76941602	76942961
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473 NA19007	[2515685 chr16	16	84562720	84565235	2516	11	0.595646	0.046391	84561685	84563756	84565142	84565321
474 NA19007	[2515685 chr16	16	86669849	86672366	2518	2	-4.473511	0.202515	86669288	86670411	86671217	86673511
475 NA19007	[2515685 chr16	16	88710329	88712266	1938	10	-0.550894	0.052349	88710203	88710456	88712200	88712331
476 NA19007	[2515685 chr17	17	911980	915554	3575	4	-0.796374	0.0769	911452	915413	915413	915691
477 NA19007	[2515685 chr17	17	966845	969578	2734	21	0.367721	0.034757	966537	967154	969378	969775
478 NA19007	[2515685 chr17	17	18297586	18331739	34154	47	0.288173	0.020848	18297407	18297765	18331509	18331971
479 NA19007	[2515685 chr17	17	18331739	18332345	607	2	-0.816148	0.098544	18331509	18331970	18331978	18332711
480 NA19007	[2515685 chr17	17	20299935	20300531	597	2	-0.816144	0.098544	20299568	20300303	20300311	20300751
481 NA19007	[2515685 chr17	17	20300531	20330997	30467	41	0.285232	0.021936	20300311	20300751	20309940	20332051
482 NA19007	[2515685 chr17	17	31430406	31431441	1036	2	0.418937	0.019469	31429658	31431155	31431198	31431681
483 NA19007	[2515685 chr17	17	31434845	31461078	26234	44	0.418937	0.019469	31434318	31435373	31460534	31461621
484 NA19007	[2515685 chr17	17	31531259	31578624	47366	69	0.388775	0.007377	31531038	31531480	31578609	31578641
485 NA19007	[2515685 chr17	17	31618451	31680187	61737	83	0.388775	0.007377	31618189	31618713	31680172	31680201
486 NA19007	[2515685 chr17	17	31832940	31835531	2592	9	0.25035	0.039989	31832684	31833196	31835215	31835841
487 NA19007	[2515685 chr17	17	32829500	32833231	3732	5	0.912501	0.075834	32828825	32830175	32832670	32833791
488 NA19007	[2515685 chr17	17	33308015	33311261	3247	2	0.536109	0.088973	33307576	33308455	33310958	33311561
489 NA19007	[2515685 chr17	17	33395919	33409581	13663	11	-0.394775	0.044449	33395884	33395955	33409045	33410111
490 NA19007	[2515685 chr17	17	33425145	33430792	5648	10	-0.658372	0.045771	33424532	33425759	33428591	33529291
491 NA19007	[2515685 chr17	17	33654387	33659558	5172	12	-0.657429	0.042285	33653601	33655173	33658997	33660111
492 NA19007	[2515685 chr17	17	36675530	36685343	9814	10	-0.806519	0.0488	36675011	36676049	36684647	36686041
493 NA19007	[2515685 chr17	17	42905976	42912650	6675	3	0.584671	0.110264	42905585	42906368	42911014	42914281
494 NA19007	[2515685 chr17	17	42970703	42975972	5270	11	-0.55012	0.043835	42970185	42971221	42975162	42976781
495 NA19007	[2515685 chr18	18	2172	41876	39705	11	0.346083	0.042623	1	4344	37292	58441
496 NA19007	[2515685 chr18	18	28142218	28143399	1182	2	0.693285	0.113732	28141854	28142583	28143055	28143741
497 NA19007	[2515685 chr18	18	32408046	32411286	3241	2	-0.60847	0.100308	32407624	32408469	32410546	32412021
498 NA19007	[2515685 chr18	18	42797012	42815384	18373	21	-0.267738	0.02772	42796537	42797488	42810800	42889151
499 NA19007	[2515685 chr18	18	63110008	63117706	7699	9	-0.86447	0.0536	63109644	63110373	63116010	63119401
500 NA19007	[2515685 chr18	18	64896052	64907736	11685	13	-0.891093	0.044113	64894789	64897315	64907228	64908241
501 NA19007	[2515685 chr18	18	67744542	68034487	289946	294	-0.931843	0.009392	67738923	67749126	68033107	68035861
502 NA19007	[2515685 chr18	18	74230393	74234275	3883	31	-0.762441	0.017769	74229835	74230952	74234139	74234411
503 NA19007	[2515685 chr18	18	74297715	74299391	1677	5	0.66653	0.064683	74297243	74298187	74299167	74299611
504 NA19007	[2515685 chr18	18	74373005	74379534	6530	10	0.409613	0.03485	74372064	74373947	74378860	74380201
505 NA19007	[2515685 chr18	18	74392800	74398225	5426	4	0.739677	0.075761	74390826	74394774	74397790	74398661
506 NA19007	[2515685 chr19	19	35104	64984	29881	16	0.334041	0.034659	34925	35284	64446	65522

507 NA19007	[2515685 chr19	19	310414	312953	2540	14	-0.638312	0.03819	309687	311142	312913	312994
508 NA19007	[2515685 chr19	19	331568	333129	1562	2	0.971839	0.09986	331314	331822	332310	333948
509 NA19007	[2515685 chr19	19	20388989	20510144	121156	67	-0.477552	0.018181	20388802	20389176	20509558	20510731
510 NA19007	[2515685 chr19	19	22931049	22934759	3711	3	0.797225	0.106638	22918199	22933577	22934546	22934971
511 NA19007	[2515685 chr19	19	23007903	23014812	6910	7	0.730605	0.061367	22990964	23010431	23014157	23015461
512 NA19007	[2515685 chr19	19	24146401	24146489	89	2	-0.939719	0.104649	24146490	24146412	24146475	24146501
513 NA19007	[2515685 chr19	19	39419837	39422498	2662	4	0.650667	0.080119	39419616	39420059	39421681	39423311
514 NA19007	[2515685 chr19	19	40540866	40541878	1013	3	-0.79031	0.085489	40540646	40541086	40541551	40542201
515 NA19007	[2515685 chr19	19	40543556	40545135	1580	3	-3.826367	0.18431	40543292	40543821	40544782	40545481
516 NA19007	[2515685 chr19	19	40547370	40553596	6227	2	-4.410214	0.251895	40546632	40548109	40553353	40553841
517 NA19007	[2515685 chr19	19	40553596	40554347	752	2	-0.597427	0.094302	40553353	40553840	40554020	40554671
518 NA19007	[2515685 chr19	19	41532761	41540854	8094	2	0.673362	0.110811	41532090	41533433	41538691	41543011
519 NA19007	[2515685 chr19	19	46041888	46072673	30786	35	-0.343952	0.024768	46041727	46042050	46072511	46072831
520 NA19007	[2515685 chr19	19	48409526	48455071	45546	26	-0.275713	0.028396	48408041	48411011	48454856	48455281
521 NA19007	[2515685 chr19	19	49605490	49612175	6686	7	0.325094	0.055242	49604901	49606080	49611490	49612861
522 NA19007	[2515685 chr19	19	56788987	56796263	7277	8	0.266869	0.052665	56788678	56789297	56796063	56796461
523 NA19007	[2515685 chr19	19	56824422	56827216	2795	5	-0.656897	0.064578	56824136	56824709	56826331	56828101
524 NA19007	[2515685 chr19	19	56827216	56836311	9096	7	-4.700468	0.130396	56826331	56828101	56834905	56837711
525 NA19007	[2515685 chr19	19	56836311	56838549	2239	2	-0.861637	0.10003	56834905	56837718	56838287	56838811
526 NA19007	[2515685 chr19	19	56839030	56840752	1723	3	-2.694199	0.142376	56838811	56839249	56840372	56841131
527 NA19007	[2515685 chr19	19	56840752	56841964	1213	3	-0.626505	0.077128	56840372	56841133	56841608	56842321
528 NA19007	[2515685 chr19	19	58169057	58171564	2508	2	0.655434	0.094314	58168791	58169324	58171021	58172101
529 NA19007	[2515685 chr19	19	58209430	58245460	36031	28	-0.750889	0.027815	58208997	58209863	58245024	58245891
530 NA19007	[2515685 chr19	19	59247755	59252981	5227	6	0.805255	0.063393	59246427	59249084	59252269	59253691
531 NA19007	[2515685 chr19	19	60166764	60173610	6847	3	0.54275	0.062347	60165407	60168121	60172279	60174941
532 NA19007	[2515685 chr19	19	60958920	60976029	17110	15	-0.572701	0.037869	60957933	60959907	60975748	60976311
533 NA19007	[2515685 chr20	20	1511097	1532477	21381	26	-2.578842	0.051433	1510534	1511660	1532182	1532771
534 NA19007	[2515685 chr20	20	1533575	1544060	10486	15	-0.330861	0.032045	1533384	1533766	1543588	1544531
535 NA19007	[2515685 chr20	20	15249645	15251805	2161	2	-0.892869	0.100871	15249381	15249909	15251287	15252321
536 NA19007	[2515685 chr20	20	26147697	26161501	13805	23	-0.358566	0.030185	26147451	26147944	26161227	26161771
537 NA19007	[2515685 chr20	20	45883995	45889273	5279	6	-0.269352	0.052079	45883696	45884294	45888652	45889891
538 NA19007	[2515685 chr20	20	59951513	59957050	5538	18	0.290458	0.031921	59950681	59952345	59956538	59957561
539 NA19007	[2515685 chr20	20	62066380	62068214	1835	8	1.866826	0.063733	62066146	62066615	62067671	62068751
540 NA19007	[2515685 chr21	21	22576580	22588071	11492	12	-0.936806	0.049738	22576051	22577109	22587425	22588711
541 NA19007	[2515685 chr21	21	29144838	29188360	43523	35	0.537221	0.025054	29136621	29150273	29187593	29189121
542 NA19007	[2515685 chr22	22	14480937	14747237	266301	505	-0.340513	0.005289	14480862	14481012	14746998	14747471
543 NA19007	[2515685 chr22	22	14749840	14816986	67147	117	-0.340513	0.005289	14749504	14750176	14814459	14819511
544 NA19007	[2515685 chr22	22	17032140	17135187	103048	158	-0.309821	0.010461	17031480	17032801	17134882	17135491
545 NA19007	[2515685 chr22	22	17224644	17233796	9153	22	-0.356341	0.027593	17224420	17224868	17233522	17234071
546 NA19007	[2515685 chr22	22	17385504	17397941	12438	22	-0.28476	0.031246	17385031	17385977	17397517	17398361
547 NA19007	[2515685 chr22	22	18689531	19006457	316927	313	-0.360086	0.007671	18686307	18692211	19006070	19006841
548 NA19007	[2515685 chr22	22	19380073	19419486	39414	12	-0.493311	0.043363	19377752	19382395	19416806	19449921
549 NA19007	[2515685 chr22	22	19830324	19886245	55922	82	-0.318781	0.01421	19829940	19830709	19885906	19886581
550 NA19007	[2515685 chr22	22	19977363	20042869	65507	89	-0.359998	0.007188	19977139	19977587	20042584	20043151
551 NA19007	[2515685 chr22	22	20047736	20121795	74060	118	-0.359998	0.007188	20047456	20048017	20121548	20122041
552 NA19007	[2515685 chr22	22	20137248	20243641	106394	148	-0.359998	0.007188	20136561	20137935	20240961	20302281
553 NA19007	[2515685 chr22	22	22600453	22604850	4398	2	-2.877308	0.170972	22598667	22602240	22603026	22606671
554 NA19007	[2515685 chr22	22	22683930	22690382	6453	5	-2.043056	0.103068	22681309	22686552	22690146	22690611
555 NA19007	[2515685 chr22	22	33619409	33622591	3183	4	0.94656	0.077685	33618939	33619879	33622541	33622641
556 NA19007	[2515685 chr22	22	37683358	37711759	28402	27	-0.650368	0.02784	37683063	37683653	37711022	37712491
557 NA19007	[2515685 chr22	22	41214550	41305837	91288	83	0.257129	0.014692	41213953	41215148	41305603	41306071
558 NA19007	[2515685 chr22	22	43790663	43878995	88333	3	-0.566956	0.090967	43700090	43793343	43876436	43881551
559 NA19007	[2515685 chrX	23	1863641	1865837	2197	4	-0.46794	0.073771	1862943	1864339	1865399	1866271
560 NA19007	[2515685 chrX	23	1979394	1983878	4485	15	0.623378	0.036355	1979134	1979654	1982685	1985071
561 NA19007	[2515685 chrX	23	2286200	2288297	2098	2	0.853691	0.089976	2285671	2286730	2287550	2289041

562 NA19007	[2515685 chrX	23	9182407	9192056	9650	13	0.743643	0.039829	9181838	9182977	9191527	9192586
563 NA19007	[2515685 chrX	23	38340304	38343955	3652	2	-4.110905	0.185545	38339963	38340645	38341288	3834662:
564 NA19007	[2515685 chrX	23	56677475	56690665	13191	31	0.433195	0.018461	56677130	56677820	56690311	5669101!
565 NA19007	[2515685 chrX	23	56701963	56703209	1247	2	0.692655	0.120289	56701752	56702175	56702945	5670347:
566 NA19007	[2515685 chrX	23	70741274	70745998	4725	38	-0.356544	0.025378	70739871	70742677	70744597	7074740!
567 NA19007	[2515685 chrX	23	103133933	103143075	9143	2	0.526424	0.098736	103130384	103137482	103142681	10314347!
568 NA19007	[2515685 chrX	23	119791965	119849730	57766	79	-0.558508	0.011488	119791661	119792270	119845759	11985498
569 NA19007	[2515685 chrX	23	140244231	140245198	968	2	-1.189469	0.136757	140243934	140244529	140244899	14024549
570 NA19007	[2515685 chrX	23	140258412	140269399	10988	2	-0.668867	0.10468	140257239	140259586	140269160	14026963!
571 NA19007	[2515685 chrX	23	140718840	140720134	1295	2	0.522697	0.099581	140718574	140719107	140719983	14072028
572 NA19007	[2515685 chrX	23	154721706	154722677	972	2	0.718323	0.120612	154721235	154722178	154722342	15472301!
573 NA19007	[2515685 chrX	23	154814407	154822878	8472	9	0.26974	0.045494	154813623	154815191	154821492	15482426:
574 NA19007	[2515685 chrY	24	1863641	1865837	2197	4	-0.46794	0.073771	1862943	1864339	1865399	1866276!
575 NA19007	[2515685 chrY	24	1979394	1983878	4485	15	0.623378	0.036355	1979134	1979654	1982685	198507:
576 NA19007	[2515685 chrY	24	2286200	2288297	2098	2	0.853691	0.089976	2285671	2286730	2287550	228904!
577 NA19007	[2515685 chrY	24	23628713	23649003	20291	38	-0.444233	0.018911	23628548	23628879	23648757	2364924!
578 NA19007	[2515685 chrY	24	23716390	23741767	25378	63	-0.445191	0.014436	23716144	23716636	23741434	2374210!
579 NA19007	[2515685 chrY	24	25266900	25284425	17526	45	-0.559504	0.01831	25266567	25267234	25284278	2528457:
580 NA19007	[2515685 chrY	24	25341625	25362431	20807	44	-0.496283	0.018026	25341379	25341871	25359491	2536650!
581 NA19007	[2515685 chrY	24	57599133	57600104	972	2	0.718324	0.120612	57598662	57599605	57599769	5760044!
1 NA18975	[2515685 chr1	1	897	76985	76089	118	0.292619	0.013052	1	1794	76641	77329
2 NA18975	[2515685 chr1	1	601044	612159	11116	8	-1.22004	0.056143	587801	604315	610122	614196!
3 NA18975	[2515685 chr1	1	3469925	3474794	4870	4	-0.328862	0.062266	3469291	3470560	3474475	347511:
4 NA18975	[2515685 chr1	1	10416438	10418311	1874	2	-0.719855	0.09591	10415863	10417014	10417712	1041891!
5 NA18975	[2515685 chr1	1	12843376	12863840	20465	27	0.370852	0.025688	12843104	12843649	12860569	1286861:
6 NA18975	[2515685 chr1	1	12884329	12886858	2530	4	0.517282	0.056952	12884224	12884434	12886536	1288718!
7 NA18975	[2515685 chr1	1	12887630	12888178	549	2	0.471371	0.082978	12887352	12887909	12887924	1288843:
8 NA18975	[2515685 chr1	1	13084062	13091899	7838	5	-0.376379	0.056555	13084055	13084070	13091561	1309223:
9 NA18975	[2515685 chr1	1	13159940	13162706	2767	4	0.545383	0.052611	13159618	13160263	13162366	1316304!
10 NA18975	[2515685 chr1	1	13368830	13373969	5140	8	0.274837	0.039993	13368443	13369217	13373608	1337433!
11 NA18975	[2515685 chr1	1	13379417	13379965	549	2	0.471371	0.082978	13379164	13379671	13379686	1338024!
12 NA18975	[2515685 chr1	1	13380737	13383503	2767	4	0.545385	0.052611	13380415	13381060	13383163	1338384:
13 NA18975	[2515685 chr1	1	13450095	13457066	6972	3	-0.328923	0.065432	13449190	13451001	13456679	1345745:
14 NA18975	[2515685 chr1	1	16983252	17005532	22281	25	-0.373416	0.030461	16982953	16983552	17004616	1700644!
15 NA18975	[2515685 chr1	1	25330950	25409968	79019	78	0.361985	0.016091	25330662	25331238	25409763	2541017:
16 NA18975	[2515685 chr1	1	25434181	25487481	53301	27	0.265262	0.027737	25433990	25434373	25484210	2551293:
17 NA18975	[2515685 chr1	1	40219272	40222606	3335	2	-0.628037	0.100279	40217103	40221441	40222380	4022283:
18 NA18975	[2515685 chr1	1	89188117	89190762	2646	5	1.954412	0.095164	89187764	89188470	89190458	8919106!
19 NA18975	[2515685 chr1	1	103827497	103834166	6670	16	0.550267	0.0339	103827175	103827820	103833999	10383433:
20 NA18975	[2515685 chr1	1	103848294	103866317	18024	27	0.689568	0.007857	103842566	103851565	103865345	10386729!
21 NA18975	[2515685 chr1	1	103873304	104015739	142436	230	0.689568	0.007857	103873021	103873587	104013178	10401830!
22 NA18975	[2515685 chr1	1	104022641	104029695	7055	5	0.350683	0.064984	104022431	104022851	104028575	10403081!
23 NA18975	[2515685 chr1	1	105728161	105735462	7302	8	-0.953913	0.060909	105727820	105728503	105734532	10573639!
24 NA18975	[2515685 chr1	1	108514938	108565175	50238	59	0.354094	0.019345	108514864	108515012	108565023	10856532!
25 NA18975	[2515685 chr1	1	108637709	108688767	51059	61	0.368885	0.018851	108637480	108637939	108688693	10868884!
26 NA18975	[2515685 chr1	1	109936541	109953240	16700	22	0.643719	0.030814	109935803	109937279	109952761	10995372!
27 NA18975	[2515685 chr1	1	112405902	112416691	10790	10	0.698929	0.050796	112405415	112406389	112416423	11241696!
28 NA18975	[2515685 chr1	1	142744385	142745273	889	2	0.671922	0.117971	142743794	142744976	142745023	14274552!
29 NA18975	[2515685 chr1	1	145368616	145373702	5087	10	-0.261302	0.036966	145368296	145368936	145373422	14537398!
30 NA18975	[2515685 chr1	1	145530660	145535965	5306	12	-0.253671	0.03477	145530340	145530980	145535466	14553646!
31 NA18975	[2515685 chr1	1	145819541	145840436	20896	24	0.388097	0.030778	145819262	145819821	145840201	14584067!
32 NA18975	[2515685 chr1	1	145855193	145859584	4392	3	0.597707	0.083428	145848112	145858464	145859395	14585977:
33 NA18975	[2515685 chr1	1	145876360	145879495	3136	2	0.524748	0.084801	145876052	145876669	145879264	14587972!
34 NA18975	[2515685 chr1	1	145886165	145900995	14831	11	0.387407	0.043587	145885500	145886831	145900795	14590119!
35 NA18975	[2515685 chr1	1	145920044	145973827	53784	58	0.402162	0.019216	145919709	145920380	145973620	14597403!

36 NA18975	[2515685 chr1	1	148998878	149005918	7041	13	0.724679	0.030351	148998401	148999355	149004680	14900715
37 NA18975	[2515685 chr1	1	149368571	149384391	15821	2	-1.215071	0.105872	149368105	149369038	149383444	14938533
38 NA18975	[2515685 chr1	1	149385742	149399435	13694	19	-2.911658	0.063167	149385339	149386145	149399080	14939979
39 NA18975	[2515685 chr1	1	149573821	149583431	9611	5	0.971616	0.077445	149573460	149574182	149582912	14958395
40 NA18975	[2515685 chr1	1	158224068	158225480	1413	2	-0.442116	0.066408	15823552	158224584	158225276	15822568
41 NA18975	[2515685 chr1	1	158231105	158232881	1777	2	-0.442113	0.066408	158230227	158231984	158232676	15823308
42 NA18975	[2515685 chr1	1	158245896	158247672	1777	2	-0.442113	0.066408	158245018	158246775	158247467	15824787
43 NA18975	[2515685 chr1	1	158253277	158255053	1777	2	-0.442113	0.066408	158252398	158254156	158254848	15825525
44 NA18975	[2515685 chr1	1	159083853	159085602	1750	2	0.541501	0.105618	159083104	159084603	159085334	15908587
45 NA18975	[2515685 chr1	1	186057433	186276059	218627	216	-0.86639	0.010776	186057175	186057691	186275512	18627660
46 NA18975	[2515685 chr1	1	192541700	192547982	6283	3	-0.412442	0.079493	192541312	192542088	192547786	19254817
47 NA18975	[2515685 chr1	1	193452077	193552515	100439	84	0.500054	0.016135	193449476	193454678	193551981	19355305
48 NA18975	[2515685 chr1	1	193615671	193651850	36180	33	0.251924	0.024837	193615441	193615901	193651615	19365208
49 NA18975	[2515685 chr1	1	204210291	204215744	5454	8	0.293473	0.051365	204210088	204210494	204215470	20421601
50 NA18975	[2515685 chr1	1	218762650	218771442	8793	8	0.433282	0.053464	218762212	218763089	218771135	21877175
51 NA18975	[2515685 chr1	1	226117234	226125724	8491	2	-0.700238	0.114582	226114786	226119683	226122453	22612975
52 NA18975	[2515685 chr1	1	239368545	239498531	129987	15	-0.406928	0.037853	239368239	239368851	239496181	23950088
53 NA18975	[2515685 chr1	1	244872415	244874098	1684	5	-0.410327	0.071577	244872245	244872585	244873799	24487439
54 NA18975	[2515685 chr2	2	297104	298925	1822	7	0.346363	0.0581	296699	297510	298661	299185
55 NA18975	[2515685 chr2	2	752473	755403	2931	3	0.394429	0.075756	751944	753002	754721	756085
56 NA18975	[2515685 chr2	2	1429745	1432691	2947	2	0.52368	0.085101	1428787	1430704	1432147	1433235
57 NA18975	[2515685 chr2	2	34606444	34644765	38322	39	0.808661	0.024803	34601818	34609397	34641812	3464839
58 NA18975	[2515685 chr2	2	35896477	35905932	9456	3	-0.948841	0.087219	35879425	35899430	35902979	3590982
59 NA18975	[2515685 chr2	2	36245925	36253909	7985	4	-0.92516	0.08442	36243469	36248382	36250956	36257555
60 NA18975	[2515685 chr2	2	37869648	37911473	41826	43	-0.491264	0.022182	37869077	37870220	37911214	3791173
61 NA18975	[2515685 chr2	2	44378695	44380701	2007	3	-0.817426	0.079007	44378636	44378754	44379703	4438169
62 NA18975	[2515685 chr2	2	52661573	52696869	35297	26	-3.797522	0.061278	52661218	52661928	52696416	5269732
63 NA18975	[2515685 chr2	2	73921778	73948487	26710	43	0.320225	0.015092	73921335	73922222	73948060	7394891
64 NA18975	[2515685 chr2	2	87752025	87753739	1715	2	-0.497186	0.095612	87751415	87752636	87752678	8775480
65 NA18975	[2515685 chr2	2	87963983	88098957	134975	14	0.311455	0.040276	87963455	87964512	88097049	8810086
66 NA18975	[2515685 chr2	2	97184386	97189735	5350	2	-0.810089	0.107216	97182781	97185992	97186782	9719672
67 NA18975	[2515685 chr2	2	97281294	97297647	16354	26	-0.331733	0.027709	97281091	97281497	97297385	9729791
68 NA18975	[2515685 chr2	2	97613796	97614932	1137	2	1.62048	0.131831	97613553	97614040	97614467	9761539
69 NA18975	[2515685 chr2	2	107475477	107477568	2092	2	-0.963664	0.121808	107474333	107476621	107477239	10747789
70 NA18975	[2515685 chr2	2	108313968	108314875	908	2	0.762017	0.106864	108313664	108314272	108314680	10831507
71 NA18975	[2515685 chr2	2	110045666	110088603	42938	47	-0.697491	0.020846	110045166	110046166	110088459	11008874
72 NA18975	[2515685 chr2	2	110088959	110090456	1498	4	-0.366444	0.066535	110088748	110089170	110090289	11009062
73 NA18975	[2515685 chr2	2	110342579	110345833	3255	2	-0.926889	0.07242	110341047	110344111	110345575	11034609
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75 NA18975	[2515685 chr2	2	111809680	111811642	1963	2	-0.497185	0.095612	111808620	111810741	111810783	11181250
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78 NA18975	[2515685 chr2	2	129932020	129933250	1231	2	0.466444	0.092696	129931755	129932285	129933058	12993344
79 NA18975	[2515685 chr2	2	130410671	130483330	72660	80	-0.27747	0.016091	130410236	130411106	130483142	13048351
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84 NA18975	[2515685 chr2	2	132846945	132868265	21321	12	0.299636	0.027241	132846760	132847131	132867906	13286862
85 NA18975	[2515685 chr2	2	132873051	132880524	7474	10	0.299636	0.027241	132872791	132873312	132880298	13288075
86 NA18975	[2515685 chr2	2	146694145	146710744	16600	17	-2.919163	0.072667	146688620	146697098	146710557	14671093
87 NA18975	[2515685 chr2	2	153622711	153625256	2546	3	0.939207	0.092039	153621175	153624247	153625088	15362542
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89 NA18975	[2515685 chr2	2	228717927	228730812	12886	3	-0.400066	0.076219	228715615	228720239	228730139	22873148
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92 NA18975	[2515685 chr3	3	154904	157210	2307	2	-0.643691	0.099885	154511	155297	156642	157775
93 NA18975	[2515685 chr3	3	204650	209394	4745	4	0.795781	0.072368	202918	206383	209009	209775
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97 NA18975	[2515685 chr3	3	50888459	50888513	55	2	1.10842	0.122095	50888445	50888474	50888495	5088853
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116 NA18975	[2515685 chr3	3	199313925	199321063	7139	15	-1.20018	0.029894	199313515	199314336	199320844	19932128
117 NA18975	[2515685 chr4	4	8740317	8756949	16633	25	0.92378	0.020695	8740049	8740586	8756813	875708
118 NA18975	[2515685 chr4	4	8998175	9046719	48545	87	0.384374	0.010636	8850774	9001243	9046129	904730
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210 NA18975	[2515685 chr7	7	73916725	73918196	1472	3	0.38913 0.073785	73916422	73917029	73917270	73919127
211 NA18975	[2515685 chr7	7	73965656	73966691	1036	4	0.421054 0.068477	73965279	73966033	73966513	73966871
212 NA18975	[2515685 chr7	7	74096901	74098405	1505	6	0.279035 0.048218	74096630	74097173	74098107	74098707
213 NA18975	[2515685 chr7	7	74417518	74418989	1472	3	0.38913 0.073785	74416593	74418444	74418686	74419279
214 NA18975	[2515685 chr7	7	74510928	74512592	1665	7	0.276231 0.046208	74510847	74511009	74512294	74512897
215 NA18975	[2515685 chr7	7	75790452	75794984	4533	5	-0.739191 0.070107	75790248	75790656	75794325	75795647
216 NA18975	[2515685 chr7	7	76448511	76450306	1796	3	-0.505864 0.081217	76447899	76449124	76449920	76450697
217 NA18975	[2515685 chr7	7	86392789	86394206	1418	2	0.818996 0.119515	86392392	86393187	86393827	86394581
218 NA18975	[2515685 chr7	7	92971481	92976895	5415	4	0.764174 0.086044	92971060	92971903	92975569	92978227
219 NA18975	[2515685 chr7	7	109034782	109048749	13968	10	2.589263 0.077568	109024063	109037134	109046953	10905054
220 NA18975	[2515685 chr7	7	125639507	125644775	5269	6	-0.746829 0.071158	125639054	125639961	125644046	12564550
221 NA18975	[2515685 chr7	7	126108382	126126371	17990	27	-0.360861 0.026697	126107861	126108904	126125619	12612712
222 NA18975	[2515685 chr7	7	133243981	133257361	13381	14	3.096443 0.076194	133243755	133244207	133255009	13326093
223 NA18975	[2515685 chr7	7	141962017	141983067	21051	27	-0.80823 0.030931	141961693	141962342	141982817	14198331
224 NA18975	[2515685 chr7	7	141985998	141993247	7250	7	-0.43789 0.05501	141985708	141986289	141992651	14199384
225 NA18975	[2515685 chr7	7	142818909	142828015	9107	15	0.339995 0.037993	142818362	142819456	142827707	14282832
226 NA18975	[2515685 chr7	7	143320629	143401988	81360	146	-0.433322 0.007218	143320373	143320886	143401347	14340262
227 NA18975	[2515685 chr7	7	143407062	143511719	104658	211	-0.433322 0.007218	143406604	143407520	143511270	14351216
228 NA18975	[2515685 chr7	7	149285428	149286281	854	2	-0.763199 0.093307	149285181	149285676	149286217	14928634
229 NA18975	[2515685 chr7	7	152950453	152951306	854	2	-0.782069 0.092626	152950389	152950517	152951051	15295156
230 NA18975	[2515685 chr7	7	156845401	156847050	1650	2	-0.737974 0.103719	156845117	156845685	156846689	15684741
231 NA18975	[2515685 chr7	7	156976112	156978464	2353	2	-0.622105 0.102283	156975812	156976413	156977896	15697903
232 NA18975	[2515685 chr7	7	157023614	157027930	4317	7	0.311517 0.05507	157023242	157023987	157027451	15702840
233 NA18975	[2515685 chr7	7	158207288	158209880	2593	2	1.044836 0.12439	158206344	158208233	158209333	15821042
234 NA18975	[2515685 chr7	7	158617060	158624380	7321	6	0.944938 0.067344	158616763	158617357	158622028	15862673
235 NA18975	[2515685 chr8	8	1328256	1343509	15254	45	-0.559273 0.019418	1327688	1328824	1342795	1344224
236 NA18975	[2515685 chr8	8	1394513	1398803	4291	6	-0.387838 0.063386	1393955	1395072	1398426	1399187
237 NA18975	[2515685 chr8	8	2238734	2253793	15060	10	0.80759 0.051081	2233839	2241488	2251039	2257526
238 NA18975	[2515685 chr8	8	3775376	3784630	9255	10	-0.263354 0.045382	3775003	3775750	3784097	3785163
239 NA18975	[2515685 chr8	8	4110204	4112526	2323	2	4.760469 0.253458	4109692	4110717	4112031	4113027
240 NA18975	[2515685 chr8	8	5817892	5820042	2151	2	-0.897198 0.13097	5817072	5818713	5819661	5820427
241 NA18975	[2515685 chr8	8	6817073	6866193	49121	86	-0.358441 0.012725	6816809	6817338	6866118	6866265
242 NA18975	[2515685 chr8	8	7094852	7930292	835441	1668	0.254573 0.002984	7092427	7092728	7930155	7930425
243 NA18975	[2515685 chr8	8	12006412	12006992	581	2	0.538842 0.089359	12006271	12006553	12006567	12007411
244 NA18975	[2515685 chr8	8	12023134	12033723	10590	29	0.350338 0.027199	12022997	12023272	12033419	12034027
245 NA18975	[2515685 chr8	8	12034819	12036797	1979	4	-0.363665 0.070956	12034665	12034973	12036486	12037101
246 NA18975	[2515685 chr8	8	12064826	12072445	7620	25	0.32443 0.023681	12064663	12064989	12072267	12072627
247 NA18975	[2515685 chr8	8	12259618	12260238	621	2	0.538842 0.089359	12259477	12259759	12259773	12260707
248 NA18975	[2515685 chr8	8	12273297	12287848	14552	21	0.399408 0.030546	12271117	12275477	12286511	12289187
249 NA18975	[2515685 chr8	8	12314107	12321726	7620	22	0.312376 0.024697	12313944	12314270	12321548	12321907
250 NA18975	[2515685 chr8	8	16246510	16251509	5000	4	-4.288466 0.186248	16246275	16246745	16250812	16252207
251 NA18975	[2515685 chr8	8	18900549	18901909	1361	2	-0.684058 0.099675	18900138	18900960	18901577	18902247
252 NA18975	[2515685 chr8	8	20022286	20024771	2486	2	-0.857406 0.122294	20021082	20023491	20024338	20025207
253 NA18975	[2515685 chr8	8	25466015	25471689	5675	4	-0.872397 0.081249	25464392	25467638	25470702	25472671
254 NA18975	[2515685 chr8	8	49081430	49084499	3070	2	-0.603911 0.10869	49079497	49083364	49084089	49084911
255 NA18975	[2515685 chr8	8	51193670	51201152	7483	11	-0.954097 0.04987	51193335	51194005	51200867	51201431

256 NA18975	[2515685 chr8	8	51969408	51971838	2431	5	-0.472121	0.072664	51969071	51969745	51971671	5197200!
257 NA18975	[2515685 chr8	8	58278355	58289214	10860	9	0.458834	0.038866	58277116	58279595	58288084	5829034!
258 NA18975	[2515685 chr8	8	85423649	85431920	8272	7	0.957712	0.058078	85423043	85424256	85431347	8543249:
259 NA18975	[2515685 chr8	8	86742169	86910255	168087	105	0.277496	0.010477	86741757	86742581	86910002	8691050!
260 NA18975	[2515685 chr8	8	115702151	115715317	13167	12	-0.779042	0.046198	115701237	115703065	115702563	11571874
261 NA18975	[2515685 chr8	8	120222660	120229952	7293	6	0.795713	0.063584	120218251	120225414	120229434	12023047!
262 NA18975	[2515685 chr8	8	135128391	135137626	9236	13	-0.875678	0.044005	135127707	135129076	135137252	13513800
263 NA18975	[2515685 chr9	9	310045	312573	2529	61	0.410124	0.016619	309952	310139	312407	31274C
264 NA18975	[2515685 chr9	9	12673287	12676879	3593	3	0.416267	0.081309	12671187	12675387	12676588	1267717
265 NA18975	[2515685 chr9	9	33646675	33648954	2280	3	-0.535567	0.08711	33646355	33646996	33648420	3364948!
266 NA18975	[2515685 chr9	9	33789424	33793351	3928	6	-0.48023	0.062173	33789218	33789631	33793129	3379357:
267 NA18975	[2515685 chr9	9	38763857	38952823	188967	331	-0.260241	0.00786	38761896	38765818	38952514	3895313:
268 NA18975	[2515685 chr9	9	38973401	38974176	776	2	0.587912	0.098688	38973122	38973680	38974034	3897431!
269 NA18975	[2515685 chr9	9	39811790	39822887	11098	18	0.3779	0.029921	39810439	39813141	39822472	3982330:
270 NA18975	[2515685 chr9	9	39864986	39866101	1116	5	0.382877	0.048063	39864795	39865177	39866022	3986618
271 NA18975	[2515685 chr9	9	41125241	41126024	784	3	0.537131	0.083494	41125099	41125384	41125754	4112629:
272 NA18975	[2515685 chr9	9	41598793	41599908	1116	5	0.382877	0.048063	41598714	41598873	41599718	4160009!
273 NA18975	[2515685 chr9	9	41642009	41653902	11894	17	0.370125	0.030443	41641595	41642423	41651748	4165605
274 NA18975	[2515685 chr9	9	42070573	42080673	10101	16	0.421023	0.026485	42069073	42072074	42080516	4208083
275 NA18975	[2515685 chr9	9	42121802	42122916	1115	5	0.382877	0.048063	42121612	42121992	42122837	4212299!
276 NA18975	[2515685 chr9	9	42752844	42765281	12438	20	0.429772	0.022953	42751520	42754168	42765124	4276543!
277 NA18975	[2515685 chr9	9	42873520	42885957	12438	20	0.429773	0.022953	42872196	42874844	42885800	4288611!
278 NA18975	[2515685 chr9	9	43807800	43812530	4731	6	0.511467	0.062295	43807212	43808388	43812324	4381273!
279 NA18975	[2515685 chr9	9	43960943	44063066	102124	20	-0.292112	0.027516	43959984	43961903	44062717	4406341:
280 NA18975	[2515685 chr9	9	65937679	65940789	3111	7	0.381205	0.050979	65937537	65937822	65939394	6594218:
281 NA18975	[2515685 chr9	9	66297435	66340999	43565	52	0.259938	0.019368	66283602	66299797	66340327	6634167
282 NA18975	[2515685 chr9	9	66822650	66833581	10932	12	0.312518	0.034011	66822089	66823212	66833436	6683372:
283 NA18975	[2515685 chr9	9	89405187	89407924	2738	2	-0.958228	0.10679	89404572	89405803	89407164	8940868!
284 NA18975	[2515685 chr9	9	101795950	101804576	8627	7	-1.058398	0.064162	101795517	101796383	101803113	10180603
285 NA18975	[2515685 chr9	9	112899651	112932269	32619	45	0.256822	0.01572	112899170	112900132	112931621	11293291
286 NA18975	[2515685 chr9	9	138188003	138189923	1921	45	-0.327236	0.021668	138187808	138188198	138189840	13819000
287 NA18975	[2515685 chr9	9	138397327	138399638	2312	12	-0.345251	0.045474	138397201	138397454	138399572	13839970
288 NA18975	[2515685 chr10	10	6693908	6704321	10414	8	0.736729	0.055205	6692231	6695585	6704008	6704634
289 NA18975	[2515685 chr10	10	19788649	19790461	1813	2	-0.60321	0.092255	19788411	19788887	19789952	1979097!
290 NA18975	[2515685 chr10	10	42564252	42565662	1411	4	-0.387802	0.073213	42563949	42564556	42565423	4256590
291 NA18975	[2515685 chr10	10	42647712	42650729	3018	6	0.480658	0.06209	42647349	42648075	42650066	4265139:
292 NA18975	[2515685 chr10	10	46113643	46129517	15875	27	-0.361354	0.021506	46113432	46113854	46129280	4612975:
293 NA18975	[2515685 chr10	10	46168755	46171356	2602	11	-0.419168	0.038554	46168488	46169022	46171200	4617151:
294 NA18975	[2515685 chr10	10	46185144	46675076	489933	891	-0.335709	0.003274	46184361	46185928	46675054	4667509!
295 NA18975	[2515685 chr10	10	46677788	47173707	495920	548	-0.335709	0.003274	46677220	46678357	47173507	4717390!
296 NA18975	[2515685 chr10	10	47220005	47220637	633	4	-0.66527	0.074985	47219903	47220107	47220533	4722074
297 NA18975	[2515685 chr10	10	47226505	47231502	4998	20	-0.36916	0.02761	47226377	47226633	47231201	4723180:
298 NA18975	[2515685 chr10	10	47723237	47803532	80296	220	-0.32716	0.008207	47575187	47725982	47802824	4780424
299 NA18975	[2515685 chr10	10	47878398	47878897	500	2	-0.693307	0.103105	47878220	47878577	47878725	4787907!
300 NA18975	[2515685 chr10	10	47884830	47889830	5001	20	-0.37817	0.027129	47884702	47884958	47889529	4789013
301 NA18975	[2515685 chr10	10	48499011	48516048	17038	27	-0.358913	0.021514	48498672	48499351	48515812	4851628!
302 NA18975	[2515685 chr10	10	48558524	48561054	2531	12	-0.396099	0.03741	48558257	48558791	48560968	4856114
303 NA18975	[2515685 chr10	10	48574881	48636798	61918	144	-0.296301	0.00961	48574098	48575665	48636374	4863722:
304 NA18975	[2515685 chr10	10	48638301	48718242	79942	130	-0.388833	0.009571	48638050	48638553	48715497	4886556-
305 NA18975	[2515685 chr10	10	51119630	51130526	10897	16	-0.37716	0.029622	51119365	51119895	51130447	5113060!
306 NA18975	[2515685 chr10	10	51157418	51161093	3676	6	-0.496524	0.056962	51157207	51157629	51160825	5116136:
307 NA18975	[2515685 chr10	10	52136987	52139263	2277	5	-0.262713	0.048236	52136355	52137619	52139186	5213934!
308 NA18975	[2515685 chr10	10	56117212	56139275	22064	20	-1.005874	0.035091	56115764	56118661	56138931	5613961!
309 NA18975	[2515685 chr10	10	58515338	58521341	6004	8	-0.831946	0.05212	58514982	58515695	58521055	5852162!
310 NA18975	[2515685 chr10	10	66977355	66985193	7839	8	-0.970995	0.060352	66976803	66977908	66984894	6698549:



311 NA18975	[2515685 chr10	10	70951158	70961194	10037	7	-0.742266	0.059149	70949290	70953027	70960964	7096142!
312 NA18975	[2515685 chr10	10	81144645	81173619	28975	28	-0.58	0.021011	81144276	81145014	81171386	8117585:
313 NA18975	[2515685 chr10	10	81464835	81493795	28961	26	-0.568633	0.021677	81464464	81465206	81491562	8149602!
314 NA18975	[2515685 chr10	10	81663989	81669493	5505	8	-0.283482	0.049655	81663740	81664238	81669128	8166985!
315 NA18975	[2515685 chr10	10	88867016	88966295	99280	110	-0.297962	0.009206	88866816	88867217	88965910	8896668!
316 NA18975	[2515685 chr10	10	88985844	89016296	30453	41	-0.297962	0.009206	88985192	88986497	89014572	8901802'
317 NA18975	[2515685 chr10	10	89142153	89179229	37077	58	-0.29255	0.017255	89141923	89142383	89178871	8917958'
318 NA18975	[2515685 chr10	10	89221150	89249961	28812	34	-0.488506	0.021799	89219426	89222875	89249436	8925048'
319 NA18975	[2515685 chr10	10	114102241	114106477	4237	5	-4.636647	0.171302	114101694	114102788	114105867	11410708
320 NA18975	[2515685 chr10	10	124336365	124341749	5385	6	0.553138	0.065579	124335581	124337149	124341238	12434226
321 NA18975	[2515685 chr10	10	124349666	124366738	17073	22	-0.769963	0.021978	124349302	124350031	124366300	12436717
322 NA18975	[2515685 chr10	10	134168766	134170259	1494	17	-0.354753	0.03813	134168524	134169008	134170097	13417042
323 NA18975	[2515685 chr10	10	135367159	135389814	22656	19	-0.341314	0.021545	135366656	135367663	135387500	13539212
324 NA18975	[2515685 chr11	11	2840307	2841533	1227	2	-1.066693	0.14567	2839959	2840656	2841211	284185!
325 NA18975	[2515685 chr11	11	3628748	3632795	4048	6	-2.324409	0.08539	3625722	3631775	3632594	363299!
326 NA18975	[2515685 chr11	11	5717038	5722028	4991	3	2.768482	0.145605	5716660	5717416	5718945	572548!
327 NA18975	[2515685 chr11	11	5741269	5765993	24725	33	2.967101	0.046223	5741059	5741480	5765632	576635!
328 NA18975	[2515685 chr11	11	11780222	11782174	1953	2	-0.864886	0.096651	11779958	11780486	11781057	1178329:
329 NA18975	[2515685 chr11	11	11831868	11833089	1222	2	1.085143	0.110897	11831412	11832324	11832853	1183332!
330 NA18975	[2515685 chr11	11	18903450	18919581	16132	29	0.471508	0.026851	18897800	18906533	18919224	1891993!
331 NA18975	[2515685 chr11	11	28965605	28969186	3582	5	4.613587	0.155996	28965284	28965927	28968702	2896967!
332 NA18975	[2515685 chr11	11	49665830	49715831	50002	36	0.50471	0.024223	49665251	49666410	49712748	4972198:
333 NA18975	[2515685 chr11	11	55348334	55350588	2255	3	-0.43892	0.079277	55348047	55348621	55350206	5535097!
334 NA18975	[2515685 chr11	11	55432391	55434453	2063	2	-0.704917	0.114315	55431954	55432829	55433918	5543498!
335 NA18975	[2515685 chr11	11	60721034	60777477	56444	74	0.738992	0.013888	60720112	60721956	60776810	6077814!
336 NA18975	[2515685 chr11	11	73812690	73818580	5891	4	-0.441911	0.077092	73812400	73812981	73818213	7381894'
337 NA18975	[2515685 chr11	11	79657975	79662283	4309	3	-0.527524	0.083214	79657791	79658159	79659200	7966807:
338 NA18975	[2515685 chr11	11	85981700	85984113	2414	3	-0.89757	0.093871	85981147	85982254	85983791	8598443!
339 NA18975	[2515685 chr11	11	88266938	88303948	37011	40	0.258345	0.023135	88266424	88267453	88303762	8830413!
340 NA18975	[2515685 chr11	11	89184898	89188706	3809	4	0.422068	0.077856	89184243	89185554	89188235	8918917'
341 NA18975	[2515685 chr11	11	89260757	89266247	5491	9	-0.606158	0.050385	89260437	89261077	89265993	8926650:
342 NA18975	[2515685 chr11	11	89323920	89328275	4356	9	-0.652912	0.050932	89323666	89324175	89327950	8932860!
343 NA18975	[2515685 chr11	11	106744846	106751054	6209	9	-0.842516	0.056603	106744561	106745131	10674971	10675483
344 NA18975	[2515685 chr11	11	113977904	114010845	32942	47	0.271985	0.0208	113976911	113978897	114007762	11401698
345 NA18975	[2515685 chr11	11	134107699	134112290	4592	5	0.832006	0.067395	134106591	134108808	134111845	13411273
346 NA18975	[2515685 chr12	12	398598	404873	6276	14	-0.306486	0.027045	398035	399161	401600	40814!
347 NA18975	[2515685 chr12	12	736840	744802	7963	9	0.90343	0.051226	736616	737064	744211	74539!
348 NA18975	[2515685 chr12	12	2112534	2127840	15307	16	0.68926	0.037692	2109107	2115961	2127279	212840:
349 NA18975	[2515685 chr12	12	6113530	6117052	3523	3	0.683205	0.092583	6111640	6115421	6116289	611781!
350 NA18975	[2515685 chr12	12	8259229	8270350	11122	23	0.319449	0.02607	8259044	8259414	8269654	827104!
351 NA18975	[2515685 chr12	12	9439936	9445623	5688	9	0.302567	0.044129	9439574	9440298	9445247	944600!
352 NA18975	[2515685 chr12	12	9527659	9624971	97313	105	0.684668	0.015663	9526872	9528447	9623223	962672!
353 NA18975	[2515685 chr12	12	11109398	11142012	32615	40	-0.360121	0.023048	11109206	11109590	11141608	1114241:
354 NA18975	[2515685 chr12	12	11398049	11436142	38094	34	-0.441235	0.025329	11397507	11398591	11435669	1143661!
355 NA18975	[2515685 chr12	12	31158802	31245603	86802	81	0.411793	0.016551	31158299	31159306	31245343	3124586:
356 NA18975	[2515685 chr12	12	33189084	33198675	9592	9	-1.051255	0.052653	33185151	33192576	33198516	3319883!
357 NA18975	[2515685 chr12	12	57004588	57020201	15614	8	0.302913	0.053064	57004218	57004958	57019624	5702077!
358 NA18975	[2515685 chr12	12	69156920	69167888	10969	11	0.754908	0.047789	69138649	69160412	69164396	6921501:
359 NA18975	[2515685 chr12	12	70475445	70476812	1368	2	-3.651765	0.215509	70475180	70475711	70476524	7047710!
360 NA18975	[2515685 chr12	12	78656134	78665261	9128	9	-0.523654	0.050131	78654687	78657582	78664736	7866578'
361 NA18975	[2515685 chr12	12	128945204	128946959	1756	2	-0.45167	0.090268	128944824	128945584	128946612	12894730
362 NA18975	[2515685 chr12	12	129401626	129403321	1696	2	-0.753879	0.096093	129401288	129401965	129403022	12940362
363 NA18975	[2515685 chr12	12	130318194	130320068	1875	2	0.745079	0.104381	130317385	130319004	130319789	13032034
364 NA18975	[2515685 chr12	12	130324383	130342175	17793	15	-0.566934	0.040757	130323811	130324955	130341981	13034236
365 NA18975	[2515685 chr12	12	130343644	130349864	6221	3	-2.195305	0.130137	130343483	130343806	130349625	13035010

366 NA18975	[2515685 chr12	12	130777013	130778340	1328	2	1.228041	0.113281	130776667	130777359	130778020	13077866
367 NA18975	[2515685 chr12	12	130798727	130801060	2334	4	-3.888927	0.14684	130798268	130799187	130800776	13080134
368 NA18975	[2515685 chr13	13	25947233	25950398	3166	3	3.097607	0.146506	25946194	25948272	25949415	2595138
369 NA18975	[2515685 chr13	13	33029569	33043421	13853	9	0.881465	0.055503	33000262	33034253	33042925	33043911
370 NA18975	[2515685 chr13	13	56611711	56646671	34961	48	-0.41773	0.012144	56610946	56612477	56646147	56647191
371 NA18975	[2515685 chr13	13	56653890	56687244	33355	31	-0.41773	0.012144	56650401	56657380	56686891	56687591
372 NA18975	[2515685 chr13	13	69633905	69673289	39385	42	0.808936	0.023903	69633412	69634399	69672985	69673591
373 NA18975	[2515685 chr13	13	109216120	109217089	970	4	-0.548207	0.066732	109216090	109216150	109216885	10921729
374 NA18975	[2515685 chr13	13	110502383	110503129	747	3	-1.182639	0.107421	110502225	110502541	110502890	11050336
375 NA18975	[2515685 chr13	13	112717306	112719112	1807	2	-0.662	0.103055	112716919	112717694	112718845	11271938
376 NA18975	[2515685 chr13	13	113079647	113086822	7176	3	0.748809	0.082056	113078890	113080404	113082138	11309434
377 NA18975	[2515685 chr14	14	18439491	18818454	378964	603	-0.334463	0.003582	18437497	18441485	18818043	18818861
378 NA18975	[2515685 chr14	14	18869365	19277148	407784	712	-0.334463	0.003582	18866159	18872572	19273824	19280471
379 NA18975	[2515685 chr14	14	19296134	19297147	1014	2	-0.783486	0.116175	19295757	19296512	19296928	19297361
380 NA18975	[2515685 chr14	14	32022775	32026140	3366	2	-1.30263	0.130396	32022274	32023276	32023749	3202853
381 NA18975	[2515685 chr14	14	40893293	40896720	3428	3	-0.501951	0.084209	40892979	40893608	40896289	4089715
382 NA18975	[2515685 chr14	14	42059344	42062997	3654	2	0.6432	0.110797	42056485	42062203	42062601	42063391
383 NA18975	[2515685 chr14	14	73070288	73084642	14355	16	-0.470312	0.041959	73068747	73071829	73083193	73086091
384 NA18975	[2515685 chr14	14	73106064	73110687	4624	3	0.796983	0.082312	73105752	73106376	73110054	73111321
385 NA18975	[2515685 chr14	14	102754330	102913446	159117	3	-0.418654	0.075357	102601482	102759088	102908688	10298305
386 NA18975	[2515685 chr14	14	104766812	104778505	11694	145	-0.40463	0.009521	104766457	104767167	104778286	10477872
387 NA18975	[2515685 chr15	15	18458940	18467345	8406	4	0.410421	0.058705	18458212	18459669	18466824	18467861
388 NA18975	[2515685 chr15	15	18690378	18704122	13745	16	0.28079	0.034739	18690036	18690720	18703644	18704601
389 NA18975	[2515685 chr15	15	18920359	18922233	1875	7	0.407034	0.052367	18920111	18920608	18922058	18922401
390 NA18975	[2515685 chr15	15	19462326	19466745	4420	4	0.570554	0.07232	19461886	19462767	19466696	19466791
391 NA18975	[2515685 chr15	15	19466745	19470416	3672	6	-0.276549	0.046314	19466696	19466794	19469782	1947105
392 NA18975	[2515685 chr15	15	19470416	19479734	9319	5	0.39768	0.055017	19469782	19471051	19478207	1948126
393 NA18975	[2515685 chr15	15	19795268	20091650	296383	304	-0.393588	0.008339	19795095	19795441	20091416	2009188
394 NA18975	[2515685 chr15	15	20641990	20647907	5918	6	-0.498882	0.058601	20641684	20642297	20647648	2064816
395 NA18975	[2515685 chr15	15	20880181	20881060	880	6	0.420023	0.055764	20880091	20880271	20880885	20881231
396 NA18975	[2515685 chr15	15	20922386	20924090	1705	4	-0.327054	0.064952	20922166	20922607	20923787	20924391
397 NA18975	[2515685 chr15	15	21605983	21614601	8619	8	0.724657	0.057888	21605507	21606459	21612298	21636691
398 NA18975	[2515685 chr15	15	24986053	24992250	6198	7	0.919369	0.062301	24985426	24986680	24991680	24992821
399 NA18975	[2515685 chr15	15	26150294	26151550	1257	5	0.450827	0.070741	26149844	26150744	26151372	26151721
400 NA18975	[2515685 chr15	15	26185400	26190670	5271	10	0.297289	0.045504	26184487	26186314	26190451	26190891
401 NA18975	[2515685 chr15	15	26639828	26641529	1702	4	-0.327053	0.064952	26639525	26640131	26641310	26641741
402 NA18975	[2515685 chr15	15	26682153	26684061	1909	7	0.407031	0.051752	26681978	26682328	26683847	26684271
403 NA18975	[2515685 chr15	15	27688132	27690372	2241	3	-3.703621	0.182574	27687785	27688480	27690197	27690541
404 NA18975	[2515685 chr15	15	39889385	39890850	1466	2	0.530374	0.094237	39888917	39889854	39890418	39891281
405 NA18975	[2515685 chr15	15	59490762	59495993	5232	2	-0.675165	0.110453	59490146	59491378	59494114	59497871
406 NA18975	[2515685 chr15	15	74671388	74682821	11434	9	0.777215	0.053189	74671122	74671654	74680518	74689511
407 NA18975	[2515685 chr15	15	75117585	75119946	2362	4	0.960309	0.074092	75117343	75117827	75119741	75120151
408 NA18975	[2515685 chr15	15	82333041	82335194	2154	2	-3.456091	0.186299	82332284	82333799	82334729	82335661
409 NA18975	[2515685 chr15	15	98234084	98240716	6633	8	0.958914	0.056335	98233842	98234327	98239350	98242081
410 NA18975	[2515685 chr15	15	99570774	99575228	4455	4	-0.897091	0.077653	99570510	99571038	99573572	99576881
411 NA18975	[2515685 chr15	15	100109640	100122682	13043	98	0.436417	0.011458	100108905	100110376	100122315	100123051
412 NA18975	[2515685 chr15	15	100262413	100337837	75425	69	0.260376	0.016781	100262202	100262624	100336759	10033891
413 NA18975	[2515685 chr16	16	2605	11375	8771	9	0.281183	0.045359	1848	3362	9494	13304
414 NA18975	[2515685 chr16	16	14896194	14908175	11982	30	-0.284918	0.023478	14896075	14896314	14907917	14908431
415 NA18975	[2515685 chr16	16	14955818	15030359	74542	68	-0.571069	0.018029	14955356	14956281	15029969	15030751
416 NA18975	[2515685 chr16	16	16633469	16639120	5652	4	1.040934	0.078742	16632502	16634437	16638386	16639851
417 NA18975	[2515685 chr16	16	18010627	18016356	5730	4	-0.352911	0.066294	18010196	18011059	18016027	18016681
418 NA18975	[2515685 chr16	16	28284674	28291861	7188	7	-0.675901	0.058038	28284394	28284954	28290697	28293021
419 NA18975	[2515685 chr16	16	28297165	28344212	47048	81	-0.558349	0.016229	28297134	28297197	28344190	28344231
420 NA18975	[2515685 chr16	16	28349697	28367545	17849	17	-0.38705	0.030738	28349000	28350394	28366478	28368611

421 NA18975	[2515685 chr16	16	28586548	28602955	16408	14	-0.375085	0.03142	28586215	28586881	28602258	2860365:
422 NA18975	[2515685 chr16	16	28608439	28655786	47348	80	-0.558308	0.016308	28608417	28608462	28655754	2865581:
423 NA18975	[2515685 chr16	16	28661059	28668260	7202	8	-0.735611	0.055558	28659902	28662216	28667977	2866854:
424 NA18975	[2515685 chr16	16	28699274	28731129	31856	29	-0.341791	0.022776	28698207	28700342	28729936	2873232:
425 NA18975	[2515685 chr16	16	28979184	28990640	11457	15	-0.341507	0.03066	28978132	28980237	28989051	2899222:
426 NA18975	[2515685 chr16	16	30101364	30102578	1215	2	-0.658584	0.116286	30101045	30101684	30102223	3010293:
427 NA18975	[2515685 chr16	16	31867255	33725610	1858356	3033	0.26712	0.002366	31862605	31869136	33725375	3372584:
428 NA18975	[2515685 chr16	16	33870056	33871365	1310	2	0.561147	0.093113	33869830	33870282	33870883	3387184:
429 NA18975	[2515685 chr16	16	34321825	34592634	270810	301	-0.475378	0.008476	34317185	34323706	34592388	3459288:
430 NA18975	[2515685 chr16	16	57204541	57207585	3045	3	5.294251	0.21477	57204170	57204913	57206938	5720823:
431 NA18975	[2515685 chr16	16	58247474	58538341	290868	4	-0.346409	0.067581	58192741	58249355	58536460	5859034:
432 NA18975	[2515685 chr16	16	68533980	68541241	7262	8	-0.283994	0.045967	68533527	68534434	68540782	6854170:
433 NA18975	[2515685 chr16	16	68603179	68666721	63543	58	-0.438802	0.019104	68602755	68603604	68666385	6866705:
434 NA18975	[2515685 chr16	16	68702274	68764096	61823	69	-0.254617	0.017101	68701593	68702955	68763695	6876449:
435 NA18975	[2515685 chr16	16	76930776	76942282	11507	9	0.713634	0.048742	76930290	76931263	76941602	7694296:
436 NA18975	[2515685 chr16	16	83994929	84004171	9243	81	0.394868	0.013442	83994558	83995300	84003767	8400457:
437 NA18975	[2515685 chr16	16	84562720	84565235	2516	11	0.285507	0.046125	84561685	84563756	84565142	8456532:
438 NA18975	[2515685 chr16	16	88710329	88712266	1938	10	-0.365181	0.050406	88710203	88710456	88712200	8871233:
439 NA18975	[2515685 chr17	17	911980	915554	3575	4	-2.472949	0.109176	911452	912508	915413	91569:
440 NA18975	[2515685 chr17	17	966845	969578	2734	21	0.385774	0.03411	966537	967154	969378	96977:
441 NA18975	[2515685 chr17	17	14984685	14999596	14912	15	-0.995908	0.04241	14984106	14985264	1499318	1499987:
442 NA18975	[2515685 chr17	17	18331739	18332345	607	2	-0.843322	0.096664	18331509	18331970	18331978	1833271:
443 NA18975	[2515685 chr17	17	20299935	20300531	597	2	-0.843318	0.096664	20299568	20300303	20300311	2030075:
444 NA18975	[2515685 chr17	17	21825576	21834752	9177	8	-0.466606	0.0421	21824915	21826238	21833710	2183579:
445 NA18975	[2515685 chr17	17	21942843	21954469	11627	19	-0.395727	0.032217	21942618	21943068	21954310	2195462:
446 NA18975	[2515685 chr17	17	31430406	31461078	30673	51	0.324915	0.019248	31429658	31431155	31460534	3146162:
447 NA18975	[2515685 chr17	17	31529424	31578624	49201	73	0.270808	0.007179	31529243	31529605	31578609	3157864:
448 NA18975	[2515685 chr17	17	31617468	31680187	62720	86	0.270808	0.007179	31617287	31617649	31680172	3168020:
449 NA18975	[2515685 chr17	17	32829500	32833231	3732	5	0.840891	0.075945	32828825	32830175	32832670	3283379:
450 NA18975	[2515685 chr17	17	33224385	33341885	17501	6	0.301663	0.052685	33323841	33324930	33349684	3334498:
451 NA18975	[2515685 chr17	17	33353504	33356043	2540	7	0.275955	0.047995	33353350	33353659	33355781	3335630:
452 NA18975	[2515685 chr17	17	33395919	33407706	11788	9	-0.486796	0.051622	33395884	33395955	33407335	3340807:
453 NA18975	[2515685 chr17	17	33425145	33430792	5648	10	-0.518151	0.044392	33424532	33425759	33428591	3352929:
454 NA18975	[2515685 chr17	17	33555392	33557089	1698	4	0.296258	0.057078	33555169	33555615	33556935	3355724:
455 NA18975	[2515685 chr17	17	33567815	33585313	17499	6	0.301663	0.052685	33564792	33570016	33584586	3358604:
456 NA18975	[2515685 chr17	17	33641281	33659558	18278	30	-0.451245	0.027001	33640689	33641874	33658997	3366011:
457 NA18975	[2515685 chr17	17	36675530	36685343	9814	10	-2.750477	0.079407	36675011	36676049	36684647	3668604:
458 NA18975	[2515685 chr17	17	40929350	41006614	77265	123	0.303641	0.011831	40928640	40930061	41006215	4100701:
459 NA18975	[2515685 chr17	17	41006614	41017837	11224	14	-0.333548	0.039355	41006215	41007013	41017366	4101830:
460 NA18975	[2515685 chr17	17	41726243	41741357	15115	41	0.297573	0.020073	41725776	41726711	41740846	4174186:
461 NA18975	[2515685 chr17	17	41741357	42137411	396055	441	0.623867	0.005746	41740846	41741868	42135210	4214194:
462 NA18975	[2515685 chr17	17	42447536	42487040	39505	67	0.346521	0.015942	42447059	42448014	42486638	4248744:
463 NA18975	[2515685 chr17	17	42970703	42988804	18102	32	-0.400887	0.025888	42970185	42971221	42988208	4298940:
464 NA18975	[2515685 chr17	17	48509183	48510342	1160	2	-0.59443	0.115342	48508969	48509398	48509953	4851073:
465 NA18975	[2515685 chr17	17	60269002	60346613	77612	119	0.304846	0.012274	60268357	60269648	60345268	6034795:
466 NA18975	[2515685 chr17	17	60346613	60349141	2529	2	-0.577728	0.109228	60345268	60347958	60348751	6034953:
467 NA18975	[2515685 chr17	17	75703594	75706115	2522	2	0.596231	0.118064	75702449	75704739	75705816	7570641:
468 NA18975	[2515685 chr18	18	306276	307859	1584	2	0.60606	0.120267	305966	306586	307330	30838:
469 NA18975	[2515685 chr18	18	6902997	6904611	1615	2	-0.5937	0.116553	6902443	6903552	6904056	690516:
470 NA18975	[2515685 chr18	18	9805250	9806206	957	2	-2.311835	0.151307	9804637	9805863	9806038	980637:
471 NA18975	[2515685 chr18	18	14582609	14599044	16436	17	-0.366443	0.03575	14580818	14584401	14598736	1459935:
472 NA18975	[2515685 chr18	18	14726980	14736224	9245	13	0.383096	0.038486	14726667	14727294	14735973	1473647:
473 NA18975	[2515685 chr18	18	36514289	36521090	6802	6	-0.94825	0.062483	36513759	36514820	36520512	3652166:
474 NA18975	[2515685 chr18	18	42791947	42815376	23430	23	-0.838965	0.028445	42749992	42796523	42810800	4288915:
475 NA18975	[2515685 chr18	18	61917747	61920171	2425	4	3.310868	0.147267	61917522	61917973	61919646	6192069:

476 NA18975	[2515685 chr18	18	63110008	63117706	7699	9	-0.834604	0.053215	63109644	63110373	63116010	6311940:
477 NA18975	[2515685 chr18	18	74229522	74234275	4754	32	-0.367544	0.017207	74229210	74229835	74234139	7423441:
478 NA18975	[2515685 chr18	18	74392800	74398225	5426	4	0.675924	0.073791	74390826	74394774	74397790	7439866:
479 NA18975	[2515685 chr19	19	32148	68050	35903	19	0.388358	0.031865	30498	33798	65522	73262
480 NA18975	[2515685 chr19	19	310414	312953	2540	14	-0.639215	0.037898	309687	311142	312913	312994
481 NA18975	[2515685 chr19	19	1352259	1353860	1602	2	0.831636	0.123257	1351723	1352795	1353360	1354367
482 NA18975	[2515685 chr19	19	8708780	8763535	54756	94	-0.344768	0.010566	8708296	8709264	8763160	8763917
483 NA18975	[2515685 chr19	19	23007903	23014812	6910	7	0.715447	0.06059	22990964	23010431	23014157	2301546:
484 NA18975	[2515685 chr19	19	39419837	39422498	2662	4	0.52219	0.080156	39419616	39420059	39421681	3942331:
485 NA18975	[2515685 chr19	19	40543556	40553596	10041	7	-0.639177	0.060357	40543292	40543821	40553353	4055384:
486 NA18975	[2515685 chr19	19	41450186	41493613	43428	28	-0.663628	0.022084	41421528	41452714	41491085	4149785:
487 NA18975	[2515685 chr19	19	41532761	41540854	8094	2	0.641108	0.112033	41532090	41533433	41538691	41543017
488 NA18975	[2515685 chr19	19	42450472	42487512	37041	33	-0.697213	0.019316	42413600	42453000	42486487	4248853:
489 NA18975	[2515685 chr19	19	42534744	42540348	5605	2	-1.123779	0.117033	42530910	42537272	42537820	4254471:
490 NA18975	[2515685 chr19	19	46052634	46069460	16827	15	-0.475206	0.04082	46052289	46052980	46066932	46072517
491 NA18975	[2515685 chr19	19	53098479	53154327	55849	104	-0.485453	0.005273	53098017	53098941	53152350	5315630:
492 NA18975	[2515685 chr19	19	55285877	55336157	50281	104	-0.485453	0.005273	55285730	55286025	55335244	5533707:
493 NA18975	[2515685 chr19	19	56788987	56794225	5239	5	0.362891	0.064146	56788678	56789297	56793541	5679491:
494 NA18975	[2515685 chr19	19	56824422	56827216	2795	5	-0.691328	0.065205	56824136	56824709	56826331	56828107
495 NA18975	[2515685 chr19	19	56827216	56836311	9096	7	-4.187563	0.117884	56826331	56828101	56834905	5683771:
496 NA18975	[2515685 chr19	19	56836311	56838549	2239	2	-0.677898	0.098243	56834905	56837718	56838287	56838817
497 NA18975	[2515685 chr19	19	56839030	56840752	1723	3	-2.595701	0.138706	56838811	56839249	56840372	5684113:
498 NA18975	[2515685 chr19	19	56840752	56841964	1213	3	-0.57955	0.075565	56840372	56841133	56841608	56842327
499 NA18975	[2515685 chr19	19	58169057	58171564	2508	2	0.484507	0.091924	58168791	58169324	58171021	58172107
500 NA18975	[2515685 chr19	19	58209430	58245460	36031	28	-0.72646	0.02769	58208997	58209863	58245024	5824589:
501 NA18975	[2515685 chr19	19	59247755	59252061	4307	5	0.913163	0.07112	59246427	59249084	59251854	5925226:
502 NA18975	[2515685 chr19	19	59420142	59435274	15133	18	-0.602979	0.034344	59419795	59420489	59435027	5943552:
503 NA18975	[2515685 chr19	19	60958920	60976029	17110	15	-0.49239	0.037372	60957933	60959907	60975748	6097631:
504 NA18975	[2515685 chr20	20	1511097	1532477	21381	26	0.829365	0.031237	1510534	1511660	1532182	153277:
505 NA18975	[2515685 chr20	20	1549781	1552625	2845	2	-0.575615	0.114768	1549383	1550179	1550977	1554274
506 NA18975	[2515685 chr20	20	25714683	25747058	32376	46	-0.255835	0.021135	25714340	25715026	25746965	25747157
507 NA18975	[2515685 chr20	20	25769130	25774048	4919	7	-0.401205	0.056265	25768333	25769927	25773787	2577431:
508 NA18975	[2515685 chr20	20	25941300	25944046	2747	4	-0.39788	0.071321	25940088	25942512	25943249	2594484:
509 NA18975	[2515685 chr20	20	25966118	25998492	32375	46	-0.255833	0.021135	25966025	25966211	25998149	2599883:
510 NA18975	[2515685 chr20	20	28233444	28247753	14310	21	0.267642	0.028588	28233184	28233704	28247537	2824796:
511 NA18975	[2515685 chr20	20	59951513	59957050	5538	18	0.653655	0.034032	59950681	59952345	59956538	5995756:
512 NA18975	[2515685 chr20	20	62066380	62068214	1835	8	1.791998	0.06273	62066146	62066615	62067671	6206875:
513 NA18975	[2515685 chr21	21	22576580	22588071	11492	12	-0.925932	0.049907	22576051	22577109	22587425	2258871:
514 NA18975	[2515685 chr22	22	14477508	14747237	269730	511	-0.347074	0.005161	14475442	14479575	14746998	14747477
515 NA18975	[2515685 chr22	22	14749024	14832930	83907	146	-0.347074	0.005161	14748545	14749504	14831369	1483449:
516 NA18975	[2515685 chr22	22	17070824	17078111	7288	3	-0.449626	0.061998	17070819	17070829	17077823	1707840:
517 NA18975	[2515685 chr22	22	17385504	17397941	12438	22	-0.297167	0.031661	17385031	17385977	17397517	1739836:
518 NA18975	[2515685 chr22	22	18744519	18852820	108302	132	-0.412149	0.011487	18742262	18746777	18852767	1885287:
519 NA18975	[2515685 chr22	22	18855677	18881583	25907	19	-0.412149	0.011487	18855392	18855962	18878903	1893414:
520 NA18975	[2515685 chr22	22	18984632	19006028	21397	15	-0.332449	0.033178	18984129	18985135	19005987	1900607:
521 NA18975	[2515685 chr22	22	19380073	19419486	39414	12	-0.478333	0.044049	19377752	19382395	19416806	1940992:
522 NA18975	[2515685 chr22	22	20012065	20042869	30805	30	-0.372486	0.008026	20011608	20012523	20042584	2004315:
523 NA18975	[2515685 chr22	22	20047736	20121795	74060	118	-0.372486	0.008026	20047456	20048017	20121548	2012204:
524 NA18975	[2515685 chr22	22	20137248	20243641	106394	148	-0.372486	0.008026	20136561	20137935	20240961	2030228:
525 NA18975	[2515685 chr22	22	22672624	22720154	47531	49	0.859044	0.025156	22672391	22672858	22719882	2272042:
526 NA18975	[2515685 chr22	22	23914104	23915578	1475	2	-0.610239	0.116338	23913704	23914504	23915200	2391595:
527 NA18975	[2515685 chr22	22	33619409	33623490	4082	5	0.86514	0.0694	33618939	33619879	33622642	3362433:
528 NA18975	[2515685 chr22	22	43455661	43458419	2759	3	-0.860873	0.099588	43455369	43455954	43457346	4345949:
529 NA18975	[2515685 chr22	22	43790663	43878995	88333	3	-0.519116	0.089315	43700090	43793343	43876436	4388155:

Notes:

1. Midpoint position of non-copy number variable probes that immediately flank the CNV region (5' = start, 3' = end)
2. Midpoint position of first (start; 5') and last (end; 3') probes in the CNV interval