

Data S3. H3K4me3 and H3K27me3 significant peaks on X chromosome in female fetal brain fibroblasts ChIP-seq data.

Data S3A. Significant H3K4me3 peaks on X chromosome in female fetal brain ChIP-seq data.

chr	start	end	length	# of tags	$-10 \cdot \log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	3014606	3016946	2341	111	341.81	12.77	0.03
chrX	3028334	3029694	1361	56	154.16	12.33	0.17
chrX	3103433	3104155	723	43	176.78	9.69	0.13
chrX	3105196	3107623	2428	111	316.14	9.25	0.03
chrX	3164035	3167601	3567	182	627.28	14.54	0
chrX	3212521	3215305	2785	158	576.23	12.33	0
chrX	3263079	3265570	2492	91	201.62	9.25	0.1
chrX	3274236	3276559	2324	109	325.77	12.77	0.03
chrX	3281308	3282200	893	31	74.77	5.73	0.43
chrX	3314610	3316497	1888	72	176.43	9.69	0.13
chrX	3316810	3318273	1464	67	198.79	11.01	0.1
chrX	3360282	3363332	3051	185	714.91	13.21	0
chrX	3370206	3372309	2104	102	310.43	11.45	0.03
chrX	3400855	3402708	1854	96	326.72	11.01	0.03
chrX	3462055	3465513	3459	168	515.48	9.69	0.01
chrX	3842605	3843475	871	28	62.13	5.29	0.56
chrX	3922036	3924951	2916	140	432.42	12.33	0.01
chrX	4313651	4316346	2696	105	251.72	10.57	0.06
chrX	4708380	4710169	1790	57	111.56	7.49	0.25
chrX	4898975	4899834	860	31	78.44	6.17	0.39
chrX	4899854	4901954	2101	149	656.19	18.06	0
chrX	4953121	4954170	1050	36	83.33	7.05	0.35
chrX	4990425	4991969	1545	62	164.05	9.25	0.17
chrX	4993049	4994116	1068	34	71.77	5.29	0.46
chrX	5187924	5188848	925	30	66.48	5.73	0.53
chrX	5288454	5290748	2295	102	293.54	8.81	0.04
chrX	5338377	5340102	1726	103	400.55	12.33	0.02
chrX	5483354	5486696	3343	134	330.26	8.37	0.03
chrX	5486761	5488172	1412	59	158.81	8.81	0.17
chrX	5610895	5611984	1090	38	89.18	7.05	0.34
chrX	5726273	5727448	1176	46	121.73	5.73	0.2
chrX	5728301	5730750	2450	77	147.53	6.17	0.17
chrX	5987531	5990281	2751	110	272.2	9.69	0.05
chrX	6590700	6592626	1927	70	161.38	8.81	0.17
chrX	6595092	6597224	2133	88	234.18	8.37	0.08
chrX	6875745	6876855	1111	31	54.68	4.4	0.76
chrX	6913136	6914468	1333	47	103.67	5.29	0.28
chrX	7117880	7119721	1842	99	349.16	14.54	0.03
chrX	7176746	7177941	1196	42	98.09	6.61	0.3
chrX	7335511	7337023	1513	56	130.03	6.61	0.18
chrX	7593262	7595916	2655	202	945.72	20.26	0
chrX	7624506	7627838	3333	172	562.57	11.89	0
chrX	7772788	7774135	1348	134	621.36	27.27	0
chrX	7977873	7979035	1163	40	91.5	6.17	0.31

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	8201680	8202846	1167	72	260.49	23.19	0.06
chrX	8225562	8227319	1758	342	1275.97	19.85	0
chrX	8337739	8338795	1057	32	63.53	6.61	0.54
chrX	9115381	9117398	2018	84	220.95	7.93	0.08
chrX	9300726	9301395	670	22	52.88	5.29	0.81
chrX	9432798	9434298	1501	52	116.02	6.61	0.23
chrX	9947551	9950092	2542	103	259.84	7.93	0.06
chrX	10030066	10031292	1227	35	62.38	10.13	0.56
chrX	10921219	10922415	1197	44	108.37	8.37	0.27
chrX	11406263	11407404	1142	47	126.09	7.49	0.2
chrX	11425805	11426600	796	28	69.95	5.73	0.47
chrX	11513325	11515371	2047	98	306.96	11.89	0.03
chrX	11517543	11519203	1661	50	87.03	5.29	0.34
chrX	11545252	11546081	830	33	93.07	6.17	0.31
chrX	11603343	11604397	1055	44	126.25	7.05	0.2
chrX	11626995	11632278	5284	323	1227.8	18.5	0
chrX	11650274	11652184	1911	88	265.88	10.57	0.06
chrX	11676566	11678227	1662	58	129.08	6.17	0.18
chrX	11696386	11697967	1582	54	112.63	5.73	0.25
chrX	11741972	11742807	836	25	51.34	4.85	0.91
chrX	11887487	11888248	762	25	58.35	5.29	0.6
chrX	11956508	11959314	2807	240	191.95	4.68	0.1
chrX	12010940	12012236	1297	41	83.07	6.17	0.36
chrX	12108742	12112393	3652	221	848.61	12.77	0
chrX	12253631	12255787	2157	83	198.02	8.81	0.1
chrX	12293366	12294701	1336	51	129.43	9.25	0.18
chrX	12364407	12365891	1485	54	127.98	6.61	0.19
chrX	12514774	12515696	923	35	92.49	7.49	0.31
chrX	12670622	12671939	1318	46	105.26	7.05	0.27
chrX	12728607	12729872	1266	36	63.5	7.05	0.54
chrX	12835345	12836766	1422	55	140.73	9.25	0.17
chrX	12968769	12970415	1647	64	156.85	7.49	0.17
chrX	13085628	13086953	1326	46	104.41	12.33	0.27
chrX	13249257	13250556	1300	38	68.71	7.01	0.49
chrX	13387602	13391388	3787	176	513.76	10.57	0.01
chrX	13421366	13422672	1307	38	68.73	7.93	0.49
chrX	13729007	13729854	848	26	54.85	5.73	0.75
chrX	13729900	13730829	930	31	65.99	5.73	0.53
chrX	13795774	13798379	2606	134	445.82	13.65	0.01
chrX	14411205	14412255	1051	29	50.99	6.17	0.94
chrX	14420097	14422322	2226	129	476.45	12.77	0.01
chrX	14464382	14471523	7142	489	2053.58	15.42	0
chrX	14526845	14528492	1648	79	251.05	12.33	0.07
chrX	14614302	14616473	2172	104	318.46	13.65	0.03
chrX	14616487	14617925	1439	82	309.08	19.38	0.03
chrX	14649295	14650250	956	27	50.04	5.29	1.01
chrX	14712491	14713290	800	25	54.63	5.29	0.76
chrX	14723008	14727260	4253	163	366.11	8.37	0.02

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	14759872	14762114	2243	74	143.63	7.05	0.17
chrX	14809080	14810284	1205	36	68.55	9.25	0.49
chrX	14823962	14825170	1209	41	91.69	8.81	0.31
chrX	15052071	15052974	904	32	78.71	5.73	0.39
chrX	15068532	15069704	1173	50	145.04	11.89	0.17
chrX	16966125	16967520	1396	52	122.39	5.73	0.2
chrX	16969363	16970646	1284	41	79.64	5.73	0.38
chrX	16972456	16973525	1070	37	86.25	9.25	0.34
chrX	17257977	17259200	1224	42	95.11	5.29	0.3
chrX	17403703	17405539	1837	75	199.39	8.37	0.1
chrX	17411566	17413150	1585	80	261.53	10.13	0.06
chrX	17457519	17458779	1261	40	81.76	8.81	0.37
chrX	17494377	17496657	2281	92	237.44	10.13	0.08
chrX	17496711	17498049	1339	48	108.07	8.37	0.27
chrX	17573735	17577070	3336	160	484.79	11.89	0.01
chrX	17577131	17578420	1290	37	65.83	8.81	0.53
chrX	17694517	17696311	1795	69	171.43	10.13	0.16
chrX	18601184	18605824	4641	194	510.05	9.25	0.01
chrX	20046914	20047750	837	27	55.87	5.29	0.71
chrX	21673897	21675397	1501	46	87.47	7.93	0.34
chrX	21718133	21719659	1527	65	183.68	12.33	0.11
chrX	21758437	21760099	1663	65	160.33	10.57	0.17
chrX	21825828	21827199	1372	53	135.94	9.69	0.18
chrX	21846032	21848607	2576	101	239.22	10.13	0.08
chrX	21932424	21934795	2372	106	300.3	9.69	0.04
chrX	21935729	21936934	1206	34	59.82	5.73	0.59
chrX	22043216	22044356	1141	42	99.01	5.73	0.3
chrX	22172878	22175429	2552	132	442.11	13.21	0.01
chrX	22252714	22254975	2262	131	490.47	14.54	0.01
chrX	22855177	22855974	798	24	50.16	5.29	0.99
chrX	22857922	22860077	2156	102	314.72	9.69	0.03
chrX	22995662	22998596	2935	168	616.75	13.65	0
chrX	23028824	23029692	869	26	52.97	7.49	0.81
chrX	23081464	23082861	1398	46	97.06	7.05	0.3
chrX	23141524	23142854	1331	43	84.56	4.4	0.35
chrX	23142921	23144036	1116	41	96.61	6.17	0.3
chrX	23144056	23146642	2587	155	588.27	14.98	0
chrX	23217248	23219419	2172	108	350.39	12.33	0.03
chrX	23232770	23234638	1869	57	100.07	6.17	0.3
chrX	23673831	23675883	2053	67	128.84	7.05	0.18
chrX	23800254	23801330	1077	42	111.98	8.37	0.25
chrX	24039714	24040934	1221	36	67.19	7.05	0.52
chrX	24235943	24238187	2245	103	307.08	11.45	0.03
chrX	24365041	24366844	1804	69	164.99	6.61	0.17
chrX	24462398	24463138	741	24	55.56	6.17	0.72
chrX	24477867	24479990	2124	216	77.22	5.18	0.41
chrX	24573808	24574913	1106	55	186.64	10.13	0.11
chrX	24978054	24979388	1335	44	93.64	5.73	0.31

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	25277003	25281375	4373	185	318.51	6.27	0.03
chrX	25282007	25288378	6372	317	425.67	6.86	0.01
chrX	25291152	25295039	3888	194	280.26	6.02	0.05
chrX	26480301	26482891	2591	96	114.04	5.38	0.24
chrX	26600978	26602199	1222	115	280.53	8.21	0.05
chrX	26996583	26999789	3207	140	382.49	7.93	0.02
chrX	27333677	27336110	2434	97	240.26	9.25	0.08
chrX	27458361	27460397	2037	101	321.37	18.5	0.03
chrX	27460477	27461861	1385	58	156.68	10.13	0.17
chrX	27595366	27597351	1986	64	121.17	5.73	0.2
chrX	27651985	27653377	1393	47	97.55	7.05	0.3
chrX	27726112	27727246	1135	42	104.96	7.93	0.27
chrX	27857226	27859637	2412	86	184.93	9.25	0.11
chrX	28031003	28035217	4215	225	758.1	11.89	0
chrX	28058616	28061373	2758	133	413.65	8.37	0.02
chrX	28062664	28063732	1069	40	96.7	7.05	0.3
chrX	28140427	28141949	1523	59	150.2	7.49	0.17
chrX	28142336	28143197	862	27	58.23	5.73	0.62
chrX	28209068	28212229	3162	197	779.06	14.98	0
chrX	28218505	28219525	1021	33	71.53	4.85	0.46
chrX	28236210	28237578	1369	53	136.31	9.69	0.18
chrX	28237721	28239053	1333	58	163.82	11.01	0.17
chrX	28243467	28246964	3498	207	772.51	14.1	0
chrX	28319637	28320794	1158	37	77.39	6.61	0.41
chrX	28367059	28369532	2474	120	370.93	8.37	0.02
chrX	28459569	28460601	1033	45	135.28	7.49	0.18
chrX	28567352	28568643	1292	42	88.25	8.37	0.34
chrX	28653833	28657203	3371	145	394.68	10.13	0.02
chrX	28657232	28658515	1284	39	70.65	9.69	0.46
chrX	28714946	28716539	1594	59	141.74	8.37	0.18
chrX	28740428	28742878	2451	106	294.93	9.25	0.04
chrX	31011711	31013888	2178	88	228.29	7.49	0.08
chrX	31032465	31033750	1286	34	53.83	6.61	0.78
chrX	31318522	31319687	1166	41	96.24	6.17	0.3
chrX	31319816	31320649	834	30	70.93	7.93	0.46
chrX	31320798	31321816	1019	33	62.37	7.05	0.56
chrX	31347191	31349777	2587	164	662.09	17.18	0
chrX	31371203	31373001	1799	65	144.7	11.89	0.17
chrX	31429394	31430454	1061	40	102.98	7.05	0.28
chrX	31508477	31510203	1727	56	112.81	7.49	0.25
chrX	31626560	31629320	2761	128	375.74	14.98	0.02
chrX	31661511	31663277	1767	62	128.09	6.17	0.19
chrX	32128032	32129225	1194	43	103.46	6.61	0.28
chrX	32293988	32295163	1176	34	62.23	5.73	0.56
chrX	32931948	32934496	2549	203	984.93	19.38	0
chrX	32942257	32943293	1037	29	52.08	6.61	0.87
chrX	32943432	32946290	2859	154	534.27	13.21	0
chrX	32947616	32949309	1694	65	161.99	10.13	0.17

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	32987384	32989754	2371	105	294.48	10.57	0.04
chrX	33305843	33310905	5063	245	736.84	11.01	0
chrX	33311334	33312555	1222	34	58.57	6.17	0.6
chrX	33482306	33483267	962	30	62.95	5.73	0.56
chrX	33779086	33780353	1268	35	59.18	7.93	0.6
chrX	34220795	34224822	4028	196	600.61	11.45	0
chrX	34629259	34630910	1652	67	178.34	10.57	0.12
chrX	35200862	35201887	1026	30	57.28	4.4	0.65
chrX	35202163	35204157	1995	73	164.13	9.25	0.17
chrX	35205005	35207831	2827	140	447.05	10.13	0.01
chrX	35244929	35245988	1060	38	92.48	7.93	0.31
chrX	35245993	35247968	1976	76	176.72	7.49	0.13
chrX	35398921	35400362	1442	49	107.25	8.37	0.26
chrX	35481126	35486234	5109	336	1371.96	18.94	0
chrX	35566640	35567894	1255	43	96.86	10.57	0.3
chrX	35568282	35571203	2922	192	788.93	14.98	0
chrX	35598901	35600343	1443	75	259.98	14.54	0.06
chrX	35649942	35652661	2720	147	512.52	11.01	0.01
chrX	35670589	35672001	1413	53	131	11.45	0.18
chrX	35734724	35736138	1415	53	130.77	6.17	0.18
chrX	35737529	35738438	910	27	53.89	4.4	0.78
chrX	36027591	36030463	2873	172	658.25	16.74	0
chrX	36031228	36033851	2624	129	403.72	11.45	0.02
chrX	36034021	36035275	1255	41	87.07	4.85	0.34
chrX	36138036	36139759	1724	67	169.22	7.05	0.16
chrX	36218303	36220184	1882	126	530.35	18.5	0
chrX	36361869	36363133	1265	54	155.69	10.13	0.17
chrX	37251603	37252314	712	24	58.54	7.93	0.6
chrX	37377530	37382710	5181	241	699.71	12.77	0
chrX	37452979	37454115	1137	36	74.66	5.29	0.43
chrX	37921288	37925285	3998	173	459.21	9.69	0.01
chrX	37925297	37926298	1002	36	83.4	7.93	0.35
chrX	38073332	38074144	813	27	63.05	5.73	0.54
chrX	38759693	38760901	1209	42	96.69	10.57	0.3
chrX	38796441	38798779	2339	100	275.43	10.13	0.05
chrX	38882703	38883697	995	30	59.96	6.17	0.59
chrX	38981119	38984395	3277	164	519.95	12.33	0
chrX	39117708	39118585	878	240	1313.56	17.61	0
chrX	39130367	39131352	986	30	60.76	7.93	0.56
chrX	39641897	39645417	3521	177	569.38	9.25	0
chrX	39645858	39646993	1136	33	61.2	6.17	0.56
chrX	39845755	39846738	984	42	124.4	10.13	0.2
chrX	39846861	39848536	1676	97	360.58	10.57	0.02
chrX	39954505	39956529	2025	74	171.11	7.93	0.16
chrX	40180751	40183865	3115	234	1081.13	21.58	0
chrX	40252527	40257749	5223	371	1624.97	15.86	0
chrX	40288707	40292700	3994	224	792.93	12.77	0
chrX	40319416	40320591	1176	38	80.4	9.25	0.38

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	40637499	40640098	2600	105	263.58	8.81	0.06
chrX	41846238	41847275	1038	29	52	5.29	0.88
chrX	42020291	42021629	1339	44	93.24	7.05	0.31
chrX	42022384	42024178	1795	86	271.66	9.69	0.05
chrX	42066809	42068564	1756	78	228.18	11.01	0.08
chrX	42151299	42152955	1657	90	322.33	14.54	0.03
chrX	42202982	42205021	2040	158	754.74	16.3	0
chrX	42257105	42258754	1650	63	156.49	7.93	0.17
chrX	42294805	42296692	1888	113	438.84	15.86	0.01
chrX	42359452	42363402	3951	267	1126.9	13.21	0
chrX	42367289	42368417	1129	36	75.42	6.17	0.43
chrX	42446585	42448088	1504	61	163.74	7.49	0.17
chrX	42479763	42481746	1984	87	243.01	8.81	0.08
chrX	42522422	42526689	4268	235	816.28	14.1	0
chrX	42577219	42578963	1745	85	273.46	10.13	0.05
chrX	42788377	42789802	1426	62	180.24	8.37	0.12
chrX	42892711	42894965	2255	93	240.8	9.25	0.08
chrX	43175934	43177064	1131	35	70.58	6.17	0.46
chrX	43177340	43178833	1494	47	92.66	4.85	0.31
chrX	43227289	43231852	4564	385	1922.85	21.58	0
chrX	43270029	43272637	2609	98	224.73	7.05	0.08
chrX	43370528	43371202	675	26	73.5	5.73	0.44
chrX	43539555	43540947	1393	46	97.55	5.29	0.3
chrX	43656197	43658103	1907	81	224.45	9.69	0.08
chrX	43677970	43678810	841	26	55.5	4.85	0.72
chrX	43851658	43852827	1170	35	67.12	4.85	0.52
chrX	45146469	45149194	2726	109	264.34	8.37	0.06
chrX	45890514	45893525	3012	120	289.15	10.57	0.04
chrX	46314273	46315679	1407	45	91.45	6.17	0.31
chrX	46389938	46391348	1411	44	86.44	7.93	0.34
chrX	48543083	48546323	3241	141	383.58	11.01	0.02
chrX	50951976	50956257	4282	152	153.71	4.79	0.17
chrX	52093898	52094737	840	26	55.59	4.85	0.72
chrX	52096554	52098436	1883	83	239.66	8.37	0.08
chrX	52098465	52100887	2423	82	154.69	7.05	0.17
chrX	52214760	52217832	3073	168	243.67	5.44	0.07
chrX	52217848	52219396	1549	62	151.41	8.76	0.17
chrX	52425063	52427227	2165	123	453.33	10.57	0.01
chrX	52428136	52429625	1490	68	200.98	8.37	0.1
chrX	52675541	52676753	1213	44	106.54	7.93	0.26
chrX	52788860	52790172	1313	38	68.24	4.4	0.5
chrX	52810146	52811284	1139	35	69.85	4.85	0.47
chrX	52822164	52823399	1236	45	109.16	5.73	0.27
chrX	52824077	52825064	988	34	79.82	7.49	0.38
chrX	53315578	53319132	3555	164	463.38	11.89	0.01
chrX	53489425	53490739	1315	34	51.81	9.25	0.89
chrX	53521593	53526280	4688	225	683.65	9.69	0
chrX	53654899	53657009	2111	69	132.72	6.17	0.18

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	54067722	54068636	915	28	57.99	9.25	0.63
chrX	54108029	54109233	1205	43	50.56	6.57	0.96
chrX	54192361	54194505	2145	108	355	12.77	0.02
chrX	54264233	54267602	3370	132	316.01	8.81	0.03
chrX	55380625	55382310	1686	63	146.96	7.49	0.17
chrX	55452074	55454093	2020	96	292.39	12.33	0.04
chrX	55858200	55859032	833	26	56.24	5.73	0.68
chrX	56100392	56102067	1676	66	169.68	5.73	0.16
chrX	56103632	56105134	1503	59	147.19	7.05	0.17
chrX	56144857	56152459	7603	421	1446.31	13.21	0
chrX	56159035	56161883	2849	126	356.61	11.01	0.02
chrX	56304761	56308909	4149	184	502.51	10.13	0.01
chrX	56367614	56368420	807	26	53.98	6.17	0.77
chrX	56479992	56481242	1251	59	188.34	11.45	0.11
chrX	56482039	56484040	2002	73	163.36	6.61	0.17
chrX	56681011	56682318	1308	56	161.44	7.93	0.17
chrX	56829694	56832683	2990	119	291.87	6.61	0.04
chrX	57203289	57204469	1181	35	66.18	9.69	0.53
chrX	57206374	57207298	925	27	52.6	5.29	0.83
chrX	57337460	57339222	1763	87	283.35	9.25	0.04
chrX	57627778	57628563	786	25	55.97	4.85	0.7
chrX	57631267	57632275	1009	33	72.71	5.73	0.44
chrX	57772145	57774055	1911	64	128.26	6.61	0.19
chrX	58467844	58468916	1073	34	71.3	7.93	0.46
chrX	58469157	58471901	2745	107	256.59	8.37	0.06
chrX	58689458	58692567	3110	149	458.02	10.13	0.01
chrX	58764805	58766945	2141	72	143.99	7.05	0.17
chrX	59188468	59189301	834	26	56.15	4.85	0.68
chrX	59426653	59430910	4258	262	1017.82	9.69	0
chrX	59755111	59756462	1352	53	138.42	7.49	0.17
chrX	59865977	59868077	2101	67	124.43	7.05	0.2
chrX	60251699	60252846	1148	35	69.05	5.29	0.48
chrX	63142118	63143476	1359	48	105.94	6.17	0.27
chrX	63147696	63148486	791	30	81.23	7.93	0.37
chrX	64128972	64131268	2297	100	281.33	11.89	0.06
chrX	64141464	64143520	2057	90	256.31	7.93	0.06
chrX	64277872	64278738	867	26	53.14	6.61	0.8
chrX	64365733	64366518	786	24	50.85	4.38	0.95
chrX	64387064	64388535	1472	50	109.1	6.61	0.27
chrX	64388564	64389496	933	31	60.97	7.05	0.56
chrX	64689141	64690955	1815	80	231.58	12.33	0.08
chrX	64707440	64709389	1950	68	148.72	7.93	0.17
chrX	64755224	64756551	1328	43	89.54	7.49	0.33
chrX	64765728	64767078	1351	44	87.35	7.49	0.34
chrX	64768316	64769272	957	34	83.19	7.05	0.36
chrX	64775998	64777183	1186	41	94.1	8.37	0.3
chrX	64779976	64780786	811	25	53.61	5.73	0.79
chrX	64780925	64781977	1053	39	93.27	5.73	0.31

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	64792744	64793951	1208	42	96.8	8.81	0.3
chrX	64795621	64796537	917	27	53.28	7.93	0.8
chrX	64802457	64803593	1137	35	70.03	7.49	0.47
chrX	64809168	64811045	1878	78	211.05	8.81	0.09
chrX	64818067	64818956	890	26	51.15	4.85	0.93
chrX	64832633	64833931	1299	41	82.88	6.17	0.36
chrX	64848936	64851808	2873	148	491.43	10.13	0.01
chrX	64857751	64860471	2721	128	381.9	12.33	0.02
chrX	64862358	64863405	1048	33	68.95	4.4	0.48
chrX	64863950	64865275	1326	51	130.65	6.17	0.18
chrX	64865552	64866743	1192	32	52.66	6.17	0.83
chrX	64868626	64869455	830	25	51.88	3.96	0.88
chrX	64870513	64871704	1192	41	93.46	12.77	0.31
chrX	64876199	64878729	2531	104	266.84	11.89	0.06
chrX	64884274	64886525	2252	119	409.1	13.21	0.02
chrX	64893043	64894800	1758	68	169.31	9.2	0.16
chrX	64906721	64910298	3578	161	453.95	12.33	0.01
chrX	64912213	64913456	1244	49	129.83	11.01	0.18
chrX	64923531	64924886	1356	55	149.12	8.81	0.17
chrX	64932738	64934241	1504	59	147.07	8.37	0.17
chrX	64964217	64965915	1699	51	79.49	4.55	0.38
chrX	64966755	64968153	1399	44	71.31	5.41	0.46
chrX	64977353	64980081	2729	135	431.22	10.57	0.01
chrX	64989401	64990839	1439	56	144.12	10.13	0.17
chrX	64995973	64998464	2492	112	318.77	10.13	0.03
chrX	65127959	65129128	1170	47	128.1	7.93	0.19
chrX	65153461	65155988	2528	94	213.08	8.37	0.09
chrX	65795873	65797046	1174	33	58.13	6.61	0.62
chrX	66941183	66942510	1328	46	104.2	9.69	0.27
chrX	67094092	67095675	1584	61	153.64	7.93	0.17
chrX	67219075	67220491	1417	42	72	5.26	0.45
chrX	67367729	67369635	1907	90	278.95	13.21	0.05
chrX	68740685	68743051	2367	85	179.68	7.05	0.12
chrX	69268503	69270406	1904	79	213.3	12.77	0.09
chrX	69461163	69462964	1802	75	204.04	8.37	0.1
chrX	69639466	69640781	1316	49	121.06	11.01	0.2
chrX	69654110	69655572	1463	83	311.34	10.13	0.03
chrX	69658310	69659401	1092	35	74.22	8.37	0.43
chrX	69659544	69662155	2612	159	612.05	11.45	0
chrX	69669374	69670385	1012	31	62.99	6.17	0.55
chrX	69682648	69684668	2021	84	226.26	11.89	0.08
chrX	69699271	69701198	1928	113	430.41	13.21	0.01
chrX	69711393	69713126	1734	76	219.39	11.45	0.08
chrX	69813587	69816446	2860	115	286.11	7.93	0.04
chrX	69867734	69870328	2595	174	728.82	15.42	0
chrX	69870855	69872090	1236	46	109.16	9.25	0.27
chrX	69898684	69903576	4893	340	1463.68	17.18	0
chrX	69942834	69945574	2741	154	556.88	15.42	0

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	69956538	69957534	997	30	59.78	4.4	0.59
chrX	69973114	69976586	3473	198	713.63	11.45	0
chrX	69982488	69983320	833	25	51.61	6.17	0.9
chrX	69984446	69986238	1793	64	135.28	6.61	0.18
chrX	70048478	70049978	1501	68	205.44	9.25	0.09
chrX	70106565	70108026	1462	53	125.36	7.05	0.2
chrX	70529637	70530574	938	32	75.03	6.17	0.43
chrX	70633465	70636180	2716	149	527	12.33	0
chrX	70724128	70725189	1062	47	143.11	9.69	0.17
chrX	70725216	70725901	686	23	51.26	5.73	0.92
chrX	70943655	70944841	1187	34	61.34	6.17	0.56
chrX	71012945	71016155	3211	192	731.69	12.77	0
chrX	71054936	71056432	1497	52	116.44	7.93	0.22
chrX	71070045	71071492	1448	49	101.76	7.05	0.3
chrX	71073350	71075633	2284	90	220.5	7.05	0.08
chrX	71404331	71405584	1254	35	60.25	6.61	0.58
chrX	71469134	71470297	1164	45	117.71	7.05	0.21
chrX	71564501	71565446	946	27	50.85	5.29	0.95
chrX	71602915	71604181	1267	42	90.71	6.17	0.32
chrX	71616676	71618015	1340	50	118.29	8.37	0.21
chrX	71691743	71692689	947	29	59.69	8.37	0.59
chrX	71692847	71694519	1673	69	181.25	8.37	0.12
chrX	71729016	71730525	1510	58	146.33	9.69	0.17
chrX	71740816	71742222	1407	51	115.99	6.17	0.23
chrX	71742460	71743996	1537	64	165.08	6.61	0.17
chrX	71751595	71753265	1671	48	77.77	4.4	0.4
chrX	71772292	71775580	3289	215	885.56	14.54	0
chrX	71776341	71778246	1906	82	230.44	10.57	0.08
chrX	71801783	71803507	1725	67	169.09	7.93	0.16
chrX	71804880	71806523	1644	69	190.85	10.57	0.11
chrX	71806800	71809757	2958	148	476.72	10.13	0.01
chrX	71816479	71819480	3002	161	555.29	11.01	0
chrX	71824277	71825594	1318	40	76.6	6.17	0.42
chrX	71837045	71837987	943	38	106.72	7.05	0.26
chrX	71838001	71838928	928	35	86.5	8.37	0.34
chrX	71850447	71853184	2738	141	468.9	14.98	0.01
chrX	71860098	71860956	859	28	58.51	6.61	0.6
chrX	71861114	71864439	3326	152	443	10.13	0.01
chrX	71875611	71876992	1382	47	98.65	5.29	0.3
chrX	71882237	71883783	1547	62	163.79	8.81	0.17
chrX	71949826	71952440	2615	126	386.14	9.69	0.02
chrX	71961986	71964343	2358	78	151.48	6.61	0.17
chrX	71976402	71977430	1029	31	57.03	5.73	0.66
chrX	72058120	72059240	1121	35	71.49	5.73	0.46
chrX	72059301	72060438	1138	52	156.14	9.25	0.17
chrX	72075114	72075942	829	26	56.62	7.05	0.67
chrX	72081939	72083862	1924	140	638.56	14.1	0
chrX	72089031	72090860	1830	97	337.79	12.77	0.03

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	72099327	72100975	1649	61	140.71	9.25	0.17
chrX	72101608	72103008	1401	91	383.83	14.98	0.02
chrX	72109088	72110411	1324	38	67.35	8.81	0.52
chrX	72117346	72119892	2547	89	185.71	10.57	0.11
chrX	72124823	72126891	2069	89	248.7	9.69	0.07
chrX	72141781	72144745	2965	171	624.86	15.42	0
chrX	72146271	72147332	1062	39	92.25	7.49	0.31
chrX	72187217	72188879	1663	92	335.02	13.65	0.03
chrX	72212292	72213864	1573	55	123.45	8.81	0.2
chrX	72239274	72240121	848	34	96.4	7.05	0.3
chrX	72266315	72269098	2784	163	611.95	13.21	0
chrX	72320951	72334948	13998	1061	549.8	4.9	0
chrX	72388537	72390586	2050	86	233.85	11.45	0.08
chrX	72436313	72438813	2501	103	265.11	8.81	0.06
chrX	72454955	72457920	2966	161	548.38	14.54	0
chrX	72637395	72639482	2088	90	251.91	10.13	0.06
chrX	72646161	72647940	1780	67	162.48	8.37	0.17
chrX	72786512	72787447	936	27	51.68	4.85	0.9
chrX	72787504	72788713	1210	59	188.62	8.37	0.11
chrX	72849114	72850142	1029	32	66.05	5.73	0.53
chrX	73189213	73191649	2437	133	469.99	13.65	0.01
chrX	73384012	73385492	1481	58	144.43	7.49	0.17
chrX	73390530	73391656	1127	31	53.45	7.49	0.79
chrX	73436501	73437936	1436	50	107.87	5.29	0.27
chrX	73444899	73446581	1683	63	147.3	10.57	0.17
chrX	73466145	73467428	1284	37	66.31	6.17	0.53
chrX	73573515	73576538	3024	154	504.57	10.13	0.01
chrX	73602755	73605673	2919	126	340.79	10.57	0.03
chrX	74648095	74649804	1710	60	134.03	7.49	0.18
chrX	75597680	75598572	893	29	64.8	6.61	0.53
chrX	77115812	77118580	2769	202	561.28	12.02	0
chrX	77124593	77126999	2407	135	352.21	8.46	0.03
chrX	77128531	77130911	2381	92	115.04	6.16	0.23
chrX	77140819	77144195	3377	173	376.35	10.63	0.02
chrX	77164125	77165948	1824	65	96.87	7.57	0.3
chrX	77170415	77172248	1834	80	85.11	7.51	0.35
chrX	77179425	77183595	4171	243	443.66	7.69	0.01
chrX	77190763	77194118	3356	275	1013.25	15.64	0
chrX	77208177	77209213	1037	36	64.68	4.75	0.53
chrX	77209474	77211952	2479	162	668.75	15.33	0
chrX	77215054	77216924	1871	92	291.11	12.77	0.04
chrX	77221529	77223159	1631	115	339.63	10.57	0.03
chrX	77223286	77224481	1196	58	157.48	9.55	0.17
chrX	77225456	77231050	5595	315	825.45	14.56	0
chrX	77231368	77235679	4312	254	545.09	9.31	0
chrX	77239790	77241873	2084	108	192.25	7.68	0.1
chrX	77244694	77249542	4849	235	477.43	10.63	0.01
chrX	77250002	77256105	6104	274	437.37	8.96	0.01

chr	start	end	length	# of tags	$-10*\log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	77256701	77260636	3936	233	356.24	7.23	0.02
chrX	77261031	77262241	1211	47	65.03	5.48	0.54
chrX	77263392	77267332	3941	234	385.45	7.48	0.02
chrX	77272449	77277145	4697	255	626.02	10.84	0
chrX	77280434	77285880	5447	411	1441.82	20.04	0
chrX	77289579	77291650	2072	74	83.45	4.48	0.36
chrX	77304451	77309977	5527	325	782.45	12.06	0
chrX	77311568	77316567	5000	298	738.69	13.14	0
chrX	77319921	77323577	3657	182	565.87	11.89	0
chrX	77329680	77336444	6765	323	942.55	19.82	0
chrX	77885592	77886550	959	32	72.85	6.17	0.44
chrX	78121701	78123100	1400	54	137.97	12.33	0.17
chrX	78123210	78125183	1974	107	372.27	9.69	0.02
chrX	78232269	78233190	922	27	52.85	5.29	0.81
chrX	78582009	78583141	1133	32	57.16	7.05	0.65
chrX	78641547	78642891	1345	49	117.72	5.73	0.21
chrX	78781759	78783980	2222	106	329.36	11.01	0.03
chrX	78791361	78793428	2068	120	451.68	13.21	0.01
chrX	78829065	78831030	1966	104	360.17	8.37	0.02
chrX	78844753	78845785	1033	38	95.56	6.61	0.3
chrX	79004064	79006437	2374	132	475.18	14.54	0.01
chrX	79022316	79024290	1975	70	156.11	7.93	0.17
chrX	79177538	79180910	3373	189	670.38	18.5	0
chrX	79264984	79266048	1065	36	76.85	6.17	0.42

Data S3B. Significant H3K27me3 peaks on X chromosome in female fetal brain ChIP-seq data.

chr	start	end	length	# of tags	$-10 \cdot \log_{10}(P\text{-value})$	fold enrichment	FDR(%)
chrX	3001095	3001904	810	18	55.13	5.37	1.88
chrX	3003672	3007946	4275	122	373.76	12.26	0.25
chrX	3007983	3009974	1992	64	226.76	10.73	0.34
chrX	3010287	3012786	2500	66	196.8	8.43	0.46
chrX	3013571	3020206	6636	260	1075.18	17.63	0
chrX	3021043	3022407	1365	33	93.39	6.9	1.07
chrX	3022856	3023789	934	20	57.35	6.13	1.83
chrX	3024931	3027179	2249	70	246.98	10.73	0.34
chrX	3031029	3034045	3017	90	301.51	11.5	0.23
chrX	3035098	3036540	1443	32	82.05	6.13	1.16
chrX	3037290	3041365	4076	127	439.89	11.5	0.12
chrX	3041750	3043393	1644	43	130.13	7.66	0.64
chrX	3043850	3048960	5111	159	540.17	13.03	0.08
chrX	3049167	3053665	4499	164	654.95	14.56	0.1
chrX	3054921	3055856	936	19	51.77	7.66	2.04
chrX	3059447	3066598	7152	253	969.25	13.03	0
chrX	3066716	3071050	4335	186	843.07	15.33	0.13
chrX	3071085	3074150	3066	93	309.81	15.33	0.24
chrX	3074790	3077122	2333	68	231.53	9.2	0.34
chrX	3144317	3145671	1355	30	77.27	10.73	1.27
chrX	3146987	3147890	904	21	65.31	6.9	1.54
chrX	3148085	3150268	2184	67	233.49	12.26	0.35
chrX	3150754	3152831	2078	63	224.35	10.73	0.33
chrX	3152844	3156029	3186	103	372.02	17.63	0.25
chrX	3159954	3163384	3431	117	442.92	10.73	0.12
chrX	3179776	3181262	1487	47	178.46	12.26	0.46
chrX	3182364	3185725	3362	100	332.83	10.73	0.22
chrX	3192006	3193290	1285	31	93.87	7.66	1.07
chrX	3202986	3204149	1164	26	74.28	8.43	1.37
chrX	3209618	3211653	2036	61	215.23	9.96	0.34
chrX	3212124	3213991	1868	48	141.43	8.43	0.58
chrX	3222394	3223370	977	23	71.3	6.9	1.42
chrX	3223455	3224333	879	21	67.32	6.9	1.53
chrX	3224605	3227534	2930	80	239.09	10.73	0.32
chrX	3228419	3229480	1062	22	59.42	7.66	1.73
chrX	3229724	3230705	982	22	65.11	5.37	1.56
chrX	3237860	3238822	963	23	72.43	8.43	1.41
chrX	3239044	3241001	1958	46	122.63	8.43	0.79
chrX	3243453	3248851	5399	148	446.64	10.73	0.13
chrX	3249406	3250767	1362	33	99.49	9.2	1.03
chrX	3252273	3254269	1997	53	154.71	9.96	0.47
chrX	3254795	3255798	1004	25	81.1	7.66	1.17
chrX	3256045	3258308	2264	66	212.14	9.96	0.36
chrX	3258312	3261046	2735	85	290.48	11.5	0.26
chrX	3261054	3263450	2397	66	199.72	11.5	0.44
chrX	3265236	3266596	1361	37	124.27	8.43	0.74

chrX	3268662	3270351	1690	36	86.82	6.13	1.12
chrX	3273547	3274251	705	16	51.58	7.66	2.04
chrX	3275276	3276234	959	24	78.83	6.9	1.23
chrX	3276465	3278257	1793	43	118.02	6.9	0.86
chrX	3282014	3283067	1054	25	76.96	7.66	1.27
chrX	3285251	3286884	1634	60	255.63	10.73	0.32
chrX	3287661	3289278	1618	40	114.3	8.43	0.86
chrX	3296709	3298387	1679	45	139.39	8.43	0.57
chrX	3299219	3301274	2056	49	126.62	8.43	0.69
chrX	3303596	3306743	3148	100	355.4	9.96	0.23
chrX	3308290	3309049	760	18	59.06	6.13	1.75
chrX	3309183	3311626	2444	67	207.99	9.96	0.36
chrX	3312919	3313702	784	17	51.36	7.66	2.06
chrX	3342921	3343743	823	18	54.16	6.13	1.95
chrX	3345847	3346775	929	23	75.26	6.9	1.31
chrX	3347134	3347798	665	20	81.15	6.9	1.17
chrX	3350979	3352265	1287	47	195.46	12.26	0.45
chrX	3352286	3353190	905	26	90.15	9.2	1.11
chrX	3356177	3357679	1503	35	94.36	6.9	1.08
chrX	3366902	3368491	1590	47	167.35	13.03	0.47
chrX	3368614	3370026	1413	34	95.45	8.43	1.03
chrX	3371874	3374960	3087	84	256.13	13.03	0.32
chrX	3375999	3377484	1486	36	87.4	8.81	1.12
chrX	3377761	3379267	1507	42	142.61	11.5	0.59
chrX	3381489	3383340	1852	52	167.73	13.03	0.47
chrX	3383966	3385339	1374	34	98.52	6.13	1.02
chrX	3386841	3388694	1854	48	142.61	9.2	0.59
chrX	3390488	3391286	799	17	50.27	6.9	2.13
chrX	3391497	3392877	1381	36	116.12	8.43	0.87
chrX	3393832	3394649	818	19	60.34	5.37	1.73
chrX	3397278	3398595	1318	36	115.53	8.43	0.87
chrX	3402297	3403403	1107	27	84.56	6.9	1.14
chrX	3406790	3407570	781	18	57.37	6.13	1.82
chrX	3409378	3411445	2068	61	205.28	8.43	0.38
chrX	3412409	3416082	3674	107	347.71	10.73	0.23
chrX	3416760	3417572	813	18	54.91	9.2	1.88
chrX	3417923	3419142	1220	27	75.8	7.66	1.28
chrX	3421392	3425431	4040	124	416.63	8.43	0.11
chrX	3427979	3429490	1512	37	111.04	8.43	0.85
chrX	3430329	3432197	1869	55	185.59	11.5	0.47
chrX	3434255	3435759	1505	35	94.21	8.43	1.08
chrX	3441978	3443547	1570	40	124.27	9.2	0.74
chrX	3531108	3533026	1919	53	167.84	8.43	0.47
chrX	3535239	3536234	996	23	64.07	9.2	1.6
chrX	3538927	3543918	4992	171	637.47	13.03	0.1
chrX	3543984	3545152	1169	28	79.62	9.96	1.21
chrX	3568620	3569679	1060	25	76.48	6.9	1.27
chrX	3569695	3570569	875	24	80.05	7.66	1.19
chrX	3573422	3574596	1175	22	52.34	6.9	2.01
chrX	3580990	3583533	2544	68	205.24	11.5	0.38
chrX	3585469	3587155	1687	49	164.19	9.96	0.48

chrX	3587661	3589591	1931	47	130.41	9.2	0.65
chrX	3599842	3601673	1832	48	150.65	9.2	0.53
chrX	3602513	3603444	932	21	63.15	9.96	1.61
chrX	3603613	3605080	1468	38	114.71	7.66	0.86
chrX	3605151	3606952	1802	54	185.73	9.2	0.48
chrX	3609096	3609951	856	18	51.79	6.9	2.04
chrX	3616464	3617523	1060	21	54.27	6.9	1.95
chrX	3618874	3620233	1360	33	93.78	7.66	1.07
chrX	3620276	3621735	1460	40	127.81	9.96	0.68
chrX	3622048	3623469	1422	32	83.52	8.43	1.15
chrX	3626491	3632395	5905	183	618.54	10.73	0.09
chrX	3632426	3634517	2092	56	164.84	7.66	0.48
chrX	3635435	3636877	1443	38	123.07	11.5	0.79
chrX	3637653	3638972	1320	32	96.97	6.13	1.01
chrX	3640004	3641110	1107	33	123.14	8.43	0.79
chrX	3641279	3643251	1973	57	181.94	13.8	0.47
chrX	3643622	3645028	1407	36	113.84	7.66	0.87
chrX	3665608	3666399	792	17	50.78	7.66	2.07
chrX	3667507	3668556	1050	24	71.43	8.43	1.43
chrX	3669769	3672057	2289	69	236.01	9.2	0.32
chrX	3676028	3677485	1458	33	81.02	6.13	1.19
chrX	3678882	3679705	824	19	59.87	6.13	1.72
chrX	3680910	3681737	828	18	53.79	6.13	1.96
chrX	3681786	3682672	887	24	78.96	7.66	1.23
chrX	3683850	3685399	1550	41	132.22	9.96	0.62
chrX	3692168	3693390	1223	35	124.63	11.5	0.71
chrX	3693400	3694901	1502	38	105.94	7.66	0.92
chrX	3694909	3698377	3469	107	368.66	13.8	0.25
chrX	3699042	3699937	896	24	84.51	7.66	1.14
chrX	3701148	3705265	4118	106	289.2	10.73	0.29
chrX	3707790	3709951	2162	44	113.7	9.96	0.87
chrX	3714861	3715655	795	18	56.28	6.9	1.87
chrX	3717798	3718906	1109	26	78.47	6.9	1.25
chrX	3719249	3720546	1298	37	130.36	11.5	0.65
chrX	3720944	3722116	1173	26	73.62	7.66	1.38
chrX	3724027	3725918	1892	50	151.55	8.43	0.5
chrX	3731291	3733132	1842	55	195.02	11.5	0.45
chrX	3733651	3734423	773	17	52.17	5.37	2.04
chrX	3736779	3737956	1178	26	73.26	6.13	1.38
chrX	3738055	3739215	1161	25	68.92	6.9	1.48
chrX	3740600	3741482	883	20	61.11	6.13	1.73
chrX	3741538	3742279	742	18	54.56	6.9	1.91
chrX	3743103	3745135	2033	50	139.83	9.96	0.58
chrX	3745770	3746882	1113	27	84.07	6.9	1.14
chrX	3748881	3750004	1124	25	71.58	6.9	1.42
chrX	3758599	3760111	1513	36	99.29	8.43	1.03
chrX	3762205	3763308	1104	28	90.91	8.43	1.12
chrX	3772785	3775109	2325	72	259.33	9.96	0.32
chrX	3778509	3780425	1917	49	149.39	11.5	0.53
chrX	3781132	3781830	699	16	52.05	6.9	2.03
chrX	3783591	3785683	2093	49	129.5	9.2	0.66

chrX	3788168	3793034	4867	159	566.88	12.26	0.08
chrX	3793053	3794707	1655	51	187.68	13.03	0.46
chrX	3798328	3800717	2390	62	181.89	8.43	0.47
chrX	3808631	3810142	1512	39	101.59	7.45	0.98
chrX	3811291	3813009	1719	39	100.99	7.66	1.01
chrX	3813384	3816844	3461	120	468.32	13.8	0.07
chrX	3818624	3819427	804	19	61.47	6.9	1.71
chrX	3823077	3825082	2006	45	113.61	9.96	0.87
chrX	3834112	3835079	968	25	84.25	9.2	1.15
chrX	3840233	3842440	2208	62	198.17	10.73	0.43
chrX	3849649	3856473	6825	251	996.2	12.26	0
chrX	3862663	3863605	943	22	68.11	8.43	1.51
chrX	3863716	3865034	1319	29	79.8	7.66	1.2
chrX	3866921	3870335	3415	96	314.49	12.26	0.24
chrX	3870359	3873026	2668	92	347	11.5	0.23
chrX	3874095	3874802	708	16	51.34	6.9	2.05
chrX	3875657	3879343	3687	104	327.08	9.2	0.21
chrX	3880146	3881739	1594	46	160.27	13.8	0.47
chrX	3882334	3883532	1199	31	101.16	8.43	1.01
chrX	3883608	3885809	2202	76	294.71	11.5	0.22
chrX	3886969	3888244	1276	26	66.53	10.73	1.52
chrX	3888292	3889314	1023	22	56.68	8.43	1.87
chrX	3889788	3894823	5036	174	639.4	16.86	0.1
chrX	3895733	3896485	753	26	106.8	15.33	0.91
chrX	3911055	3915025	3971	128	451.34	12.26	0.13
chrX	3915487	3918001	2515	76	252.9	11.5	0.31
chrX	3936695	3937414	720	16	50.42	6.13	2.12
chrX	3937689	3938768	1080	28	93.03	6.9	1.06
chrX	3941281	3942149	869	18	50.89	5.37	2.07
chrX	3942232	3943368	1137	28	76.3	6.9	1.27
chrX	3944383	3945377	995	29	107.73	10.73	0.89
chrX	3947347	3950353	3007	95	336.38	13.03	0.22
chrX	3950358	3951665	1308	32	86.24	7.66	1.11
chrX	3951914	3955003	3090	106	411.8	17.63	0.17
chrX	3955147	3956303	1157	33	117.98	7.66	0.85
chrX	3961580	3968938	7359	261	1009.47	12.26	0
chrX	3969360	3973350	3991	113	362.29	10.73	0.24
chrX	3973560	3976485	2926	75	215.04	6.9	0.34
chrX	3978944	3980536	1593	44	147.3	12.26	0.57
chrX	3983523	3984290	768	18	58.41	6.13	1.77
chrX	3984303	3987597	3295	90	262.4	11.5	0.33
chrX	3988037	3990904	2868	86	290.09	9.96	0.26
chrX	3996005	3997392	1388	34	97.41	6.9	1.02
chrX	3997907	3999290	1384	38	128.52	7.66	0.65
chrX	3999302	4000486	1185	36	128.52	7.66	0.65
chrX	4001537	4002521	985	21	59.28	6.9	1.74
chrX	4003877	4008231	4355	114	311.25	9.2	0.24
chrX	4016578	4026201	9624	279	838.37	11.5	0.13
chrX	4028560	4038104	9545	295	963.89	9.96	0
chrX	4039286	4040005	720	16	50.42	6.9	2.12
chrX	4043101	4044390	1290	28	76.34	7.66	1.27

chrX	4044502	4047497	2996	76	203.43	8.43	0.4
chrX	4049010	4050686	1677	47	152.19	9.2	0.5
chrX	4051887	4052921	1035	22	61.27	7.66	1.72
chrX	4053626	4055325	1700	45	137.54	9.2	0.58
chrX	4060677	4062934	2258	57	162.92	10.73	0.48
chrX	4065171	4066104	934	22	68.83	6.13	1.48
chrX	4066740	4067904	1165	24	63.24	8.43	1.62
chrX	4071598	4072958	1361	34	99.57	6.13	1.03
chrX	4076009	4077477	1469	34	91.24	8.43	1.1
chrX	4091249	4092807	1559	34	84.91	6.9	1.14
chrX	4129169	4129925	757	17	53.39	6.13	1.97
chrX	4193882	4194745	864	19	56.81	9.2	1.87
chrX	4231949	4232799	851	19	52.14	6.13	2.03
chrX	4237428	4238615	1188	27	78.17	6.9	1.26
chrX	4239089	4239940	852	20	63.55	7.66	1.61
chrX	4274306	4275477	1172	26	73.69	8.43	1.38
chrX	4286130	4286939	810	18	55.13	6.13	1.88
chrX	4294312	4295271	960	19	50.21	6.9	2.13
chrX	4295655	4296370	716	16	50.72	8.43	2.07
chrX	4298560	4301613	3054	90	297.77	9.2	0.23
chrX	4303248	4304033	786	17	51.21	7.66	2.05
chrX	4305259	4306058	800	17	50.2	7.66	2.13
chrX	4308033	4308848	816	21	72.74	7.66	1.41
chrX	4310412	4313276	2865	81	251.31	9.2	0.34
chrX	4314751	4317246	2496	77	268.31	12.26	0.33
chrX	4318190	4319015	826	18	53.94	6.13	1.94
chrX	4320123	4321253	1131	26	76.76	6.9	1.27
chrX	4321727	4322801	1075	21	53.32	7.66	1.98
chrX	4325111	4328121	3011	72	185.07	8.43	0.47
chrX	4328208	4330366	2159	49	141.57	9.2	0.58
chrX	4330752	4332289	1538	34	86.34	6.13	1.11
chrX	4332414	4333385	972	22	65.86	6.9	1.52
chrX	4348448	4349219	772	18	58.09	6.13	1.8
chrX	4351682	4352659	978	22	65.41	6.9	1.55
chrX	4353007	4354425	1419	33	89.3	9.2	1.1
chrX	4360257	4362395	2139	65	224.7	12.26	0.33
chrX	4364217	4365035	819	20	66.27	7.66	1.52
chrX	4367735	4368546	812	19	60.82	6.13	1.71
chrX	4368855	4370231	1377	33	98.28	7.66	1.03
chrX	4379848	4380973	1126	24	65.89	8.43	1.52
chrX	4391099	4392652	1554	44	151.07	12.26	0.51
chrX	4398181	4399099	919	20	58.43	6.9	1.77
chrX	4399362	4400662	1301	30	86.78	6.9	1.12
chrX	4401144	4402666	1523	33	76.72	7.66	1.27
chrX	4404602	4409893	5292	147	431.35	8.43	0.12
chrX	4412725	4413591	867	19	56.59	5.37	1.87
chrX	4419037	4421757	2721	79	258.66	9.2	0.32
chrX	4428571	4429839	1269	35	120.11	12.26	0.86
chrX	4440855	4443289	2435	58	149.14	11.5	0.53
chrX	4444755	4445974	1220	30	93.23	8.43	1.06
chrX	4446543	4447472	930	20	57.64	6.13	1.83

chrX	4448700	4450766	2067	54	160.89	9.2	0.47
chrX	4452923	4454584	1662	45	147.22	9.2	0.57
chrX	4455136	4456907	1772	41	108.26	6.9	0.88
chrX	4457302	4458577	1276	28	66.32	6.78	1.52
chrX	4459443	4462946	3504	93	262.63	9.96	0.33
chrX	4463519	4464406	888	19	55.07	9.2	1.88
chrX	4464664	4466085	1422	34	94.76	7.66	1.06
chrX	4471026	4472416	1391	32	85.74	6.13	1.11
chrX	4472675	4473896	1222	31	99.14	6.9	1.02
chrX	4474185	4475952	1768	53	182.53	10.73	0.47
chrX	4476129	4477347	1219	33	111.97	9.2	0.86
chrX	4480931	4483916	2986	92	318.14	9.96	0.25
chrX	4484368	4485139	772	18	58.09	6.9	1.8
chrX	4487106	4489222	2117	59	187.56	9.96	0.46
chrX	4490384	4491310	927	23	69.39	7.66	1.49
chrX	4492213	4493276	1064	25	76.16	7.66	1.28
chrX	4496621	4498157	1537	36	97.48	6.13	1.02
chrX	4501452	4503839	2388	62	176.04	9.2	0.45
chrX	4504588	4506118	1531	37	103.66	8.43	0.92
chrX	4506294	4510061	3768	95	252.84	8.43	0.31
chrX	4514028	4516449	2422	61	173.23	8.43	0.45
chrX	4516603	4521647	5045	136	397.64	9.2	0.16
chrX	4521669	4523037	1369	31	87.36	9.2	1.12
chrX	4523880	4526632	2753	78	242.7	9.2	0.33
chrX	4526655	4529348	2694	73	210.56	8.43	0.36
chrX	4529410	4531647	2238	52	135.63	7.66	0.59
chrX	4534830	4535623	794	20	68.43	7.66	1.51
chrX	4538052	4540243	2192	56	162.4	7.66	0.48
chrX	4540340	4541107	768	18	58.41	6.13	1.77
chrX	4541118	4541944	827	20	59.63	7.66	1.72
chrX	4543911	4546475	2565	74	241.35	12.26	0.33
chrX	4546953	4547991	1039	26	84.23	8.43	1.15
chrX	4548688	4553905	5218	166	569.57	11.5	0.08
chrX	4554371	4557393	3023	86	281.22	8.43	0.28
chrX	4558439	4559769	1331	32	96.08	6.9	1.02
chrX	4562095	4564007	1913	53	174.78	7.66	0.45
chrX	4566325	4567524	1200	31	101.07	7.66	1.01
chrX	4567607	4568777	1171	31	97.42	8.43	1.02
chrX	4568823	4570343	1521	36	98.68	6.13	1.02
chrX	4577904	4580662	2759	69	187.26	9.96	0.46
chrX	4582389	4584838	2450	63	182.86	9.2	0.47
chrX	4585147	4589383	4237	135	470.4	14.56	0.07
chrX	4592550	4593240	691	18	65.09	7.66	1.55
chrX	4594143	4595573	1431	34	94.08	6.13	1.07
chrX	4596590	4597437	848	18	52.35	6.13	2.01
chrX	4599502	4600396	895	19	54.57	7.66	1.91
chrX	4601435	4603167	1733	43	122.73	7.66	0.79
chrX	4607528	4608325	798	17	50.35	4.6	2.13
chrX	4608401	4609873	1473	35	96.61	6.9	1.02
chrX	4610867	4613446	2580	69	202.09	11.5	0.42
chrX	4613586	4614539	954	25	85.52	6.9	1.1

chrX	4616438	4618645	2208	63	204.59	9.2	0.38
chrX	4620161	4621455	1295	34	111.32	9.2	0.85
chrX	4621683	4622473	791	17	50.85	6.9	2.07
chrX	4626783	4632851	6069	180	568.58	9.96	0.08
chrX	4632935	4633704	770	18	52.4	6.9	2
chrX	4635330	4639517	4188	123	395.02	9.2	0.16
chrX	4640162	4641246	1085	25	74.52	6.13	1.36
chrX	4650143	4650821	679	19	72.82	7.66	1.39
chrX	4662062	4662854	793	17	50.71	6.9	2.07
chrX	4665577	4666332	756	17	53.46	7.66	1.97
chrX	4674457	4675656	1200	29	88.89	8.43	1.1
chrX	4677373	4678377	1005	22	63.41	6.9	1.61
chrX	4680266	4682648	2383	81	309.05	16.1	0.24
chrX	4684687	4685798	1112	27	84.15	9.96	1.15
chrX	4686967	4687886	920	22	69.96	8.43	1.47
chrX	4699402	4700610	1209	26	71.05	8.43	1.43
chrX	4704497	4705846	1350	33	100.47	7.66	1.02
chrX	4716999	4717771	773	18	58.01	6.13	1.81
chrX	4722295	4724682	2388	66	206.82	8.43	0.35
chrX	4750431	4751831	1401	39	133.36	9.2	0.63
chrX	4755730	4757135	1406	35	107.83	10.73	0.89
chrX	4758412	4759090	679	16	53.67	8.43	1.96
chrX	4765601	4766397	797	17	50.42	6.9	2.12
chrX	4773013	4774585	1573	35	89.35	8.43	1.1
chrX	4775957	4776827	871	20	62.04	6.13	1.69
chrX	4788901	4790172	1272	29	77.62	7.66	1.27
chrX	4790741	4792016	1276	30	88.71	8.43	1.1
chrX	4792601	4793786	1186	26	72.68	6.9	1.41
chrX	4796636	4798051	1416	35	107	7.66	0.89
chrX	4808116	4809394	1279	28	77.12	8.43	1.27
chrX	4815949	4817220	1272	35	119.83	9.2	0.85
chrX	4817773	4820053	2281	52	138.07	9.2	0.57
chrX	4850828	4851646	819	20	66.27	6.9	1.52
chrX	4857729	4858420	692	16	52.61	7.66	1.98
chrX	4862611	4864720	2110	50	128.25	6.9	0.67
chrX	4883922	4884735	814	18	54.83	5.37	1.89
chrX	4898252	4899810	1559	37	107.28	7.66	0.9
chrX	4900525	4902645	2121	62	213.18	9.2	0.37
chrX	4903778	4905204	1427	35	106.09	7.66	0.93
chrX	4911172	4911973	802	18	55.74	5.37	1.87
chrX	4916042	4917313	1272	34	113.42	8.43	0.87
chrX	4918784	4921135	2352	62	185.15	9.96	0.47
chrX	4921351	4922900	1550	43	144.95	8.43	0.56
chrX	4923074	4926091	3018	82	243.66	9.2	0.33
chrX	4926905	4930995	4091	119	378.48	8.43	0.25
chrX	4935950	4938152	2203	57	167.5	7.66	0.47
chrX	4940424	4943451	3028	85	255.22	9.2	0.32
chrX	4945105	4946703	1599	40	115.83	7.66	0.87
chrX	4950190	4951062	873	26	93.35	9.96	1.07
chrX	4952090	4953929	1840	57	208.88	9.2	0.36
chrX	4955295	4956248	954	21	61.51	9.2	1.71

chrX	4956266	4957646	1381	46	176.47	11.5	0.45
chrX	4957658	4958859	1202	30	88.73	9.2	1.1
chrX	4961102	4962471	1370	33	87.28	7.66	1.11
chrX	4963065	4964298	1234	30	92.08	8.43	1.1
chrX	4965561	4967245	1685	44	132.71	9.96	0.63
chrX	4968502	4969400	899	19	54.29	6.13	1.94
chrX	4971712	4972505	794	17	50.63	6.9	2.1
chrX	4974023	4976397	2375	72	240.55	11.5	0.33
chrX	4978976	4980045	1070	26	81.62	8.43	1.17
chrX	4980356	4982732	2377	71	247.03	10.73	0.34
chrX	4984648	4985853	1206	37	139.97	12.26	0.58
chrX	4988535	4991704	3170	103	380.85	12.26	0.21
chrX	4993621	4995300	1680	45	145.56	8.43	0.56
chrX	4995619	4997296	1678	48	165.08	13.03	0.48
chrX	4997536	4998202	667	16	54.67	5.37	1.9
chrX	4998271	5001045	2775	85	279.62	16.1	0.28
chrX	5001532	5003375	1844	51	168.48	10.73	0.47
chrX	5004965	5006076	1112	33	108.38	8.81	0.88
chrX	5006246	5007563	1318	32	97.13	8.43	1.02
chrX	5007584	5008522	939	27	93.39	7.66	1.07
chrX	5009394	5010218	825	18	54.01	6.13	1.95
chrX	5013919	5014754	836	20	64.85	6.13	1.57
chrX	5022958	5023695	738	17	54.87	9.96	1.88
chrX	5032152	5033671	1520	43	147.86	10.73	0.56
chrX	5036263	5041083	4821	148	503.19	10.73	0.07
chrX	5042315	5045706	3392	107	370.08	12.26	0.25
chrX	5051805	5054525	2721	80	265.21	9.96	0.33
chrX	5056192	5057506	1315	32	91.48	7.66	1.09
chrX	5057508	5058291	784	19	57.13	6.13	1.86
chrX	5059452	5061811	2360	56	143.46	8.43	0.58
chrX	5066623	5069617	2995	78	221.26	7.66	0.33
chrX	5069651	5071179	1529	39	121.69	7.66	0.82
chrX	5072094	5073669	1576	41	123.76	7.66	0.75
chrX	5073776	5074547	772	18	52.25	6.9	2.03
chrX	5077115	5077955	841	20	64.44	7.66	1.59
chrX	5090772	5091566	795	19	62.21	6.9	1.69
chrX	5098475	5099812	1338	34	107.53	10.73	0.89
chrX	5100355	5101269	915	21	64.45	5.37	1.57
chrX	5105555	5106964	1410	38	119.77	8.43	0.85
chrX	5136268	5137266	999	23	69.57	6.9	1.47
chrX	5138091	5145624	7534	266	995.03	16.86	0
chrX	5145633	5150027	4395	202	966.44	19.93	0
chrX	5150595	5153810	3216	108	396.76	10.73	0.16
chrX	5155708	5156896	1189	23	56.52	8.43	1.87
chrX	5157413	5158720	1308	28	75.08	6.9	1.32
chrX	5161030	5162407	1378	36	116.39	9.2	0.87
chrX	5166151	5168673	2523	71	232.45	9.2	0.34
chrX	5168792	5169674	883	20	61.11	6.13	1.73
chrX	5170146	5173363	3218	87	250.72	10.73	0.34
chrX	5173379	5174837	1459	36	103.5	9.2	0.92
chrX	5175709	5178244	2536	77	270.85	10.73	0.3

chrX	5179333	5180310	978	25	83.36	8.43	1.15
chrX	5188518	5189796	1279	28	77.12	7.66	1.27
chrX	5198303	5203226	4924	153	505.86	9.96	0.07
chrX	5205321	5208138	2818	71	194.24	9.2	0.47
chrX	5210654	5214966	4313	142	510.59	12.26	0.07
chrX	5221431	5222356	926	22	69.47	6.13	1.49
chrX	5222822	5223605	784	18	57.13	6.9	1.86
chrX	5223683	5225059	1377	31	81.2	8.43	1.17
chrX	5225561	5227483	1923	49	142.84	7.66	0.59
chrX	5227743	5232057	4315	126	395.61	10.73	0.16
chrX	5233279	5235163	1885	53	171.02	9.2	0.48
chrX	5239817	5242645	2829	72	199.24	9.96	0.44
chrX	5243689	5245141	1453	38	115.99	6.9	0.87
chrX	5245460	5249497	4038	118	370.67	10.73	0.25
chrX	5249855	5251341	1487	40	131.66	9.96	0.62
chrX	5263729	5265079	1351	36	118.83	9.2	0.86
chrX	5269138	5269939	802	17	50.06	5.37	2.14
chrX	5289883	5292064	2182	70	261.31	13.03	0.32
chrX	5292236	5292982	747	17	54.16	5.37	1.95
chrX	5294061	5295723	1663	41	122.49	9.96	0.78
chrX	5301220	5302601	1382	32	86.4	9.96	1.11
chrX	5304249	5305402	1154	29	92.74	8.43	1.08
chrX	5336960	5337719	760	17	53.16	6.13	1.97
chrX	5340368	5341156	789	17	50.99	5.37	2.07
chrX	5342794	5343904	1111	21	51.14	7.66	2.07
chrX	5410193	5411150	958	20	55.68	9.2	1.86
chrX	5412920	5414113	1194	27	77.72	6.9	1.27
chrX	5419273	5424617	5345	136	372.19	13.03	0.25
chrX	5425023	5428354	3332	89	253.07	8.43	0.31
chrX	5428865	5430399	1535	33	81.19	6.13	1.17
chrX	5432016	5433387	1372	31	87.13	11.5	1.12
chrX	5437865	5438842	978	23	71.22	6.13	1.42
chrX	5439473	5441492	2020	55	171.21	7.66	0.48
chrX	5447968	5450368	2401	59	157.39	7.66	0.48
chrX	5450546	5452199	1654	43	112.19	8.13	0.86
chrX	5452946	5453886	941	25	86.71	8.43	1.12
chrX	5455465	5458512	3048	86	259.68	9.2	0.32
chrX	5459619	5461457	1839	48	143.89	7.66	0.56
chrX	5461551	5462460	910	21	59.09	6.9	1.75
chrX	5463504	5464222	719	16	50.49	6.13	2.1
chrX	5466414	5468334	1921	51	155.17	9.96	0.47
chrX	5471625	5472440	816	20	66.52	7.66	1.52
chrX	5475135	5476823	1689	43	132.37	6.9	0.63
chrX	5482177	5485639	3463	103	335.87	9.2	0.22
chrX	5486945	5489616	2672	79	256.95	9.96	0.32
chrX	5490087	5491022	936	21	62.85	7.66	1.64
chrX	5508037	5508881	845	18	52.57	8.43	1.99
chrX	5514416	5515239	824	18	54.09	4.6	1.95
chrX	5523798	5524949	1152	36	138.99	9.96	0.57
chrX	5536020	5538525	2506	70	214.9	9.96	0.34
chrX	5543182	5544067	886	19	55.21	6.13	1.87

chrX	5547921	5548907	987	26	88.84	7.66	1.1
chrX	5561167	5562462	1296	26	65.24	9.2	1.55
chrX	5565122	5565968	847	18	52.43	6.13	1.99
chrX	5568522	5570004	1483	34	90.22	7.66	1.11
chrX	5574270	5575349	1080	28	93.03	9.2	1.06
chrX	5629084	5629919	836	21	70.97	6.9	1.46
chrX	5637865	5638601	737	17	54.95	6.9	1.88
chrX	5641386	5643790	2405	59	162.86	8.43	0.48
chrX	5657595	5658620	1026	22	61.91	8.43	1.7
chrX	5662026	5662816	791	18	56.59	6.13	1.87
chrX	5672250	5672962	713	16	50.95	7.66	2.07
chrX	5681698	5682495	798	17	50.35	7.66	2.13
chrX	5683043	5684997	1955	52	158.35	9.2	0.48
chrX	5687541	5688751	1211	30	93.98	8.43	1.07
chrX	5690730	5692034	1305	32	86.47	6.9	1.12
chrX	5722677	5727033	4357	123	378.79	12.26	0.25
chrX	5729237	5731628	2392	65	200.17	8.43	0.41
chrX	5732670	5733355	686	18	65.55	8.43	1.52
chrX	5736234	5738930	2697	66	169.06	12.26	0.47
chrX	5801865	5802705	841	18	52.85	5.37	1.98
chrX	5810905	5811824	920	22	69.96	6.13	1.47
chrX	5828954	5830021	1068	25	75.85	8.43	1.28
chrX	5830109	5830931	823	24	85.04	9.2	1.13
chrX	5832070	5832930	861	18	51.44	7.66	2.06
chrX	5834383	5835728	1346	32	94.88	6.9	1.06
chrX	5861644	5862387	744	17	54.4	6.9	1.92
chrX	5863436	5864665	1230	29	86.49	8.43	1.12
chrX	5865283	5867096	1814	48	152.25	8.43	0.5
chrX	5873410	5874772	1363	39	137.09	8.43	0.58
chrX	5875140	5876582	1443	36	104.78	6.9	0.93
chrX	5883739	5884533	795	17	50.56	7.66	2.11
chrX	5890550	5891988	1439	35	99.23	8.43	1.03
chrX	5893691	5895281	1591	39	116.48	7.66	0.87
chrX	5899295	5899955	661	16	55.18	6.13	1.88
chrX	5935675	5937707	2033	44	106.4	9.96	0.93
chrX	5938973	5940386	1414	33	89.67	7.66	1.1
chrX	5945506	5946710	1205	35	126.45	11.5	0.69
chrX	5948844	5949761	918	21	64.22	8.43	1.59
chrX	5953705	5954683	979	27	96.04	6.9	1.02
chrX	5957244	5957998	755	17	53.54	5.37	1.97
chrX	5959389	5960214	826	19	59.71	7.66	1.72
chrX	5985501	5987721	2221	59	178.15	7.66	0.46
chrX	5990085	5992071	1987	48	126.11	8.43	0.7
chrX	6003666	6004457	792	18	56.51	6.13	1.87
chrX	6006136	6007790	1655	40	111.39	8.43	0.85
chrX	6008004	6008890	887	19	55.14	6.9	1.88
chrX	6010113	6010877	765	17	52.78	8.43	1.97
chrX	6028987	6029964	978	23	71.22	7.66	1.42
chrX	6040233	6041459	1227	27	75.29	7.66	1.31
chrX	6044638	6045358	721	16	50.34	8.43	2.12
chrX	6045497	6046577	1081	24	63.55	8.43	1.61

chrX	6077215	6078176	962	20	55.4	9.2	1.88
chrX	6131823	6132725	903	20	59.6	7.66	1.72
chrX	6134261	6135151	891	21	66.35	6.9	1.52
chrX	6148798	6150136	1339	32	89.62	8.43	1.1
chrX	6180991	6182326	1336	35	113.9	8.43	0.86
chrX	6183982	6185376	1395	36	114.89	9.96	0.86
chrX	6185833	6187231	1399	44	167.33	11.5	0.47
chrX	6189137	6191697	2561	69	222.47	9.96	0.33
chrX	6196150	6196920	771	17	52.32	6.9	2.01
chrX	6210929	6212701	1773	41	125.4	6.9	0.71
chrX	6212713	6213665	953	29	105.33	10.73	0.92
chrX	6215446	6217557	2112	54	157.08	9.2	0.48
chrX	6217604	6218984	1381	36	103.9	9.2	0.92
chrX	6236784	6241412	4629	125	360.44	8.43	0.24
chrX	6244448	6245385	938	19	51.64	6.9	2.04
chrX	6247511	6248459	949	22	67.64	6.13	1.51
chrX	6253422	6254648	1227	33	111.22	9.96	0.85
chrX	6255459	6257289	1831	46	132.53	9.2	0.63
chrX	6261217	6263131	1915	52	161.91	6.9	0.47
chrX	6263133	6265308	2176	64	207.7	9.2	0.36
chrX	6266669	6267823	1155	28	86.6	8.43	1.12
chrX	6271425	6272622	1198	28	83.17	7.66	1.14
chrX	6274204	6275684	1481	36	107.63	8.43	0.89
chrX	6276655	6279258	2604	63	164.73	7.66	0.48
chrX	6283897	6287336	3440	96	299.3	8.43	0.23
chrX	6295977	6297044	1068	28	94.11	7.66	1.08
chrX	6302333	6303231	899	22	71.7	8.43	1.41
chrX	6307200	6308283	1084	22	57.96	8.43	1.8
chrX	6313268	6314489	1222	35	124.73	13.03	0.71
chrX	6314948	6315792	845	18	52.57	6.9	1.99
chrX	6324924	6326406	1483	38	119.53	10.73	0.85
chrX	6327357	6328846	1490	37	106.9	7.66	0.91
chrX	6329138	6331019	1882	48	146.29	7.66	0.57
chrX	6331137	6332841	1705	52	189.14	9.96	0.46
chrX	6333476	6335914	2439	81	302.44	10.73	0.23
chrX	6336065	6339039	2975	96	332.99	13.03	0.22
chrX	6343933	6347400	3468	86	247.67	9.2	0.34
chrX	6348136	6349919	1784	39	96.48	9.2	1.02
chrX	6361285	6362168	884	19	55.35	6.9	1.88
chrX	6364417	6365590	1174	27	79.23	6.13	1.22
chrX	6365681	6367096	1416	32	83.94	5.37	1.14
chrX	6367123	6367857	735	20	67.43	11.5	1.52
chrX	6369477	6370540	1064	26	82.11	8.43	1.16
chrX	6376427	6377767	1341	33	101.21	12.26	1.01
chrX	6391706	6392464	759	18	59.15	6.13	1.75
chrX	6397648	6398620	973	20	54.66	6.13	1.9
chrX	6399591	6401219	1629	40	113.42	6.9	0.87
chrX	6401875	6403782	1908	63	243.34	9.96	0.33
chrX	6404147	6405791	1645	41	118.02	9.2	0.86
chrX	6406217	6407426	1210	38	146.5	12.26	0.57
chrX	6407620	6408907	1288	31	93.63	9.96	1.07

chrX	6412586	6413451	866	22	74.55	8.43	1.36
chrX	6414306	6416298	1993	45	114.53	9.2	0.86
chrX	6418537	6419653	1117	23	61.1	9.96	1.73
chrX	6429367	6431709	2343	56	161.94	7.66	0.47
chrX	6443276	6444240	965	22	66.4	7.66	1.52
chrX	6449587	6451260	1674	48	158.93	9.2	0.48
chrX	6451615	6454472	2858	70	185.3	10.73	0.47
chrX	6455995	6457521	1527	45	160.42	12.26	0.47
chrX	6457929	6459463	1535	37	109.18	8.43	0.87
chrX	6459965	6460928	964	23	72.35	9.2	1.41
chrX	6487409	6488193	785	17	51.29	6.9	2.06
chrX	6491926	6492745	820	18	54.38	5.37	1.93
chrX	6493296	6494099	804	18	55.59	6.13	1.87
chrX	6495624	6497347	1724	49	146.56	9.49	0.57
chrX	6498744	6499541	798	17	50.35	6.9	2.13
chrX	6504030	6506443	2414	65	198.2	8.43	0.43
chrX	6517487	6520127	2641	91	343.03	12.26	0.22
chrX	6523385	6524401	1017	20	51.79	8.43	2.03
chrX	6526479	6528024	1546	38	108.3	6.13	0.88
chrX	6528045	6529225	1181	36	128.94	7.66	0.65
chrX	6538081	6541531	3451	85	219.88	9.96	0.32
chrX	6546579	6547689	1111	25	72.55	9.2	1.41
chrX	6549465	6550308	844	20	64.19	9.2	1.59
chrX	6554867	6556982	2116	57	175.06	7.66	0.45
chrX	6557831	6558608	778	19	63.63	7.66	1.61
chrX	6568393	6569198	806	18	55.43	7.66	1.89
chrX	6572789	6573833	1045	21	55.23	7.66	1.87
chrX	6577805	6578726	922	21	63.91	6.13	1.62
chrX	6583442	6584694	1253	33	108.84	9.2	0.87
chrX	6589379	6591656	2278	87	375.06	11.5	0.25
chrX	6594092	6609320	15229	555	2117.74	22.99	0
chrX	6609689	6612195	2507	70	240.51	9.96	0.33
chrX	6612939	6613655	717	16	50.65	6.13	2.1
chrX	6613723	6618815	5093	134	369.23	11.5	0.25
chrX	6620952	6623947	2996	89	297	9.96	0.22
chrX	6644085	6645532	1448	34	92.8	9.2	1.08
chrX	6667898	6668845	948	21	61.95	6.9	1.69
chrX	6671448	6675081	3634	105	332.13	12.26	0.22
chrX	6684709	6686112	1404	35	108	7.66	0.88
chrX	6687569	6688266	698	21	84.51	11.5	1.14
chrX	6691066	6691905	840	18	52.92	6.13	1.97
chrX	6698652	6699936	1285	29	82.28	6.9	1.16
chrX	6700094	6701056	963	23	72.43	7.66	1.41
chrX	6715802	6716728	927	19	52.37	6.13	2.01
chrX	6722198	6724369	2172	59	182.51	9.2	0.47
chrX	6724926	6728231	3306	83	219.63	10.73	0.32
chrX	6730684	6733738	3055	115	476	11.5	0.07
chrX	6733978	6735421	1444	34	93.1	7.66	1.06
chrX	6748925	6749719	795	17	50.56	5.37	2.11
chrX	6750282	6751668	1387	41	148.01	10.73	0.56
chrX	6752539	6753314	776	17	51.95	6.9	2.03

chrX	6753353	6756101	2749	63	154.16	9.96	0.49
chrX	6757937	6758742	806	18	55.43	7.66	1.89
chrX	6766279	6767429	1151	25	69.63	6.9	1.46
chrX	6768766	6770287	1522	34	87.45	6.13	1.12
chrX	6770905	6771859	955	20	55.88	6.13	1.86
chrX	6775746	6776904	1159	27	80.39	9.96	1.19
chrX	6777056	6777737	682	17	53.42	6.13	1.97
chrX	6784595	6785666	1072	25	75.53	6.9	1.3
chrX	6817299	6818076	778	17	51.8	7.66	2.03
chrX	6847617	6849795	2179	58	175.68	10.73	0.45
chrX	6859680	6861503	1824	41	104.54	6.9	0.92
chrX	6863867	6865077	1211	32	106.35	7.66	0.93
chrX	6873577	6875336	1760	41	109.14	9.96	0.87
chrX	6883538	6884544	1007	24	74.82	6.9	1.35
chrX	6889591	6890553	963	20	55.34	8.43	1.88
chrX	6914099	6917610	3512	126	498.77	17.63	0.07
chrX	6945714	6947025	1312	30	85.94	7.66	1.11
chrX	6966017	6966795	779	17	51.73	6.9	2.04
chrX	7062648	7063982	1335	29	78.66	8.43	1.24
chrX	7067496	7068375	880	20	61.34	6.13	1.71
chrX	7072674	7073310	637	16	57.27	8.43	1.84
chrX	7096586	7097448	863	20	62.67	9.2	1.65
chrX	7111224	7111992	769	17	52.47	6.13	1.98
chrX	7120235	7121573	1339	33	101.38	13.03	1
chrX	7132893	7133650	758	17	53.31	6.9	1.97
chrX	7133909	7134731	823	19	59.94	8.43	1.72
chrX	7139870	7140620	751	17	53.85	6.13	1.95
chrX	7149071	7150390	1320	27	68.92	8.43	1.48
chrX	7150866	7151836	971	22	65.94	6.9	1.51
chrX	7167530	7168342	813	18	54.91	6.13	1.88
chrX	7169109	7170124	1016	23	68.27	8.43	1.5
chrX	7192658	7193435	778	19	63.63	6.9	1.61
chrX	7233348	7234120	773	17	52.17	6.9	2.04
chrX	7234152	7238014	3863	113	355.26	11.5	0.23
chrX	7238355	7239773	1419	33	89.3	6.13	1.1
chrX	7239869	7241282	1414	32	84.08	6.13	1.14
chrX	7242449	7243890	1442	40	135.9	11.5	0.59
chrX	7244074	7246116	2043	54	162.96	8.43	0.48
chrX	7246954	7250770	3817	96	260.61	9.96	0.32
chrX	7250861	7252237	1377	40	129.19	8.43	0.65
chrX	7252272	7253204	933	25	81.11	8.43	1.17
chrX	7261479	7262415	937	25	87.09	9.2	1.12
chrX	7266523	7267326	804	18	55.59	6.13	1.87
chrX	7269232	7271835	2604	67	188	6.9	0.46
chrX	7278911	7279806	896	19	54.5	7.66	1.92
chrX	7281965	7283271	1307	32	98.03	8.43	1.03
chrX	7283604	7284416	813	18	54.91	6.9	1.88
chrX	7285775	7288050	2276	56	155.58	8.43	0.47
chrX	7292491	7293280	790	18	56.66	6.13	1.87
chrX	7295783	7297018	1236	33	110.39	9.2	0.87
chrX	7302614	7304710	2097	55	164.4	8.43	0.48

chrX	7304921	7306422	1502	37	100.13	6.13	1.01
chrX	7331307	7333402	2096	65	229.24	9.2	0.34
chrX	7333454	7334233	780	19	57.45	6.13	1.83
chrX	7334290	7335254	965	26	84.52	8.43	1.14
chrX	7337144	7338659	1516	42	141.74	11.5	0.59
chrX	7341872	7343011	1140	26	76.08	7.66	1.29
chrX	7344215	7345014	800	17	50.2	6.13	2.13
chrX	7346440	7347974	1535	38	109.18	7.66	0.87
chrX	7360044	7361645	1602	46	159.46	11.5	0.47
chrX	7369579	7373237	3659	95	261.65	9.2	0.33
chrX	7393759	7394931	1173	28	85.14	9.2	1.12
chrX	7395909	7396728	820	19	60.18	7.66	1.72
chrX	7400611	7402419	1809	41	105.6	7.66	0.92
chrX	7402500	7405782	3283	103	354.48	16.1	0.23
chrX	7406484	7408969	2486	77	269.37	11.5	0.3
chrX	7410063	7410869	807	18	55.36	6.13	1.88
chrX	7422331	7425713	3383	88	242.78	9.2	0.33
chrX	7425728	7428018	2291	79	298.44	9.96	0.23
chrX	7429928	7431087	1160	34	124.37	10.73	0.74
chrX	7431494	7432490	997	25	75.63	7.66	1.3
chrX	7433275	7434760	1486	34	90.01	6.9	1.11
chrX	7441132	7442553	1422	37	112.55	9.96	0.86
chrX	7443568	7446369	2802	89	317.46	15.33	0.24
chrX	7448436	7450971	2536	74	244.19	9.96	0.33
chrX	7451259	7453645	2387	68	219.69	8.43	0.32
chrX	7456047	7457738	1692	44	132.11	7.66	0.62
chrX	7457769	7459431	1663	52	186.81	9.2	0.46
chrX	7462004	7462734	731	17	55.43	9.2	1.88
chrX	7462807	7469214	6408	219	806.03	13.03	0.13
chrX	7469618	7471683	2066	57	179.6	8.43	0.46
chrX	7479813	7480773	961	20	55.47	6.9	1.89
chrX	7482424	7485501	3078	86	263.23	13.03	0.33
chrX	7489046	7489978	933	19	51.97	6.13	2.03
chrX	7491540	7494707	3168	110	431.41	10.73	0.12
chrX	7497447	7499052	1606	42	127.29	7.66	0.68
chrX	7499068	7499964	897	19	54.43	5.37	1.92
chrX	7503340	7504926	1587	42	135.15	9.96	0.59
chrX	7504957	7509027	4071	104	293.07	8.43	0.26
chrX	7510176	7513891	3716	120	424.16	10.73	0.12
chrX	7519426	7523104	3679	102	302.56	10.73	0.23
chrX	7523197	7526168	2972	74	199.51	9.96	0.44
chrX	7530407	7533058	2652	88	334.53	11.5	0.22
chrX	7533132	7539405	6274	192	627.08	9.96	0.1
chrX	7541535	7542326	792	18	56.51	6.9	1.87
chrX	7543655	7547261	3607	90	236.53	9.96	0.32
chrX	7550545	7551543	999	22	63.85	6.9	1.61
chrX	7553771	7555859	2089	53	147.08	6.9	0.57
chrX	7556605	7558150	1546	41	132.58	9.2	0.63
chrX	7559127	7561403	2277	57	161.37	8.43	0.47
chrX	7561689	7562495	807	18	55.36	6.13	1.88
chrX	7567298	7568005	708	16	51.34	6.13	2.05

chrX	7569280	7570369	1090	28	92.14	7.66	1.1
chrX	7594600	7595411	812	19	60.82	6.13	1.71
chrX	7596427	7597437	1011	23	68.65	6.9	1.49
chrX	7599104	7600210	1107	26	78.63	8.43	1.24
chrX	7601314	7602919	1606	38	103.66	8.43	0.92
chrX	7608637	7609808	1172	32	109.98	8.43	0.88
chrX	7611966	7614294	2329	66	218.82	8.43	0.32
chrX	7614738	7617153	2416	67	204.26	9.96	0.38
chrX	7618822	7623398	4577	123	346.65	11.5	0.23
chrX	7623817	7626135	2319	75	273.86	10.73	0.27
chrX	7626213	7627171	959	19	50.27	6.13	2.13
chrX	7627307	7629139	1833	52	169.53	6.9	0.48
chrX	7630121	7631204	1084	23	63.34	6.9	1.62
chrX	7631414	7633203	1790	48	148.17	7.66	0.56
chrX	7635640	7636400	761	17	53.08	7.66	1.98
chrX	7640466	7641248	783	17	51.43	6.13	2.06
chrX	7641839	7642683	845	18	52.57	6.9	1.99
chrX	7644007	7645345	1339	37	126.36	10.73	0.69
chrX	7649132	7650134	1003	27	93.75	9.2	1.07
chrX	7652557	7654500	1944	50	147.09	7.66	0.57
chrX	7661227	7663877	2651	69	202.08	9.2	0.42
chrX	7664021	7668174	4154	128	424.91	10.73	0.12
chrX	7668519	7669291	773	17	52.17	6.13	2.04
chrX	7670404	7671164	761	17	53.08	5.37	1.98
chrX	7684613	7686281	1669	37	93.56	7.66	1.07
chrX	7686380	7687171	792	17	50.78	6.13	2.07
chrX	7690128	7690954	827	18	53.87	6.9	1.95
chrX	7691242	7692739	1498	36	106.26	7.66	0.93
chrX	7692988	7693755	768	17	52.55	6.9	1.98
chrX	7702036	7702742	707	18	63.62	9.2	1.61
chrX	7727841	7728793	953	22	67.32	6.13	1.53
chrX	7729687	7730531	845	18	52.57	7.66	1.99
chrX	7734612	7736020	1409	32	84.44	7.66	1.14
chrX	7765890	7766876	987	24	76.45	6.13	1.27
chrX	7771581	7772636	1056	26	82.78	8.43	1.15
chrX	7772691	7774130	1440	117	471.78	22.02	0.07
chrX	7789392	7790447	1056	27	88.92	6.13	1.1
chrX	7825050	7825932	883	21	67	6.9	1.53
chrX	7839123	7841527	2405	96	384.36	14.23	0.21
chrX	7841619	7843143	1525	54	217.2	10.73	0.35
chrX	7847708	7849544	1837	48	150.2	6.9	0.53
chrX	7852731	7854275	1545	39	114.3	8.43	0.86
chrX	7890172	7890924	753	17	53.7	7.66	1.96
chrX	7891061	7891994	934	23	68.83	8.43	1.48
chrX	7941814	7943135	1322	35	115.17	10.73	0.87
chrX	7947279	7948106	828	18	53.79	6.13	1.96
chrX	7950965	7952112	1148	29	93.25	7.66	1.06
chrX	7954120	7954998	879	18	50.21	6.9	2.13
chrX	7957470	7958377	908	22	70.95	8.43	1.46
chrX	7958867	7960287	1421	32	83.59	6.9	1.15
chrX	7969851	7971525	1675	39	104.17	7.66	0.92

chrX	7978529	7979533	1005	24	74.98	6.13	1.32
chrX	7992502	7993921	1420	35	106.67	9.2	0.92
chrX	8002649	8006231	3583	101	317.73	7.66	0.24
chrX	8006538	8007329	792	17	50.78	5.37	2.07
chrX	8011609	8013162	1554	32	85.25	6.9	1.11
chrX	8016973	8017822	850	21	69.75	8.43	1.47
chrX	8023929	8025352	1424	43	150.9	7.66	0.51
chrX	8029774	8030623	850	25	95.74	9.2	1.04
chrX	8035183	8035961	779	17	51.73	6.9	2.04
chrX	8048735	8049927	1193	25	66.72	9.96	1.52
chrX	8050877	8051657	781	17	51.58	5.37	2.04
chrX	8076292	8077188	897	19	54.43	7.66	1.92
chrX	8093305	8094101	797	17	50.42	6.9	2.12
chrX	8095030	8095865	836	18	53.21	6.13	1.98
chrX	8097318	8098463	1146	30	99.64	8.43	1.03
chrX	8099885	8101178	1294	35	117.75	10.73	0.85
chrX	8119978	8121217	1240	29	85.7	7.66	1.11
chrX	8125591	8126675	1085	28	92.58	8.43	1.09
chrX	8137722	8138391	670	16	54.41	6.9	1.92
chrX	8139509	8142071	2563	70	215.99	9.2	0.34
chrX	8162364	8163487	1124	28	89.19	7.66	1.1
chrX	8167132	8168032	901	22	71.54	8.43	1.42
chrX	8168076	8169612	1537	37	97.48	7.66	1.02
chrX	8170344	8171485	1142	28	87.68	6.9	1.12
chrX	8171492	8172357	866	20	56.66	6.13	1.87
chrX	8175849	8179742	3894	104	302.06	10.73	0.23
chrX	8181559	8182668	1110	23	61.57	9.2	1.7
chrX	8202048	8202860	813	71	298.45	16.07	0.23
chrX	8225384	8227598	2215	296	1036.89	19.34	0
chrX	8230150	8230946	797	18	56.12	6.13	1.86
chrX	8235359	8236710	1352	40	144.9	8.43	0.56
chrX	8236756	8239767	3012	78	208	7.66	0.36
chrX	8239892	8240805	914	20	53.25	6.9	1.97
chrX	8242155	8243414	1260	31	95.92	7.66	1.02
chrX	8243422	8244415	994	26	81.96	7.66	1.16
chrX	8246111	8247258	1148	28	87.18	9.96	1.12
chrX	8255634	8256565	932	22	68.99	6.9	1.49
chrX	8256938	8258543	1606	41	121.22	9.2	0.85
chrX	8258841	8260066	1226	33	104.99	6.9	0.93
chrX	8263484	8264454	971	23	71.78	7.66	1.42
chrX	8266693	8267631	939	20	57	6.13	1.87
chrX	8268006	8269164	1159	24	58.38	6.13	1.77
chrX	8269597	8270767	1171	31	103.68	9.2	0.92
chrX	8271606	8276520	4915	125	330.58	9.2	0.21
chrX	8280170	8281532	1363	32	93.54	7.66	1.07
chrX	8297290	8298772	1483	33	84.72	9.96	1.14
chrX	8299645	8300794	1150	39	160.76	9.2	0.47
chrX	8300977	8305991	5015	203	868.7	14.56	0.14
chrX	8309348	8311564	2217	80	329.82	13.8	0.21
chrX	8334429	8335411	983	24	76.79	8.43	1.27
chrX	8337487	8339100	1614	66	305.63	23.76	0.23

chrX	8343104	8343893	790	19	62.62	7.66	1.65
chrX	8344226	8345579	1354	33	100.14	7.66	1.01
chrX	8394203	8394897	695	17	58.43	6.9	1.77
chrX	8440356	8441530	1175	26	73.47	8.43	1.38
chrX	8444258	8445683	1426	34	94.46	7.66	1.08
chrX	8445823	8447875	2053	49	132.5	6.9	0.63
chrX	8455469	8456468	1000	24	75.38	7.66	1.3
chrX	8463776	8464792	1017	23	68.19	9.2	1.5
chrX	8474233	8475185	953	22	67.32	6.9	1.53
chrX	8485600	8487261	1662	40	110.84	6.9	0.85
chrX	8512374	8513153	780	17	51.65	5.37	2.04
chrX	8517255	8518085	831	18	53.58	5.37	1.97
chrX	8532576	8534304	1729	49	166.61	7.66	0.47
chrX	8534423	8535216	794	22	74.77	9.96	1.35
chrX	8575772	8576619	848	18	52.35	8.43	2.01
chrX	8603770	8604916	1147	24	64.45	6.9	1.57
chrX	8606611	8608095	1485	37	107.3	6.9	0.9
chrX	8608570	8612438	3869	103	292.04	9.96	0.26
chrX	8612899	8613833	935	20	57.28	7.66	1.84
chrX	8614525	8615312	788	17	51.07	6.13	2.08
chrX	8616329	8617174	846	18	52.5	6.13	1.98
chrX	8626828	8628545	1718	45	135.98	9.2	0.59
chrX	8630601	8631229	629	17	64.48	6.9	1.57
chrX	8631559	8632388	830	18	53.65	6.13	1.96
chrX	8635499	8636864	1366	34	99.17	6.13	1.03
chrX	8637134	8637988	855	21	69.33	7.66	1.48
chrX	8639142	8639937	796	17	50.49	5.37	2.11
chrX	8653197	8654598	1402	32	84.94	6.9	1.14
chrX	8659258	8660044	787	17	51.14	6.9	2.07
chrX	8662493	8663365	873	18	50.62	6.9	2.1
chrX	8674365	8675212	848	19	58.01	6.13	1.81
chrX	8685279	8686038	760	20	71.51	9.2	1.42
chrX	8726524	8727227	704	17	57.66	6.13	1.83
chrX	8826222	8827127	906	20	59.38	6.9	1.73
chrX	8831925	8833705	1781	41	107.61	6.9	0.89
chrX	8834555	8835361	807	18	55.36	5.37	1.88
chrX	8858690	8859733	1044	22	60.65	6.9	1.72
chrX	8917894	8918667	774	17	52.1	6.13	2.03
chrX	8941667	8942460	794	20	68.43	7.66	1.51
chrX	9002576	9003901	1326	34	102.47	6.13	0.95
chrX	9004311	9005848	1538	33	80.99	7.66	1.19
chrX	9017031	9018135	1105	25	73	5.37	1.4
chrX	9042774	9043872	1099	25	73.45	9.96	1.38
chrX	9064421	9065183	763	17	52.93	7.66	1.98
chrX	9065909	9068202	2294	56	154.16	8.43	0.49
chrX	9068406	9069574	1169	34	123.44	8.43	0.76
chrX	9073089	9073881	793	18	56.43	6.9	1.87
chrX	9097344	9098054	711	16	51.11	6.13	2.06
chrX	9129033	9129755	723	17	56.08	9.96	1.86
chrX	9140659	9141794	1136	29	94.29	6.9	1.08
chrX	9143566	9145159	1594	37	98.9	6.9	1.02

chrX	9156595	9157382	788	17	51.07	6.13	2.08
chrX	9162950	9163740	791	19	61.14	7.5	1.73
chrX	9171886	9174000	2115	64	220.47	7.66	0.33
chrX	9175279	9176894	1616	38	102.91	7.66	0.94
chrX	9179915	9181921	2007	51	147.84	8.43	0.56
chrX	9189854	9191022	1169	29	91.46	7.66	1.09
chrX	9192854	9194365	1512	34	88.15	6.9	1.1
chrX	9207535	9208525	991	28	101.44	7.66	1
chrX	9214057	9214978	922	19	52.71	6.9	1.97
chrX	9216571	9217384	814	19	60.66	6.13	1.72
chrX	9231778	9233011	1234	33	110.57	8.43	0.84
chrX	9233242	9234697	1456	35	97.91	6.9	1.02
chrX	9245027	9246559	1533	43	146.59	6.9	0.57
chrX	9275647	9276734	1088	21	52.52	7.66	1.98
chrX	9277733	9278764	1032	21	56.08	9.96	1.86
chrX	9290493	9291276	784	18	57.13	6.13	1.86
chrX	9293447	9294244	798	20	68.08	6.9	1.51
chrX	9300825	9304323	3499	94	275.24	8.43	0.28
chrX	9321717	9322466	750	17	53.93	5.37	1.94
chrX	9351077	9351918	842	18	52.78	6.9	1.97
chrX	9355685	9356553	869	18	50.89	6.9	2.07
chrX	9359982	9360900	919	20	58.43	7.66	1.77
chrX	9366748	9367459	712	19	69.57	9.2	1.47
chrX	9369736	9370501	766	17	52.7	6.13	1.97
chrX	9370841	9372202	1362	31	87.88	8.43	1.11
chrX	9376653	9377827	1175	27	79.15	8.43	1.22
chrX	9378303	9379559	1257	35	114.81	7.66	0.86
chrX	9381198	9382668	1471	36	108.44	8.43	0.88
chrX	9397451	9398568	1118	27	83.66	9.2	1.15
chrX	9421570	9423558	1989	55	174.05	9.96	0.45
chrX	9423619	9424449	831	19	59.32	7.66	1.73
chrX	9430426	9434742	4317	155	611.3	13.8	0.09
chrX	9434949	9436726	1778	59	222.87	11.5	0.33
chrX	9436800	9438464	1665	52	193.5	14.56	0.47
chrX	9477031	9477811	781	17	51.58	6.9	2.04
chrX	9478557	9479488	932	19	52.04	9.96	2.03
chrX	9502455	9503738	1284	35	118.69	7.66	0.86
chrX	9511649	9512492	844	18	52.64	7.66	1.97
chrX	9517451	9519261	1811	44	122.39	6.9	0.78
chrX	9531053	9531840	788	17	51.07	5.37	2.08
chrX	9533604	9534284	681	16	53.5	5.37	1.97
chrX	9574030	9574827	798	17	50.35	6.13	2.13
chrX	9578476	9579825	1350	34	100.47	7.66	1.02
chrX	9580765	9581532	768	17	52.55	6.13	1.98
chrX	9596346	9597285	940	19	51.51	6.13	2.05
chrX	9599251	9600414	1164	28	85.87	8.43	1.11
chrX	9613211	9614275	1065	24	70.3	6.9	1.47
chrX	9623478	9624240	763	17	52.93	5.37	1.98
chrX	9626447	9627712	1266	33	107.67	7.66	0.89
chrX	9629643	9633161	3519	111	376.92	13.03	0.25
chrX	9633671	9634458	788	18	56.82	6.13	1.87

chrX	9640150	9640919	770	17	52.4	9.2	2
chrX	9652648	9654011	1364	36	117.65	10.73	0.85
chrX	9657744	9659591	1848	61	236.09	13.8	0.32
chrX	9660817	9661611	795	27	116.36	11.5	0.87
chrX	9661934	9664283	2350	62	179.23	9.2	0.46
chrX	9842243	9843599	1357	33	99.9	6.13	1.01
chrX	9845093	9847252	2160	55	159.08	7.66	0.49
chrX	9850691	9851888	1198	35	127.17	8.43	0.68
chrX	9867529	9868985	1457	33	86.54	6.13	1.12
chrX	9869564	9870675	1112	22	56.17	9.2	1.87
chrX	9873712	9874758	1047	24	71.66	6.13	1.42
chrX	9875674	9877278	1605	40	99.68	6.78	1.02
chrX	9887993	9888617	625	18	71.62	9.2	1.42
chrX	9897006	9897914	909	20	59.16	6.9	1.75
chrX	9902501	9904312	1812	46	134.09	7.66	0.62
chrX	9905842	9907000	1159	28	86.28	6.13	1.11
chrX	9907246	9908836	1591	37	93.56	7.66	1.07
chrX	9910942	9912747	1806	45	128.64	9.96	0.65
chrX	9916714	9917479	766	17	52.7	6.13	1.97
chrX	9917963	9921576	3614	100	302.2	9.96	0.23
chrX	9922486	9923329	844	23	82.98	7.66	1.15
chrX	9929104	9929768	665	17	61.08	6.9	1.72
chrX	9944118	9944901	784	18	51.36	6.9	2.06
chrX	9946572	9948311	1740	48	159.07	8.43	0.49
chrX	9951377	9952847	1471	38	120.58	8.43	0.86
chrX	9953228	9955993	2766	75	228.9	8.43	0.34
chrX	9956528	9957816	1289	37	131.27	9.96	0.64
chrX	9957914	9959250	1337	34	101.55	9.2	1
chrX	9984371	9985331	961	20	55.47	6.13	1.89
chrX	9990731	9991843	1113	25	72.4	6.13	1.41
chrX	9998449	9999445	997	24	75.63	7.66	1.3
chrX	9999709	10000882	1174	24	62.64	6.9	1.65
chrX	10007954	10008780	827	18	53.87	8.43	1.95
chrX	10010673	10012074	1402	34	96.31	7.66	1.02
chrX	10015704	10016709	1006	26	87.12	7.66	1.12
chrX	10021137	10023253	2117	53	150.71	8.43	0.53
chrX	10030182	10031646	1465	51	209.96	19.16	0.36
chrX	10047936	10049501	1566	55	226.85	16.1	0.34
chrX	10058081	10058903	823	20	65.93	6.9	1.51
chrX	10063433	10064251	819	18	54.46	6.13	1.92
chrX	10065391	10066536	1146	28	87.34	12.26	1.12
chrX	10066580	10067284	705	18	57.58	6.9	1.83
chrX	10071957	10073736	1780	46	136.77	6.9	0.58
chrX	10085593	10086664	1072	23	64.18	6.9	1.59
chrX	10094227	10095037	811	19	60.9	7.66	1.72
chrX	10105327	10106207	881	18	50.08	8.43	2.14
chrX	10126255	10130099	3845	97	264.22	7.66	0.33
chrX	10151498	10152360	863	18	51.3	8.43	2.05
chrX	10153092	10154145	1054	25	76.96	6.13	1.27
chrX	10154226	10155880	1655	43	123.15	8.43	0.79
chrX	10161459	10162660	1202	32	107.17	8.43	0.9

chrX	10173851	10175892	2042	49	127.66	8.43	0.68
chrX	10176400	10177530	1131	38	155.77	14.56	0.47
chrX	10178249	10179994	1746	45	133.59	10.73	0.63
chrX	10179997	10182096	2100	52	134.64	6.9	0.6
chrX	10200991	10202011	1021	20	51.54	6.13	2.05
chrX	10212344	10213735	1392	34	91.32	6.9	1.09
chrX	10213753	10215586	1834	43	109.33	6.9	0.88
chrX	10215732	10216835	1104	28	90.91	8.43	1.12
chrX	10225961	10227282	1322	33	102.8	8.43	0.94
chrX	10227298	10231506	4209	133	452.89	13.03	0.06
chrX	10237047	10238363	1317	28	69.12	8.43	1.48
chrX	10238699	10239694	996	27	94.41	8.43	1.08
chrX	10246028	10247010	983	23	70.82	6.9	1.46
chrX	10248892	10253103	4212	107	281.64	7.66	0.28
chrX	10253285	10256023	2739	77	237.65	9.96	0.32
chrX	10256027	10257357	1331	40	140.34	9.2	0.58
chrX	10259551	10261126	1576	45	155.46	10.73	0.47
chrX	10262543	10264018	1476	38	120.14	9.96	0.86
chrX	10265772	10266685	914	19	53.25	6.13	1.97
chrX	10272132	10274271	2140	49	120.58	8.43	0.86
chrX	10277358	10278460	1103	25	73.15	7.66	1.39
chrX	10280666	10281454	789	17	50.99	6.9	2.07
chrX	10287709	10288705	997	23	69.73	7.66	1.47
chrX	10289071	10289846	776	17	51.95	6.13	2.03
chrX	10291688	10293671	1984	46	120.71	9.2	0.86
chrX	10296879	10297699	821	18	54.31	6.9	1.94
chrX	10312181	10313837	1657	44	135.14	9.96	0.59
chrX	10317243	10320443	3201	81	216.3	9.2	0.35
chrX	10385838	10386636	799	17	50.27	8.43	2.13
chrX	10422193	10422892	700	17	58	6.9	1.81
chrX	10423638	10425485	1848	45	125.3	9.96	0.71
chrX	10437866	10438823	958	21	61.21	6.9	1.71
chrX	10439038	10439883	846	22	70.1	8.43	1.47
chrX	10440708	10443507	2800	75	219.72	8.43	0.32
chrX	10445458	10446250	793	18	56.43	6.9	1.87
chrX	10447071	10448081	1011	23	68.65	7.66	1.49
chrX	10449063	10451181	2119	55	162.52	8.43	0.48
chrX	10453535	10457805	4271	135	466.71	10.73	0.07
chrX	10458456	10460811	2356	67	216.21	8.43	0.35
chrX	10463259	10464224	966	20	55.13	6.9	1.88
chrX	10467004	10468593	1590	37	104.88	8.43	0.93
chrX	10473462	10474375	914	20	58.79	6.9	1.75
chrX	10474442	10475906	1465	41	140.17	7.66	0.58
chrX	10492248	10493037	790	18	56.66	6.13	1.87
chrX	10493040	10494195	1156	32	105.06	9.2	0.93
chrX	10499835	10500761	927	19	52.37	8.43	2.01
chrX	10509222	10510029	808	18	55.28	6.13	1.88
chrX	10512319	10513375	1057	23	65.24	7.66	1.55
chrX	10514212	10517129	2918	69	192.16	7.66	0.47
chrX	10530552	10531896	1345	34	106.93	8.43	0.89
chrX	10532450	10533375	926	23	75.52	7.66	1.3

chrX	10533543	10534426	884	24	79.23	6.9	1.22
chrX	10534447	10535220	774	18	52.1	7.66	2.03
chrX	10548735	10550176	1442	34	93.25	7.66	1.06
chrX	10552693	10554170	1478	36	101.99	8.43	0.98
chrX	10556529	10557311	783	17	51.43	5.37	2.06
chrX	10561948	10562814	867	20	62.36	7.66	1.68
chrX	10566760	10567830	1071	23	64.25	8.43	1.59
chrX	10583248	10584072	825	19	59.79	6.13	1.72
chrX	10586270	10589748	3479	95	277	9.2	0.28
chrX	10591483	10592664	1182	29	84.43	8.43	1.14
chrX	10597980	10599328	1349	33	100.55	8.43	1.02
chrX	10600133	10601388	1256	30	90.29	7.66	1.11
chrX	10602169	10603089	921	23	75.95	6.9	1.29
chrX	10608149	10609303	1155	24	63.91	6.13	1.61
chrX	10609981	10611265	1285	30	88.01	8.43	1.1
chrX	10613816	10614704	889	19	55	7.66	1.88
chrX	10621308	10622842	1535	40	121.17	7.66	0.85
chrX	10637892	10639019	1128	29	95	6.9	1.05
chrX	10641404	10644162	2759	69	187.26	8.43	0.46
chrX	10647146	10647963	818	23	85.54	9.2	1.1
chrX	10649128	10650083	956	22	67.09	8.43	1.53
chrX	10660515	10661349	835	18	53.28	7.66	1.97
chrX	10664021	10664802	782	17	51.51	6.9	2.05
chrX	10666586	10667286	701	17	57.92	8.43	1.81
chrX	10670247	10671318	1072	22	58.76	8.43	1.75
chrX	10686158	10686907	750	17	53.93	6.13	1.94
chrX	10699055	10701203	2149	54	154.03	8.43	0.49
chrX	10707311	10708453	1143	22	54.25	6.9	1.95
chrX	10713302	10714187	886	21	66.75	6.13	1.52
chrX	10727278	10728305	1028	22	61.77	6.9	1.7
chrX	10732021	10733306	1286	33	105.9	6.9	0.92
chrX	10733791	10738223	4433	134	436.28	9.96	0.12
chrX	10739593	10741754	2162	57	171.02	12.26	0.48
chrX	10742228	10743197	970	22	66.01	6.9	1.51
chrX	10745291	10746127	837	18	53.14	6.9	1.98
chrX	10751791	10753160	1370	33	87.28	9.2	1.11
chrX	10757011	10757877	867	20	62.36	7.66	1.68
chrX	10760751	10762342	1592	35	88.04	6.9	1.1
chrX	10765519	10766747	1229	28	80.79	7.66	1.19
chrX	10783940	10784896	957	21	61.29	6.9	1.72
chrX	10787843	10788694	852	20	63.55	6.9	1.61
chrX	10792887	10793842	956	24	79.08	8.43	1.22
chrX	10794119	10795679	1561	34	84.78	6.13	1.15
chrX	10797192	10797963	772	17	52.25	5.37	2.03
chrX	10805147	10806089	943	20	56.72	6.13	1.87
chrX	10806288	10807707	1420	34	100.73	7.66	1.01
chrX	10810852	10812077	1226	26	69.87	7.66	1.47
chrX	10812089	10813088	1000	25	75.38	6.13	1.3
chrX	10826116	10826922	807	18	55.36	5.37	1.88
chrX	10828753	10829977	1225	29	86.88	7.66	1.12
chrX	10830364	10831135	772	18	58.09	6.9	1.8

chrX	10833853	10835699	1847	43	113.96	9.2	0.86
chrX	10843595	10844847	1253	27	73.45	9.2	1.38
chrX	10846988	10847943	956	19	50.46	6.13	2.12
chrX	10856941	10860049	3109	83	241.83	13.03	0.33
chrX	10875214	10875983	770	19	64.32	7.66	1.59
chrX	10883241	10887579	4339	129	419.35	13.03	0.11
chrX	10887694	10891694	4001	99	257.71	10.73	0.32
chrX	10892072	10892891	820	19	60.18	5.37	1.72
chrX	10893745	10894592	848	22	76.17	7.66	1.28
chrX	10901122	10907266	6145	222	860.25	16.1	0.14
chrX	10907920	10909325	1406	32	90.26	9.96	1.11
chrX	10910753	10915139	4387	167	692.68	15.33	0.11
chrX	10918132	10920428	2297	71	255.5	12.26	0.32
chrX	10922235	10923580	1346	29	77.89	9.2	1.28
chrX	10933991	10937660	3670	101	290.97	10.73	0.26
chrX	10944127	10945628	1502	34	88.86	6.13	1.1
chrX	10945888	10948357	2470	63	175.24	9.2	0.45
chrX	10950042	10951523	1482	42	138.53	9.2	0.57
chrX	10957022	10957927	906	21	65.16	7.66	1.56
chrX	10959426	10960626	1201	35	126.86	9.2	0.67
chrX	10961626	10962997	1372	32	66.95	6.52	1.53
chrX	10964876	10965827	952	20	56.09	7.66	1.86
chrX	10966774	10968267	1494	33	83.96	6.9	1.14
chrX	10969550	10972050	2501	66	196.71	8.43	0.46
chrX	10972861	10975062	2202	65	211.68	8.43	0.36
chrX	10976624	10983177	6554	183	535.55	13.03	0.08
chrX	10988959	10989766	808	19	61.14	5.37	1.73
chrX	10993609	10994742	1134	27	82.36	7.66	1.16
chrX	10996955	10998480	1526	42	140.79	7.66	0.58
chrX	11003264	11005515	2252	60	152.04	7.45	0.5
chrX	11005880	11007319	1440	38	123.34	8.43	0.76
chrX	11008599	11009720	1122	30	101.84	8.43	0.98
chrX	11011612	11012921	1310	32	91.87	6.9	1.1
chrX	11013126	11014058	933	24	81.11	6.9	1.17
chrX	11014544	11015786	1243	30	91.34	9.96	1.09
chrX	11016325	11017462	1138	25	70.56	6.9	1.47
chrX	11023389	11024041	653	21	89.66	9.2	1.1
chrX	11024624	11025552	929	20	57.71	5.37	1.82
chrX	11027415	11028637	1223	26	70.07	8.43	1.47
chrX	11077646	11079386	1741	49	165.44	8.43	0.49
chrX	11082269	11083091	823	19	59.94	5.37	1.72
chrX	11083110	11083906	797	18	50.42	7.66	2.12
chrX	11084728	11086157	1430	35	105.84	6.9	0.92
chrX	11086320	11090884	4565	136	476.13	11.5	0.07
chrX	11095642	11097792	2151	65	223.45	11.5	0.33
chrX	11098433	11100746	2314	60	170.22	6.9	0.48
chrX	11126113	11126900	788	17	51.07	8.43	2.08
chrX	11132941	11134073	1133	27	76.61	9.2	1.28
chrX	11136807	11139406	2600	70	212.66	9.2	0.37
chrX	11139476	11140448	973	22	65.79	6.9	1.52
chrX	11141005	11142098	1094	21	52.16	7.66	2.03

chrX	11148410	11149529	1120	24	66.31	7.66	1.52
chrX	11150250	11151033	784	17	51.36	6.13	2.06
chrX	11151792	11154584	2793	93	346.53	12.26	0.23
chrX	11156914	11158009	1096	27	85.48	7.66	1.1
chrX	11163711	11164669	959	27	91.46	8.43	1.09
chrX	11164760	11165259	500	17	81.45	9.2	1.17
chrX	11166060	11169926	3867	98	262.45	9.2	0.33
chrX	11170690	11171609	920	25	88.7	10.73	1.1
chrX	11171753	11177604	5852	166	493.07	11.5	0.07
chrX	11181587	11182447	861	18	51.44	6.9	2.06
chrX	11183138	11184545	1408	39	132.69	10.73	0.63
chrX	11186088	11188225	2138	62	204.9	11.5	0.38
chrX	11188351	11190008	1658	39	70.68	6.52	1.47
chrX	11190948	11192787	1840	48	143.8	9.2	0.56
chrX	11194482	11196211	1730	42	117.13	7.66	0.86
chrX	11202640	11204230	1591	37	99.12	7.66	1.02
chrX	11205097	11206655	1559	78	417.32	17.63	0.11
chrX	11207648	11209667	2020	63	223.72	11.5	0.33
chrX	11216192	11217256	1065	25	76.08	6.9	1.28
chrX	11219003	11220152	1150	27	75.32	6.9	1.3
chrX	11221856	11222874	1019	22	62.4	6.13	1.68
chrX	11225691	11226790	1100	23	62.24	7.66	1.69
chrX	11231650	11232971	1322	30	85.19	7.66	1.11
chrX	11233499	11235351	1853	54	164.46	7.45	0.48
chrX	11236840	11239791	2952	92	314.96	12.26	0.24
chrX	11240009	11241616	1608	45	145.88	9.2	0.57
chrX	11241695	11244856	3162	86	249.47	9.2	0.34
chrX	11245050	11249302	4253	118	350.56	9.96	0.23
chrX	11249342	11250564	1223	36	124.63	9.2	0.71
chrX	11250664	11254791	4128	151	590.9	15.33	0.09
chrX	11255866	11256793	928	19	52.3	7.66	2.01
chrX	11267133	11270879	3747	114	379.99	12.26	0.2
chrX	11270901	11273668	2768	74	210.29	8.43	0.36
chrX	11274633	11276572	1940	52	165.92	8.43	0.49
chrX	11276717	11280090	3374	87	237.59	9.2	0.32
chrX	11286961	11288061	1101	23	62.17	8.43	1.69
chrX	11299123	11301930	2808	75	225.16	11.5	0.33
chrX	11302322	11303821	1500	38	118.07	8.43	0.86
chrX	11304109	11305290	1182	30	96.46	6.9	1.02
chrX	11312276	11314445	2170	66	228.2	10.73	0.34
chrX	11314994	11316232	1239	32	103.84	11.5	0.92
chrX	11316638	11318013	1376	33	98.36	9.2	1.02
chrX	11318155	11320238	2084	69	258.42	11.5	0.32
chrX	11321776	11322588	813	18	54.91	6.9	1.88
chrX	11337439	11338856	1418	37	119.06	8.43	0.86
chrX	11338908	11341759	2852	85	278.46	10.73	0.28
chrX	11341917	11345186	3270	93	277.1	10.73	0.28
chrX	11345843	11348126	2284	81	328.63	12.26	0.21
chrX	11348575	11349507	933	22	68.91	8.43	1.48
chrX	11357943	11359245	1303	28	75.43	10.73	1.31
chrX	11363017	11364895	1879	59	218.43	9.96	0.32

chrX	11379676	11380910	1235	30	91.99	9.2	1.1
chrX	11384788	11385714	927	28	108.11	13.03	0.88
chrX	11401954	11403782	1829	42	109.69	6.9	0.88
chrX	11412856	11414110	1255	28	78.85	7.66	1.23
chrX	11414600	11415630	1031	22	61.55	6.13	1.7
chrX	11417128	11418315	1188	31	102.14	7.66	0.97
chrX	11420263	11421698	1436	35	99.46	7.66	1.03
chrX	11422678	11423537	860	18	51.51	5.37	2.05
chrX	11427699	11429823	2125	80	334.48	15.33	0.22
chrX	11456232	11459464	3233	95	306.25	12.26	0.23
chrX	11465500	11466704	1205	45	191.16	14.56	0.47
chrX	11468134	11468991	858	18	51.65	5.37	2.04
chrX	11472507	11473374	868	18	50.96	6.13	2.07
chrX	11473739	11474832	1094	25	73.83	7.66	1.38
chrX	11477014	11478559	1546	40	126.36	8.43	0.69
chrX	11480323	11482112	1790	48	148.17	9.96	0.56
chrX	11482146	11483039	894	24	78.32	8.43	1.25
chrX	11493510	11494857	1348	35	112.83	8.43	0.86
chrX	11512706	11513428	723	16	50.19	6.9	2.13
chrX	11515553	11516585	1033	27	90.97	8.43	1.12
chrX	11516760	11521934	5175	165	560.54	13.03	0.08
chrX	11522068	11525845	3778	100	287.7	9.2	0.29
chrX	11525957	11528013	2057	70	276.02	13.8	0.28
chrX	11528023	11530691	2669	78	250.72	9.96	0.34
chrX	11530885	11536418	5534	149	416.23	13.03	0.11
chrX	11539458	11543461	4004	159	684.4	16.86	0.11
chrX	11549004	11549749	746	19	66.43	8.43	1.52
chrX	11550397	11552495	2099	54	158.17	9.96	0.48
chrX	11553313	11554142	830	18	53.65	6.13	1.96
chrX	11554322	11556513	2192	60	180.72	7.66	0.46
chrX	11556531	11558236	1706	51	168.88	8.43	0.47
chrX	11559462	11560353	892	21	66.27	6.13	1.52
chrX	11561961	11563008	1048	25	77.44	6.9	1.28
chrX	11564651	11566082	1432	37	111.69	8.43	0.85
chrX	11568094	11569794	1701	48	149.96	9.2	0.53
chrX	11571364	11572965	1602	44	146.45	9.96	0.57
chrX	11574770	11575944	1175	32	109.69	7.66	0.88
chrX	11577130	11582624	5495	160	507.73	14.56	0.07
chrX	11589527	11590533	1007	24	74.82	7.66	1.35
chrX	11592252	11595696	3445	100	344.3	11.5	0.23
chrX	11597624	11601869	4246	164	689.06	15.33	0.11
chrX	11601892	11603191	1300	34	104.68	9.96	0.93
chrX	11603479	11604291	813	21	73.02	7.66	1.4
chrX	11605618	11608228	2611	77	263.07	9.2	0.33
chrX	11608579	11609942	1364	34	105.32	8.43	0.92
chrX	11627077	11628709	1633	46	156.41	9.96	0.48
chrX	11635355	11639280	3926	100	293.24	8.43	0.26
chrX	11640553	11644882	4330	115	325.35	9.2	0.21
chrX	11647710	11649205	1496	41	137.2	10.73	0.58
chrX	11649294	11651426	2133	53	137.83	6.9	0.58
chrX	11652370	11655083	2714	102	430.53	16.1	0.12

chrX	11655277	11657777	2501	76	254.32	9.96	0.31
chrX	11657791	11659294	1504	54	219.87	13.03	0.32
chrX	11661174	11662133	960	20	55.54	6.9	1.87
chrX	11662902	11666807	3906	124	430.89	9.2	0.12
chrX	11666977	11670319	3343	117	453.65	12.26	0.06
chrX	11676411	11678298	1888	67	267.63	12.26	0.33
chrX	11679253	11683150	3898	150	636.99	15.33	0.1
chrX	11687574	11688409	836	21	70.97	6.9	1.46
chrX	11690643	11691374	732	18	61.42	9.2	1.71
chrX	11693045	11696993	3949	112	340.7	11.5	0.22
chrX	11697372	11699566	2195	68	245.96	10.73	0.34
chrX	11699613	11700517	905	22	65.23	8.43	1.56
chrX	11700572	11703177	2606	72	224.64	10.73	0.33
chrX	11703812	11707275	3464	103	342.37	9.2	0.22
chrX	11708222	11709638	1417	39	131.83	7.66	0.62
chrX	11711342	11715062	3721	108	336.67	13.8	0.22
chrX	11715555	11717578	2024	57	183.52	10.73	0.47
chrX	11718041	11719231	1191	24	61.54	8.43	1.7
chrX	11720422	11722485	2064	54	155.09	8.43	0.47
chrX	11724606	11725544	939	21	62.62	6.9	1.65
chrX	11727049	11728018	970	22	66.01	8.43	1.51
chrX	11730518	11733062	2545	69	205.16	11.5	0.38
chrX	11733254	11734745	1492	53	221.42	11.5	0.33
chrX	11735014	11735991	978	26	83.36	9.96	1.15
chrX	11740056	11741862	1807	62	248.29	15.33	0.34
chrX	11742961	11744017	1057	29	95.11	9.2	1.04
chrX	11748349	11749174	826	19	59.71	5.37	1.72
chrX	11749458	11750653	1196	28	77.57	9.96	1.27
chrX	11756621	11758214	1594	45	153.69	9.2	0.49
chrX	11758758	11760330	1573	46	162.39	13.8	0.48
chrX	11760412	11763688	3277	119	469.36	16.86	0.07
chrX	11763839	11764646	808	23	79.92	9.2	1.2
chrX	11765005	11766645	1641	38	101.06	8.43	1.01
chrX	11772801	11773606	806	18	55.43	7.66	1.89
chrX	11774766	11776614	1849	51	161.64	10.73	0.47
chrX	11780229	11783717	3489	105	346.47	11.5	0.23
chrX	11786800	11788381	1582	40	123.25	8.43	0.77
chrX	11789570	11793040	3471	109	388.95	12.26	0.21
chrX	11793515	11799722	6208	169	485.91	8.43	0.07
chrX	11800132	11801108	977	24	77.29	6.13	1.28
chrX	11801289	11801985	697	16	52.21	6.9	2.03
chrX	11804796	11806280	1485	38	113.28	9.96	0.86
chrX	11807133	11808163	1031	24	72.9	6.13	1.4
chrX	11809051	11810592	1542	42	139.28	7.66	0.57
chrX	11812983	11813989	1007	23	68.95	7.66	1.49
chrX	11817355	11821091	3737	130	478.28	13.8	0.07
chrX	11821435	11822972	1538	38	114.87	6.9	0.86
chrX	11836129	11839594	3466	102	329.02	12.26	0.21
chrX	11849039	11850646	1608	41	127.11	6.9	0.68
chrX	11850704	11851852	1149	23	59.01	6.9	1.75
chrX	11852960	11853789	830	19	59.4	6.13	1.73

chrX	11855536	11856901	1366	34	105.15	8.43	0.93
chrX	11857336	11858534	1199	30	95	8.43	1.05
chrX	11860639	11862214	1576	40	117.72	6.9	0.85
chrX	11862634	11865131	2498	85	331.35	9.96	0.21
chrX	11868440	11871138	2699	71	204.05	9.2	0.37
chrX	11873858	11877740	3883	116	379.43	11.5	0.2
chrX	11878424	11879878	1455	34	92.27	6.9	1.09
chrX	11881015	11882094	1080	23	63.62	8.43	1.61
chrX	11882201	11888452	6252	189	609.41	10.73	0.09
chrX	11889424	11893485	4062	138	518.55	10.73	0.07
chrX	11893549	11894887	1339	37	119.94	7.66	0.85
chrX	11896178	11899530	3353	90	263.46	10.73	0.33
chrX	11903422	11904308	887	20	60.81	7.66	1.71
chrX	11912715	11914147	1433	40	136.77	8.43	0.58
chrX	11914189	11914791	603	16	54	6.9	1.95
chrX	11925610	11926995	1386	34	97.57	7.66	1.02
chrX	11956534	11959795	3262	614	3100	23.96	0
chrX	11995501	11999684	4184	156	643.8	13.8	0.1
chrX	11999705	12001495	1791	49	154.33	6.9	0.49
chrX	12002450	12003241	792	17	50.78	6.9	2.07
chrX	12009392	12011328	1937	57	198.62	11.5	0.44
chrX	12012334	12013732	1399	37	120.77	8.43	0.86
chrX	12016782	12017477	696	16	52.29	6.13	2.02
chrX	12023887	12025615	1729	41	111.46	6.9	0.85
chrX	12026021	12027438	1418	43	151.53	12.26	0.5
chrX	12032257	12033497	1241	31	97.52	9.2	1.02
chrX	12034164	12036111	1948	49	146.76	10.73	0.57
chrX	12038163	12038998	836	19	58.93	6.9	1.76
chrX	12039308	12041840	2533	68	200.05	9.96	0.41
chrX	12049627	12050637	1011	25	80.5	7.66	1.18
chrX	12054915	12055794	880	21	67.24	6.9	1.53
chrX	12069097	12070028	932	21	63.15	8.43	1.61
chrX	12071580	12073182	1603	35	87.3	6.9	1.12
chrX	12077582	12078801	1220	25	59.71	8.43	1.72
chrX	12082845	12083565	721	16	50.34	6.13	2.12
chrX	12086256	12087039	784	18	57.13	8.43	1.86
chrX	12090581	12091482	902	19	54.08	7.66	1.95
chrX	12097014	12098283	1270	40	153.79	10.73	0.49
chrX	12098651	12099523	873	22	73.94	6.9	1.39
chrX	12108609	12109474	866	19	56.66	7.66	1.87
chrX	12149102	12149900	799	17	50.27	6.9	2.13
chrX	12183675	12184478	804	18	55.59	8.43	1.87
chrX	12206067	12206863	797	18	56.12	7.66	1.86
chrX	12223273	12224076	804	20	67.56	6.9	1.51
chrX	12226187	12227177	991	23	70.19	6.9	1.47
chrX	12228399	12229756	1358	38	131.02	9.96	0.63
chrX	12235031	12236834	1804	46	140.79	6.9	0.58
chrX	12247387	12249233	1847	42	108.4	9.2	0.88
chrX	12252477	12254594	2118	60	200.33	9.96	0.42
chrX	12255092	12257203	2112	62	214.09	10.73	0.37
chrX	12265221	12266591	1371	40	142.94	9.2	0.59

chrX	12268062	12269285	1224	29	86.96	6.9	1.12
chrX	12269312	12271634	2323	52	118.87	6.13	0.86
chrX	12278270	12279279	1010	25	80.59	7.66	1.18
chrX	12279313	12280749	1437	32	65.58	4.74	1.52
chrX	12281642	12283022	1381	35	109.95	9.2	0.88
chrX	12288968	12289707	740	17	54.71	6.9	1.9
chrX	12290581	12292831	2251	57	163.49	7.66	0.48
chrX	12293210	12294680	1471	44	159.51	10.73	0.47
chrX	12299690	12300784	1095	23	62.58	7.66	1.67
chrX	12303031	12304998	1968	54	176	9.2	0.45
chrX	12308227	12309491	1265	31	83.78	6.13	1.14
chrX	12310809	12311440	632	16	57.72	8.43	1.82
chrX	12311737	12312582	846	19	58.16	6.9	1.78
chrX	12322078	12323382	1305	30	86.47	8.43	1.12
chrX	12324625	12326006	1382	34	103.82	8.43	0.92
chrX	12330081	12331741	1661	43	128.67	8.43	0.65
chrX	12332341	12333376	1036	26	84.48	8.43	1.14
chrX	12334289	12335953	1665	40	110.61	9.96	0.85
chrX	12336155	12338203	2049	57	187.57	9.96	0.46
chrX	12338350	12339723	1374	31	86.99	9.2	1.12
chrX	12356576	12357498	923	22	69.72	6.13	1.47
chrX	12362377	12363690	1314	31	91.56	10.73	1.09
chrX	12364226	12365336	1111	24	66.94	9.96	1.53
chrX	12373127	12375434	2308	66	214.37	8.43	0.37
chrX	12377989	12379209	1221	28	81.39	7.66	1.17
chrX	12379786	12380496	711	18	63.26	6.9	1.62
chrX	12380915	12381715	801	18	55.81	6.13	1.86
chrX	12382843	12385636	2794	65	161.93	8.43	0.47
chrX	12389984	12391395	1412	36	113.41	8.43	0.87
chrX	12397785	12398607	823	20	65.93	7.66	1.51
chrX	12403092	12404542	1451	33	86.97	8.43	1.12
chrX	12404982	12407054	2073	49	125.37	6.9	0.71
chrX	12418122	12419136	1015	22	62.69	6.13	1.66
chrX	12420300	12422242	1943	45	129.47	7.66	0.66
chrX	12422339	12423045	707	21	83.52	7.66	1.15
chrX	12423842	12425724	1883	41	100.49	6.9	1.02
chrX	12428659	12430388	1730	41	111.38	6.9	0.85
chrX	12430391	12432879	2489	70	216.47	9.96	0.35
chrX	12436777	12437965	1189	28	83.87	6.9	1.14
chrX	12438216	12439756	1541	37	102.89	8.43	0.94
chrX	12445613	12446415	803	19	61.55	6.13	1.7
chrX	12447893	12449259	1367	28	71.12	9.2	1.42
chrX	12454690	12455485	796	17	50.49	6.13	2.11
chrX	12481070	12482300	1231	29	86.41	6.9	1.11
chrX	12504296	12505092	797	19	62.04	6.13	1.69
chrX	12508382	12509759	1378	37	116.39	6.9	0.87
chrX	12510346	12512212	1867	45	123.82	10.73	0.75
chrX	12513332	12514258	927	19	52.37	8.43	2.01
chrX	12542552	12543346	795	18	56.28	7.66	1.87
chrX	12566040	12567155	1116	29	96.07	9.2	1.02
chrX	12567981	12569093	1113	21	51.02	8.43	2.07

chrX	12584665	12585447	783	18	57.21	6.13	1.85
chrX	12586489	12588642	2154	50	130.61	7.66	0.63
chrX	12592745	12594971	2227	56	147.82	9.2	0.56
chrX	12599121	12600925	1805	47	140.71	7.66	0.58
chrX	12602533	12604893	2361	61	178.3	9.96	0.46
chrX	12610592	12611961	1370	34	104.81	11.5	0.93
chrX	12626526	12628196	1671	39	104.47	6.9	0.92
chrX	12629349	12630418	1070	24	64.32	8.43	1.59
chrX	12631765	12632574	810	18	55.13	6.13	1.88
chrX	12636880	12638115	1236	26	69.18	9.96	1.48
chrX	12638476	12639816	1341	29	78.24	9.2	1.25
chrX	12640936	12644043	3108	75	194.75	11.5	0.45
chrX	12650777	12651578	802	18	55.74	6.9	1.87
chrX	12652312	12653051	740	17	54.71	6.13	1.9
chrX	12656633	12657483	851	18	52.14	6.13	2.03
chrX	12657735	12659003	1269	27	72.34	6.13	1.41
chrX	12659414	12662121	2708	68	185.48	11.5	0.47
chrX	12662983	12663784	802	18	55.74	5.37	1.87
chrX	12667022	12668885	1864	117	708.99	21.46	0.11
chrX	12670660	12674131	3472	99	315.46	9.96	0.24
chrX	12723918	12724703	786	18	56.98	6.9	1.87
chrX	12790137	12791845	1709	41	112.98	7.66	0.86
chrX	12817686	12819101	1416	35	107	7.66	0.89
chrX	12927331	12928242	912	20	58.94	6.9	1.76
chrX	12954383	12955556	1174	26	73.55	7.66	1.38
chrX	12956935	12957726	792	17	50.78	8.43	2.07
chrX	12967572	12969586	2015	53	165.42	8.43	0.49
chrX	12986524	12987605	1082	22	58.1	8.43	1.8
chrX	12996009	12996844	836	20	58.93	8.43	1.76
chrX	12997028	12999328	2301	54	136.61	9.96	0.58
chrX	13028599	13029607	1009	20	52.3	7.66	2.01
chrX	13042263	13043196	934	21	54.48	6.1	1.92
chrX	13176639	13177472	834	18	53.36	6.9	1.98
chrX	13189438	13190264	827	19	59.63	7.66	1.72
chrX	13192536	13193953	1418	35	100.89	9.2	1.01
chrX	13195574	13196701	1128	24	65.75	6.9	1.52
chrX	13199120	13200294	1175	24	62.58	9.2	1.67
chrX	13200360	13201854	1495	44	157.01	7.66	0.48
chrX	13204564	13206374	1811	44	122.39	8.43	0.78
chrX	13206488	13208121	1634	36	90.56	9.2	1.11
chrX	13210283	13211239	957	24	79	7.66	1.23
chrX	13212049	13213765	1717	38	95.67	7.66	1.04
chrX	13218064	13221840	3777	117	397.02	13.8	0.16
chrX	13222070	13222915	846	21	70.1	6.13	1.47
chrX	13222940	13224198	1259	31	90.05	6.9	1.11
chrX	13249192	13250487	1296	35	117.56	7.66	0.85
chrX	13263620	13264466	847	18	52.43	6.13	1.99
chrX	13273500	13274689	1190	27	78.02	8.43	1.27
chrX	13278990	13280330	1341	37	126.16	10.73	0.7
chrX	13305888	13307779	1892	43	110.7	6.9	0.85
chrX	13316528	13318107	1580	41	123.42	9.2	0.76

chrX	13318138	13319242	1105	29	90.82	6.9	1.12
chrX	13341066	13342238	1173	22	52.46	8.43	1.98
chrX	13353104	13354824	1721	38	95.39	8.43	1.03
chrX	13365566	13366474	909	20	59.16	9.2	1.75
chrX	13369378	13370057	680	18	66.12	6.9	1.52
chrX	13370222	13371562	1341	35	107.27	7.66	0.9
chrX	13385536	13387096	1561	33	90.19	6.9	1.11
chrX	13388897	13390616	1720	40	117.91	6.13	0.85
chrX	13392173	13394487	2315	59	170.14	8.43	0.48
chrX	13398470	13399202	733	17	55.27	6.13	1.88
chrX	13399602	13401064	1463	37	109.1	6.9	0.87
chrX	13410759	13412836	2078	50	136.32	7.66	0.59
chrX	13413371	13414560	1190	24	61.6	7.66	1.7
chrX	13417694	13419302	1609	45	145.79	9.96	0.57
chrX	13421220	13422617	1398	32	85.23	6.13	1.11
chrX	13427483	13428906	1424	33	88.93	6.9	1.1
chrX	13429610	13430343	734	17	55.19	6.9	1.88
chrX	13433000	13434408	1409	33	90.04	6.13	1.11
chrX	13438328	13439266	939	19	51.57	6.13	2.05
chrX	13442488	13444157	1670	55	214.09	12.26	0.37
chrX	13451927	13453414	1488	33	84.37	6.13	1.15
chrX	13455540	13456642	1103	25	73.15	12.26	1.39
chrX	13460913	13463004	2092	52	146.84	8.43	0.57
chrX	13464070	13467036	2967	81	242	7.66	0.33
chrX	13468686	13470006	1321	30	85.27	8.43	1.11
chrX	13472784	13473391	608	16	59.95	7.66	1.72
chrX	13474721	13475856	1136	24	65.2	7.66	1.56
chrX	13480355	13481695	1341	31	89.47	9.96	1.1
chrX	13485351	13486117	767	19	64.58	6.13	1.58
chrX	13486162	13488268	2107	55	151.53	6.9	0.5
chrX	13489337	13490640	1304	30	86.55	8.43	1.12
chrX	13493794	13494631	838	19	58.77	6.13	1.75
chrX	13495233	13496033	801	19	61.71	6.13	1.7
chrX	13496171	13496976	806	18	55.43	7.66	1.89
chrX	13497349	13499023	1675	53	199.35	9.96	0.44
chrX	13501194	13502185	992	21	58.79	6.13	1.75
chrX	13504468	13505356	889	21	66.51	6.9	1.52
chrX	13505375	13506754	1380	33	86.54	7.66	1.12
chrX	13508568	13509431	864	19	56.81	6.9	1.87
chrX	13511564	13512767	1204	26	71.4	6.13	1.43
chrX	13512771	13514415	1645	42	123.98	13.03	0.73
chrX	13518884	13519671	788	17	51.07	6.13	2.08
chrX	13525211	13526465	1255	34	115	8.43	0.86
chrX	13526523	13530064	3542	97	283.77	9.96	0.28
chrX	13530138	13534760	4623	117	307.21	9.2	0.24
chrX	13534933	13536079	1147	23	59.14	6.9	1.75
chrX	13537913	13540272	2360	67	215.83	9.96	0.34
chrX	13540780	13541522	743	17	54.48	6.13	1.92
chrX	13543101	13543858	758	17	53.31	6.13	1.97
chrX	13547102	13548441	1340	30	83.86	8.43	1.14
chrX	13554318	13555635	1318	35	115.53	8.43	0.87

chrX	13565170	13565971	802	17	50.06	7.66	2.14
chrX	13581573	13582413	841	20	64.44	6.9	1.59
chrX	13584842	13585872	1031	20	50.92	6.13	2.07
chrX	13588571	13589818	1248	33	109.29	9.2	0.88
chrX	13594625	13595807	1183	26	72.89	7.66	1.4
chrX	13597215	13602626	5412	151	451.72	9.2	0.06
chrX	13603494	13604417	924	19	52.57	6.13	1.99
chrX	13605177	13606461	1285	34	112.23	9.2	0.86
chrX	13607028	13607770	743	17	54.48	6.9	1.92
chrX	13621701	13622749	1049	21	54.97	6.13	1.88
chrX	13632262	13633131	870	21	68.07	9.2	1.51
chrX	13633639	13634555	917	22	70.21	9.2	1.47
chrX	13634622	13635555	934	27	93.88	8.43	1.07
chrX	13639061	13639814	754	17	53.62	5.37	1.96
chrX	13641332	13643101	1770	43	119.8	9.2	0.85
chrX	13643966	13645380	1415	41	145.13	9.96	0.56
chrX	13658413	13659263	851	20	63.63	6.9	1.61
chrX	13661281	13662340	1060	21	54.27	7.66	1.95
chrX	13688239	13689213	975	21	59.99	8.43	1.72
chrX	13694194	13695527	1334	39	140.03	6.9	0.58
chrX	13695910	13697605	1696	45	137.89	7.66	0.58
chrX	13697718	13698558	841	20	64.44	6.9	1.59
chrX	13701094	13704838	3745	140	573.49	14.56	0.08
chrX	13709979	13711475	1497	53	220.77	13.03	0.33
chrX	13717034	13717864	831	23	84.25	7.66	1.15
chrX	13720043	13720841	799	17	50.27	5.37	2.13
chrX	13721492	13722341	850	19	57.86	9.2	1.81
chrX	13723724	13725313	1590	41	122.57	8.43	0.79
chrX	13726739	13728098	1360	35	111.78	9.2	0.85
chrX	13737847	13739537	1691	44	138.33	8.43	0.57
chrX	13742364	13743266	903	23	77.52	6.9	1.28
chrX	13746845	13747641	797	17	50.42	5.37	2.12
chrX	13767395	13781882	14488	622	2783.65	20.7	0
chrX	13782108	13783983	1876	68	254.02	12.87	0.31
chrX	13784003	13785475	1473	36	108.28	7.66	0.88
chrX	13785492	13791101	5610	160	483.91	9.2	0.07
chrX	13791630	13798268	6639	267	1137.25	14.56	0
chrX	13799209	13803782	4574	143	468.46	14.56	0.07
chrX	13803798	13805796	1999	59	192.41	8.43	0.47
chrX	13807041	13811440	4400	137	459.74	12.26	0.06
chrX	13811841	13812642	802	18	55.74	5.37	1.87
chrX	13812955	13814804	1850	63	235.86	10.73	0.32
chrX	13926386	13927198	813	18	54.91	7.66	1.88
chrX	13932596	13933451	856	18	51.79	5.37	2.04
chrX	13934649	13935575	927	19	52.37	6.9	2.01
chrX	13951496	13953693	2198	51	144.31	6.9	0.56
chrX	13982757	13985253	2497	80	295.79	12.26	0.22
chrX	13987974	13988996	1023	20	51.42	6.13	2.06
chrX	13992841	13993566	726	17	55.84	9.96	1.86
chrX	13994064	13994864	801	18	55.81	9.96	1.86
chrX	14006382	14007594	1213	29	87.84	7.66	1.11

chrX	14021558	14022553	996	22	64.07	6.9	1.6
chrX	14023278	14024352	1075	24	69.55	7.66	1.48
chrX	14027330	14028413	1084	22	57.96	8.43	1.8
chrX	14029281	14030035	755	18	59.48	8.43	1.73
chrX	14036007	14037113	1107	31	109.75	9.2	0.88
chrX	14038327	14039434	1108	23	61.7	8.43	1.7
chrX	14042027	14043662	1636	40	112.87	7.66	0.86
chrX	14045669	14046682	1014	24	74.25	6.9	1.37
chrX	14048200	14048988	789	17	50.99	7.66	2.07
chrX	14049217	14050978	1762	53	176.49	11.5	0.45
chrX	14052575	14053652	1078	26	80.96	7.66	1.19
chrX	14053930	14055011	1082	26	80.63	8.43	1.19
chrX	14065231	14066041	811	18	55.06	6.13	1.88
chrX	14069199	14070676	1478	38	113.86	6.9	0.87
chrX	14071254	14072254	1001	21	58.17	6.13	1.79
chrX	14084468	14085262	795	17	50.56	6.13	2.11
chrX	14090108	14092244	2137	51	149.1	9.96	0.53
chrX	14100125	14100878	754	17	53.62	6.9	1.96
chrX	14101921	14102944	1024	28	98.21	8.43	1.03
chrX	14102990	14103837	848	24	82.59	8.43	1.16
chrX	14105715	14106908	1194	27	77.72	9.2	1.27
chrX	14120617	14121703	1087	24	68.67	7.66	1.49
chrX	14124114	14124766	653	16	55.86	7.66	1.86
chrX	14126010	14127819	1810	60	233.41	9.96	0.34
chrX	14145659	14146458	800	19	61.79	6.9	1.7
chrX	14179193	14180032	840	18	52.92	6.9	1.97
chrX	14201108	14203832	2725	70	195.89	13.8	0.45
chrX	14233671	14234753	1083	24	68.96	9.96	1.49
chrX	14235304	14236238	935	26	87.28	9.2	1.13
chrX	14260537	14261789	1253	31	96.51	8.43	1.02
chrX	14273995	14275414	1420	39	131.54	8.43	0.64
chrX	14280946	14282877	1932	54	179.41	12.26	0.46
chrX	14292907	14293799	893	26	76.74	6.05	1.27
chrX	14293890	14294719	830	21	65.35	6.9	1.54
chrX	14314796	14315578	783	18	57.21	8.43	1.85
chrX	14318964	14320146	1183	22	51.88	9.2	2.04
chrX	14360511	14361302	792	18	56.51	7.66	1.87
chrX	14361740	14362873	1134	25	60.93	6.1	1.72
chrX	14363267	14364038	772	17	52.25	6.13	2.03
chrX	14366261	14366851	591	16	60.72	6.13	1.72
chrX	14376124	14378252	2129	47	115.93	8.43	0.87
chrX	14381128	14384830	3703	111	364.54	8.43	0.24
chrX	14384859	14387471	2613	70	205.35	6.9	0.38
chrX	14394817	14398401	3585	123	467.7	11.5	0.07
chrX	14400472	14402344	1873	65	247.52	9.2	0.34
chrX	14403045	14404513	1469	41	126.99	8.43	0.67
chrX	14404537	14405786	1250	36	121.95	8.43	0.8
chrX	14406059	14407518	1460	37	103.42	7.66	0.92
chrX	14407678	14410730	3053	93	304.49	13.03	0.23
chrX	14411450	14413074	1625	51	190.98	12.26	0.47
chrX	14422914	14425960	3047	91	305.1	10.73	0.23

chrX	14472394	14475070	2677	79	256.46	11.5	0.32
chrX	14475520	14476357	838	18	53.07	5.37	1.98
chrX	14477677	14478684	1008	22	63.19	5.37	1.61
chrX	14481017	14482166	1150	24	64.24	8.43	1.59
chrX	14486724	14488706	1983	70	285.25	13.8	0.29
chrX	14488724	14494087	5364	182	672.1	13.8	0.1
chrX	14494135	14498736	4602	127	375.19	10.73	0.25
chrX	14499635	14500426	792	18	56.51	6.9	1.87
chrX	14500889	14503722	2834	95	355.99	13.03	0.24
chrX	14504576	14505872	1297	37	130.46	8.43	0.65
chrX	14619213	14620495	1283	32	100.03	7.66	1.01
chrX	14620590	14621699	1110	27	84.32	13.8	1.15
chrX	14621946	14623018	1073	24	64.11	6.13	1.6
chrX	14623399	14624988	1590	37	99.2	6.9	1.03
chrX	14632218	14636588	4371	122	364.87	9.2	0.24
chrX	14636950	14641105	4156	123	398.18	8.43	0.16
chrX	14641332	14643845	2514	72	226.88	11.5	0.34
chrX	14645913	14646717	805	18	55.51	6.13	1.88
chrX	14647094	14647949	856	18	51.79	5.37	2.04
chrX	14648089	14650422	2334	66	211.88	9.96	0.36
chrX	14650467	14652069	1603	46	152.81	7.66	0.5
chrX	14652075	14653467	1393	33	91.24	7.66	1.11
chrX	14653670	14655363	1694	61	240.3	15.33	0.33
chrX	14658486	14660269	1784	45	130.43	7.66	0.65
chrX	14660555	14662326	1772	49	156.08	8.43	0.48
chrX	14663083	14665125	2043	54	162.96	10.73	0.48
chrX	14668026	14668807	782	17	51.51	6.9	2.05
chrX	14674727	14675870	1144	29	93.6	8.43	1.07
chrX	14692970	14693710	741	17	54.63	8.43	1.9
chrX	14695511	14696485	975	24	77.46	7.66	1.28
chrX	14697746	14700957	3212	100	334.9	9.96	0.22
chrX	14701848	14703243	1396	34	102.67	9.2	0.95
chrX	14706555	14707781	1227	29	86.73	9.2	1.12
chrX	14709983	14710817	835	18	53.28	7.66	1.97
chrX	14710921	14711682	762	20	65.01	6.13	1.55
chrX	14712935	14713745	811	20	66.95	8.43	1.53
chrX	14713895	14714809	915	24	76.47	8.43	1.27
chrX	14714815	14716887	2073	59	185.3	9.96	0.47
chrX	14718420	14719655	1236	30	91.91	7.66	1.1
chrX	14719701	14721291	1591	36	93.56	7.66	1.07
chrX	14721758	14723894	2137	62	211.57	9.96	0.36
chrX	14724557	14726924	2368	75	268.42	14.56	0.33
chrX	14729790	14732324	2535	64	175.88	9.96	0.45
chrX	14732523	14737388	4866	159	560.01	14.56	0.08
chrX	14739650	14744704	5055	149	466.26	11.5	0.07
chrX	14744788	14746218	1431	33	88.42	8.43	1.11
chrX	14747262	14748101	840	20	64.52	5.37	1.57
chrX	14751903	14752928	1026	24	73.3	6.9	1.38
chrX	14756736	14757780	1045	24	71.82	6.9	1.41
chrX	14758363	14759755	1393	38	127.67	8.43	0.68
chrX	14761017	14762305	1289	38	137.96	9.96	0.58

chrX	14766464	14769002	2539	66	187.42	6.9	0.46
chrX	14769676	14771019	1344	36	119.48	8.43	0.85
chrX	14772792	14773811	1020	25	79.74	8.43	1.21
chrX	14773820	14775915	2096	51	134.94	8.43	0.61
chrX	14778681	14780658	1978	48	132.53	8.43	0.63
chrX	14786678	14788091	1414	32	89.67	8.43	1.1
chrX	14790487	14796266	5780	161	468.33	11.5	0.07
chrX	14797009	14798606	1598	41	127.98	10.73	0.68
chrX	14799397	14801090	1694	47	157.01	9.96	0.48
chrX	14801562	14802970	1409	42	152.47	11.5	0.5
chrX	14825182	14826163	982	24	76.87	8.43	1.27
chrX	14863601	14864349	749	18	59.98	7.66	1.71
chrX	14868787	14869609	823	18	54.16	5.37	1.95
chrX	14876820	14878679	1860	42	107.48	6.9	0.89
chrX	14880889	14885016	4128	112	318.41	9.96	0.25
chrX	14974126	14976469	2344	71	243.73	10.73	0.33
chrX	14977451	14978842	1392	34	89.22	6.78	1.1
chrX	14981288	14982042	755	17	53.54	7.66	1.97
chrX	15000205	15000970	766	17	52.7	7.66	1.97
chrX	15023224	15024011	788	17	51.07	5.37	2.08
chrX	15037733	15038789	1057	25	76.72	6.9	1.27
chrX	15038805	15039650	846	20	50.39	5.42	2.12
chrX	15040184	15041989	1806	42	111.37	7.66	0.85
chrX	15068503	15069423	921	19	52.78	6.13	1.97
chrX	15075048	15076030	983	21	59.42	6.9	1.73
chrX	15077294	15078312	1019	24	73.85	6.13	1.38
chrX	15078821	15080057	1237	28	74.58	9.96	1.36
chrX	15089132	15089954	823	18	54.16	7.66	1.95
chrX	15275373	15276109	737	20	73.7	7.66	1.38
chrX	15280060	15280950	891	24	84.98	9.2	1.14
chrX	15304668	15305803	1136	30	100.55	12.26	1.02
chrX	15356425	15357195	771	17	52.32	9.2	2.01
chrX	15380992	15381753	762	17	53	6.13	1.98
chrX	15383525	15384891	1367	34	99.09	7.66	1.02
chrX	15407461	15408374	914	19	53.25	9.96	1.97
chrX	15410039	15410915	877	23	79.87	8.43	1.21
chrX	15440284	15441080	797	19	62.04	6.9	1.69
chrX	15532000	15532943	944	19	51.24	8.43	2.06
chrX	15542185	15543310	1126	23	60.5	6.9	1.73
chrX	15564720	15565611	892	22	72.3	6.13	1.41
chrX	15725601	15727443	1843	40	97.84	7.66	1.02
chrX	15754288	15755086	799	17	50.27	6.13	2.13
chrX	15755757	15756631	875	18	50.48	7.66	2.12
chrX	15773775	15775820	2046	56	175.13	9.2	0.45
chrX	15776987	15777963	977	21	59.84	6.13	1.72
chrX	15801367	15802224	858	18	51.65	9.96	2.04
chrX	15833900	15834661	762	17	53	6.13	1.98
chrX	15838407	15839231	825	18	54.01	6.9	1.95
chrX	15873475	15874369	895	25	91.13	10.73	1.12
chrX	15921609	15923652	2044	50	133.19	6.9	0.63
chrX	15935904	15936986	1083	22	58.03	7.66	1.81

chrX	15937207	15939609	2403	57	145.89	6.9	0.57
chrX	15958041	15958971	931	20	57.57	6.13	1.82
chrX	16028159	16029090	932	22	68.99	9.2	1.49
chrX	16147376	16148186	811	18	55.06	6.9	1.88
chrX	16148324	16149376	1053	21	54.71	6.9	1.9
chrX	16159965	16161142	1178	23	57.19	7.66	1.85
chrX	16190652	16191572	921	19	52.78	7.66	1.97
chrX	16194795	16195777	983	20	53.99	8.43	1.94
chrX	16202555	16204175	1621	36	108.24	7.66	0.88
chrX	16227218	16228373	1156	28	86.52	9.2	1.12
chrX	16310129	16310821	693	17	58.6	6.9	1.74
chrX	16456574	16457265	692	16	52.61	6.9	1.98
chrX	16475890	16476885	996	22	64.07	6.9	1.6
chrX	16483861	16485099	1239	33	110.11	7.66	0.88
chrX	16497723	16498386	664	18	67.66	6.9	1.51
chrX	16502069	16502934	866	19	56.66	5.37	1.87
chrX	16510299	16511095	797	17	50.42	9.2	2.12
chrX	16580514	16581563	1050	21	54.91	7.66	1.88
chrX	16598843	16599678	836	18	53.21	6.13	1.98
chrX	16602080	16605291	3212	104	376.08	11.5	0.25
chrX	16635838	16636595	758	19	65.36	8.43	1.55
chrX	16641100	16641891	792	17	50.78	6.13	2.07
chrX	16677084	16678015	932	24	81.2	9.2	1.17
chrX	16706012	16706707	696	16	52.29	7.66	2.02
chrX	16802903	16803703	801	17	50.13	5.37	2.13
chrX	16805129	16805858	730	17	55.51	6.9	1.87
chrX	16853769	16855176	1408	39	132.69	11.5	0.63
chrX	16882477	16883556	1080	22	58.23	6.9	1.78
chrX	16890617	16892574	1958	43	106.11	7.66	0.93
chrX	16919149	16920223	1075	24	69.55	8.43	1.48
chrX	16945393	16947704	2312	58	176.41	9.96	0.45
chrX	16958049	16958937	889	22	72.55	8.43	1.41
chrX	16963968	16966516	2549	71	217.26	8.43	0.32
chrX	16967554	16971118	3565	133	544.42	15.33	0.08
chrX	16971945	16973351	1407	52	217.47	13.8	0.32
chrX	16973379	16975015	1637	51	182.75	11.5	0.47
chrX	16983833	16985189	1357	30	82.62	9.2	1.15
chrX	16985687	16986964	1278	31	94.44	9.2	1.08
chrX	16988952	16989765	814	19	60.66	9.2	1.72
chrX	16995588	16997257	1670	37	104.54	6.9	0.93
chrX	16998399	16999279	881	21	67.16	6.13	1.53
chrX	16999412	17000800	1389	37	121.68	10.73	0.84
chrX	17001608	17002601	994	27	94.6	12.26	1.06
chrX	17026878	17028983	2106	59	188.59	11.5	0.46
chrX	17032419	17033237	819	20	66.27	6.9	1.52
chrX	17033320	17034855	1536	39	109.1	9.2	0.87
chrX	17046487	17048529	2043	51	150.84	6.9	0.51
chrX	17052469	17054734	2266	59	174.26	8.43	0.45
chrX	17054907	17055928	1022	24	73.61	6.13	1.38
chrX	17059880	17060698	819	19	60.26	7.66	1.73
chrX	17061137	17063378	2242	60	182.48	10.73	0.47

chrX	17063918	17065437	1520	42	134.96	8.43	0.61
chrX	17068976	17070285	1310	29	80.45	9.2	1.19
chrX	17070430	17074363	3934	97	262.95	9.2	0.33
chrX	17074576	17075844	1269	28	77.84	10.73	1.27
chrX	17077797	17078828	1032	22	61.48	6.13	1.71
chrX	17078954	17080095	1142	25	70.28	6.13	1.47
chrX	17081561	17082965	1405	33	90.34	6.13	1.11
chrX	17101589	17103347	1759	43	120.66	8.43	0.86
chrX	17116124	17116947	824	19	59.87	6.9	1.72
chrX	17132426	17133570	1145	29	93.51	9.96	1.07
chrX	17155750	17157408	1659	41	122.82	7.66	0.79
chrX	17158069	17160250	2182	59	181.61	8.43	0.47
chrX	17161089	17162098	1010	23	68.72	8.43	1.49
chrX	17163205	17164283	1079	27	86.92	7.66	1.12
chrX	17166170	17166949	780	17	51.65	7.66	2.04
chrX	17172813	17173767	955	19	50.53	6.9	2.1
chrX	17173819	17174574	756	20	65.54	6.9	1.52
chrX	17179917	17181912	1996	55	173.4	6.9	0.45
chrX	17182025	17182861	837	21	64.77	6.13	1.57
chrX	17183715	17185154	1440	37	117.12	7.66	0.86
chrX	17185372	17187342	1971	50	150.86	7.66	0.51
chrX	17187440	17189468	2029	52	146.03	8.43	0.57
chrX	17194415	17195369	955	23	73.08	6.13	1.4
chrX	17205247	17206511	1265	26	67.25	9.2	1.53
chrX	17206635	17207658	1024	21	56.61	7.66	1.87
chrX	17208270	17211498	3229	90	287.25	13.03	0.29
chrX	17211508	17215272	3765	100	288.82	8.43	0.29
chrX	17216721	17218624	1904	52	169.23	7.66	0.48
chrX	17219307	17220943	1637	36	101.35	9.2	1
chrX	17222907	17225115	2209	65	217.55	9.2	0.32
chrX	17237140	17243485	6346	236	953.92	12.26	0.16
chrX	17243500	17245584	2085	54	147.4	8.43	0.57
chrX	17245605	17250740	5136	141	408.09	9.2	0.17
chrX	17253201	17254144	944	24	80.13	7.66	1.19
chrX	17255319	17258742	3424	108	380.32	13.03	0.2
chrX	17260193	17261274	1082	25	74.75	8.43	1.35
chrX	17261315	17265625	4311	125	383.13	8.43	0.21
chrX	17299097	17299897	801	18	55.81	6.13	1.86
chrX	17306798	17307970	1173	24	62.71	10.73	1.66
chrX	17311530	17312387	858	18	51.65	7.66	2.04
chrX	17412096	17413430	1335	34	101.71	8.43	0.98
chrX	17414484	17416765	2282	52	126.99	6.9	0.67
chrX	17419159	17420432	1274	30	88.87	7.66	1.1
chrX	17421587	17422522	936	22	68.67	6.9	1.49
chrX	17443790	17444797	1008	21	57.69	8.43	1.83
chrX	17461559	17462325	767	17	52.63	5.37	1.97
chrX	17470953	17473727	2775	66	168.88	7.66	0.47
chrX	17485997	17487194	1198	38	147.86	13.03	0.56
chrX	17496604	17497736	1133	28	88.43	6.9	1.11
chrX	17502459	17503604	1146	28	87.34	7.66	1.12
chrX	17505482	17506267	786	19	54.98	5.42	1.88

chrX	17509475	17510558	1084	25	74.6	8.43	1.36
chrX	17514742	17515539	798	19	61.96	6.13	1.69
chrX	17524719	17525675	957	19	50.4	6.9	2.12
chrX	17527268	17528472	1205	24	60.65	9.2	1.72
chrX	17541357	17542053	697	16	52.21	5.37	2.03
chrX	17543651	17544918	1268	28	77.91	6.13	1.28
chrX	17546689	17547422	734	17	55.19	6.9	1.88
chrX	17547676	17549353	1678	41	115.39	6.9	0.87
chrX	17553817	17554684	868	20	62.28	7.66	1.69
chrX	17555489	17557943	2455	66	200.75	8.43	0.42
chrX	17571190	17572298	1109	26	78.47	6.9	1.25
chrX	17573851	17575490	1640	45	142.91	10.73	0.59
chrX	17580197	17581299	1103	21	51.61	7.66	2.04
chrX	17582043	17583005	963	22	66.55	7.66	1.52
chrX	17587487	17588317	831	19	59.32	7.66	1.73
chrX	17605577	17606830	1254	27	73.38	9.96	1.39
chrX	17608511	17609364	854	20	63.39	6.13	1.61
chrX	17620362	17621199	838	18	53.07	6.9	1.98
chrX	17635119	17635933	815	19	60.58	6.13	1.72
chrX	17638055	17638814	760	18	59.06	8.43	1.75
chrX	17652509	17653841	1333	32	90.08	6.9	1.11
chrX	17668264	17669447	1184	27	78.47	7.66	1.25
chrX	17676786	17677607	822	21	72.21	7.66	1.4
chrX	17684537	17685286	750	17	53.93	6.13	1.94
chrX	17710763	17711669	907	21	65.08	8.43	1.55
chrX	17755217	17756032	816	19	60.5	6.13	1.72
chrX	17762088	17762966	879	24	75.84	8.81	1.28
chrX	17786999	17788659	1661	44	141	7.66	0.58
chrX	17788928	17790861	1934	49	141.93	9.96	0.59
chrX	17796703	17797574	872	21	67.9	6.9	1.51
chrX	17799944	17801575	1632	38	72.37	5.93	1.41
chrX	17809794	17810785	992	24	76.04	7.66	1.29
chrX	17812792	17813560	769	17	52.47	6.13	1.98
chrX	17814410	17818520	4111	111	319.89	7.66	0.25
chrX	17820349	17821425	1077	26	81.04	9.2	1.19
chrX	17823180	17824156	977	22	65.48	7.66	1.52
chrX	17827401	17828556	1156	30	73.35	7.11	1.39
chrX	17830081	17830872	792	18	56.51	6.13	1.87
chrX	17850677	17851789	1113	29	90.13	6.9	1.11
chrX	17857353	17858177	825	18	54.01	6.9	1.95
chrX	17890834	17892522	1689	40	108.78	6.9	0.87
chrX	17906475	17907959	1485	33	84.58	6.13	1.14
chrX	17908975	17910459	1485	33	95.7	6.13	1.04
chrX	17929763	17931139	1377	34	104.23	8.43	0.92
chrX	17933611	17934424	814	18	54.83	6.9	1.89
chrX	17935638	17936336	699	16	52.05	8.43	2.03
chrX	17942874	17943812	939	25	86.9	7.66	1.12
chrX	17945292	17946602	1311	31	91.79	8.43	1.1
chrX	17959874	17960910	1037	24	72.44	8.43	1.41
chrX	17977063	17977887	825	19	59.79	7.66	1.72
chrX	17986397	17989616	3220	85	244.45	11.5	0.33

chrX	17993894	17994684	791	17	50.85	6.9	2.07
chrX	17997551	17998788	1238	26	69.05	6.13	1.49
chrX	18015190	18016271	1082	21	52.89	8.43	1.98
chrX	18042505	18043348	844	18	52.64	6.9	1.97
chrX	18048087	18049072	986	21	59.21	6.13	1.74
chrX	18055661	18056747	1087	25	74.37	11.5	1.36
chrX	18113382	18114546	1165	28	85.79	8.43	1.11
chrX	18116036	18117563	1528	33	81.66	7.66	1.17
chrX	18118499	18119659	1161	27	80.23	8.43	1.19
chrX	18119729	18121082	1354	28	71.97	9.96	1.4
chrX	18144904	18145668	765	17	52.78	6.13	1.97
chrX	18161446	18162209	764	19	64.84	6.13	1.57
chrX	18165880	18167110	1231	28	80.64	7.66	1.19
chrX	18226617	18228096	1480	38	113.7	8.43	0.87
chrX	18228673	18229348	676	17	60.09	6.9	1.72
chrX	18231547	18233321	1775	41	108.04	7.66	0.88
chrX	18239994	18240934	941	19	51.44	8.43	2.06
chrX	18241432	18242132	701	17	57.92	6.9	1.81
chrX	18262740	18263660	921	23	75.95	7.66	1.29
chrX	18305736	18306522	787	17	51.14	5.37	2.07
chrX	18307072	18308072	1001	23	69.42	6.13	1.49
chrX	18317392	18318726	1335	29	78.66	8.43	1.24
chrX	18338695	18339536	842	19	58.47	6.9	1.75
chrX	18341478	18342060	583	16	60.72	9.2	1.72
chrX	18368684	18369896	1213	25	65.38	7.66	1.55
chrX	18371038	18371867	830	18	53.65	6.13	1.96
chrX	18378016	18378812	797	17	50.42	6.9	2.12
chrX	18388626	18389541	916	20	58.65	7.66	1.75
chrX	18404111	18404906	796	18	56.2	7.66	1.87
chrX	18413641	18414438	798	17	50.35	8.43	2.13
chrX	18430628	18431555	928	20	57.78	6.13	1.82
chrX	18435746	18436627	882	18	50.01	6.13	2.15
chrX	18439481	18440876	1396	33	91.01	6.13	1.12
chrX	18472526	18474289	1764	39	97.84	7.66	1.02
chrX	18475129	18476032	904	20	59.53	6.9	1.72
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chrX	18560665	18561454	790	17	50.92	7.66	2.07
chrX	18575117	18576317	1201	27	77.2	6.13	1.27
chrX	18577264	18577945	682	17	59.56	6.9	1.72
chrX	18593136	18594305	1170	26	73.84	7.66	1.38
chrX	18597724	18599015	1292	30	87.47	6.9	1.12
chrX	18599331	18602958	3628	135	543.61	14.56	0.08
chrX	18604226	18607674	3449	134	568.03	16.1	0.08
chrX	18607693	18608788	1096	25	68.01	8.43	1.51
chrX	18682696	18683638	943	21	62.32	6.13	1.68
chrX	18722950	18723736	787	17	51.14	6.13	2.07
chrX	18821717	18822512	796	21	74.58	7.66	1.36
chrX	18826991	18827748	758	17	53.31	6.13	1.97
chrX	18975472	18976246	775	17	52.03	6.9	2.03
chrX	19019509	19020266	758	17	53.31	7.66	1.97
chrX	19080539	19081291	753	17	53.7	5.37	1.96

chrX	19095853	19096673	821	18	54.31	6.13	1.94
chrX	19192314	19193158	845	20	64.11	7.66	1.6
chrX	19229977	19230677	701	16	51.89	8.43	2.04
chrX	19232249	19233596	1348	34	106.67	10.73	0.92
chrX	19286934	19288448	1515	36	99.14	6.9	1.02
chrX	19360837	19361997	1161	27	80.23	6.9	1.19
chrX	19362525	19363502	978	20	54.32	6.9	1.94
chrX	19367183	19367987	805	18	55.51	6.13	1.88
chrX	19396265	19397065	801	17	50.13	7.66	2.13
chrX	19405644	19406463	820	18	54.38	6.9	1.93
chrX	19429975	19430768	794	17	50.63	5.37	2.1
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chrX	19508929	19509722	794	18	56.35	6.13	1.87
chrX	19535502	19536189	688	16	52.93	6.13	1.98
chrX	19539326	19540578	1253	28	79	8.43	1.23
chrX	19544852	19546027	1176	28	84.9	7.66	1.15
chrX	19549142	19550054	913	19	53.32	8.43	1.98
chrX	19576077	19577024	948	19	50.98	6.9	2.07
chrX	19578538	19579491	954	19	50.59	6.9	2.1
chrX	19595356	19596307	952	25	85.7	10.73	1.11
chrX	19611743	19612521	779	17	51.73	6.9	2.04
chrX	19644478	19645303	826	19	59.71	6.9	1.72
chrX	19649113	19650186	1074	25	75.38	7.66	1.3
chrX	19810594	19811317	724	16	50.11	6.9	2.14
chrX	19820980	19821835	856	19	57.41	6.13	1.83
chrX	19831705	19833337	1633	38	101.65	6.9	0.98
chrX	19836933	19837624	692	16	52.61	8.43	1.98
chrX	19839147	19841068	1922	39	87.63	10.73	1.12
chrX	19853771	19854837	1067	21	53.82	8.43	1.96
chrX	19954004	19954947	944	24	80.13	6.13	1.19
chrX	19966588	19967385	798	18	56.05	5.37	1.86
chrX	20047246	20048520	1275	36	126.06	10.73	0.7
chrX	20117502	20118723	1222	23	54.55	9.2	1.91
chrX	20162651	20163775	1125	25	71.51	8.43	1.42
chrX	20202208	20203035	828	18	53.79	6.13	1.96
chrX	20204453	20205928	1476	33	85.2	6.13	1.11
chrX	20219380	20220699	1320	31	85.34	6.9	1.1
chrX	20256673	20257587	915	20	58.72	5.37	1.75
chrX	20273718	20275255	1538	35	91.82	7.66	1.1
chrX	20314839	20315710	872	21	67.9	7.66	1.51
chrX	20328102	20328979	878	19	55.79	6.13	1.86
chrX	20387630	20388674	1045	27	89.89	9.2	1.1
chrX	20392561	20393428	868	18	50.96	6.9	2.07
chrX	20484586	20485594	1009	20	52.3	9.96	2.01
chrX	20512460	20513237	778	17	51.8	6.13	2.03
chrX	20516389	20517234	846	19	58.16	5.37	1.78
chrX	20529221	20530244	1024	23	67.67	6.9	1.51
chrX	20531258	20532054	797	18	56.12	6.13	1.86
chrX	20532640	20533570	931	27	100.85	9.2	1.01
chrX	20619512	20620533	1022	24	73.61	8.43	1.38
chrX	20625389	20626165	777	17	51.88	6.9	2.04

chrX	20699345	20700704	1360	37	118.01	11.5	0.86
chrX	20814125	20814922	798	17	50.35	6.13	2.13
chrX	20818222	20819642	1421	34	94.84	6.9	1.06
chrX	20889581	20890388	808	19	61.14	5.37	1.73
chrX	20900890	20901837	948	22	67.72	8.43	1.51
chrX	20947695	20948626	932	19	52.04	6.9	2.03
chrX	20952350	20953056	707	16	51.42	6.13	2.06
chrX	20999653	21000872	1220	27	75.8	9.96	1.28
chrX	21027077	21027838	762	17	53	6.13	1.98
chrX	21028512	21029379	868	20	62.28	9.2	1.69
chrX	21037986	21038802	817	18	54.61	5.37	1.9
chrX	21046012	21046864	853	22	75.72	7.66	1.28
chrX	21052428	21053280	853	20	63.47	6.13	1.6
chrX	21053878	21054724	847	20	63.95	6.13	1.62
chrX	21056686	21057553	868	19	56.52	6.9	1.87
chrX	21063551	21064335	785	17	51.29	5.37	2.06
chrX	21073854	21074669	816	18	54.68	6.13	1.91
chrX	21100404	21101105	702	16	51.81	6.9	2.04
chrX	21103138	21103903	766	17	52.7	8.43	1.97
chrX	21134965	21136472	1508	34	88.44	10.73	1.11
chrX	21153586	21154421	836	19	58.93	6.9	1.76
chrX	21166545	21167409	865	19	56.74	5.37	1.87
chrX	21175768	21176550	783	17	51.43	5.37	2.06
chrX	21177641	21178633	993	23	70.04	6.13	1.47
chrX	21178663	21180133	1471	40	120.58	9.2	0.86
chrX	21184671	21185565	895	19	54.57	6.13	1.91
chrX	21191119	21192853	1735	41	111.01	8.43	0.85
chrX	21270211	21276913	6703	241	929.98	13.8	0.15
chrX	21279354	21280429	1076	22	58.49	8.43	1.75
chrX	21296551	21297302	752	17	53.77	6.13	1.96
chrX	21301414	21303931	2518	62	165.6	9.2	0.49
chrX	21304064	21305016	953	21	61.58	8.43	1.7
chrX	21305253	21306466	1214	35	125.54	7.66	0.71
chrX	21314579	21315516	938	19	51.64	7.66	2.04
chrX	21320413	21321240	828	18	53.79	6.9	1.96
chrX	21325560	21327092	1533	34	86.69	6.9	1.12
chrX	21342877	21343688	812	18	54.98	5.37	1.88
chrX	21350801	21352804	2004	59	198.48	8.43	0.44
chrX	21361075	21361982	908	21	65	6.9	1.55
chrX	21365219	21365968	750	17	53.93	7.66	1.94
chrX	21371869	21372569	701	16	51.89	7.66	2.04
chrX	21389057	21389765	709	16	51.26	6.9	2.06
chrX	21398115	21399477	1363	29	76.72	9.96	1.27
chrX	21407769	21408653	885	20	60.96	7.66	1.72
chrX	21449696	21450713	1018	21	57.01	7.66	1.86
chrX	21453383	21454355	973	31	124.02	13.03	0.73
chrX	21455710	21456639	930	19	52.17	6.9	2.04
chrX	21501904	21502675	772	18	58.09	6.13	1.8
chrX	21528753	21529947	1195	25	66.58	6.9	1.52
chrX	21672653	21673514	862	20	62.75	6.9	1.66
chrX	21675010	21676070	1061	23	64.96	6.9	1.56

chrX	21728641	21729393	753	17	53.7	6.9	1.96
chrX	21757223	21759373	2151	61	197.15	13.03	0.46
chrX	21760115	21760868	754	18	59.56	6.9	1.72
chrX	21762331	21764203	1873	43	112.07	8.43	0.86
chrX	21766832	21768000	1169	23	57.75	9.96	1.82
chrX	21868157	21868955	799	17	50.27	4.6	2.13
chrX	21887558	21888338	781	17	51.58	6.9	2.04
chrX	21904269	21905089	821	19	60.1	8.43	1.72
chrX	21945147	21947611	2465	62	169.76	8.43	0.48
chrX	21993706	21994537	832	19	59.24	6.9	1.74
chrX	21996496	21997404	909	20	59.16	6.13	1.75
chrX	22024586	22025479	894	19	54.64	6.13	1.9
chrX	22027384	22028209	826	21	71.85	5.37	1.41
chrX	22041937	22044352	2416	79	298.01	11.5	0.23
chrX	22044906	22046195	1290	31	93.47	11.5	1.07
chrX	22055565	22056475	911	19	53.46	8.43	1.97
chrX	22097806	22098727	922	19	52.71	6.9	1.97
chrX	22120506	22121166	661	18	67.95	9.2	1.51
chrX	22125199	22126107	909	22	70.87	7.66	1.46
chrX	22145480	22146244	765	17	52.78	9.2	1.97
chrX	22176156	22177013	858	18	51.65	7.66	2.04
chrX	22248964	22249679	716	16	50.72	6.9	2.07
chrX	22263378	22264149	772	17	52.25	7.66	2.03
chrX	22360793	22361632	840	18	52.92	6.9	1.97
chrX	22378121	22378816	696	16	52.29	6.13	2.02
chrX	22405622	22406621	1000	22	63.77	6.13	1.61
chrX	22406687	22407682	996	24	69.8	9.96	1.47
chrX	22407856	22408694	839	21	64.6	7.66	1.58
chrX	22602174	22603249	1076	31	112.85	9.2	0.86
chrX	22617997	22618988	992	25	82.13	7.66	1.16
chrX	22619865	22620690	826	19	59.71	6.9	1.72
chrX	22621100	22622782	1683	36	87.28	9.2	1.11
chrX	22629162	22630783	1622	50	184.38	10.73	0.47
chrX	22630790	22632589	1800	53	179.29	9.96	0.46
chrX	22633177	22637875	4699	136	416.72	8.43	0.11
chrX	22639212	22640135	924	19	52.57	7.66	1.99
chrX	22640838	22644271	3434	93	268.65	8.43	0.33
chrX	22645823	22646692	870	20	62.12	6.13	1.69
chrX	22647598	22650519	2922	82	258.71	9.2	0.32
chrX	22809297	22810265	969	24	68	6.1	1.51
chrX	22812176	22812958	783	19	63.21	8.43	1.61
chrX	22852486	22853339	854	18	51.93	6.13	2.03
chrX	22854324	22858238	3915	107	306.36	7.66	0.23
chrX	22858280	22860791	2512	80	280.25	9.2	0.28
chrX	22892318	22893557	1240	28	79.96	6.13	1.2
chrX	22912080	22913213	1134	23	59.98	8.43	1.71
chrX	22954263	22955364	1102	26	79.02	9.2	1.23
chrX	23026976	23027752	777	19	63.72	7.66	1.61
chrX	23030489	23031206	718	16	50.57	6.9	2.1
chrX	23078555	23079704	1150	27	75.32	6.9	1.3
chrX	23079791	23081845	2055	49	121.12	6.13	0.85

chrX	23142744	23146971	4228	116	334.19	10.73	0.22
chrX	23147880	23148727	848	19	58.01	6.13	1.81
chrX	23155609	23156475	867	20	62.36	6.9	1.68
chrX	23215143	23215940	798	17	50.35	6.13	2.13
chrX	23217215	23218003	789	17	50.99	6.9	2.07
chrX	23218392	23219335	944	22	68.03	6.9	1.51
chrX	23225731	23226651	921	21	63.99	6.9	1.62
chrX	23227876	23228666	791	17	50.85	6.9	2.07
chrX	23234104	23235491	1388	31	85.96	7.66	1.11
chrX	23245311	23246275	965	25	84.52	8.43	1.14
chrX	23290918	23292083	1166	24	63.17	7.66	1.61
chrX	23301553	23302320	768	17	52.55	5.37	1.98
chrX	23302734	23303455	722	17	56.16	6.13	1.87
chrX	23314812	23315687	876	21	67.57	6.9	1.51
chrX	23323121	23324332	1212	26	70.84	9.2	1.46
chrX	23327447	23328648	1202	34	120.11	13.8	0.86
chrX	23439007	23439887	881	19	55.57	6.9	1.86
chrX	23462976	23464320	1345	28	67.32	12.26	1.53
chrX	23502284	23503171	888	19	55.07	5.37	1.88
chrX	23507257	23510013	2757	95	372.48	13.03	0.25
chrX	23510043	23511748	1706	62	253.68	11.5	0.31
chrX	23512128	23521501	9374	342	1330.63	13.8	0
chrX	23522301	23523485	1185	42	178.63	13.03	0.46
chrX	23524934	23527053	2120	52	144.61	8.43	0.56
chrX	23533305	23534066	762	17	53	6.9	1.98
chrX	23534752	23536474	1723	37	62.38	5.34	1.68
chrX	23536605	23537892	1288	29	82.06	9.96	1.16
chrX	23541879	23550015	8137	304	1237.61	11.5	0
chrX	23550719	23551725	1007	28	75.5	4.74	1.3
chrX	23555412	23556677	1266	29	60.27	6.52	1.73
chrX	23558094	23560858	2765	90	328.56	11.5	0.21
chrX	23570166	23571444	1279	32	100.37	9.2	1.01
chrX	23623202	23624914	1713	42	118.46	7.66	0.86
chrX	23670017	23676466	6450	274	1237.85	18.4	0
chrX	23711415	23712203	789	19	61.14	8.98	1.73
chrX	23731497	23732242	746	19	66.43	6.9	1.52
chrX	23748927	23749689	763	19	64.92	7.66	1.56
chrX	23789011	23789810	800	17	50.2	5.37	2.13
chrX	23798432	23800859	2428	85	332.65	13.8	0.22
chrX	23827365	23828168	804	18	55.59	5.37	1.87
chrX	23882132	23882919	788	17	51.07	6.13	2.08
chrX	23898918	23899731	814	20	66.69	6.9	1.52
chrX	23977048	23978401	1354	34	106.16	7.66	0.93
chrX	24001869	24002699	831	18	53.58	6.13	1.97
chrX	24004057	24004927	871	19	56.3	6.9	1.87
chrX	24015269	24015973	705	17	57.58	7.66	1.83
chrX	24019168	24019971	804	19	61.47	6.9	1.71
chrX	24020866	24021847	982	21	59.49	7.66	1.73
chrX	24036657	24038175	1519	44	154.56	10.73	0.47
chrX	24038635	24040793	2159	62	202.85	9.96	0.4
chrX	24040899	24044138	3240	105	379.91	10.73	0.2

chrX	24050169	24052860	2692	63	158.22	9.2	0.48
chrX	24116681	24117782	1102	23	62.11	6.13	1.69
chrX	24136330	24137692	1363	33	93.54	7.66	1.07
chrX	24221713	24222893	1181	25	67.53	7.66	1.51
chrX	24235479	24236313	835	18	53.28	6.13	1.97
chrX	24237820	24238978	1159	33	117.78	8.43	0.85
chrX	24263785	24264382	598	16	60.72	8.43	1.72
chrX	24292895	24293885	991	21	58.86	9.96	1.75
chrX	24294961	24295926	966	22	66.32	6.13	1.52
chrX	24364814	24365853	1040	24	66.48	10.73	1.52
chrX	24366893	24368064	1172	29	91.21	6.9	1.11
chrX	24406971	24408456	1486	36	101.37	6.9	1
chrX	24411212	24412015	804	18	55.59	5.37	1.87
chrX	24455428	24456250	823	22	78.49	9.2	1.25
chrX	24470579	24471400	822	18	54.24	6.9	1.94
chrX	24478363	24479663	1301	239	456.38	7.48	0.06
chrX	24545890	24547534	1645	39	106.41	9.2	0.93
chrX	24549595	24550699	1105	25	73	6.9	1.4
chrX	24551764	24552604	841	20	64.44	7.66	1.59
chrX	24558025	24558968	944	21	62.25	6.13	1.69
chrX	24594122	24595204	1083	23	63.41	7.66	1.61
chrX	24604684	24605636	953	19	50.66	8.43	2.07
chrX	24675081	24676073	993	22	64.29	6.13	1.59
chrX	24721148	24722037	890	19	54.93	6.9	1.88
chrX	24729719	24730537	819	18	54.46	8.43	1.92
chrX	24734670	24735467	798	19	61.96	6.13	1.69
chrX	24737885	24739196	1312	33	103.65	8.43	0.92
chrX	24763552	24764340	789	17	50.99	8.43	2.07
chrX	24774975	24775638	664	16	54.92	6.13	1.88
chrX	24813604	24814887	1284	39	145.3	11.5	0.56
chrX	24817468	24818401	934	24	81.02	8.43	1.19
chrX	24819203	24820801	1599	47	166.42	11.5	0.47
chrX	24951265	24952038	774	18	57.93	6.13	1.8
chrX	24958939	24959911	973	21	60.13	6.13	1.72
chrX	24963062	24963902	841	18	52.85	6.13	1.98
chrX	24964945	24965462	518	16	74.32	8.43	1.36
chrX	24967142	24967973	832	20	65.18	7.66	1.56
chrX	24968299	24970491	2193	82	348.22	14.56	0.23
chrX	24971033	24974066	3034	90	299.78	10.73	0.23
chrX	24974073	24974946	874	21	61.81	8.43	1.7
chrX	24975077	24977248	2172	52	140.57	9.96	0.58
chrX	24979211	24980418	1208	26	71.12	9.2	1.42
chrX	24989182	24991196	2015	49	135.43	8.43	0.59
chrX	24994663	24996416	1754	46	138.99	7.66	0.57
chrX	24998177	24998942	766	17	52.7	8.43	1.97
chrX	24998948	24999659	712	18	56.99	6.13	1.87
chrX	24999945	25001353	1409	42	152.47	11.5	0.5
chrX	25002749	25005536	2788	72	202.6	9.96	0.4
chrX	25007998	25010496	2499	90	353.23	19.93	0.23
chrX	25274899	25276067	1169	29	74.35	6.41	1.36
chrX	25278207	25279436	1230	33	59.75	5.17	1.71

chrX	25288914	25291264	2351	74	59.91	3.23	1.72
chrX	26181556	26182894	1339	38	132.88	13.8	0.63
chrX	26215064	26215695	632	17	64.19	7.66	1.59
chrX	26219057	26221286	2230	53	141.87	9.2	0.59
chrX	26224175	26224974	800	18	55.89	6.9	1.86
chrX	26231210	26232053	844	19	58.31	6.13	1.78
chrX	26238626	26239825	1200	25	66.24	7.66	1.52
chrX	26241239	26242159	921	21	63.99	8.43	1.62
chrX	26242393	26246825	4433	141	518	13.8	0.07
chrX	26248319	26250248	1930	48	142.26	7.66	0.59
chrX	26251430	26252516	1087	24	68.67	6.13	1.49
chrX	26255739	26258227	2489	67	203.93	10.73	0.37
chrX	26265142	26266205	1064	21	54.01	8.43	1.95
chrX	26274856	26275547	692	16	52.61	5.37	1.98
chrX	26276403	26277480	1078	25	69.33	9.96	1.48
chrX	26277518	26279073	1556	36	96.08	9.2	1.02
chrX	26279319	26280156	838	19	58.77	8.43	1.75
chrX	26280715	26281598	884	20	61.04	6.13	1.72
chrX	26296880	26298094	1215	27	76.17	7.66	1.28
chrX	26299126	26301766	2641	83	300.61	9.96	0.23
chrX	26306208	26307085	878	19	55.79	7.66	1.86
chrX	26307100	26307994	895	22	66.03	6.9	1.51
chrX	26309499	26310607	1109	24	67.08	8.43	1.53
chrX	26311029	26312293	1265	26	67.25	6.13	1.53
chrX	26312545	26313335	791	21	75.05	8.43	1.32
chrX	26314498	26315263	766	17	52.7	6.13	1.97
chrX	26316576	26318848	2273	83	337.54	10.73	0.22
chrX	26319080	26324349	5270	149	458.56	10.73	0.06
chrX	26325699	26327658	1960	79	357.96	13.8	0.24
chrX	26327670	26329519	1850	66	265.03	13.8	0.33
chrX	26330496	26333144	2649	71	208.35	9.2	0.36
chrX	26333961	26335934	1974	65	249.89	11.5	0.34
chrX	26336120	26338181	2062	55	161.32	11.5	0.47
chrX	26338367	26342633	4267	141	515.86	11.5	0.07
chrX	26342950	26344444	1495	40	130.93	8.43	0.63
chrX	26345011	26351429	6419	240	966.91	14.56	0
chrX	26352568	26355209	2642	64	167.54	9.2	0.47
chrX	26357616	26365742	8127	331	1433.51	16.1	0
chrX	26366516	26367895	1380	33	98.04	8.43	1.03
chrX	26368817	26374501	5685	179	608.02	9.96	0.09
chrX	26383173	26385565	2393	63	187.72	9.2	0.46
chrX	26386476	26392837	6362	260	1138.38	22.23	0
chrX	26394079	26395432	1354	32	94.25	9.2	1.08
chrX	26396159	26396997	839	19	58.7	6.9	1.75
chrX	26397500	26399499	2000	58	198.88	10.73	0.44
chrX	26399555	26402564	3010	85	256.87	9.2	0.32
chrX	26404796	26407889	3094	95	320.3	12.26	0.25
chrX	26448249	26449386	1138	26	76.23	9.2	1.28
chrX	26458341	26459513	1173	26	73.62	9.2	1.38
chrX	26460327	26463637	3311	85	236.83	9.2	0.32
chrX	26463730	26464428	699	17	52.05	6.9	2.03

chrX	26464736	26467350	2615	64	169.6	9.96	0.48
chrX	26476668	26477466	799	18	55.97	6.13	1.86
chrX	26479913	26482866	2954	120	371.72	10.01	0.25
chrX	26482981	26483956	976	27	89.86	7.66	1.1
chrX	26484990	26485677	688	16	52.93	6.9	1.98
chrX	26485715	26486483	769	18	52.47	8.43	1.98
chrX	26506232	26507030	799	18	55.97	6.9	1.86
chrX	26527855	26531275	3421	94	288.43	9.2	0.29
chrX	26533599	26537807	4209	137	487.36	12.26	0.07
chrX	26539611	26541928	2318	61	181.98	10.73	0.47
chrX	26543024	26545323	2300	55	142.28	7.66	0.59
chrX	26545421	26546206	786	24	88.84	10.73	1.1
chrX	26546339	26548537	2199	58	180.09	9.96	0.46
chrX	26550179	26551273	1095	24	68.09	6.9	1.51
chrX	26551730	26553138	1409	33	90.04	9.2	1.11
chrX	26565644	26566517	874	18	50.55	5.37	2.11
chrX	26571586	26572363	778	18	57.61	6.13	1.83
chrX	26574735	26576020	1286	39	145.08	9.96	0.56
chrX	26586413	26588157	1745	51	171.59	10.73	0.46
chrX	26588381	26590724	2344	81	313.77	18.4	0.24
chrX	26599919	26600614	696	16	52.29	6.13	2.02
chrX	26600767	26602232	1466	404	3100	63.24	0
chrX	26627320	26629330	2011	47	124.32	9.2	0.74
chrX	26630857	26632889	2033	50	139.83	6.9	0.58
chrX	26633527	26635940	2414	78	291.17	9.2	0.26
chrX	26635966	26637791	1826	53	170.2	8.43	0.48
chrX	26639213	26640944	1732	42	116.97	7.66	0.86
chrX	26643127	26645259	2133	57	173.55	10.73	0.45
chrX	26653555	26654519	965	24	78.31	6.13	1.25
chrX	26655549	26656819	1271	27	72.2	9.2	1.4
chrX	26658149	26660044	1896	47	133.18	8.43	0.63
chrX	26660651	26661585	935	22	68.75	6.9	1.49
chrX	26666943	26668465	1523	35	92.9	6.9	1.06
chrX	26672094	26673083	990	26	88.57	6.9	1.11
chrX	26673123	26673892	770	22	77.06	7.66	1.27
chrX	26673982	26674782	801	20	61.71	7.66	1.7
chrX	26675230	26676029	800	17	50.2	5.37	2.13
chrX	26681323	26682777	1455	36	109.76	8.43	0.88
chrX	26683220	26684792	1573	39	112.02	7.66	0.86
chrX	26685691	26688197	2507	69	214.81	9.96	0.34
chrX	26688237	26690976	2740	82	263.33	9.96	0.33
chrX	26692468	26693188	721	18	62.38	6.9	1.68
chrX	26696115	26703052	6938	184	496.1	10.73	0.07
chrX	26708077	26708908	832	21	71.32	8.43	1.42
chrX	26709107	26711448	2342	58	150.46	7.66	0.53
chrX	26713642	26715968	2327	65	206.14	7.66	0.38
chrX	26717030	26718087	1058	24	70.82	6.9	1.46
chrX	26718126	26719404	1279	39	139	8.43	0.57
chrX	26719484	26720400	917	25	82.56	9.2	1.16
chrX	26722315	26725015	2701	72	209.95	11.5	0.36
chrX	26725744	26726833	1090	22	57.57	9.2	1.83

chrX	26727210	26728503	1294	28	76.06	9.2	1.29
chrX	26729031	26730246	1216	36	132.05	10.73	0.62
chrX	26730338	26733876	3539	110	368.04	10.73	0.24
chrX	26735720	26737393	1674	45	146.11	8.43	0.57
chrX	26737872	26738988	1117	27	83.74	8.43	1.14
chrX	26740388	26741882	1495	39	118.5	7.66	0.86
chrX	26742864	26743954	1091	25	74.06	6.9	1.38
chrX	26745376	26747739	2364	104	482.48	28.36	0.07
chrX	26758350	26759237	888	21	66.59	10.73	1.52
chrX	26760099	26761957	1859	46	130.27	9.2	0.64
chrX	26769742	26770899	1158	29	92.39	8.43	1.09
chrX	26773552	26774971	1420	39	131.54	8.43	0.64
chrX	26775670	26778472	2803	77	231.81	8.43	0.34
chrX	26780385	26783844	3460	141	629.56	15.33	0.1
chrX	26784332	26785181	850	18	52.21	8.43	2.03
chrX	26788548	26791787	3240	94	299.07	9.2	0.23
chrX	26792103	26794086	1984	62	227.64	11.5	0.34
chrX	26794127	26795000	874	19	56.08	6.9	1.86
chrX	26795950	26797334	1385	30	80.63	6.9	1.19
chrX	26802513	26803663	1151	26	75.25	6.9	1.31
chrX	26804641	26808368	3728	100	285.92	10.73	0.29
chrX	26819118	26819996	879	20	61.42	6.13	1.71
chrX	26820562	26821846	1285	30	88.01	8.43	1.1
chrX	26822347	26823374	1028	27	91.43	8.43	1.09
chrX	26823407	26824212	806	20	61.31	7.66	1.72
chrX	26826637	26828343	1707	50	175.41	12.26	0.45
chrX	26828430	26830658	2229	60	183.63	8.43	0.47
chrX	26830967	26836058	5092	144	437.1	9.2	0.12
chrX	26836335	26840253	3919	104	293.83	10.73	0.22
chrX	26842198	26846075	3878	119	406.65	9.2	0.17
chrX	26846145	26848207	2063	62	205.78	9.96	0.38
chrX	26849707	26853842	4136	114	336.18	8.43	0.22
chrX	26854004	26855906	1903	56	188.79	11.5	0.46
chrX	26855963	26856848	886	25	85.45	9.96	1.1
chrX	26857261	26860465	3205	101	356.06	9.96	0.24
chrX	26860787	26866049	5263	166	578.4	9.96	0.09
chrX	26866087	26867499	1413	32	84.16	6.13	1.15
chrX	26868106	26869297	1192	26	72.25	6.13	1.4
chrX	26869584	26870411	828	18	53.79	6.9	1.96
chrX	26892147	26892847	701	17	57.92	8.43	1.81
chrX	26926863	26927716	854	21	69.41	6.9	1.49
chrX	26932985	26933721	737	17	54.95	7.66	1.88
chrX	26936018	26937020	1003	21	58.03	7.66	1.81
chrX	26947581	26948441	861	18	51.44	6.13	2.06
chrX	26958374	26959154	781	17	51.58	6.9	2.04
chrX	26969690	26970688	999	23	69.57	6.9	1.47
chrX	26995889	26997606	1718	44	129.91	9.2	0.66
chrX	27018365	27019324	960	22	66.78	6.9	1.52
chrX	27019364	27020117	754	17	53.62	6.13	1.96
chrX	27034744	27035538	795	18	56.28	5.37	1.87
chrX	27065861	27066516	656	16	55.61	9.96	1.86

chrX	27086460	27087301	842	19	58.47	6.13	1.75
chrX	27087345	27088155	811	20	60.9	7.66	1.72
chrX	27089639	27091469	1831	45	132.53	6.9	0.63
chrX	27094892	27097156	2265	71	252.11	12.26	0.31
chrX	27100047	27101147	1101	26	73.3	7.66	1.38
chrX	27101165	27104654	3490	97	288.42	8.43	0.29
chrX	27105023	27108984	3962	115	365.09	11.5	0.24
chrX	27110829	27111896	1068	29	100.49	8.43	1.02
chrX	27111934	27112872	939	21	57	6.13	1.87
chrX	27116096	27117128	1033	22	61.41	6.9	1.71
chrX	27146099	27146916	818	20	66.35	6.9	1.52
chrX	27154007	27154937	931	21	63.22	8.43	1.61
chrX	27233207	27234395	1189	26	72.46	8.43	1.41
chrX	27249907	27255448	5542	221	949.81	13.8	0.16
chrX	27255756	27259001	3246	114	443.71	13.8	0.12
chrX	27263124	27264051	928	20	57.78	6.13	1.82
chrX	27285800	27286628	829	19	59.47	7.66	1.73
chrX	27293955	27294905	951	20	56.16	8.43	1.87
chrX	27295076	27295865	790	17	50.92	8.43	2.07
chrX	27296787	27297611	825	19	59.79	6.9	1.72
chrX	27302666	27303432	767	19	64.58	8.43	1.58
chrX	27331869	27333134	1266	30	83.71	10.73	1.15
chrX	27333375	27334169	795	17	50.56	6.13	2.11
chrX	27335587	27337360	1774	39	97.16	8.43	1.02
chrX	27400426	27401307	882	19	55.5	5.37	1.88
chrX	27445488	27446683	1196	24	61.22	6.13	1.71
chrX	27455932	27458029	2098	53	152.26	9.96	0.5
chrX	27458691	27460186	1496	33	78.48	8.43	1.25
chrX	27460538	27461333	796	19	62.12	6.13	1.69
chrX	27461365	27462259	895	22	66.03	9.2	1.51
chrX	27462268	27463739	1472	44	152.67	8.43	0.5
chrX	27465144	27466352	1209	30	94.15	9.96	1.08
chrX	27470797	27472041	1245	38	142.63	10.73	0.59
chrX	27477129	27478450	1322	30	85.19	6.9	1.11
chrX	27479217	27481884	2668	62	154.43	6.9	0.47
chrX	27520205	27520872	668	19	73.94	8.43	1.39
chrX	27523211	27524048	838	18	53.07	6.13	1.98
chrX	27524266	27525628	1363	37	124.08	6.9	0.73
chrX	27526738	27527644	907	20	59.31	7.66	1.73
chrX	27535349	27536060	712	16	51.03	8.43	2.08
chrX	27539799	27540942	1144	24	64.65	8.43	1.57
chrX	27550821	27551678	858	21	69.07	8.43	1.49
chrX	27603194	27604128	935	20	57.28	8.43	1.84
chrX	27635191	27636086	896	19	54.5	6.9	1.92
chrX	27637502	27638467	966	20	55.13	6.9	1.88
chrX	27639001	27640880	1880	43	111.56	8.43	0.85
chrX	27651964	27654484	2521	73	232.64	9.96	0.34
chrX	27671839	27672721	883	24	85.74	6.9	1.11
chrX	27674395	27675419	1025	35	146.82	14.56	0.57
chrX	27676228	27677778	1551	48	171.45	10.73	0.46
chrX	27678902	27679894	993	22	64.29	6.13	1.59

chrX	27680236	27683228	2993	117	500.03	16.1	0.07
chrX	27683511	27685669	2159	94	449.34	19.16	0.13
chrX	27687159	27688125	967	24	78.14	7.66	1.26
chrX	27690286	27691033	748	17	54.08	5.37	1.95
chrX	27693339	27694115	777	17	51.88	6.9	2.04
chrX	27725102	27726478	1377	31	86.76	7.66	1.12
chrX	27756477	27757377	901	21	65.55	6.13	1.52
chrX	27758166	27759094	929	21	63.38	6.9	1.62
chrX	27784694	27785489	796	17	50.49	9.96	2.11
chrX	27786728	27787426	699	17	58.09	7.66	1.8
chrX	27796009	27796805	797	18	56.12	7.66	1.86
chrX	27809615	27812863	3249	100	351.31	10.73	0.23
chrX	27813150	27814157	1008	21	57.69	6.9	1.83
chrX	27822877	27823673	797	17	50.42	6.9	2.12
chrX	27843736	27844508	773	17	52.17	5.37	2.04
chrX	27854766	27858079	3314	87	248.56	8.43	0.34
chrX	27858487	27859784	1298	37	130.36	8.43	0.65
chrX	27868747	27869594	848	18	52.35	6.9	2.01
chrX	27872729	27873645	917	19	53.05	7.66	1.97
chrX	27902078	27904325	2248	57	163.74	8.43	0.48
chrX	27906277	27907424	1148	24	64.38	9.2	1.59
chrX	27918438	27919316	879	19	55.71	6.9	1.86
chrX	27928880	27930010	1131	24	65.54	6.13	1.52
chrX	27931482	27933095	1614	37	97.44	6.13	1.02
chrX	27973422	27974323	902	19	54.08	7.66	1.95
chrX	28009217	28011274	2058	50	132.12	8.43	0.62
chrX	28014143	28015113	971	27	96.82	7.66	1.01
chrX	28021367	28022338	972	23	71.7	6.9	1.41
chrX	28025751	28027131	1381	38	128.81	8.43	0.65
chrX	28028020	28028877	858	22	75.27	6.9	1.31
chrX	28029361	28030720	1360	39	137.39	6.9	0.58
chrX	28030736	28035652	4917	167	617.69	13.03	0.09
chrX	28036380	28038405	2026	53	158.31	9.96	0.48
chrX	28039005	28040458	1454	35	98.06	7.66	1.03
chrX	28040674	28042224	1551	42	125.92	9.96	0.7
chrX	28042835	28044281	1447	41	141.93	8.43	0.59
chrX	28044545	28045331	787	21	69.05	6.9	1.49
chrX	28046693	28047713	1021	25	79.66	6.9	1.21
chrX	28047740	28049223	1484	43	138.34	11.5	0.57
chrX	28054243	28054963	721	16	50.34	6.13	2.12
chrX	28062782	28063899	1118	25	72.03	9.96	1.4
chrX	28073941	28074764	824	20	59.87	6.9	1.72
chrX	28086094	28087886	1793	39	95.87	9.96	1.01
chrX	28092253	28094627	2375	62	183.17	7.66	0.47
chrX	28096431	28097371	941	22	68.27	6.9	1.51
chrX	28105947	28107023	1077	25	75.14	6.13	1.32
chrX	28119201	28120272	1072	24	69.77	7.66	1.47
chrX	28121637	28122416	780	17	51.65	6.9	2.04
chrX	28125541	28126309	769	17	52.47	6.9	1.98
chrX	28140129	28141886	1758	60	232.42	13.8	0.34
chrX	28143280	28144687	1408	41	145.84	8.43	0.57

chrX	28144716	28145901	1186	31	96.11	9.96	1.02
chrX	28148459	28150108	1650	39	106.04	9.2	0.92
chrX	28160738	28161635	898	23	77.97	7.66	1.27
chrX	28162633	28163482	850	19	57.86	6.9	1.81
chrX	28165847	28167459	1613	37	97.52	7.66	1.02
chrX	28193545	28194933	1389	34	97.33	6.9	1.02
chrX	28195344	28197656	2313	59	170.3	10.73	0.48
chrX	28204624	28205373	750	17	53.93	6.13	1.94
chrX	28219117	28221290	2174	51	129.16	7.66	0.65
chrX	28221563	28223467	1905	54	169.14	8.43	0.48
chrX	28223651	28225090	1440	41	129.66	10.73	0.66
chrX	28225132	28226690	1559	39	107.28	6.9	0.9
chrX	28227738	28229430	1693	41	120.05	8.43	0.86
chrX	28234735	28235573	839	18	53	6.9	1.98
chrX	28235900	28237434	1535	38	109.18	6.9	0.87
chrX	28243459	28245638	2180	58	175.59	10.73	0.45
chrX	28246039	28248054	2016	45	112.92	9.96	0.86
chrX	28248100	28249560	1461	37	103.34	6.9	0.92
chrX	28274397	28275569	1173	26	73.62	8.43	1.38
chrX	28297846	28298803	958	22	66.94	7.66	1.53
chrX	28298819	28299928	1110	34	122.82	9.96	0.79
chrX	28299970	28302175	2206	52	126.87	7.66	0.67
chrX	28310035	28311665	1631	41	119.16	8.43	0.86
chrX	28316494	28318145	1652	45	148.15	9.2	0.56
chrX	28318177	28326111	7935	279	1033.17	16.86	0
chrX	28328402	28329153	752	17	53.77	6.13	1.96
chrX	28331217	28331875	659	16	55.35	6.9	1.88
chrX	28343960	28344725	766	19	64.66	7.66	1.57
chrX	28368359	28369296	938	21	62.69	5.37	1.66
chrX	28371325	28374221	2897	79	235.83	9.96	0.32
chrX	28388964	28389726	763	18	58.82	6.9	1.75
chrX	28397143	28398306	1164	27	80	7.66	1.2
chrX	28400367	28401357	991	22	64.44	6.13	1.59
chrX	28403699	28404687	989	20	53.6	9.96	1.96
chrX	28409358	28410485	1128	22	55.17	8.43	1.88
chrX	28454140	28455244	1105	30	103.43	8.43	0.92
chrX	28455605	28456374	770	19	58.25	9.2	1.78
chrX	28458123	28459173	1051	24	71.36	7.66	1.43
chrX	28460890	28462505	1616	39	108.63	6.9	0.87
chrX	28464011	28465333	1323	40	147.96	9.96	0.56
chrX	28465454	28466316	863	19	51.3	8.43	2.05
chrX	28467371	28468868	1498	40	130.65	7.66	0.63
chrX	28481021	28483129	2109	53	145.48	10.73	0.56
chrX	28486606	28487472	867	19	56.59	7.66	1.87
chrX	28490204	28491051	848	22	76.17	7.66	1.28
chrX	28491067	28492198	1132	30	94.65	6.9	1.06
chrX	28504162	28505103	942	22	68.19	7.66	1.5
chrX	28510919	28512995	2077	49	130.69	8.43	0.63
chrX	28513679	28516855	3177	91	279.39	8.43	0.28
chrX	28532652	28533491	840	19	58.62	6.13	1.74
chrX	28539302	28541150	1849	50	161.64	7.66	0.47

chrX	28541420	28542510	1091	23	57.51	9.2	1.83
chrX	28543128	28544962	1835	38	109.26	6.9	0.88
chrX	28545161	28549661	4501	121	359.4	9.2	0.24
chrX	28549817	28551244	1428	38	118.17	8.43	0.86
chrX	28551275	28552129	855	21	63.31	9.2	1.62
chrX	28552627	28553485	859	20	62.99	6.13	1.62
chrX	28553956	28555188	1233	32	104.37	6.9	0.92
chrX	28555512	28556379	868	20	62.28	9.2	1.69
chrX	28559842	28560734	893	19	54.71	6.13	1.9
chrX	28560917	28561714	798	17	50.35	6.13	2.13
chrX	28565748	28566748	1001	20	52.82	6.9	1.98
chrX	28576938	28578735	1798	53	186.14	13.8	0.48
chrX	28592231	28592865	635	17	63.9	8.43	1.61
chrX	28627054	28627978	925	20	58	6.13	1.8
chrX	28653584	28654948	1365	33	99.25	12.26	1.03
chrX	28657352	28658986	1635	39	107.17	7.66	0.9
chrX	28668566	28669632	1067	23	59.71	6.47	1.72
chrX	28703370	28704713	1344	33	100.97	10.73	1.01
chrX	28717565	28718330	766	17	52.7	6.9	1.97
chrX	28726388	28727352	965	21	60.7	7.66	1.72
chrX	28737063	28737793	731	19	67.79	6.9	1.5
chrX	28739178	28741810	2633	65	168.22	7.66	0.47
chrX	28742224	28743203	980	25	83.18	7.66	1.14
chrX	28877913	28878914	1002	21	58.1	9.2	1.79
chrX	28885551	28886444	894	22	72.13	6.9	1.4
chrX	28889653	28891412	1760	38	92.76	6.9	1.08
chrX	28903848	28905132	1285	31	93.87	7.66	1.07
chrX	28905180	28906027	848	19	52.35	9.96	2.01
chrX	28914539	28915555	1017	23	68.19	7.66	1.5
chrX	28915679	28916493	815	18	54.76	9.2	1.9
chrX	28920313	28921165	853	22	75.72	7.66	1.28
chrX	28942452	28943268	817	20	66.44	9.2	1.52
chrX	28943291	28944378	1088	27	80.15	6.13	1.19
chrX	28946615	28947469	855	18	51.86	6.9	2.04
chrX	28967561	28968525	965	25	84.52	9.96	1.14
chrX	28973280	28974835	1556	38	107.51	6.9	0.89
chrX	28993154	28993931	778	17	51.8	7.66	2.03
chrX	28999318	29000155	838	18	53.07	5.37	1.98
chrX	29001354	29002817	1464	35	97.29	6.13	1.02
chrX	29003464	29004281	818	18	54.53	6.9	1.91
chrX	29004363	29005596	1234	27	74.79	8.43	1.35
chrX	29017306	29018821	1516	36	99.06	7.66	1.02
chrX	29021031	29022386	1356	32	88.33	8.43	1.11
chrX	29051764	29053098	1335	29	78.66	8.43	1.24
chrX	29053310	29055181	1872	59	219.21	9.96	0.32
chrX	29055607	29056367	761	17	53.08	6.9	1.98
chrX	29060595	29061363	769	17	52.47	6.13	1.98
chrX	29061705	29063166	1462	34	91.76	6.13	1.1
chrX	29088625	29090229	1605	41	127.37	7.66	0.68
chrX	29092741	29094454	1714	38	95.87	8.43	1.01
chrX	29095313	29096626	1314	34	103.48	9.2	0.92

chrX	29103010	29103868	859	20	62.99	7.66	1.62
chrX	29173727	29175065	1339	30	83.93	6.9	1.14
chrX	29177375	29178256	882	21	67.08	6.9	1.53
chrX	29187459	29188597	1139	43	192.5	15.33	0.47
chrX	29218571	29219470	900	23	77.79	8.43	1.27
chrX	29224792	29225764	973	23	71.62	7.66	1.42
chrX	29235699	29236824	1126	23	60.5	8.43	1.73
chrX	29243539	29244312	774	17	52.1	6.13	2.03
chrX	29257414	29258227	814	20	66.69	6.9	1.52
chrX	29259469	29261615	2147	54	154.19	8.43	0.49
chrX	29262261	29263248	988	21	59.07	5.37	1.75
chrX	29265998	29266910	913	20	58.87	9.2	1.75
chrX	29348744	29349955	1212	28	82.08	6.9	1.16
chrX	29350404	29352250	1847	40	97.58	8.43	1.02
chrX	29358547	29359297	751	17	53.85	6.13	1.95
chrX	29364859	29366096	1238	27	74.51	8.43	1.36
chrX	29367384	29368171	788	17	51.07	6.9	2.08
chrX	29378247	29378949	703	16	51.73	6.13	2.04
chrX	29391724	29393198	1475	40	114.44	7	0.86
chrX	29409859	29410792	934	20	57.35	7.66	1.83
chrX	29450992	29451871	880	21	67.24	6.13	1.53
chrX	29451921	29453602	1682	40	109.31	9.2	0.88
chrX	29465598	29467155	1558	43	144.19	8.43	0.56
chrX	29470662	29472205	1544	44	152.06	8.43	0.5
chrX	29473085	29476018	2934	67	162.96	8.43	0.48
chrX	29503042	29504034	993	23	70.04	7.66	1.47
chrX	29506930	29508359	1430	33	88.49	8.43	1.11
chrX	29514554	29515348	795	18	56.28	6.13	1.87
chrX	29515818	29518058	2241	70	247.84	9.96	0.34
chrX	29518306	29519228	923	21	63.83	8.43	1.61
chrX	29519284	29520285	1002	24	69.34	7.66	1.49
chrX	29535352	29536128	777	18	57.69	6.9	1.83
chrX	29536723	29537543	821	18	54.31	5.37	1.94
chrX	29552746	29553869	1124	27	83.17	6.13	1.14
chrX	29558284	29559312	1029	22	61.7	6.9	1.7
chrX	29561808	29562631	824	20	65.85	7.66	1.52
chrX	29577825	29578855	1031	24	72.9	6.13	1.4
chrX	29579442	29581030	1589	39	110.74	8.43	0.85
chrX	29583698	29586871	3174	82	230.28	11.5	0.34
chrX	29593672	29594671	1000	23	69.49	6.13	1.49
chrX	29597958	29598797	840	18	52.92	6.13	1.97
chrX	29631022	29632176	1155	24	63.91	10.73	1.61
chrX	29643629	29644892	1264	33	107.85	8.43	0.89
chrX	29712604	29713263	660	16	55.26	7.66	1.88
chrX	29735319	29736208	890	23	78.68	12.26	1.24
chrX	29736961	29737856	896	19	54.5	5.37	1.92
chrX	29782014	29782865	852	22	75.81	11.5	1.28
chrX	29789260	29791085	1826	40	98.99	8.43	1.02
chrX	29798451	29799697	1247	28	79.44	12.26	1.22
chrX	29839896	29840556	661	16	55.18	7.66	1.88
chrX	29842457	29843370	914	19	53.25	6.13	1.97

chrX	29863272	29864087	816	18	54.68	5.37	1.91
chrX	29936166	29936957	792	17	50.78	6.9	2.07
chrX	29967076	29967881	806	19	61.31	6.9	1.72
chrX	29979465	29981189	1725	42	117.52	7.66	0.85
chrX	29997826	29998640	815	20	66.61	6.13	1.52
chrX	30006955	30008496	1542	37	102.81	6.9	0.94
chrX	30009711	30011064	1354	37	124.93	19.93	0.71
chrX	30018566	30019727	1162	26	74.43	8.43	1.36
chrX	30021047	30021855	809	18	55.21	9.2	1.88
chrX	30023941	30024621	681	16	53.5	9.2	1.97
chrX	30034965	30035834	870	19	56.37	6.9	1.87
chrX	30052091	30052831	741	17	54.63	5.37	1.9
chrX	30052893	30053960	1068	23	53.76	8.43	1.96
chrX	30054673	30055452	780	17	51.65	6.9	2.04
chrX	30061844	30062831	988	24	70.43	7.66	1.47
chrX	30066426	30067170	745	17	54.32	6.9	1.94
chrX	30076206	30077116	911	23	76.82	6.9	1.27
chrX	30077887	30078785	899	20	59.9	6.13	1.72
chrX	30080113	30081865	1753	50	170.79	8.43	0.48
chrX	30088808	30090014	1207	27	76.75	7.66	1.27
chrX	30094999	30096480	1482	37	107.55	8.43	0.89
chrX	30144776	30147806	3031	88	286.94	11.5	0.29
chrX	30149260	30150044	785	17	51.29	6.13	2.06
chrX	30159582	30160438	857	21	69.16	7.66	1.48
chrX	30167158	30168172	1015	21	57.21	8.43	1.85
chrX	30168371	30169214	844	18	52.64	6.9	1.97
chrX	30171883	30172643	761	17	53.08	7.66	1.98
chrX	30217985	30219241	1257	35	121.27	10.73	0.85
chrX	30222651	30223707	1057	26	82.7	10.73	1.15
chrX	30230470	30231312	843	18	52.71	6.9	1.97
chrX	30240217	30240965	749	19	66.16	7.66	1.52
chrX	30241020	30243429	2410	70	217.5	10.73	0.32
chrX	30243764	30246349	2586	68	201.58	9.96	0.42
chrX	30253849	30254516	668	16	54.58	6.9	1.9
chrX	30271892	30272794	903	21	65.39	7.66	1.55
chrX	30286163	30287076	914	20	58.79	6.9	1.75
chrX	30290299	30290970	672	16	54.25	6.13	1.95
chrX	30292478	30293269	792	17	50.78	6.9	2.07
chrX	30375099	30375835	737	17	54.95	6.13	1.88
chrX	30377291	30378153	863	20	62.67	6.13	1.65
chrX	30378515	30379366	852	19	57.71	10.73	1.82
chrX	30390331	30391900	1570	42	136.69	7.66	0.58
chrX	30402087	30402895	809	18	55.21	8.43	1.88
chrX	30440483	30441307	825	20	65.76	6.13	1.52
chrX	30446184	30447049	866	18	51.1	9.96	2.07
chrX	30455947	30458357	2411	58	150.92	8.43	0.51
chrX	30460488	30461364	877	18	50.35	7.66	2.12
chrX	30463325	30464072	748	17	54.08	5.37	1.95
chrX	30473577	30474330	754	17	53.62	5.37	1.96
chrX	30478354	30479986	1633	37	107.32	6.9	0.9
chrX	30485089	30486149	1061	23	64.96	9.2	1.56

chrX	30507963	30509241	1279	32	100.37	8.43	1.01
chrX	30544789	30545565	777	17	51.88	6.13	2.04
chrX	30568050	30569170	1121	25	71.81	7.66	1.41
chrX	30575052	30576399	1348	30	83.28	7.66	1.15
chrX	30607697	30608458	762	17	53	6.9	1.98
chrX	30615840	30617208	1369	31	87.36	10.73	1.12
chrX	30624435	30625518	1084	25	74.6	7.66	1.36
chrX	30635795	30636604	810	18	55.13	6.9	1.88
chrX	30637353	30639227	1875	45	123.21	7.66	0.77
chrX	30659801	30660991	1191	30	95.68	10.73	1.04
chrX	30669233	30669945	713	16	50.95	6.13	2.07
chrX	30701452	30702580	1129	25	71.22	8.43	1.42
chrX	30731141	30733506	2366	57	143.02	7.66	0.59
chrX	30736059	30737239	1181	24	57.01	7.66	1.87
chrX	30763750	30764655	906	19	53.8	6.13	1.96
chrX	30765931	30766648	718	16	50.57	7.66	2.1
chrX	30769402	30770536	1135	31	107.04	9.2	0.9
chrX	30780575	30781650	1076	24	69.48	7.66	1.49
chrX	30791454	30792697	1244	33	109.65	10.73	0.88
chrX	30803143	30804028	886	19	55.21	5.37	1.87
chrX	30810656	30811401	746	17	54.24	7.66	1.95
chrX	30811421	30812236	816	20	60.5	6.9	1.72
chrX	30812670	30813457	788	17	51.07	6.9	2.08
chrX	30814219	30815808	1590	37	104.88	9.2	0.93
chrX	30823258	30824422	1165	25	68.64	9.96	1.49
chrX	30830998	30832037	1040	24	72.2	7.66	1.4
chrX	30839866	30841065	1200	27	77.27	6.9	1.28
chrX	30841184	30842829	1646	38	100.7	6.9	1.01
chrX	30855576	30856985	1410	32	84.37	8.43	1.15
chrX	30859057	30860016	960	25	84.97	9.96	1.14
chrX	30864579	30865710	1132	30	100.92	13.03	1.01
chrX	30867530	30868910	1381	33	97.96	9.2	1.02
chrX	30884588	30889510	4923	137	408.57	10.73	0.17
chrX	30891466	30892720	1255	29	84.54	8.43	1.14
chrX	30892898	30894188	1291	34	111.68	9.2	0.85
chrX	30898070	30899068	999	20	52.95	6.13	1.98
chrX	30899692	30901048	1357	36	118.29	9.2	0.86
chrX	30902099	30903119	1021	23	67.89	6.9	1.51
chrX	30903166	30906596	3431	101	319.42	9.2	0.25
chrX	30907184	30910091	2908	69	150.02	7.45	0.53
chrX	30910156	30910996	841	18	52.85	7.66	1.98
chrX	30918765	30920037	1273	29	83.18	9.2	1.14
chrX	30921046	30922357	1312	32	97.62	6.9	1.02
chrX	30923462	30924544	1083	26	80.55	9.2	1.18
chrX	30927727	30929056	1330	33	96.16	6.13	1.02
chrX	30941948	30942971	1024	21	56.61	6.9	1.87
chrX	30975250	30976524	1275	28	77.4	7.66	1.28
chrX	30991532	30993261	1730	43	128.91	9.96	0.65
chrX	30995692	30997909	2218	49	131.52	6.9	0.64
chrX	31000281	31001122	842	18	52.78	6.13	1.97
chrX	31001313	31002100	788	17	51.07	7.66	2.08

chrX	31002531	31003315	785	17	51.29	6.13	2.06
chrX	31009880	31011272	1393	38	127.67	10.73	0.68
chrX	31011678	31012759	1082	21	52.89	7.66	1.98
chrX	31014344	31015412	1069	27	87.78	7.66	1.11
chrX	31024391	31025242	852	20	63.55	6.13	1.61
chrX	31029829	31031359	1531	36	97.93	6.13	1.02
chrX	31033897	31034927	1031	23	67.14	10.73	1.53
chrX	31035192	31035939	748	17	54.08	5.37	1.95
chrX	31039589	31040299	711	16	51.11	8.43	2.06
chrX	31048100	31050124	2025	44	106.93	7.66	0.89
chrX	31051056	31051824	769	17	52.47	6.13	1.98
chrX	31051893	31053387	1495	41	130.93	7.66	0.63
chrX	31054168	31055062	895	19	54.57	6.9	1.91
chrX	31055105	31056132	1028	21	56.34	5.37	1.87
chrX	31060656	31062442	1787	43	118.48	7.66	0.86
chrX	31062849	31063705	857	19	57.33	6.13	1.83
chrX	31064078	31065006	929	26	94.37	8.43	1.08
chrX	31066003	31068159	2157	52	141.72	7.66	0.59
chrX	31069523	31070463	941	22	68.27	7.66	1.51
chrX	31071771	31075594	3824	107	320.69	8.43	0.21
chrX	31078309	31079269	961	22	66.7	6.9	1.52
chrX	31085190	31086062	873	23	80.24	6.9	1.19
chrX	31086833	31088305	1473	41	139.4	12.26	0.57
chrX	31091851	31094029	2179	50	123.3	6.9	0.76
chrX	31094110	31096137	2028	55	170.49	9.96	0.48
chrX	31099227	31100771	1545	38	108.38	8.43	0.88
chrX	31104443	31106512	2070	62	218.42	9.2	0.32
chrX	31131194	31131969	776	18	57.77	6.9	1.82
chrX	31139178	31139941	764	17	52.85	6.13	1.98
chrX	31140774	31142556	1783	46	136.51	9.96	0.59
chrX	31144431	31145881	1451	35	98.29	6.9	1.03
chrX	31145986	31147484	1499	40	118.15	7.66	0.86
chrX	31150009	31151133	1125	23	60.57	8.43	1.72
chrX	31156785	31158420	1636	40	112.87	6.13	0.86
chrX	31158847	31160651	1805	47	140.71	9.96	0.58
chrX	31160725	31163066	2342	59	150.46	7.66	0.53
chrX	31164606	31165506	901	21	65.55	5.37	1.52
chrX	31165992	31166787	796	17	50.49	6.13	2.11
chrX	31171469	31172600	1132	25	71	8.43	1.44
chrX	31173199	31174433	1235	27	74.72	6.9	1.35
chrX	31174626	31177453	2828	64	154.08	8.43	0.49
chrX	31177549	31181146	3598	104	322.71	10.73	0.21
chrX	31189193	31189993	801	17	50.13	6.9	2.13
chrX	31192260	31194403	2144	56	160.41	8.43	0.47
chrX	31195640	31196616	977	21	59.84	6.9	1.72
chrX	31213301	31214155	855	20	63.31	6.13	1.62
chrX	31214422	31215677	1256	32	102.35	12.26	0.95
chrX	31216235	31217051	817	18	54.61	5.37	1.9
chrX	31221587	31222382	796	17	50.49	5.37	2.11
chrX	31223270	31224061	792	17	50.78	5.37	2.07
chrX	31228470	31229815	1346	31	89.09	6.9	1.09

chrX	31241406	31242161	756	18	59.39	6.13	1.73
chrX	31245064	31245714	651	16	56.04	5.37	1.86
chrX	31249580	31251429	1850	46	130.99	8.43	0.63
chrX	31259329	31260139	811	20	66.95	8.43	1.53
chrX	31269648	31271561	1914	43	109.15	9.2	0.87
chrX	31277383	31278957	1575	35	89.21	6.9	1.1
chrX	31282631	31291343	8713	280	964.41	10.73	0
chrX	31293216	31297552	4337	125	387.06	9.96	0.21
chrX	31299351	31300260	910	19	53.53	9.2	1.97
chrX	31300469	31301804	1336	30	84.15	9.96	1.15
chrX	31302046	31303286	1241	33	109.93	8.43	0.88
chrX	31303521	31308858	5338	175	475.37	10.67	0.07
chrX	31312758	31313593	836	22	77.27	10.73	1.28
chrX	31313796	31319716	5921	188	644.04	10.73	0.1
chrX	31321462	31323052	1591	44	147.49	10.73	0.57
chrX	31324144	31326103	1960	51	151.79	11.5	0.5
chrX	31326772	31327557	786	18	56.98	6.9	1.87
chrX	31327590	31329320	1731	42	111.31	10.73	0.85
chrX	31332111	31335889	3779	112	363.51	9.96	0.24
chrX	31339505	31340687	1183	26	72.89	7.66	1.4
chrX	31341349	31342379	1031	20	50.92	5.37	2.07
chrX	31344158	31346434	2277	64	204.45	9.2	0.38
chrX	31347690	31348547	858	19	57.26	9.2	1.85
chrX	31350025	31350776	752	20	72.26	9.2	1.4
chrX	31369492	31370853	1362	30	82.26	6.9	1.16
chrX	31371136	31371975	840	18	52.92	7.66	1.97
chrX	31373374	31375602	2229	61	189.88	8.43	0.46
chrX	31375822	31377258	1437	36	111.27	8.43	0.85
chrX	31377399	31378727	1329	35	114.53	11.5	0.86
chrX	31378840	31379982	1143	23	59.4	7.66	1.73
chrX	31383447	31384367	921	19	52.78	8.43	1.97
chrX	31385179	31386221	1043	20	50.18	8.43	2.13
chrX	31387730	31389411	1682	50	177.99	9.96	0.46
chrX	31393412	31394543	1132	24	65.47	7.66	1.52
chrX	31397483	31398324	842	19	58.47	7.66	1.75
chrX	31403807	31405148	1342	35	113.37	11.5	0.87
chrX	31406221	31407770	1550	41	132.22	7.66	0.62
chrX	31408282	31410534	2253	62	193.98	13.03	0.47
chrX	31410739	31414279	3541	106	347.83	12.26	0.23
chrX	31415201	31417186	1986	49	143.61	8.43	0.58
chrX	31418812	31419892	1081	26	80.71	6.9	1.19
chrX	31422606	31423849	1244	29	85.39	8.43	1.1
chrX	31424365	31427548	3184	100	351.47	11.5	0.23
chrX	31429599	31433450	3852	111	343.44	12.26	0.22
chrX	31434220	31435173	954	24	79.26	6.9	1.23
chrX	31436849	31437970	1122	25	71.73	6.9	1.41
chrX	31438154	31439024	871	18	50.75	6.9	2.07
chrX	31439544	31441246	1703	41	113.44	7.66	0.87
chrX	31441430	31442310	881	18	50.08	7.66	2.14
chrX	31448172	31449803	1632	48	169.72	7.66	0.48
chrX	31450834	31451782	949	23	73.58	6.9	1.38

chrX	31452154	31453564	1411	38	125.99	9.96	0.7
chrX	31454788	31455688	901	19	54.15	6.9	1.95
chrX	31456208	31458010	1803	59	227.08	9.2	0.34
chrX	31461825	31462593	769	18	58.33	6.13	1.77
chrX	31464276	31466151	1876	50	152.95	7.66	0.5
chrX	31466738	31469231	2494	68	209.72	9.96	0.36
chrX	31469616	31470792	1177	25	67.81	7.66	1.5
chrX	31471845	31474397	2553	73	236.03	9.96	0.32
chrX	31474582	31475466	885	21	66.84	6.9	1.53
chrX	31476443	31477379	937	26	90.44	8.15	1.11
chrX	31477493	31479929	2437	72	240.9	10.73	0.33
chrX	31481135	31484790	3656	90	227.05	8.43	0.34
chrX	31485469	31487206	1738	41	110.78	10.73	0.85
chrX	31489839	31490595	757	17	53.39	6.9	1.97
chrX	31490901	31493903	3003	79	232.69	9.96	0.34
chrX	31494414	31496164	1751	46	139.25	7.66	0.57
chrX	31496196	31500959	4764	142	462.35	10.73	0.07
chrX	31501297	31502715	1419	36	106.75	6.9	0.9
chrX	31505114	31507492	2379	58	153.35	6.9	0.5
chrX	31508031	31510715	2685	69	193.23	7.66	0.47
chrX	31512023	31514038	2016	49	129.61	7.66	0.66
chrX	31519047	31523687	4641	142	468.22	11.5	0.07
chrX	31529629	31532919	3291	91	275.18	8.43	0.28
chrX	31534206	31534872	667	17	60.9	8.43	1.72
chrX	31537807	31539133	1327	36	121.06	8.43	0.85
chrX	31540649	31541438	790	17	50.92	6.13	2.07
chrX	31544061	31546706	2646	66	178.73	7.66	0.46
chrX	31548842	31553880	5039	136	385.91	9.96	0.21
chrX	31554470	31559043	4574	132	428.79	9.2	0.12
chrX	31560377	31564944	4568	124	353.52	9.2	0.23
chrX	31566303	31568301	1999	45	114.1	9.96	0.86
chrX	31569826	31571033	1208	26	71.12	8.43	1.42
chrX	31571605	31575832	4228	126	404.14	12.26	0.17
chrX	31575904	31578629	2726	79	251.68	9.96	0.34
chrX	31578747	31579397	651	18	62.38	6.9	1.68
chrX	31580615	31582352	1738	44	128.25	7.66	0.67
chrX	31601060	31603068	2009	54	172.21	7.66	0.46
chrX	31604129	31605675	1547	34	85.73	6.13	1.11
chrX	31606461	31608541	2081	45	108.5	8.43	0.87
chrX	31611194	31612245	1052	22	60.1	7.66	1.72
chrX	31613493	31615551	2059	57	180.25	9.2	0.46
chrX	31619275	31622010	2736	74	219.17	9.96	0.32
chrX	31623246	31624291	1046	30	109.21	7.66	0.87
chrX	31624581	31627604	3024	74	195.45	9.96	0.45
chrX	31629324	31630117	794	18	56.35	6.9	1.87
chrX	31630817	31631719	903	21	65.39	6.9	1.55
chrX	31648623	31649653	1031	20	50.92	6.13	2.07
chrX	31657910	31659751	1842	61	236.8	11.5	0.32
chrX	31661373	31663791	2419	83	326.45	14.56	0.21
chrX	31663975	31664876	902	20	59.68	8.43	1.73
chrX	31682209	31683525	1317	30	85.57	10.73	1.1

chrX	31685550	31687234	1685	42	120.7	6.9	0.86
chrX	31687488	31689581	2094	48	118.35	6.9	0.86
chrX	31689819	31690585	767	17	52.63	5.37	1.97
chrX	31698865	31699889	1025	30	111.37	10.73	0.85
chrX	31700775	31703877	3103	92	299.46	10.73	0.23
chrX	31703969	31705188	1220	29	87.28	8.43	1.11
chrX	31705236	31706686	1451	39	122.35	8.43	0.78
chrX	31707016	31708227	1212	27	76.38	9.2	1.27
chrX	31711614	31712561	948	19	50.98	8.43	2.07
chrX	31724118	31725107	990	23	70.27	7.66	1.47
chrX	31733555	31736819	3265	83	222.87	8.43	0.33
chrX	31737704	31738504	801	18	55.81	7.66	1.86
chrX	31742659	31743649	991	22	64.44	7.66	1.59
chrX	31746808	31747665	858	20	63.07	6.13	1.62
chrX	31749119	31750156	1038	20	50.49	9.2	2.11
chrX	31784002	31785206	1205	37	140.08	12.26	0.58
chrX	31788151	31788948	798	17	50.35	7.66	2.13
chrX	31794506	31795637	1132	24	65.47	8.43	1.52
chrX	31798840	31799617	778	18	57.61	6.13	1.83
chrX	31802279	31803143	865	19	56.74	6.13	1.87
chrX	31816859	31818288	1430	34	94.15	6.9	1.08
chrX	31832208	31833746	1539	38	108.86	9.96	0.87
chrX	31847424	31848254	831	18	53.58	5.37	1.97
chrX	31859788	31861229	1442	36	104.86	7.66	0.93
chrX	31876578	31878263	1686	44	132.62	7.66	0.63
chrX	31896709	31897468	760	20	71.51	9.96	1.42
chrX	31914868	31916219	1352	32	94.41	10.73	1.08
chrX	31922654	31924240	1587	37	99.42	8.43	1.03
chrX	31943672	31945144	1473	34	96.61	6.9	1.02
chrX	31955576	31956436	861	19	57.03	6.9	1.86
chrX	31963840	31964638	799	17	50.27	6.13	2.13
chrX	31969155	31970746	1592	36	104.72	6.9	0.93
chrX	31974111	31974947	837	19	58.85	8.43	1.75
chrX	31977649	31980181	2533	69	212.44	8.43	0.36
chrX	31985708	31986656	949	22	67.64	6.13	1.51
chrX	31992718	31993696	979	20	54.26	8.43	1.95
chrX	32008531	32009652	1122	24	66.17	6.13	1.52
chrX	32015424	32016188	765	17	52.78	5.37	1.97
chrX	32016281	32017561	1281	28	71.52	8.43	1.42
chrX	32021099	32021920	822	18	54.24	6.9	1.94
chrX	32027093	32028719	1627	42	125.49	11.5	0.71
chrX	32090076	32093395	3320	100	337.11	10.73	0.22
chrX	32093806	32095509	1704	46	149.68	9.96	0.53
chrX	32096256	32097038	783	17	51.43	9.2	2.06
chrX	32097701	32098740	1040	26	84.14	8.43	1.15
chrX	32100535	32101874	1340	33	101.3	8.43	1
chrX	32103364	32104448	1085	28	92.58	9.2	1.09
chrX	32126708	32130543	3836	117	390.87	12.26	0.16
chrX	32150842	32151661	820	19	60.18	5.37	1.72
chrX	32167924	32168854	931	22	69.07	7.66	1.49
chrX	32185756	32187118	1363	29	76.72	10.73	1.27

chrX	32187974	32188819	846	18	52.5	8.43	1.98
chrX	32191940	32192855	916	20	58.65	6.13	1.75
chrX	32196482	32197226	745	17	54.32	7.66	1.94
chrX	32211579	32212426	848	18	52.35	7.66	2.01
chrX	32238648	32240045	1398	36	114.62	9.96	0.86
chrX	32240213	32241001	789	17	50.99	6.13	2.07
chrX	32257930	32258859	930	22	69.15	6.9	1.48
chrX	32262602	32263386	785	17	51.29	5.37	2.06
chrX	32266527	32267324	798	17	50.35	5.37	2.13
chrX	32272657	32273821	1165	28	85.79	7.66	1.11
chrX	32281489	32282981	1493	35	95.1	6.13	1.04
chrX	32287248	32288776	1529	40	121.69	7.66	0.82
chrX	32290487	32291293	807	18	55.36	6.13	1.88
chrX	32291364	32294792	3429	122	479.68	14.56	0.07
chrX	32295545	32296941	1397	32	90.94	7.66	1.12
chrX	32308554	32309449	896	20	60.13	6.9	1.72
chrX	32311332	32313982	2651	68	190.08	8.43	0.47
chrX	32315230	32316722	1493	35	95.1	6.9	1.04
chrX	32319493	32321501	2009	55	178.54	8.43	0.46
chrX	32325772	32327806	2035	51	145.55	8.43	0.56
chrX	32337072	32339159	2088	57	177.59	9.96	0.45
chrX	32354586	32355513	928	19	52.3	8.43	2.01
chrX	32361276	32363145	1870	42	106.77	9.2	0.91
chrX	32363673	32365654	1982	48	132.22	10.73	0.62
chrX	32390063	32391092	1030	20	50.98	6.9	2.07
chrX	32393851	32395698	1848	53	174.56	8.43	0.45
chrX	32412320	32413172	853	21	69.5	6.13	1.49
chrX	32415006	32415798	793	17	50.71	7.66	2.07
chrX	32421208	32422276	1069	23	64.39	6.13	1.59
chrX	32450907	32451859	953	21	61.58	7.66	1.7
chrX	32452697	32454720	2024	50	140.54	9.2	0.58
chrX	32519683	32520502	820	20	66.19	6.9	1.52
chrX	32529148	32529786	639	16	57.1	7.66	1.86
chrX	32531900	32532874	975	25	77.46	7.66	1.28
chrX	32533026	32534156	1131	25	71.07	12.26	1.43
chrX	32548108	32548967	860	21	68.9	6.9	1.48
chrX	32566334	32567757	1424	32	83.38	6.13	1.15
chrX	32585922	32586721	800	18	55.89	7.66	1.86
chrX	32613972	32615080	1109	24	67.08	7.66	1.53
chrX	32616035	32617377	1343	33	101.05	11.5	1.01
chrX	32629325	32630217	893	19	54.71	6.9	1.9
chrX	32631564	32633583	2020	46	135.04	7.66	0.59
chrX	32645289	32646042	754	18	59.56	6.13	1.72
chrX	32646252	32648840	2589	70	226.21	13.03	0.33
chrX	32710717	32712738	2022	52	152.59	9.2	0.5
chrX	32713538	32714546	1009	24	68.8	8.43	1.49
chrX	32715348	32716231	884	19	55.35	6.9	1.88
chrX	32717494	32718314	821	19	60.1	7.66	1.72
chrX	32719299	32721171	1873	41	101.16	9.96	1.01
chrX	32731197	32733887	2691	87	302.03	13.03	0.23
chrX	32736731	32737543	813	18	54.91	6.13	1.88

chrX	32741954	32743290	1337	36	113.81	9.2	0.87
chrX	32744196	32744950	755	17	53.54	6.13	1.97
chrX	32751515	32752443	929	25	87.84	7.66	1.11
chrX	32753258	32754030	773	17	52.17	6.9	2.04
chrX	32756933	32757798	866	19	56.66	5.37	1.87
chrX	32766484	32767766	1283	34	112.41	10.73	0.86
chrX	32767941	32768701	761	18	58.98	6.9	1.76
chrX	32772152	32775002	2851	74	209.32	8.43	0.36
chrX	32775696	32779121	3426	114	414.95	10.73	0.17
chrX	32779994	32783232	3239	83	219.11	8.43	0.32
chrX	32784898	32788398	3501	94	268.95	13.03	0.33
chrX	32788435	32790910	2476	92	378.71	13.03	0.25
chrX	32791246	32796872	5627	173	573.61	11.5	0.08
chrX	32798294	32799998	1705	51	182.34	9.2	0.47
chrX	32800148	32801136	989	24	70.35	6.9	1.47
chrX	32801145	32803944	2800	70	189.84	8.43	0.46
chrX	32804335	32805122	788	17	51.07	6.13	2.08
chrX	32805276	32806550	1275	29	77.4	8.43	1.28
chrX	32808614	32809835	1222	31	99.14	7.66	1.02
chrX	32812390	32813900	1511	35	93.77	9.2	1.07
chrX	32814082	32815229	1148	31	105.81	7.66	0.92
chrX	32816068	32820865	4798	133	401.17	9.2	0.16
chrX	32821709	32822738	1030	24	72.98	6.9	1.4
chrX	32829801	32831515	1715	60	237.68	12.26	0.32
chrX	32831965	32833097	1133	30	100.83	9.96	1.01
chrX	32833403	32836975	3573	119	433.34	11.5	0.12
chrX	32836986	32838933	1948	55	171.5	8.43	0.46
chrX	32840499	32841839	1341	31	89.47	9.96	1.1
chrX	32843237	32844456	1220	25	59.71	7.66	1.72
chrX	32952981	32954674	1694	43	131.94	9.2	0.62
chrX	32954989	32956531	1543	38	114.46	8.43	0.86
chrX	32957626	32959444	1819	57	197.44	9.96	0.46
chrX	32963183	32964845	1663	41	116.58	7.66	0.87
chrX	32964951	32968413	3463	101	322.8	9.2	0.21
chrX	32969474	32974510	5037	139	423.25	10.73	0.12
chrX	32976387	32978180	1794	43	117.94	9.96	0.85
chrX	32978939	32980570	1632	41	119.08	7.66	0.86
chrX	32982763	32983610	848	19	58.01	6.13	1.81
chrX	32984031	32986367	2337	62	186.46	10.73	0.48
chrX	32986821	32989341	2521	78	272.45	10.73	0.27
chrX	32990198	32991871	1674	58	235.43	13.03	0.32
chrX	32994188	32996075	1888	50	158.09	8.43	0.48
chrX	33000671	33001995	1325	29	79.37	9.2	1.22
chrX	33002079	33002865	787	17	51.14	6.9	2.07
chrX	33004451	33005309	859	20	62.99	6.9	1.62
chrX	33006609	33008237	1629	45	150.31	7.66	0.53
chrX	33008275	33009219	945	20	51.18	6.13	2.06
chrX	33010522	33012238	1717	41	112.37	8.43	0.86
chrX	33013430	33014291	862	20	62.75	6.9	1.66
chrX	33019255	33020969	1715	51	181.29	12.26	0.46
chrX	33022416	33023530	1115	24	66.66	7.66	1.52

chrX	33023906	33024831	926	20	57.92	7.66	1.81
chrX	33028168	33030345	2178	51	128.87	6.9	0.65
chrX	33038884	33040546	1663	42	122.49	10.73	0.78
chrX	33044332	33045158	827	18	53.87	5.37	1.95
chrX	33045171	33049834	4664	157	583.25	12.26	0.09
chrX	33049856	33050606	751	19	59.81	7.66	1.72
chrX	33051907	33053243	1337	34	107.62	11.5	0.89
chrX	33053754	33055128	1375	31	86.91	9.96	1.12
chrX	33060830	33061565	736	17	55.03	6.9	1.88
chrX	33062639	33063521	883	20	61.11	8.43	1.73
chrX	33082380	33083932	1553	39	113.64	9.2	0.87
chrX	33092025	33092821	797	18	56.12	6.9	1.86
chrX	33093662	33094578	917	23	76.29	7.66	1.27
chrX	33094583	33095966	1384	33	97.73	6.9	1.02
chrX	33118510	33123006	4497	147	531.76	11.5	0.08
chrX	33123195	33125999	2805	82	270	9.96	0.3
chrX	33127802	33128602	801	17	50.13	6.13	2.13
chrX	33132036	33133349	1314	36	122.28	9.2	0.78
chrX	33137713	33139020	1308	28	75.08	6.9	1.32
chrX	33139305	33140095	791	17	50.85	5.37	2.07
chrX	33140289	33141392	1104	29	97.15	9.96	1.02
chrX	33145451	33146239	789	17	50.99	7.66	2.07
chrX	33146287	33148970	2684	83	289.1	12.26	0.29
chrX	33151152	33152150	999	22	63.85	8.43	1.61
chrX	33155555	33156721	1167	29	91.63	7.66	1.09
chrX	33162228	33163041	814	18	54.83	5.37	1.89
chrX	33164697	33166771	2075	52	154.17	8.43	0.49
chrX	33168658	33171787	3130	87	264.76	9.2	0.33
chrX	33174969	33175666	698	17	58.17	9.2	1.79
chrX	33176215	33177334	1120	28	89.53	7.66	1.1
chrX	33178192	33180491	2300	56	153.7	10.73	0.49
chrX	33183625	33184700	1076	23	63.9	6.9	1.61
chrX	33184892	33187499	2608	77	256.75	9.96	0.32
chrX	33217012	33218638	1627	37	102.09	7.66	0.98
chrX	33219173	33220333	1161	31	104.6	8.43	0.93
chrX	33221747	33223861	2115	49	127.88	7.66	0.68
chrX	33224300	33225325	1026	21	56.48	6.13	1.87
chrX	33225512	33226428	917	22	70.21	6.13	1.47
chrX	33226649	33230264	3616	104	327.42	10.73	0.21
chrX	33231070	33232577	1508	36	105.46	9.2	0.92
chrX	33233155	33235386	2232	67	235.21	8.43	0.32
chrX	33237083	33238544	1462	40	127.63	8.43	0.68
chrX	33248901	33249743	843	19	58.39	6.9	1.77
chrX	33249865	33250915	1051	23	60.17	10.73	1.72
chrX	33251256	33252201	946	25	86.25	11.5	1.11
chrX	33252337	33253175	839	19	58.7	6.13	1.75
chrX	33254720	33255617	898	26	97.51	8.43	1.02
chrX	33256179	33257185	1007	23	68.95	7.66	1.49
chrX	33257648	33259083	1436	39	130.04	7.66	0.66
chrX	33261745	33262467	723	16	50.19	5.37	2.13
chrX	33263329	33264289	961	23	72.59	8.43	1.41

chrX	33265967	33268354	2388	64	194.31	8.43	0.47
chrX	33268967	33269979	1013	21	57.35	6.9	1.83
chrX	33270331	33270999	669	17	60.72	9.2	1.73
chrX	33271587	33274145	2559	74	241.93	10.73	0.33
chrX	33274302	33276134	1833	46	132.36	6.9	0.63
chrX	33277305	33279145	1841	46	131.71	7.66	0.62
chrX	33279362	33281362	2001	49	136.53	9.2	0.59
chrX	33284900	33290807	5908	158	444.8	11.5	0.12
chrX	33291093	33292579	1487	40	131.66	9.96	0.62
chrX	33295531	33298129	2599	87	333.64	11.5	0.22
chrX	33298207	33299490	1284	40	145.3	9.96	0.56
chrX	33303680	33309281	5602	196	744.48	13.8	0.12
chrX	33309331	33314663	5333	236	1103.61	19.93	0
chrX	33314883	33315996	1114	27	78.08	7.66	1.26
chrX	33317228	33320110	2883	96	350.28	10.73	0.23
chrX	33322826	33324279	1454	52	218.84	14.56	0.32
chrX	33324775	33325908	1134	24	65.33	6.9	1.54
chrX	33326137	33331617	5481	165	528.73	13.03	0.08
chrX	33332497	33333338	842	21	70.44	6.13	1.47
chrX	33333550	33337237	3688	100	295.55	9.96	0.22
chrX	33337461	33339351	1891	52	170.45	8.43	0.48
chrX	33340183	33341438	1256	38	141.44	8.43	0.58
chrX	33341763	33344410	2648	63	161.44	8.43	0.47
chrX	33349181	33350677	1497	35	100.51	7.66	1.02
chrX	33350772	33353534	2763	74	210.72	9.2	0.36
chrX	33354395	33355479	1085	21	52.71	9.96	1.97
chrX	33364626	33366155	1530	35	92.39	7.66	1.09
chrX	33367579	33368743	1165	31	104.23	11.5	0.92
chrX	33371441	33372291	851	18	52.14	6.13	2.03
chrX	33374512	33375293	782	17	51.51	5.37	2.05
chrX	33376553	33377879	1327	31	90.54	8.43	1.11
chrX	33385148	33385816	669	17	60.72	6.9	1.73
chrX	33386163	33386845	683	16	53.34	6.13	1.98
chrX	33404028	33405768	1741	39	110.56	6.13	0.87
chrX	33411905	33412948	1044	22	60.65	6.9	1.72
chrX	33413214	33415785	2572	72	227.8	8.43	0.34
chrX	33415872	33416520	649	16	50.1	8.43	2.14
chrX	33419342	33420625	1284	30	88.09	9.96	1.1
chrX	33422606	33423454	849	18	52.28	5.37	2.02
chrX	33455622	33456902	1281	26	66.2	8.43	1.52
chrX	33458946	33460073	1128	24	56.33	6.1	1.87
chrX	33480796	33481578	783	17	51.43	7.66	2.06
chrX	33492202	33493050	849	20	63.79	6.9	1.61
chrX	33495942	33497444	1503	38	111.78	9.2	0.85
chrX	33498690	33499494	805	18	55.51	6.9	1.88
chrX	33499565	33500963	1399	41	146.77	13.8	0.57
chrX	33501430	33502254	825	18	54.01	6.13	1.95
chrX	33517412	33518155	744	17	54.4	6.9	1.92
chrX	33518195	33519009	815	19	60.58	8.43	1.72
chrX	33523799	33524676	878	22	73.5	9.2	1.38
chrX	33531817	33532613	797	18	56.12	10.73	1.86

chrX	33533450	33534343	894	21	66.11	6.9	1.52
chrX	33534381	33535271	891	20	54.86	6.13	1.88
chrX	33538523	33539992	1470	32	74.92	6.9	1.35
chrX	33547022	33547869	848	18	52.35	8.43	2.01
chrX	33561778	33562805	1028	20	51.11	8.43	2.06
chrX	33568417	33570037	1621	46	157.58	12.26	0.48
chrX	33582764	33584187	1424	35	100.41	6.9	1.01
chrX	33593220	33594678	1459	34	91.98	7.66	1.1
chrX	33594859	33596152	1294	29	81.62	7.66	1.17
chrX	33600761	33602460	1700	38	96.84	8.43	1.01
chrX	33616159	33616909	751	17	53.85	7.66	1.95
chrX	33621004	33621808	805	18	55.51	8.43	1.88
chrX	33623675	33624822	1148	26	75.47	7.66	1.3
chrX	33626973	33628777	1805	44	122.86	9.2	0.79
chrX	33646983	33648949	1967	64	243.58	9.96	0.33
chrX	33663418	33664085	668	17	60.81	9.2	1.71
chrX	33665568	33666633	1066	24	70.22	6.9	1.47
chrX	33672083	33673363	1281	26	66.2	8.43	1.52
chrX	33674576	33675563	988	23	70.43	7.66	1.47
chrX	33680739	33681892	1154	25	69.42	9.96	1.49
chrX	33697941	33699282	1342	32	95.2	9.96	1.04
chrX	33700501	33701482	982	20	54.06	6.9	1.95
chrX	33702785	33703758	974	25	83.71	7.66	1.14
chrX	33707183	33709058	1876	52	165.48	13.8	0.49
chrX	33709654	33710375	722	16	50.26	6.9	2.13
chrX	33712334	33713760	1427	36	112.12	11.5	0.86
chrX	33725387	33726986	1600	38	104.11	6.13	0.92
chrX	33727009	33728725	1717	42	112.37	6.9	0.86
chrX	33732458	33733380	923	20	58.14	8.43	1.78
chrX	33736765	33737682	918	19	52.98	6.13	1.98
chrX	33749210	33750600	1391	32	85.74	9.2	1.11
chrX	33753181	33754644	1464	40	133.81	10.73	0.63
chrX	33760721	33761750	1030	24	72.98	6.9	1.4
chrX	33774476	33777145	2670	71	206.53	8.43	0.35
chrX	33777415	33779157	1743	50	171.78	7.66	0.46
chrX	33780470	33784315	3846	138	537.82	19.16	0.08
chrX	33784700	33785806	1107	23	61.77	9.96	1.7
chrX	33785836	33786947	1112	24	61.43	8.43	1.71
chrX	33790225	33791281	1057	24	70.9	6.9	1.46
chrX	33796997	33798240	1244	29	85.39	7.66	1.1
chrX	33802907	33804218	1312	31	91.72	9.96	1.09
chrX	33818796	33819698	903	19	54.01	6.9	1.95
chrX	33826116	33826892	777	18	57.69	6.13	1.83
chrX	33832659	33833448	790	18	56.66	6.13	1.87
chrX	33834094	33834773	680	20	79.52	8.43	1.21
chrX	33835221	33837063	1843	40	97.84	7.66	1.02
chrX	33837724	33841447	3724	109	349.32	10.73	0.23
chrX	33855643	33856622	980	21	59.63	6.13	1.73
chrX	33865586	33866390	805	18	55.51	6.13	1.88
chrX	33868978	33872369	3392	105	356.49	9.96	0.24
chrX	33872872	33873910	1039	25	78.17	7.66	1.26

chrX	33873921	33875321	1401	33	96.39	7.66	1.02
chrX	33882661	33883700	1040	24	72.2	6.13	1.4
chrX	33886733	33889746	3014	80	231.74	8.43	0.34
chrX	33900110	33901115	1006	32	120.29	16.86	0.86
chrX	33901893	33903105	1213	30	93.82	7.66	1.07
chrX	33905873	33907771	1899	44	115.75	6.9	0.87
chrX	33908103	33908747	645	16	56.56	6.13	1.87
chrX	33910476	33911864	1389	34	103.24	6.9	0.93
chrX	33913445	33916424	2980	87	278.91	11.5	0.28
chrX	33925949	33931047	5099	141	449.17	10.73	0.13
chrX	33933910	33938007	4098	109	314.91	9.96	0.24
chrX	33940287	33941142	856	19	57.41	6.13	1.83
chrX	33942232	33943300	1069	22	58.96	6.13	1.76
chrX	33948553	33949335	783	17	51.43	5.37	2.06
chrX	33976473	33977301	829	18	53.72	6.9	1.96
chrX	33984095	33984805	711	17	57.07	6.13	1.86
chrX	33985949	33987268	1320	32	96.97	7.66	1.01
chrX	33990019	33992837	2819	71	194.16	9.2	0.47
chrX	33995909	33997253	1345	30	83.49	7.66	1.15
chrX	33997764	33999237	1474	36	108.2	7.66	0.88
chrX	34003583	34004314	732	17	55.35	6.9	1.88
chrX	34005004	34006213	1210	29	88.08	8.43	1.1
chrX	34010672	34011452	781	19	63.38	6.13	1.62
chrX	34012210	34014896	2687	61	147.63	6.9	0.56
chrX	34022680	34023859	1180	29	90.54	7.66	1.11
chrX	34035790	34036735	946	19	51.11	8.43	2.06
chrX	34048782	34049472	691	17	58.77	7.66	1.75
chrX	34050164	34052361	2198	57	167.92	7.66	0.47
chrX	34055752	34057123	1372	34	104.65	7.66	0.93
chrX	34067116	34067861	746	17	54.24	9.96	1.95
chrX	34077206	34078125	920	21	64.06	6.13	1.6
chrX	34084053	34086555	2503	70	221.52	13.03	0.33
chrX	34086686	34089439	2754	79	255.44	9.2	0.32
chrX	34089751	34094081	4331	111	295.49	9.96	0.22
chrX	34094255	34095398	1144	22	54.19	7.66	1.94
chrX	34098477	34100005	1529	38	109.66	7.66	0.88
chrX	34103260	34104616	1357	28	71.77	10.73	1.42
chrX	34109428	34113792	4365	133	443.24	13.03	0.12
chrX	34113794	34115977	2184	61	194.04	8.43	0.47
chrX	34118263	34119843	1581	38	105.57	7.66	0.92
chrX	34122531	34125279	2749	66	182.24	9.2	0.47
chrX	34126699	34128101	1403	34	102.1	7.66	0.97
chrX	34136433	34142653	6221	188	612.55	12.26	0.09
chrX	34142888	34143752	865	22	74.64	6.9	1.35
chrX	34144868	34146125	1258	28	73.1	6.9	1.4
chrX	34153890	34158527	4638	139	435.54	9.2	0.12
chrX	34159401	34167809	8409	259	834.13	13.8	0.13
chrX	34168715	34170169	1455	35	97.99	8.43	1.02
chrX	34176501	34178661	2161	53	147.2	8.43	0.57
chrX	34180759	34184950	4192	122	381.65	8.43	0.21
chrX	34188349	34190235	1887	48	139.84	7.66	0.58

chrX	34190527	34191232	706	17	57.49	6.13	1.83
chrX	34197185	34201275	4091	105	279.62	9.96	0.28
chrX	34201624	34204064	2441	60	160.05	6.9	0.47
chrX	34204647	34206741	2095	49	123.77	6.9	0.75
chrX	34207028	34210371	3344	89	252.05	10.73	0.34
chrX	34210525	34213028	2504	84	287.02	10.84	0.29
chrX	34213868	34215288	1421	35	106.58	7.66	0.93
chrX	34215471	34216937	1467	43	153.18	12.26	0.5
chrX	34217880	34218761	882	20	61.19	8.43	1.71
chrX	34219497	34221678	2182	62	200.63	9.96	0.42
chrX	34221782	34223269	1488	46	164.51	9.2	0.48
chrX	34239044	34241674	2631	65	174.12	9.2	0.45
chrX	34244539	34246584	2046	50	138.8	9.2	0.57
chrX	34255639	34257807	2169	52	135.12	8.43	0.59
chrX	34259088	34260377	1290	30	87.62	6.9	1.12
chrX	34273356	34275711	2356	60	166.77	7.66	0.47
chrX	34276119	34277042	924	19	52.57	6.13	1.99
chrX	34277609	34278441	833	19	59.16	6.13	1.75
chrX	34282419	34283199	781	17	51.58	7.66	2.04
chrX	34291230	34293103	1874	54	178.53	9.2	0.46
chrX	34293708	34296766	3059	87	271.34	10.73	0.27
chrX	34297972	34299047	1076	25	75.22	6.13	1.31
chrX	34300802	34301696	895	19	54.57	6.13	1.91
chrX	34320707	34321673	967	23	72.1	6.9	1.4
chrX	34339802	34340759	958	21	61.21	6.13	1.71
chrX	34349732	34350578	847	22	76.26	6.9	1.28
chrX	34385336	34386102	767	21	77.35	8.43	1.28
chrX	34386545	34387282	738	17	54.87	6.9	1.88
chrX	34388313	34389317	1005	26	87.21	6.9	1.12
chrX	34393127	34394407	1281	32	94.2	8.43	1.08
chrX	34448663	34450568	1906	47	132.38	10.73	0.63
chrX	34456031	34456744	714	16	50.88	6.9	2.07
chrX	34464344	34465141	798	20	68.08	7.66	1.51
chrX	34479419	34480871	1453	39	128.46	7.66	0.65
chrX	34494463	34495058	596	17	67.4	9.96	1.53
chrX	34545715	34548350	2636	75	240.96	11.5	0.33
chrX	34554459	34556553	2095	47	129.35	9.96	0.66
chrX	34556714	34557984	1271	30	89.1	6.9	1.09
chrX	34565490	34566213	724	16	50.11	7.66	2.14
chrX	34568178	34569091	914	20	58.79	7.66	1.75
chrX	34570348	34572284	1937	44	113	7.66	0.86
chrX	34573713	34575932	2220	61	190.7	9.2	0.47
chrX	34577551	34578248	698	17	58.17	6.13	1.79
chrX	34582117	34582932	816	21	72.74	6.9	1.41
chrX	34586175	34587364	1190	26	72.39	7.66	1.41
chrX	34587457	34588373	917	23	76.29	7.66	1.27
chrX	34589648	34591370	1723	43	129.49	8.43	0.66
chrX	34594989	34597041	2053	53	150.01	9.2	0.53
chrX	34597124	34598302	1179	31	90.62	6.9	1.11
chrX	34606217	34607187	971	21	60.27	5.37	1.73
chrX	34610553	34611296	744	17	54.4	6.13	1.92

chrX	34620490	34621941	1452	34	92.5	6.9	1.09
chrX	34622933	34623741	809	20	67.12	5.37	1.53
chrX	34628802	34629720	919	20	58.43	7.66	1.77
chrX	34635609	34636459	851	19	57.78	6.9	1.8
chrX	34641785	34642528	744	17	54.4	6.13	1.92
chrX	34644293	34645108	816	19	60.5	5.37	1.72
chrX	34648670	34649752	1083	21	52.83	7.66	1.98
chrX	34650613	34651817	1205	27	76.9	7.66	1.27
chrX	34652932	34653778	847	20	63.95	6.9	1.62
chrX	34653951	34655148	1198	29	89.05	7.66	1.09
chrX	34655918	34660637	4720	179	731.49	13.8	0.11
chrX	34666266	34670469	4204	130	446.63	10.73	0.13
chrX	34670585	34671559	975	25	77.46	10.73	1.28
chrX	34671908	34673339	1432	41	143.42	15.33	0.58
chrX	34676053	34676844	792	17	50.78	6.9	2.07
chrX	34677814	34678550	737	17	54.95	6.13	1.88
chrX	34678564	34679500	937	25	80.75	7.66	1.19
chrX	34685705	34686721	1017	23	68.19	7.66	1.5
chrX	34689337	34690215	879	20	61.42	6.9	1.71
chrX	34690569	34691912	1344	34	107.02	8.43	0.89
chrX	34692500	34694193	1694	46	150.6	7.66	0.53
chrX	34694537	34696965	2429	67	203.08	7.66	0.4
chrX	34701404	34703452	2049	60	200.58	10.73	0.42
chrX	34704520	34705626	1107	23	61.77	7.66	1.7
chrX	34729069	34730524	1456	36	109.68	10.73	0.88
chrX	34740574	34741337	764	17	52.85	7.66	1.98
chrX	34747105	34748337	1233	28	80.49	8.43	1.18
chrX	34748740	34749513	774	17	52.1	5.37	2.03
chrX	34771587	34773106	1520	32	76.92	7.66	1.27
chrX	34773231	34774795	1565	40	124.7	7.66	0.71
chrX	34775451	34776735	1285	28	76.69	9.2	1.27
chrX	34782983	34783776	794	17	50.63	6.13	2.1
chrX	34795053	34796516	1464	38	121.2	9.96	0.85
chrX	34812614	34813483	870	19	56.37	6.13	1.87
chrX	34814299	34815118	820	18	54.38	6.13	1.93
chrX	34816736	34817700	965	22	66.4	7.66	1.52
chrX	34823506	34824349	844	19	58.31	6.13	1.78
chrX	34834914	34836820	1907	49	144.18	7.66	0.56
chrX	34839643	34840443	801	17	50.13	6.13	2.13
chrX	34840934	34841797	864	22	74.73	7.66	1.35
chrX	34849720	34850466	747	17	54.16	6.9	1.95
chrX	34862607	34863302	696	16	52.29	6.9	2.02
chrX	34871100	34871886	787	18	56.9	6.9	1.88
chrX	34893282	34894075	794	18	56.35	6.9	1.87
chrX	34895211	34896087	877	19	55.86	7.66	1.86
chrX	34905665	34906698	1034	26	84.66	7.66	1.14
chrX	34912882	34913680	799	18	55.97	6.13	1.86
chrX	34917776	34918568	793	17	50.71	6.9	2.07
chrX	34943795	34944581	787	21	75.43	6.9	1.31
chrX	34949074	34949900	827	18	53.87	6.9	1.95
chrX	34974351	34976156	1806	42	111.37	6.13	0.85

chrX	34980582	34981417	836	21	70.97	9.96	1.46
chrX	34989247	34991376	2130	56	167.67	9.2	0.47
chrX	34999222	35000425	1204	27	76.97	6.13	1.27
chrX	35000760	35002846	2087	52	141.39	9.96	0.58
chrX	35010432	35011872	1441	38	117.03	7.66	0.86
chrX	35012057	35013257	1201	28	77.2	6.9	1.27
chrX	35013284	35014719	1436	35	93.7	6.9	1.07
chrX	35034591	35035505	915	21	64.45	7.66	1.57
chrX	35036350	35037392	1043	26	83.88	7.66	1.14
chrX	35037832	35039048	1217	26	70.49	7.66	1.47
chrX	35041123	35041992	870	18	50.82	8.43	2.07
chrX	35057512	35058287	776	17	51.95	6.9	2.03
chrX	35063245	35064306	1062	22	59.42	6.13	1.73
chrX	35082514	35084751	2238	60	182.83	9.96	0.47
chrX	35096002	35097022	1021	29	105.08	6.9	0.93
chrX	35104713	35105891	1179	27	78.85	7.66	1.23
chrX	35109686	35110714	1029	20	51.04	6.9	2.08
chrX	35113814	35114571	758	18	59.23	5.37	1.74
chrX	35117159	35119374	2216	62	197.41	8.43	0.46
chrX	35120840	35122639	1800	56	206.35	9.2	0.35
chrX	35126984	35128129	1146	23	59.2	7.66	1.74
chrX	35129841	35130863	1023	24	73.53	7.66	1.38
chrX	35139977	35140682	706	16	51.5	6.13	2.05
chrX	35148733	35149528	796	20	68.25	6.9	1.5
chrX	35152553	35153384	832	18	53.5	6.13	1.97
chrX	35158704	35161981	3278	84	227.69	7.66	0.34
chrX	35162728	35163487	760	17	53.16	6.13	1.97
chrX	35179742	35180522	781	17	51.58	6.9	2.04
chrX	35182070	35182931	862	19	56.96	6.13	1.88
chrX	35184518	35186355	1838	45	126.09	7.66	0.7
chrX	35192267	35194873	2607	82	297.44	10.73	0.23
chrX	35198463	35203945	5483	164	521.96	10.73	0.08
chrX	35204875	35211239	6365	199	657.82	13.03	0.1
chrX	35220711	35221505	795	17	50.56	6.13	2.11
chrX	35226968	35230420	3453	95	285.52	11.5	0.29
chrX	35247524	35248442	919	24	82.37	7.66	1.16
chrX	35248778	35249817	1040	22	60.93	7.66	1.72
chrX	35250137	35251789	1653	44	141.73	9.2	0.59
chrX	35251924	35253283	1360	30	82.41	6.9	1.16
chrX	35255381	35256273	893	20	60.35	6.9	1.73
chrX	35256288	35257447	1160	28	80.31	7.66	1.19
chrX	35260869	35261862	994	22	64.22	6.9	1.59
chrX	35263336	35264974	1639	37	95.66	7.66	1.04
chrX	35265339	35266455	1117	23	61.1	7.66	1.73
chrX	35277346	35278224	879	20	61.42	6.13	1.71
chrX	35283434	35284137	704	16	51.66	6.9	2.04
chrX	35285702	35286874	1173	30	97.24	10.73	1.02
chrX	35287520	35288370	851	19	57.78	6.9	1.8
chrX	35291603	35292378	776	17	51.95	6.9	2.03
chrX	35310951	35311987	1037	21	55.75	6.9	1.86
chrX	35320742	35322273	1532	40	121.43	9.2	0.84

chrX	35322661	35323431	771	17	52.32	6.9	2.01
chrX	35327861	35330455	2595	65	188.74	7.66	0.46
chrX	35333922	35334722	801	17	50.13	8.43	2.13
chrX	35336098	35337692	1595	40	116.16	8.43	0.87
chrX	35338363	35339483	1121	22	55.6	7.66	1.86
chrX	35341587	35342615	1029	24	73.06	7.66	1.4
chrX	35342625	35343536	912	34	146.42	15.33	0.57
chrX	35344583	35345706	1124	25	71.58	6.9	1.42
chrX	35348247	35349072	826	20	65.68	5.37	1.52
chrX	35350031	35352003	1973	53	162.95	8.43	0.48
chrX	35358827	35359840	1014	23	68.42	7.66	1.51
chrX	35359913	35360677	765	17	52.78	5.37	1.97
chrX	35364089	35364996	908	22	70.95	6.9	1.46
chrX	35380029	35380729	701	17	57.92	8.43	1.81
chrX	35395273	35397479	2207	56	161.16	9.96	0.47
chrX	35398483	35400364	1882	58	211.19	13.03	0.36
chrX	35400480	35401722	1243	28	79.74	12.26	1.21
chrX	35402598	35403383	786	17	51.21	6.13	2.05
chrX	35406890	35408686	1797	38	90.34	7.66	1.11
chrX	35409659	35410868	1210	26	70.98	8.43	1.45
chrX	35411510	35412803	1294	30	87.31	8.43	1.12
chrX	35413405	35415134	1730	42	117.13	7.66	0.86
chrX	35425098	35426034	937	22	68.59	6.9	1.49
chrX	35429249	35430428	1180	27	78.77	6.9	1.23
chrX	35436037	35436735	699	16	52.05	6.13	2.03
chrX	35441903	35442694	792	17	50.78	7.66	2.07
chrX	35443729	35444813	1085	29	98.89	10.73	1.02
chrX	35445168	35446110	943	20	56.72	7.66	1.87
chrX	35446382	35447213	832	18	53.5	6.9	1.97
chrX	35448250	35449746	1497	41	130.74	11.5	0.63
chrX	35450159	35453919	3761	106	320.17	13.03	0.25
chrX	35454277	35455589	1313	37	128.88	11.5	0.65
chrX	35458694	35460099	1406	35	107.83	9.96	0.89
chrX	35460230	35461331	1102	24	67.58	6.13	1.51
chrX	35463352	35464532	1181	27	78.7	6.9	1.24
chrX	35465351	35466609	1259	32	96	8.43	1.02
chrX	35467716	35468974	1259	27	73.03	8.43	1.4
chrX	35475505	35479545	4041	109	313.74	9.96	0.24
chrX	35522738	35523493	756	17	53.46	6.9	1.97
chrX	35524361	35525285	925	20	58	7.66	1.8
chrX	35526390	35531395	5006	143	451.62	10.73	0.13
chrX	35533431	35534364	934	23	74.84	9.2	1.35
chrX	35535324	35541541	6218	270	1241.79	16.1	0
chrX	35542971	35544662	1692	47	150.79	13.03	0.51
chrX	35545158	35547036	1879	65	261.38	13.8	0.32
chrX	35547134	35549138	2005	64	232.26	11.5	0.34
chrX	35550317	35554491	4175	148	570.15	15.33	0.08
chrX	35554838	35558868	4031	140	536.77	12.26	0.08
chrX	35559874	35561621	1748	45	139.51	7.66	0.57
chrX	35562216	35564696	2481	68	210.9	12.26	0.36
chrX	35564713	35567451	2739	90	317.5	14.56	0.24

chrX	35568771	35576048	7278	243	846.73	14.56	0.14
chrX	35576634	35577982	1349	35	112.74	10.73	0.86
chrX	35578700	35581337	2638	70	221.71	12.26	0.33
chrX	35586031	35586883	853	20	63.47	6.13	1.6
chrX	35587224	35589565	2342	76	271.29	10.73	0.3
chrX	35590801	35595086	4286	117	341.4	9.2	0.22
chrX	35596500	35597473	974	22	65.71	6.13	1.52
chrX	35732723	35736399	3677	114	387.29	12.26	0.21
chrX	35737180	35745364	8185	298	1156.11	18.4	0
chrX	35747837	35748649	813	18	54.91	6.13	1.88
chrX	35748957	35751618	2662	109	493.05	15.33	0.07
chrX	35751701	35753279	1579	41	123.5	8.43	0.76
chrX	35753517	35755379	1863	65	263.39	10.73	0.33
chrX	35755475	35756355	881	23	73.24	8.43	1.38
chrX	35757156	35758884	1729	53	186.59	12.26	0.48
chrX	35761259	35763264	2006	54	166.22	9.2	0.47
chrX	35763980	35765033	1054	23	65.46	6.13	1.54
chrX	35765836	35766979	1144	30	99.82	6.9	1.02
chrX	35788058	35788820	763	17	52.93	6.13	1.98
chrX	35798499	35799355	857	19	57.33	7.66	1.83
chrX	35857611	35858360	750	17	53.93	6.13	1.94
chrX	35886218	35887350	1133	25	70.93	6.13	1.46
chrX	36030049	36031066	1018	26	86.05	9.2	1.11
chrX	36031114	36032055	942	21	62.39	6.9	1.68
chrX	36056432	36057227	796	19	61.14	9.06	1.73
chrX	36068376	36069225	850	19	57.86	7.66	1.81
chrX	36076161	36076982	822	18	54.24	8.43	1.94
chrX	36080273	36080971	699	17	58.09	6.13	1.8
chrX	36085272	36086430	1159	24	58.38	7.66	1.77
chrX	36088114	36088908	795	17	50.56	6.13	2.11
chrX	36090436	36091465	1030	22	61.62	7.66	1.7
chrX	36096596	36098401	1806	43	117.03	6.13	0.86
chrX	36112102	36113624	1523	43	147.57	8.43	0.57
chrX	36115048	36117207	2160	61	189.91	9.2	0.46
chrX	36120129	36124240	4112	116	357.23	9.2	0.24
chrX	36124253	36125409	1157	31	98.66	8.43	1.02
chrX	36125530	36126357	828	18	53.79	6.13	1.96
chrX	36126417	36128454	2038	49	127.95	7.66	0.68
chrX	36135898	36137301	1404	35	102.02	7.66	0.98
chrX	36137658	36139014	1357	33	99.9	7.66	1.01
chrX	36139744	36141983	2240	73	268.77	12.26	0.33
chrX	36165375	36165928	554	17	74.32	9.96	1.36
chrX	36175798	36176796	999	23	69.57	6.9	1.47
chrX	36197443	36199452	2010	52	159.7	9.96	0.47
chrX	36201590	36202530	941	22	68.27	6.13	1.51
chrX	36207658	36208416	759	19	65.27	7.66	1.55
chrX	36259307	36260223	917	19	53.05	7.66	1.97
chrX	36264257	36265046	790	17	50.92	5.37	2.07
chrX	36265185	36266002	818	18	54.53	6.13	1.91
chrX	36267620	36269320	1701	39	102.28	6.9	0.97
chrX	36270295	36271349	1055	27	89.01	7.66	1.09

chrX	36285333	36286110	778	20	69.86	6.9	1.47
chrX	36286663	36288177	1515	41	122.9	8.43	0.79
chrX	36288654	36289522	869	19	56.44	6.13	1.87
chrX	36291497	36293519	2023	48	134.81	6.9	0.6
chrX	36315976	36316817	842	19	58.47	5.37	1.75
chrX	36356477	36357541	1065	23	64.67	6.13	1.57
chrX	36358620	36364778	6159	229	910.74	16.1	0.15
chrX	36364991	36365983	993	32	121.74	11.5	0.82
chrX	36366124	36366799	676	17	53.91	6.13	1.95
chrX	36373111	36373948	838	20	64.69	9.2	1.57
chrX	36374020	36375083	1064	22	54.01	8.43	1.95
chrX	36382107	36382886	780	17	51.65	6.13	2.04
chrX	36386675	36388239	1565	35	89.91	7.66	1.1
chrX	36388586	36389548	963	20	55.34	7.66	1.88
chrX	36391042	36393397	2356	65	203.45	8.43	0.4
chrX	36393601	36394367	767	18	52.63	6.13	1.97
chrX	36398549	36399333	785	18	57.06	5.37	1.86
chrX	36404167	36405954	1788	48	148.34	9.2	0.54
chrX	36408744	36410544	1801	57	213.19	13.03	0.37
chrX	36410725	36413545	2821	89	315.38	9.2	0.24
chrX	36414291	36415732	1442	38	123.16	10.73	0.77
chrX	36418229	36419914	1686	45	145.01	9.96	0.56
chrX	36420337	36422861	2525	72	238.74	9.2	0.32
chrX	36425380	36426802	1423	39	131.26	14.56	0.64
chrX	36431508	36432527	1020	25	79.74	9.2	1.21
chrX	36432898	36433774	877	21	67.49	7.66	1.51
chrX	36439726	36446193	6468	197	640.47	13.03	0.1
chrX	36448656	36450862	2207	84	361.71	12.26	0.24
chrX	36452356	36453643	1288	28	71.04	10.73	1.43
chrX	36464891	36466237	1347	31	89.01	9.2	1.09
chrX	36466905	36467788	884	20	61.04	6.9	1.72
chrX	36471104	36471917	814	18	54.83	6.13	1.89
chrX	36471924	36473102	1179	26	67.67	6.9	1.51
chrX	36473563	36474430	868	21	68.23	8.43	1.5
chrX	36528142	36532012	3871	104	304.07	8.43	0.23
chrX	36550037	36551129	1093	23	62.72	8.43	1.66
chrX	36554687	36555403	717	16	50.65	6.13	2.1
chrX	36575995	36576716	722	16	50.26	7.66	2.13
chrX	36591471	36592154	684	16	53.26	6.13	1.97
chrX	36687244	36688017	774	22	83.3	6.9	1.15
chrX	36694560	36695467	908	21	65	7.66	1.55
chrX	36695970	36696910	941	23	65.76	10.37	1.52
chrX	36697273	36698674	1402	44	73.73	7.51	1.38
chrX	36698851	36701586	2736	103	179.65	10.94	0.46
chrX	36702023	36703570	1548	48	77.74	7.51	1.27
chrX	36703606	36706297	2692	116	221.05	9.49	0.33
chrX	36706385	36708213	1829	62	112	7.11	0.86
chrX	36708240	36710931	2692	112	311.6	13.28	0.24
chrX	36760297	36761280	984	23	70.74	6.13	1.47
chrX	36777639	36778350	712	16	51.03	6.13	2.08
chrX	36800609	36801358	750	17	53.93	7.66	1.94

chrX	36882121	36883860	1740	56	182.37	9.49	0.47
chrX	36885281	36886468	1188	28	83.95	9.2	1.14
chrX	36928372	36929437	1066	26	81.95	6.9	1.16
chrX	36939499	36940875	1377	34	98.28	6.9	1.03
chrX	36957341	36958517	1177	25	67.81	8.43	1.5
chrX	37032441	37033138	698	16	52.13	6.13	2.03
chrX	37034110	37035635	1526	36	98.31	7.66	1.03
chrX	37069300	37070327	1028	21	56.34	8.43	1.87
chrX	37075158	37076361	1204	26	71.4	10.73	1.43
chrX	37085812	37087137	1326	30	84.89	9.2	1.15
chrX	37090003	37091249	1247	28	79.44	9.2	1.22
chrX	37103533	37104892	1360	32	93.78	6.9	1.07
chrX	37123405	37124539	1135	25	70.78	9.2	1.46
chrX	37126558	37127693	1136	24	65.2	7.66	1.56
chrX	37134488	37135314	827	19	59.63	8.43	1.72
chrX	37189618	37190527	910	19	53.53	6.9	1.97
chrX	37193808	37194729	922	19	52.71	5.37	1.97
chrX	37218131	37218953	823	18	54.16	6.9	1.95
chrX	37221182	37222028	847	19	58.09	6.9	1.8
chrX	37224312	37225097	786	18	56.98	6.9	1.87
chrX	37225289	37227662	2374	63	183.25	9.2	0.47
chrX	37269967	37270926	960	22	66.78	9.96	1.52
chrX	37274374	37275345	972	22	65.86	5.37	1.52
chrX	37326046	37326855	810	18	55.13	9.2	1.88
chrX	37341434	37342950	1517	33	77.11	6.13	1.27
chrX	37358805	37360509	1705	43	131	7.66	0.63
chrX	37376633	37378748	2116	58	187.65	10.73	0.46
chrX	37379935	37382237	2303	63	195.71	12.26	0.45
chrX	37383442	37384426	985	20	53.86	6.9	1.95
chrX	37401054	37401758	705	16	51.58	6.9	2.04
chrX	37407226	37408083	858	21	69.07	6.9	1.49
chrX	37423848	37424653	806	19	61.31	7.66	1.72
chrX	37437681	37438470	790	17	50.92	7.66	2.07
chrX	37460139	37462815	2677	72	218.21	8.43	0.32
chrX	37465420	37467023	1604	43	133.63	7.66	0.63
chrX	37512303	37513077	775	17	52.03	6.13	2.03
chrX	37525283	37526075	793	17	50.71	6.9	2.07
chrX	37554273	37555640	1368	32	87.43	6.13	1.12
chrX	37580894	37582077	1184	28	84.27	8.43	1.15
chrX	37613781	37616437	2657	70	207.65	10.73	0.36
chrX	37617504	37619025	1522	36	98.61	6.9	1.02
chrX	37619763	37620542	780	18	57.45	7.66	1.83
chrX	37632456	37633220	765	17	52.78	6.13	1.97
chrX	37640605	37641610	1006	24	74.9	6.9	1.36
chrX	37675027	37675849	823	18	54.16	6.13	1.95
chrX	37722211	37722991	781	18	57.37	6.9	1.82
chrX	37725979	37727400	1422	32	83.52	6.13	1.15
chrX	37731534	37732600	1067	22	59.09	6.9	1.75
chrX	37804690	37805569	880	18	50.14	5.37	2.14
chrX	37813772	37814548	777	18	57.69	7.66	1.83
chrX	37820870	37821819	950	20	56.23	8.43	1.87

chrX	37839774	37840986	1213	33	112.53	7.66	0.86
chrX	37853818	37854651	834	18	53.36	7.66	1.98
chrX	37875383	37876082	700	16	51.97	6.13	2.03
chrX	37892119	37893377	1259	30	90.05	8.43	1.11
chrX	37906018	37907034	1017	21	57.08	6.13	1.86
chrX	37916981	37921477	4497	129	397.49	13.03	0.16
chrX	37921569	37924865	3297	96	313.01	9.96	0.24
chrX	37925251	37927254	2004	49	136.29	9.2	0.59
chrX	37942107	37943852	1746	39	99.08	9.96	1.02
chrX	37944507	37945481	975	20	54.52	6.9	1.91
chrX	37957949	37958750	802	17	50.06	8.43	2.14
chrX	37988220	37988928	709	16	51.26	6.13	2.06
chrX	38011514	38012332	819	18	54.46	6.13	1.92
chrX	38028143	38029609	1467	34	91.39	6.9	1.09
chrX	38042520	38045409	2890	74	200.2	6.9	0.41
chrX	38051518	38052319	802	17	50.06	8.43	2.14
chrX	38052728	38053464	737	17	54.95	5.37	1.88
chrX	38063353	38064111	759	17	53.23	6.9	1.97
chrX	38067871	38068910	1040	22	60.93	6.13	1.72
chrX	38071643	38073033	1391	35	103.08	6.9	0.93
chrX	38074764	38076055	1292	29	81.76	5.37	1.17
chrX	38076173	38076998	826	18	53.94	7.66	1.94
chrX	38117909	38118713	805	18	55.51	5.37	1.88
chrX	38131937	38132715	779	17	51.73	6.9	2.04
chrX	38132782	38134252	1471	36	108.44	6.9	0.88
chrX	38140892	38141524	633	16	57.63	7.66	1.83
chrX	38152759	38153871	1113	24	66.8	10.73	1.53
chrX	38159172	38160143	972	21	60.2	6.13	1.72
chrX	38162279	38163304	1026	27	91.61	9.2	1.09
chrX	38163405	38164438	1034	38	160.65	10.73	0.47
chrX	38164545	38165188	644	16	50.51	6.13	2.1
chrX	38168582	38170693	2112	54	151.12	7.66	0.51
chrX	38170822	38173927	3106	85	242.09	9.96	0.33
chrX	38174518	38175870	1353	31	88.55	7.66	1.11
chrX	38178195	38179523	1329	32	96.24	6.9	1.02
chrX	38181823	38182537	715	18	62.91	6.9	1.63
chrX	38183719	38184565	847	20	63.95	8.43	1.62
chrX	38194015	38196645	2631	62	162.7	10.73	0.48
chrX	38201668	38205254	3587	89	232.33	8.43	0.34
chrX	38205553	38207192	1640	40	112.56	7.66	0.86
chrX	38209140	38209842	703	17	57.75	8.43	1.82
chrX	38210040	38210879	840	19	58.62	6.13	1.74
chrX	38213510	38214284	775	18	57.85	6.9	1.81
chrX	38226659	38227967	1309	33	103.91	9.2	0.92
chrX	38231968	38234181	2214	48	115.53	8.43	0.87
chrX	38235976	38237500	1525	32	76.6	7.66	1.28
chrX	38238723	38240905	2183	58	181.52	9.2	0.46
chrX	38246450	38247457	1008	20	52.37	10.73	2.01
chrX	38250444	38251295	852	18	52.07	6.9	2.04
chrX	38253219	38255417	2199	60	192.64	8.43	0.47
chrX	38255850	38257559	1710	44	130.58	8.43	0.63

chrX	38260110	38260932	823	18	54.16	8.43	1.95
chrX	38262857	38264234	1378	35	110.21	9.96	0.88
chrX	38264391	38265260	870	22	68.07	8.43	1.51
chrX	38266353	38267914	1562	38	107.04	7.66	0.9
chrX	38270681	38271483	803	19	61.55	6.9	1.7
chrX	38277386	38278198	813	20	66.78	8.43	1.52
chrX	38285261	38286288	1028	24	73.14	7.66	1.39
chrX	38288712	38289520	809	20	67.12	7.66	1.53
chrX	38290182	38291144	963	19	50.02	7.66	2.15
chrX	38291165	38292361	1197	31	95.17	6.9	1.04
chrX	38292775	38293810	1036	21	55.82	6.9	1.86
chrX	38294333	38295796	1464	41	140.27	9.2	0.58
chrX	38295920	38297691	1772	48	156.08	9.2	0.48
chrX	38300978	38302431	1454	37	115.91	6.9	0.87
chrX	38312414	38313337	924	24	81.92	8.43	1.16
chrX	38314155	38317425	3271	90	270.74	11.5	0.3
chrX	38317931	38318989	1059	23	65.1	8.43	1.56
chrX	38319037	38321245	2209	50	137.78	6.13	0.58
chrX	38322788	38326061	3274	111	425.72	9.2	0.12
chrX	38326084	38329468	3385	93	266.8	9.2	0.33
chrX	38331604	38332849	1246	24	58.11	9.2	1.78
chrX	38340551	38341909	1359	35	111.86	9.2	0.85
chrX	38351763	38355778	4016	108	303.72	9.2	0.23
chrX	38355823	38357237	1415	34	89.59	9.2	1.1
chrX	38363823	38365944	2122	54	156.25	7.66	0.48
chrX	38388545	38391843	3299	81	208.68	9.2	0.36
chrX	38403478	38405421	1944	47	129.4	8.43	0.66
chrX	38412334	38413771	1438	35	105.19	7.66	0.93
chrX	38416194	38421126	4933	150	491.57	11.5	0.07
chrX	38427628	38428924	1297	30	87.08	9.2	1.12
chrX	38441602	38442399	798	17	50.35	5.37	2.13
chrX	38445038	38445838	801	18	55.81	7.66	1.86
chrX	38446254	38447318	1065	25	76.08	6.13	1.28
chrX	38469041	38469992	952	22	67.4	8.43	1.53
chrX	38470856	38474136	3281	77	187.62	7.66	0.46
chrX	38479199	38480414	1216	26	70.56	9.2	1.47
chrX	38539426	38540304	879	18	50.21	6.13	2.13
chrX	38561162	38561908	747	18	60.14	6.9	1.72
chrX	38584911	38586501	1591	35	88.11	9.2	1.1
chrX	38608702	38609957	1256	28	73.24	9.2	1.38
chrX	38643933	38645976	2044	52	150.75	12.26	0.53
chrX	38648355	38649119	765	17	52.78	6.9	1.97
chrX	38649767	38650826	1060	25	76.48	6.13	1.27
chrX	38650864	38652762	1899	51	150.94	9.2	0.51
chrX	38653437	38655385	1949	54	177.79	9.96	0.46
chrX	38670033	38671251	1219	33	111.97	6.9	0.86
chrX	38672037	38672816	780	19	63.46	6.13	1.61
chrX	38672854	38674464	1611	41	126.86	8.43	0.67
chrX	38674603	38675434	832	18	53.5	8.43	1.97
chrX	38675838	38676843	1006	21	57.82	6.9	1.81
chrX	38680030	38681441	1412	34	95.53	6.13	1.03

chrX	38692370	38693437	1068	22	53.76	9.96	1.96
chrX	38693902	38695129	1228	30	92.57	9.96	1.09
chrX	38698358	38699406	1049	24	71.51	9.2	1.43
chrX	38700370	38701146	777	20	63.72	9.96	1.61
chrX	38707313	38708812	1500	35	94.58	6.13	1.07
chrX	38709403	38710133	731	17	55.43	6.9	1.88
chrX	38712397	38713949	1553	39	113.64	9.96	0.87
chrX	38719777	38720660	884	19	55.35	7.66	1.88
chrX	38727428	38728164	737	18	60.99	7.66	1.72
chrX	38738683	38739482	800	18	55.89	6.13	1.86
chrX	38744372	38745818	1447	37	110.43	8.43	0.87
chrX	38745852	38747808	1957	47	122.7	9.2	0.79
chrX	38764680	38765597	918	20	58.5	7.66	1.76
chrX	38777863	38778890	1028	24	73.14	6.13	1.39
chrX	38784930	38786459	1530	34	86.9	6.9	1.12
chrX	38787401	38788232	832	18	53.5	8.43	1.97
chrX	38788824	38789706	883	23	79.32	6.13	1.23
chrX	38799100	38800254	1155	26	74.95	8.43	1.34
chrX	38800257	38801037	781	18	51.58	7.66	2.04
chrX	38831802	38833159	1358	36	111.95	8.43	0.85
chrX	38836351	38837858	1508	38	111.37	6.9	0.85
chrX	38838475	38839193	719	17	56.41	7.66	1.87
chrX	38839601	38840379	779	19	63.55	7.66	1.61
chrX	38857569	38858568	1000	21	58.23	6.9	1.78
chrX	38865347	38866228	882	22	73.15	6.9	1.39
chrX	38866280	38869015	2736	78	244.29	9.2	0.33
chrX	38872952	38873778	827	18	53.87	6.9	1.95
chrX	38874192	38875014	823	20	65.93	7.66	1.51
chrX	38878425	38880677	2253	53	134.54	8.43	0.6
chrX	38881127	38882364	1238	34	116.61	9.96	0.87
chrX	38882744	38884493	1750	55	204.93	9.96	0.38
chrX	38887079	38888072	994	20	53.27	6.9	1.97
chrX	38976652	38977471	820	19	60.18	6.9	1.72
chrX	38980229	38982336	2108	61	207.87	13.8	0.36
chrX	38982447	38983919	1473	36	102.38	6.9	0.95
chrX	38984652	38985554	903	19	54.01	6.9	1.95
chrX	38985704	38986557	854	18	51.93	7.66	2.03
chrX	38989332	38990182	851	20	63.63	6.9	1.61
chrX	39000969	39001680	712	16	51.03	6.13	2.08
chrX	39010559	39012680	2122	71	275.41	10.73	0.28
chrX	39013344	39014752	1409	37	119.86	10.73	0.85
chrX	39016361	39017213	853	19	57.63	6.13	1.83
chrX	39017926	39019532	1607	55	221.7	11.5	0.33
chrX	39117709	39118569	861	259	1856.91	24.93	0
chrX	39128777	39129646	870	18	50.82	6.9	2.07
chrX	39130493	39131345	853	20	63.47	7.66	1.6
chrX	39146250	39147681	1432	36	111.69	12.26	0.85
chrX	39150799	39151770	972	24	77.71	9.96	1.27
chrX	39172782	39174246	1465	38	114.97	8.43	0.86
chrX	39174295	39175161	867	21	60.36	5.48	1.73
chrX	39184854	39185650	797	17	50.42	6.9	2.12

chrX	39211364	39214676	3313	136	611.61	17.63	0.09
chrX	39215928	39216697	770	17	52.4	5.37	2
chrX	39216986	39218395	1410	36	113.58	9.96	0.87
chrX	39220095	39220832	738	17	54.87	6.13	1.88
chrX	39220986	39223600	2615	65	199.09	9.96	0.44
chrX	39228603	39229292	690	17	58.86	8.43	1.75
chrX	39230356	39231300	945	23	73.91	6.9	1.38
chrX	39231503	39232919	1417	32	83.87	6.9	1.14
chrX	39233795	39234970	1176	25	67.88	7.66	1.51
chrX	39250138	39251789	1652	50	181.15	9.96	0.46
chrX	39252020	39252811	792	21	68.61	8.43	1.49
chrX	39264281	39265386	1106	34	123.25	9.2	0.77
chrX	39282863	39286301	3439	90	256.07	10.73	0.32
chrX	39288723	39289983	1261	31	95.84	7.66	1.01
chrX	39294051	39295392	1342	35	113.37	10.73	0.87
chrX	39301781	39302655	875	20	61.73	6.13	1.7
chrX	39302871	39305380	2510	68	208.27	8.43	0.36
chrX	39308178	39308973	796	18	56.2	6.13	1.87
chrX	39315560	39317019	1460	35	84.07	6.1	1.14
chrX	39318227	39319186	960	21	61.07	6.9	1.72
chrX	39320773	39321473	701	20	77.31	9.96	1.28
chrX	39322637	39325317	2681	65	187.64	9.2	0.46
chrX	39334070	39334891	822	18	54.24	6.13	1.94
chrX	39344134	39346045	1912	58	207.97	10.73	0.36
chrX	39346382	39348568	2187	63	206.63	12.26	0.35
chrX	39351223	39352240	1018	20	51.73	6.9	2.04
chrX	39357931	39361031	3101	75	218.46	13.03	0.32
chrX	39361921	39363524	1604	35	87.23	8.43	1.12
chrX	39370359	39371457	1099	23	62.31	6.13	1.68
chrX	39378249	39380135	1887	44	116.63	7.66	0.87
chrX	39380311	39387562	7252	207	609.71	13.8	0.09
chrX	39389588	39392453	2866	81	251.22	9.2	0.34
chrX	39392503	39394046	1544	40	120.4	8.43	0.86
chrX	39406837	39408400	1564	44	150.09	9.2	0.53
chrX	39408414	39409369	956	25	79.08	8.43	1.22
chrX	39415640	39419876	4237	114	327.28	9.96	0.21
chrX	39419970	39423050	3081	82	232.08	9.2	0.34
chrX	39424756	39426163	1408	33	90.11	7.66	1.11
chrX	39427513	39429489	1977	50	138.44	8.43	0.57
chrX	39430927	39431876	950	33	141.43	13.03	0.58
chrX	39432306	39433258	953	19	50.66	7.66	2.07
chrX	39438740	39440175	1436	35	105.35	8.43	0.92
chrX	39441834	39442685	852	18	52.07	6.9	2.04
chrX	39443342	39444696	1355	29	77.27	7.66	1.27
chrX	39445369	39450314	4946	129	345.7	9.96	0.23
chrX	39451997	39455281	3285	89	263.28	9.96	0.33
chrX	39457519	39458427	909	22	70.87	7.66	1.46
chrX	39463822	39466309	2488	63	173.79	8.43	0.45
chrX	39468541	39469606	1066	22	59.16	7.66	1.75
chrX	39479720	39480554	835	18	53.28	7.66	1.97
chrX	39480570	39483653	3084	86	250.18	9.96	0.34

chrX	39497922	39498878	957	27	98.21	7.66	1.03
chrX	39527362	39528171	810	18	55.13	5.37	1.88
chrX	39529311	39530274	964	22	66.47	5.37	1.52
chrX	39535605	39536691	1087	26	80.23	8.43	1.19
chrX	39554458	39555399	942	23	74.16	7.66	1.37
chrX	39558365	39559158	794	17	50.63	6.9	2.1
chrX	39560061	39560849	789	18	56.74	7.66	1.87
chrX	39562722	39563836	1115	26	78	6.9	1.27
chrX	39564003	39565048	1046	23	66.04	5.37	1.51
chrX	39568497	39569298	802	17	50.06	6.9	2.14
chrX	39573897	39574625	729	17	55.59	6.13	1.86
chrX	39574751	39576389	1639	41	112.63	8.43	0.86
chrX	39581009	39582067	1059	24	70.75	9.2	1.46
chrX	39582498	39583337	840	18	52.92	6.13	1.97
chrX	39589503	39593065	3563	89	239.99	8.43	0.33
chrX	39593634	39594443	810	20	67.04	6.13	1.53
chrX	39594683	39596589	1907	44	115.16	6.9	0.87
chrX	39596944	39597696	753	20	72.17	7.66	1.4
chrX	39597732	39599157	1426	38	112.2	8.43	0.86
chrX	39601126	39601967	842	18	52.78	7.66	1.97
chrX	39602097	39602886	790	17	50.92	6.9	2.07
chrX	39606891	39607683	793	20	68.52	9.2	1.49
chrX	39608295	39609083	789	17	50.99	6.13	2.07
chrX	39609159	39610073	915	23	70.37	9.2	1.47
chrX	39612605	39613606	1002	22	63.63	5.37	1.61
chrX	39615181	39616136	956	22	67.09	6.9	1.53
chrX	39617183	39618131	949	22	67.64	6.13	1.51
chrX	39618834	39619775	942	22	68.19	6.9	1.5
chrX	39621552	39622377	826	19	59.71	6.13	1.72
chrX	39623121	39624586	1466	33	85.91	8.43	1.11
chrX	39625079	39630734	5656	163	498.69	10.73	0.07
chrX	39631228	39633406	2179	52	134.38	8.43	0.62
chrX	39633427	39634879	1453	40	134.85	9.96	0.6
chrX	39636372	39637164	793	17	50.71	5.37	2.07
chrX	39638902	39641555	2654	77	252.18	9.2	0.31
chrX	39642737	39644822	2086	55	171.52	8.43	0.46
chrX	39645995	39647075	1081	22	58.16	6.9	1.78
chrX	39647729	39649993	2265	63	199.2	10.73	0.44
chrX	39651830	39653987	2158	56	165.26	7.66	0.48
chrX	39663783	39664577	795	17	50.56	6.9	2.11
chrX	39670309	39671076	768	17	52.55	7.66	1.98
chrX	39671843	39673450	1608	37	97.88	6.9	1.02
chrX	39673623	39674364	742	17	54.56	6.13	1.91
chrX	39674673	39675611	939	23	74.42	9.96	1.36
chrX	39676470	39677511	1042	26	83.97	6.13	1.14
chrX	39681639	39683867	2229	59	177.45	9.96	0.45
chrX	39684024	39684823	800	17	50.2	5.37	2.13
chrX	39684864	39687185	2322	64	193.99	8.43	0.47
chrX	39689753	39694666	4914	132	378.44	10.73	0.25
chrX	39697463	39698829	1367	32	93.23	9.96	1.06
chrX	39699400	39700432	1033	22	61.41	6.9	1.71

chrX	39701386	39702120	735	17	55.11	6.9	1.88
chrX	39703288	39703999	712	16	51.03	9.2	2.08
chrX	39704006	39706133	2128	59	180.23	9.2	0.46
chrX	39728582	39729367	786	18	56.98	5.37	1.87
chrX	39732284	39733727	1444	43	155.57	10.73	0.47
chrX	39735799	39736707	909	19	53.6	7.66	1.96
chrX	39737024	39737876	853	20	63.47	7.66	1.6
chrX	39738147	39741793	3647	105	337.34	9.96	0.22
chrX	39742073	39745630	3558	99	301.03	12.26	0.23
chrX	39746699	39748840	2142	52	137.15	6.9	0.58
chrX	39751891	39755154	3264	78	194.39	8.43	0.47
chrX	39755401	39757224	1824	42	110.05	9.2	0.88
chrX	39765361	39766509	1149	28	87.1	6.13	1.12
chrX	39770560	39771225	666	17	60.99	6.13	1.72
chrX	39771814	39772980	1167	26	74.06	6.9	1.38
chrX	39773847	39776218	2372	66	214.69	9.96	0.37
chrX	39777092	39778766	1675	40	109.85	7.66	0.88
chrX	39779299	39780109	811	18	55.06	6.13	1.88
chrX	39781607	39782883	1277	33	106.69	8.43	0.92
chrX	39794471	39795359	889	21	66.51	6.9	1.52
chrX	39841426	39842443	1018	20	51.73	8.43	2.04
chrX	39842572	39843239	668	16	54.58	6.13	1.9
chrX	39844314	39845234	921	19	52.78	6.13	1.97
chrX	39845336	39846583	1248	32	103.04	9.96	0.93
chrX	39847024	39851634	4611	133	418.71	13.03	0.11
chrX	39859274	39860146	873	19	56.15	6.13	1.87
chrX	39870394	39871534	1141	23	59.53	8.43	1.73
chrX	39872566	39873722	1157	28	86.44	8.43	1.12
chrX	39888194	39888939	746	17	54.24	7.66	1.95
chrX	39892812	39893672	861	23	81.36	9.2	1.17
chrX	39894581	39895686	1106	23	61.84	6.9	1.7
chrX	39897060	39898360	1301	27	70.17	9.96	1.47
chrX	39898409	39899181	773	17	52.17	6.9	2.04
chrX	39900267	39901924	1658	43	135.05	9.2	0.59
chrX	39903157	39904467	1311	35	116.17	10.73	0.87
chrX	39904819	39905630	812	19	60.82	8.43	1.71
chrX	39907126	39907885	760	17	53.16	6.9	1.97
chrX	39909096	39910128	1033	21	56.01	7.66	1.86
chrX	39912792	39914016	1225	31	98.88	8.43	1.02
chrX	39917973	39918897	925	22	69.55	8.43	1.48
chrX	39920627	39921399	773	17	52.17	6.13	2.04
chrX	39921422	39928965	7544	249	858.65	16.86	0.14
chrX	39929891	39931739	1849	59	207.9	8.43	0.36
chrX	39931778	39933946	2169	57	170.41	7.66	0.48
chrX	39934692	39946646	11955	458	1872.1	14.56	0
chrX	39947014	39953857	6844	227	811.96	13.03	0.13
chrX	39953873	39954820	948	34	141.69	9.96	0.59
chrX	39956857	39957815	959	20	55.61	7.66	1.86
chrX	40250309	40251694	1386	36	115.68	9.2	0.87
chrX	40317628	40318853	1226	30	92.73	6.13	1.08
chrX	40320699	40322599	1901	44	115.6	8.43	0.87

chrX	40324372	40328549	4178	129	442.61	10.73	0.12
chrX	40328850	40331034	2185	60	187.61	9.2	0.46
chrX	40336461	40339984	3524	129	519.63	14.56	0.07
chrX	40342288	40344321	2034	51	145.63	7.66	0.57
chrX	40346748	40348214	1467	42	146.53	7.66	0.57
chrX	40348496	40351304	2809	81	263.08	7.66	0.33
chrX	40357928	40359528	1601	42	133.89	9.2	0.62
chrX	40359597	40361615	2019	80	349.3	12.26	0.23
chrX	40362070	40364351	2282	54	143.62	9.96	0.58
chrX	40367939	40370830	2892	78	236.28	8.43	0.32
chrX	40372793	40373775	983	20	53.99	6.13	1.94
chrX	40373886	40374695	810	18	55.13	8.43	1.88
chrX	40374941	40376097	1157	33	117.98	10.73	0.85
chrX	40376155	40376883	729	19	61.68	7.66	1.7
chrX	40376936	40379675	2740	78	243.92	8.43	0.33
chrX	40384980	40386846	1867	60	226.78	9.96	0.34
chrX	40387321	40391205	3885	134	511	14.56	0.07
chrX	40391260	40393458	2199	58	167.84	6.9	0.47
chrX	40394249	40397466	3218	109	410.81	12.26	0.17
chrX	40397917	40398785	869	21	68.15	7.66	1.51
chrX	40399189	40400129	941	25	86.71	8.43	1.12
chrX	40400613	40403889	3277	97	321.57	8.43	0.21
chrX	40404791	40408704	3914	106	306.44	11.5	0.23
chrX	40408997	40409938	942	25	86.62	8.43	1.12
chrX	40414351	40415265	915	20	58.72	6.13	1.75
chrX	40415728	40416660	933	20	57.42	6.9	1.83
chrX	40416672	40417554	883	35	158.26	12.26	0.48
chrX	40417856	40418927	1072	25	75.53	8.43	1.3
chrX	40421327	40422092	766	17	52.7	6.13	1.97
chrX	40422198	40422973	776	17	51.95	5.37	2.03
chrX	40423070	40426632	3563	93	257.68	9.2	0.32
chrX	40426767	40430111	3345	99	334.56	8.43	0.22
chrX	40430792	40431705	914	22	70.45	7.66	1.47
chrX	40431821	40438039	6219	217	807.11	20.7	0.13
chrX	40438614	40440195	1582	39	117.22	8.43	0.85
chrX	40450109	40451679	1571	38	106.34	8.43	0.93
chrX	40452587	40453618	1032	21	56.08	6.9	1.86
chrX	40455919	40457474	1556	35	101.74	7.66	0.98
chrX	40464474	40465218	745	17	54.32	6.13	1.94
chrX	40477896	40478685	790	21	75.14	7.66	1.31
chrX	40485803	40486596	794	21	74.77	7.66	1.35
chrX	40489199	40490073	875	18	50.48	6.13	2.12
chrX	40498123	40499528	1406	38	126.45	8.43	0.69
chrX	40508502	40509702	1201	32	100.98	7.66	1.01
chrX	40522113	40522892	780	17	51.65	6.9	2.04
chrX	40523775	40524637	863	18	51.3	6.13	2.05
chrX	40549460	40550253	794	18	56.35	8.43	1.87
chrX	40550752	40552068	1317	30	85.57	7.66	1.1
chrX	40553608	40554324	717	16	50.65	6.9	2.1
chrX	40556059	40557711	1653	37	94.67	8.43	1.06
chrX	40561736	40564007	2272	53	138.73	9.96	0.57

chrX	40573236	40574801	1566	33	79.17	6.9	1.22
chrX	40580244	40581568	1325	33	102.55	9.96	0.95
chrX	40584413	40586104	1692	46	144.47	9.96	0.56
chrX	40586945	40588430	1486	33	84.51	6.13	1.14
chrX	40590557	40591372	816	18	54.68	6.13	1.91
chrX	40594040	40594956	917	19	53.05	6.13	1.97
chrX	40596132	40600221	4090	125	424.86	10.73	0.12
chrX	40604968	40607411	2444	66	201.73	9.2	0.42
chrX	40607426	40610177	2752	70	187.81	7.66	0.46
chrX	40612840	40614548	1709	40	107.29	7.66	0.9
chrX	40614615	40616126	1512	45	155.27	8.43	0.47
chrX	40618071	40618801	731	17	55.43	6.13	1.88
chrX	40619470	40621997	2528	73	238.45	9.96	0.32
chrX	40623122	40624478	1357	35	112.04	10.73	0.86
chrX	40624480	40625319	840	22	70.62	10.73	1.46
chrX	40625477	40626935	1459	37	109.43	7.66	0.88
chrX	40630568	40631432	865	19	56.74	5.37	1.87
chrX	40636131	40636946	816	19	60.5	5.37	1.72
chrX	40637520	40638371	852	18	52.07	5.37	2.04
chrX	40639776	40640942	1167	25	68.5	9.2	1.5
chrX	40642604	40643586	983	20	53.99	6.9	1.94
chrX	40654685	40655467	783	17	51.43	6.9	2.06
chrX	40657240	40658497	1258	31	96.09	8.43	1.02
chrX	40689748	40690621	874	18	50.55	8.43	2.11
chrX	40736736	40737479	744	17	54.4	6.13	1.92
chrX	40742827	40743798	972	21	60.2	9.2	1.72
chrX	40745391	40746208	818	18	54.53	7.66	1.91
chrX	40749660	40750464	805	19	61.39	6.13	1.71
chrX	40756775	40757524	750	17	53.93	5.37	1.94
chrX	40761818	40762722	905	23	77.35	9.96	1.28
chrX	40777020	40779147	2128	49	121.43	6.9	0.84
chrX	40819460	40820848	1389	33	91.54	6.9	1.09
chrX	40822992	40825388	2397	67	205.99	10.73	0.38
chrX	40825748	40827361	1614	44	138.98	12.26	0.57
chrX	40832318	40835606	3289	94	300.8	10.73	0.23
chrX	40837187	40837890	704	16	51.66	6.13	2.04
chrX	40837994	40839583	1590	37	93.63	6.9	1.07
chrX	40853669	40854566	898	21	65.79	5.37	1.52
chrX	40856005	40856937	933	22	68.91	8.43	1.48
chrX	40858676	40859618	943	22	68.11	7.66	1.51
chrX	40860346	40863183	2838	99	391.75	12.26	0.16
chrX	40863839	40866362	2524	117	573.48	13.03	0.08
chrX	40867415	40869302	1888	52	164.37	9.96	0.48
chrX	40869407	40870612	1206	36	126.35	9.96	0.69
chrX	40871508	40873500	1993	57	186.48	9.2	0.48
chrX	40879386	40884150	4765	123	336.85	8.43	0.22
chrX	40885986	40887636	1651	40	111.7	7.66	0.85
chrX	40892932	40893844	913	21	64.61	6.9	1.57
chrX	40894064	40896971	2908	79	241.07	8.43	0.33
chrX	40897733	40899417	1685	50	177.68	13.03	0.46
chrX	40900705	40902604	1900	46	127.04	8.43	0.68

chrX	40902672	40903451	780	17	51.65	5.37	2.04
chrX	40907646	40908482	837	21	70.88	7.66	1.46
chrX	40910131	40912778	2648	72	214.59	8.43	0.37
chrX	40913224	40914575	1352	29	72.1	7.66	1.4
chrX	40915552	40917094	1543	39	120.49	10.73	0.86
chrX	40920180	40923308	3129	91	290.39	10.73	0.26
chrX	40928649	40929819	1171	26	73.77	8.43	1.38
chrX	40930266	40931762	1497	38	118.33	7.66	0.86
chrX	40932178	40936967	4790	134	395.63	9.96	0.16
chrX	40938216	40938889	674	16	54.08	6.13	1.95
chrX	40939413	40940263	851	19	57.78	6.9	1.8
chrX	40945259	40946317	1059	23	65.1	6.9	1.56
chrX	40946330	40949946	3617	108	346.81	9.2	0.23
chrX	40949977	40951198	1222	38	138.24	9.96	0.57
chrX	40952980	40954278	1299	31	92.75	10.73	1.08
chrX	40956655	40957509	855	20	63.31	9.2	1.62
chrX	40957595	40959063	1469	34	91.24	6.13	1.1
chrX	40959852	40960773	922	20	58.21	6.9	1.78
chrX	40963498	40965438	1941	50	147.35	8.43	0.57
chrX	40965836	40967186	1351	35	112.57	11.5	0.86
chrX	40967197	40972943	5747	151	410.29	9.96	0.17
chrX	40973402	40975928	2527	61	159.19	6.13	0.49
chrX	40977089	40980343	3255	90	272.19	10.73	0.27
chrX	40984800	40986298	1499	35	100.36	8.43	1.01
chrX	40989709	40991178	1470	35	96.84	8.43	1.01
chrX	40991902	40993147	1246	30	91.1	7.66	1.12
chrX	40997033	40997988	956	22	67.09	6.13	1.53
chrX	40998347	41000511	2165	51	129.81	6.9	0.66
chrX	41003820	41004746	927	20	57.85	6.13	1.81
chrX	41007085	41008441	1357	35	112.04	8.43	0.86
chrX	41009858	41013176	3319	101	350.66	9.2	0.23
chrX	41017472	41018265	794	18	56.35	6.9	1.87
chrX	41037325	41038567	1243	29	85.47	9.2	1.1
chrX	41039502	41043339	3838	108	325.69	11.5	0.21
chrX	41043482	41045446	1965	48	133.55	9.96	0.63
chrX	41049137	41050634	1498	41	130.65	10.73	0.63
chrX	41051663	41053007	1345	32	94.96	9.96	1.05
chrX	41057599	41058404	806	20	67.38	8.43	1.53
chrX	41073019	41074003	985	24	76.62	9.2	1.28
chrX	41080497	41083290	2794	79	258.05	8.43	0.32
chrX	41110454	41112412	1959	52	158	8.43	0.48
chrX	41114945	41115716	772	17	52.25	6.9	2.03
chrX	41125602	41126371	770	17	52.4	8.43	2
chrX	41131979	41133085	1107	25	72.85	7.66	1.4
chrX	41148765	41150963	2199	61	192.64	12.26	0.47
chrX	41152279	41153781	1503	37	111.78	6.9	0.85
chrX	41173027	41174208	1182	28	84.43	8.43	1.14
chrX	41176328	41178008	1681	39	109.39	8.43	0.88
chrX	41178772	41179760	989	21	59	6.9	1.75
chrX	41182356	41183572	1217	26	70.49	6.9	1.47
chrX	41183798	41184597	800	17	50.2	6.13	2.13

chrX	41197550	41198469	920	21	64.06	6.9	1.6
chrX	41198537	41199331	795	18	50.56	6.13	2.11
chrX	41217154	41218067	914	20	58.79	5.37	1.75
chrX	41221386	41222473	1088	24	68.59	7.66	1.49
chrX	41223933	41224877	945	20	56.58	6.9	1.87
chrX	41228331	41229244	914	21	64.53	6.13	1.57
chrX	41230149	41232564	2416	56	139.4	9.2	0.57
chrX	41236025	41236934	910	21	64.84	9.2	1.57
chrX	41244238	41245934	1697	40	108.18	8.43	0.88
chrX	41252288	41253155	868	18	50.96	8.43	2.07
chrX	41256860	41257843	984	21	59.35	8.43	1.73
chrX	41261657	41262378	722	16	50.26	9.2	2.13
chrX	41268288	41269164	877	19	55.86	6.13	1.86
chrX	41282338	41283677	1340	33	101.3	9.2	1
chrX	41339112	41340066	955	22	67.17	6.13	1.53
chrX	41344214	41346083	1870	44	117.89	8.43	0.85
chrX	41361075	41361875	801	18	55.81	6.9	1.86
chrX	41370853	41372311	1459	38	121.64	7.66	0.84
chrX	41380580	41382619	2040	71	278.1	16.86	0.28
chrX	41387868	41389100	1233	30	92.16	7.66	1.09
chrX	41390584	41391498	915	19	53.18	6.9	1.97
chrX	41395812	41397059	1248	30	90.94	8.43	1.12
chrX	41397904	41398775	872	18	50.69	5.37	2.07
chrX	41399115	41401355	2241	60	182.57	10.73	0.47
chrX	41417749	41418639	891	20	60.51	5.37	1.73
chrX	41440401	41441365	965	23	72.27	9.96	1.41
chrX	41441404	41442396	993	29	101.24	8.43	1.01
chrX	41442435	41445499	3065	91	290.13	10.73	0.26
chrX	41453088	41454148	1061	26	82.36	8.43	1.16
chrX	41462630	41463588	959	20	55.61	6.13	1.86
chrX	41467437	41469133	1697	35	81.2	6.13	1.17
chrX	41486745	41488308	1564	40	118.71	7.66	0.86
chrX	41492774	41495445	2672	73	231.19	9.96	0.34
chrX	41501044	41503117	2074	55	166.4	6.9	0.47
chrX	41504233	41505062	830	19	59.4	5.37	1.73
chrX	41505914	41506893	980	23	71.06	9.2	1.43
chrX	41521987	41522690	704	17	57.66	6.9	1.83
chrX	41528488	41530891	2404	64	192.9	10.73	0.47
chrX	41541391	41542555	1165	23	58	7.66	1.81
chrX	41543962	41544731	770	17	52.4	6.9	2
chrX	41548709	41549707	999	25	81.53	6.9	1.17
chrX	41550760	41552169	1410	32	84.37	6.13	1.15
chrX	41552214	41553564	1351	32	88.71	10.73	1.1
chrX	41561965	41563157	1193	25	66.72	7.66	1.52
chrX	41563244	41564292	1049	23	65.82	8.43	1.52
chrX	41565374	41566161	788	17	51.07	6.9	2.08
chrX	41566328	41567303	976	22	59.92	8.43	1.72
chrX	41568867	41569713	847	19	58.09	7.66	1.8
chrX	41570969	41571824	856	19	57.41	6.9	1.83
chrX	41593963	41594749	787	17	51.14	6.13	2.07
chrX	41611759	41612756	998	21	58.37	6.9	1.77

chrX	41640730	41642035	1306	28	75.22	9.96	1.31
chrX	41645598	41647073	1476	35	102.15	6.9	0.97
chrX	41649317	41650219	903	21	65.39	9.2	1.55
chrX	41690673	41691503	831	19	59.32	6.13	1.73
chrX	41701658	41702660	1003	28	100.25	7.66	1.01
chrX	41707458	41708149	692	16	52.61	5.37	1.98
chrX	41722509	41723361	853	18	52	5.37	2.03
chrX	41723402	41724392	991	21	58.86	6.13	1.75
chrX	41727488	41728298	811	18	55.06	8.43	1.88
chrX	41731377	41732534	1158	26	74.72	6.9	1.35
chrX	41755284	41756194	911	21	64.76	6.13	1.57
chrX	41821666	41823479	1814	44	122.16	8.43	0.78
chrX	41827968	41828741	774	17	52.1	7.66	2.03
chrX	41839407	41840114	708	17	57.32	6.13	1.83
chrX	41846245	41848186	1942	52	159.5	13.03	0.47
chrX	41849030	41850562	1533	35	92.18	7.66	1.09
chrX	41850840	41851696	857	23	81.73	9.2	1.17
chrX	41859353	41860707	1355	29	77.27	9.96	1.27
chrX	41863171	41864218	1048	26	83.46	6.9	1.15
chrX	41869562	41870353	792	18	56.51	6.13	1.87
chrX	41874858	41876913	2056	53	155.76	9.2	0.47
chrX	41876953	41877772	820	22	72.38	6.9	1.41
chrX	41901204	41901916	713	16	50.95	6.13	2.07
chrX	41908083	41909200	1118	22	55.79	7.66	1.86
chrX	41909789	41910796	1008	23	68.88	7.66	1.48
chrX	41910809	41912009	1201	33	107.26	8.43	0.9
chrX	42006077	42007718	1642	34	79.51	8.43	1.21
chrX	42012224	42013259	1036	24	62.77	6.1	1.64
chrX	42018116	42021409	3294	131	574.56	14.56	0.08
chrX	42022005	42025883	3879	105	303.37	8.43	0.23
chrX	42030266	42033136	2871	90	316.81	11.5	0.24
chrX	42033976	42034892	917	24	82.56	8.43	1.16
chrX	42035103	42037241	2139	50	126.14	6.9	0.7
chrX	42040987	42041785	799	20	67.99	6.9	1.51
chrX	42041808	42044573	2766	85	287.23	10.73	0.29
chrX	42045909	42047092	1184	28	84.27	7.66	1.15
chrX	42055370	42056374	1005	23	69.11	9.2	1.49
chrX	42056841	42058524	1684	39	103.51	6.9	0.92
chrX	42059752	42060782	1031	30	110.75	9.2	0.85
chrX	42060988	42061816	829	18	53.72	5.37	1.96
chrX	42067621	42068495	875	19	56	6.13	1.86
chrX	42095310	42096034	725	19	68.35	9.2	1.51
chrX	42110293	42111255	963	22	66.55	6.9	1.52
chrX	42117176	42119208	2033	55	170.04	8.43	0.48
chrX	42119235	42120750	1516	37	99.06	8.43	1.02
chrX	42120834	42121719	886	19	55.21	6.9	1.87
chrX	42149037	42150494	1458	32	81.02	7.66	1.19
chrX	42180427	42181588	1162	34	124.16	8.43	0.74
chrX	42200689	42201670	982	24	76.87	7.66	1.27
chrX	42203005	42203783	779	17	51.73	6.13	2.04
chrX	42233990	42235249	1260	23	52.37	9.96	2.01

chrX	42237533	42240890	3358	87	244.86	9.96	0.33
chrX	42242902	42245206	2305	55	147.57	9.2	0.57
chrX	42245552	42246345	794	18	56.35	6.9	1.87
chrX	42248062	42249144	1083	21	52.83	7.66	1.98
chrX	42252324	42253518	1195	28	83.4	9.2	1.15
chrX	42254049	42257004	2956	95	342.01	9.2	0.22
chrX	42257022	42258009	988	34	136.68	9.96	0.58
chrX	42264104	42267341	3238	99	338.92	9.96	0.22
chrX	42294622	42296212	1591	35	88.11	8.43	1.1
chrX	42307527	42308355	829	18	53.72	7.66	1.96
chrX	42332685	42334015	1331	29	78.94	6.9	1.23
chrX	42353567	42354503	937	19	51.7	7.66	2.04
chrX	42360062	42360774	713	16	50.95	6.13	2.07
chrX	42362201	42363166	966	21	60.63	6.13	1.72
chrX	42363861	42364695	835	18	53.28	7.66	1.97
chrX	42367200	42368016	817	19	60.42	6.9	1.73
chrX	42384263	42385175	913	20	58.87	6.13	1.75
chrX	42428245	42429043	799	17	50.27	6.13	2.13
chrX	42447275	42448049	775	17	52.03	5.37	2.03
chrX	42468976	42469802	827	18	53.87	8.43	1.95
chrX	42477876	42478545	670	22	94.92	8.43	1.05
chrX	42478649	42480174	1526	40	121.95	7.66	0.8
chrX	42488395	42489615	1221	31	93.15	6.13	1.06
chrX	42490951	42491666	716	16	50.72	8.43	2.07
chrX	42500983	42501822	840	19	58.62	6.13	1.74
chrX	42509674	42510418	745	17	54.32	7.66	1.94
chrX	42512121	42512962	842	20	64.36	7.66	1.59
chrX	42516301	42518468	2168	48	100.76	7.45	1.01
chrX	42518656	42520063	1408	34	95.84	6.13	1.01
chrX	42521332	42524611	3280	90	269.93	13.8	0.3
chrX	42570941	42571689	749	18	59.98	9.2	1.71
chrX	42576090	42580412	4323	113	307.94	9.2	0.24
chrX	42594148	42595815	1668	45	146.66	7.66	0.57
chrX	42597868	42599229	1362	31	87.88	6.13	1.11
chrX	42607859	42608955	1097	26	79.42	7.66	1.22
chrX	42609519	42611111	1593	40	122.31	7.66	0.78
chrX	42611183	42612291	1109	29	90.48	8.43	1.11
chrX	42651610	42653197	1588	44	147.78	7.66	0.56
chrX	42664564	42665784	1221	28	81.39	7.66	1.17
chrX	42670012	42671187	1176	29	90.87	12.26	1.12
chrX	42682324	42683179	856	18	51.79	7.66	2.04
chrX	42683324	42684489	1166	29	91.71	10.73	1.09
chrX	42686801	42687422	622	16	58.64	6.13	1.75
chrX	42687467	42688718	1252	34	108.93	8.43	0.87
chrX	42688800	42690856	2057	50	137.94	9.96	0.58
chrX	42691709	42692377	669	16	54.5	6.9	1.92
chrX	42699323	42700332	1010	29	106.19	8.43	0.93
chrX	42700432	42701245	814	19	54.83	9.2	1.89
chrX	42702250	42703937	1688	43	132.45	8.43	0.63
chrX	42704142	42705935	1794	46	141.65	6.9	0.59
chrX	42715023	42716167	1145	27	81.49	9.2	1.17

chrX	42716860	42718329	1470	34	91.17	8.43	1.12
chrX	42720207	42722895	2689	71	210.99	7.66	0.36
chrX	42727915	42728943	1029	24	73.06	7.66	1.4
chrX	42744273	42745340	1068	23	64.46	6.13	1.57
chrX	42746945	42748292	1348	31	88.93	6.9	1.1
chrX	42753232	42756661	3430	94	281.36	8.43	0.28
chrX	42757464	42758556	1093	25	73.91	7.66	1.38
chrX	42759018	42761299	2282	54	155.11	6.13	0.47
chrX	42764612	42766602	1991	49	137.32	9.96	0.58
chrX	42773175	42774656	1482	32	79.4	7.66	1.22
chrX	42778740	42779386	647	17	62.75	8.43	1.65
chrX	42783824	42784644	821	18	54.31	5.37	1.94
chrX	42785686	42788233	2548	86	325.34	14.56	0.21
chrX	42788298	42791204	2907	91	306.17	10.73	0.23
chrX	42791447	42793266	1820	42	110.35	8.43	0.87
chrX	42793271	42794660	1390	40	127.95	7.66	0.68
chrX	42794772	42795780	1009	21	52.3	8.43	2.01
chrX	42795844	42797875	2032	58	182.77	9.2	0.47
chrX	42805693	42806413	721	18	62.38	6.9	1.68
chrX	42810893	42811667	775	17	52.03	5.37	2.03
chrX	42835008	42835872	865	22	74.64	8.43	1.35
chrX	42836174	42839415	3242	113	436.88	13.8	0.12
chrX	42844641	42845426	786	17	51.21	6.13	2.05
chrX	42846919	42847959	1041	21	55.49	6.13	1.88
chrX	42849516	42850313	798	19	61.96	6.9	1.69
chrX	42852670	42853969	1300	30	86.85	9.2	1.12
chrX	42854488	42857485	2998	84	257.98	11.5	0.32
chrX	42857979	42860402	2424	59	155.62	6.9	0.47
chrX	42885947	42888195	2249	59	175.72	13.8	0.45
chrX	42888468	42889206	739	22	86.98	7.66	1.12
chrX	42890814	42893889	3076	105	406.24	12.26	0.17
chrX	42894031	42895336	1306	35	116.63	10.73	0.87
chrX	42895364	42897333	1970	54	163.22	13.03	0.48
chrX	42897728	42898529	802	17	50.06	5.37	2.14
chrX	42898981	42901402	2422	76	269.41	9.2	0.3
chrX	42902101	42903158	1058	22	59.69	8.43	1.72
chrX	42905739	42907711	1973	46	121.51	8.43	0.84
chrX	42908249	42909570	1322	35	115.17	9.2	0.87
chrX	42910009	42911072	1064	23	64.74	9.2	1.57
chrX	42911231	42912026	796	17	50.49	6.9	2.11
chrX	42912072	42912942	871	20	56.3	6.9	1.87
chrX	42914174	42915628	1455	42	147.74	10.73	0.56
chrX	42933312	42934737	1426	36	112.2	9.2	0.86
chrX	42934796	42937989	3194	89	271.48	10.73	0.27
chrX	42951886	42954146	2261	65	212.43	11.5	0.36
chrX	42963895	42964538	644	16	50.51	7.66	2.1
chrX	42970410	42974307	3898	103	289.58	13.8	0.29
chrX	42975004	42977868	2865	72	168.75	10.16	0.47
chrX	42978519	42980228	1710	39	101.63	6.9	0.98
chrX	42980278	42981091	814	18	54.83	6.13	1.89
chrX	42985146	42986067	922	20	58.21	9.2	1.78

chrX	42987214	42988264	1051	27	89.36	10.73	1.1
chrX	42988681	42989796	1116	30	102.4	9.96	0.95
chrX	42991517	42992366	850	19	57.86	6.9	1.81
chrX	42998937	43001504	2568	69	209.31	9.96	0.36
chrX	43003065	43005624	2560	64	179.75	9.96	0.46
chrX	43026150	43027335	1186	38	122.03	10.62	0.8
chrX	43029896	43032177	2282	75	285.16	11.5	0.29
chrX	43033105	43033918	814	19	60.66	6.9	1.72
chrX	43034089	43035715	1627	44	131.6	11.5	0.64
chrX	43041389	43042001	613	17	66.07	7.66	1.52
chrX	43043694	43045211	1518	38	110.55	7.66	0.87
chrX	43045591	43048415	2825	92	335.78	13.8	0.22
chrX	43048824	43049611	788	17	51.07	6.13	2.08
chrX	43049696	43050626	931	19	52.1	6.9	2.03
chrX	43051924	43054077	2154	60	190.47	9.2	0.47
chrX	43054143	43055668	1526	41	128.12	6.9	0.67
chrX	43057908	43058721	814	19	60.66	7.66	1.72
chrX	43061132	43062767	1636	48	162.67	14.56	0.48
chrX	43063590	43064462	873	20	61.89	6.13	1.7
chrX	43064704	43068454	3751	117	406.58	10.73	0.17
chrX	43068485	43069997	1513	43	124.45	7.45	0.71
chrX	43070093	43072532	2440	64	183.7	9.2	0.47
chrX	43078647	43079989	1343	31	89.31	6.9	1.1
chrX	43082612	43083420	809	19	61.06	5.37	1.72
chrX	43085598	43086618	1021	22	62.26	6.13	1.69
chrX	43088603	43089700	1098	23	62.38	8.43	1.68
chrX	43090006	43091038	1033	22	61.41	7.66	1.71
chrX	43097178	43099809	2632	67	191.65	8.43	0.47
chrX	43100972	43102339	1368	34	104.98	7.66	0.93
chrX	43113482	43115066	1585	36	93.99	6.9	1.07
chrX	43115486	43118109	2624	73	222.99	9.96	0.33
chrX	43119201	43120297	1097	26	79.42	6.13	1.22
chrX	43121005	43122304	1300	33	98.61	6.9	1.02
chrX	43123543	43124505	963	21	60.85	8.43	1.72
chrX	43131997	43132783	787	17	51.14	6.13	2.07
chrX	43139777	43143882	4106	139	506.2	14.56	0.07
chrX	43146891	43147696	806	19	61.31	6.9	1.72
chrX	43150656	43152400	1745	48	152.23	9.2	0.5
chrX	43156068	43159549	3482	107	367.28	9.96	0.24
chrX	43160764	43161715	952	20	56.09	5.37	1.86
chrX	43161726	43167002	5277	161	516.28	11.5	0.07
chrX	43167348	43168289	942	22	68.19	10.73	1.5
chrX	43168526	43172162	3637	96	269.47	9.96	0.3
chrX	43173369	43176933	3565	123	477.4	13.03	0.07
chrX	43178198	43181606	3409	114	416.92	13.8	0.11
chrX	43181648	43182983	1336	33	89.85	9.96	1.1
chrX	43183151	43184284	1134	29	88.35	6.9	1.11
chrX	43184980	43187571	2592	63	165.64	8.43	0.49
chrX	43187744	43190599	2856	86	284.67	9.96	0.29
chrX	43191739	43192643	905	22	71.2	6.9	1.42
chrX	43193071	43194268	1198	26	71.82	7.66	1.41

chrX	43198290	43200765	2476	72	237.02	9.96	0.32
chrX	43202083	43203813	1731	51	172.98	9.2	0.45
chrX	43234434	43235355	922	20	58.21	8.43	1.78
chrX	43236473	43238015	1543	40	120.49	7.66	0.86
chrX	43238874	43240855	1982	50	143.94	9.96	0.56
chrX	43241490	43242520	1031	22	61.55	7.66	1.7
chrX	43244406	43247422	3017	91	308.17	12.26	0.24
chrX	43247882	43251963	4082	139	523.35	12.26	0.08
chrX	43252090	43254673	2584	65	177.82	8.43	0.46
chrX	43256545	43257312	768	17	52.55	6.13	1.98
chrX	43264635	43267123	2489	91	361.95	13.8	0.24
chrX	43267693	43270834	3142	116	471.95	13.03	0.07
chrX	43270997	43275795	4799	158	560.57	14.56	0.08
chrX	43276348	43277372	1025	26	79.33	8.43	1.23
chrX	43279021	43280677	1657	40	111.23	6.9	0.85
chrX	43280683	43281494	812	19	54.98	6.13	1.88
chrX	43282544	43289385	6842	195	590.88	11.5	0.09
chrX	43293538	43294406	869	20	62.2	7.66	1.69
chrX	43303205	43305302	2098	49	129.13	9.2	0.65
chrX	43311997	43314906	2910	74	198.6	10.73	0.44
chrX	43316615	43319945	3331	85	229.3	7.66	0.34
chrX	43321865	43323001	1137	27	76.3	6.9	1.27
chrX	43325140	43325951	812	19	60.82	7.66	1.71
chrX	43327620	43328419	800	17	50.2	6.9	2.13
chrX	43329703	43330564	862	21	68.74	6.9	1.49
chrX	43337479	43338220	742	18	60.56	7.66	1.72
chrX	43339088	43340591	1504	37	105.78	6.9	0.92
chrX	43341216	43341799	584	16	60.72	8.43	1.72
chrX	43341960	43342932	973	26	83.8	12.26	1.14
chrX	43349330	43351765	2436	65	190.11	10.73	0.47
chrX	43353281	43354897	1617	41	120.31	7.66	0.86
chrX	43354950	43356634	1685	40	109.09	9.2	0.87
chrX	43357221	43359418	2198	51	155.96	9.2	0.48
chrX	43360164	43364869	4706	148	501.82	11.5	0.07
chrX	43365341	43369968	4628	170	690.66	13.8	0.11
chrX	43371821	43373245	1425	55	245.89	13.03	0.34
chrX	43373417	43378594	5178	178	665.57	11.5	0.1
chrX	43379771	43381650	1880	44	117.15	9.96	0.86
chrX	43383204	43384976	1773	38	91.9	6.9	1.1
chrX	43385095	43386580	1486	36	101.37	7.66	1
chrX	43386718	43387495	778	18	51.8	5.37	2.03
chrX	43388838	43390581	1744	44	127.76	7.66	0.68
chrX	43393488	43394566	1079	21	53.08	6.9	1.98
chrX	43403272	43404205	934	26	93.88	9.2	1.07
chrX	43406207	43409725	3519	98	292.05	8.43	0.26
chrX	43418574	43420670	2097	62	208.97	13.03	0.36
chrX	43429094	43430352	1259	30	90.05	12.26	1.11
chrX	43431942	43433264	1323	34	102.72	8.43	0.95
chrX	43435348	43436797	1450	38	122.44	10.73	0.78
chrX	43440170	43441417	1248	32	103.04	6.9	0.93
chrX	43445057	43447608	2552	61	157.32	9.2	0.48

chrX	43450665	43452158	1494	33	95.03	6.13	1.04
chrX	43452668	43453563	896	20	60.13	6.13	1.72
chrX	43459088	43465603	6516	195	622.42	13.8	0.1
chrX	43472393	43473921	1529	33	92.46	6.13	1.09
chrX	43474775	43475587	813	21	66.78	7.66	1.52
chrX	43475944	43477209	1266	32	101.48	9.2	1
chrX	43492733	43494899	2167	58	176.74	8.43	0.45
chrX	43499193	43501167	1975	48	127.02	6.13	0.68
chrX	43501855	43503806	1952	51	152.48	8.43	0.5
chrX	43505847	43506859	1013	22	62.83	7.66	1.64
chrX	43509662	43513159	3498	84	227.73	9.2	0.34
chrX	43514145	43515320	1176	38	150.4	10.73	0.53
chrX	43515614	43520619	5006	156	530.98	11.5	0.08
chrX	43520647	43521505	859	23	75.18	6.9	1.31
chrX	43524365	43525321	957	20	55.75	7.66	1.86
chrX	43532220	43533388	1169	26	73.91	6.13	1.39
chrX	43534097	43535107	1011	23	68.65	7.66	1.49
chrX	43535365	43536437	1073	28	93.66	7.66	1.07
chrX	43536486	43539618	3133	102	357.06	11.5	0.24
chrX	43539660	43544642	4983	152	499.76	10.73	0.07
chrX	43547371	43549480	2110	64	227.75	9.96	0.34
chrX	43550669	43554341	3673	112	380.96	9.96	0.21
chrX	43555277	43556360	1084	24	68.89	6.13	1.48
chrX	43566730	43567629	900	21	65.63	7.66	1.52
chrX	43568279	43569076	798	17	50.35	6.9	2.13
chrX	43573658	43574646	989	25	82.39	8.43	1.16
chrX	43588888	43594033	5146	151	483.37	9.96	0.07
chrX	43594249	43595806	1558	41	114.61	8.13	0.86
chrX	43596307	43602199	5893	179	586.25	13.03	0.09
chrX	43603161	43604607	1447	37	110.43	8.43	0.87
chrX	43605381	43609256	3876	100	279.43	8.43	0.28
chrX	43609346	43611035	1690	37	92.13	7.66	1.1
chrX	43611068	43612503	1436	32	82.54	6.9	1.16
chrX	43612815	43613879	1065	24	70.3	8.43	1.47
chrX	43619233	43620116	884	20	61.04	8.43	1.72
chrX	43620741	43622278	1538	48	172.84	12.26	0.44
chrX	43622711	43625518	2808	74	212.94	8.43	0.37
chrX	43625913	43627671	1759	49	163.7	9.2	0.48
chrX	43628042	43629148	1107	25	72.85	5.37	1.4
chrX	43631416	43633863	2448	62	171.13	8.43	0.48
chrX	43635780	43637049	1270	32	101.14	9.96	1.01
chrX	43637551	43638275	725	17	55.92	6.13	1.86
chrX	43643472	43645887	2416	70	229.86	9.2	0.34
chrX	43646861	43648512	1652	41	117.46	7.66	0.85
chrX	43649077	43653500	4424	138	470.74	11.5	0.07
chrX	43653676	43656036	2361	68	222.2	10.73	0.33
chrX	43656343	43659366	3024	99	362.33	10.73	0.24
chrX	43659584	43664602	5019	152	496.08	13.03	0.07
chrX	43664944	43667767	2824	87	301.39	9.96	0.23
chrX	43667904	43670361	2458	60	158.74	7.66	0.48
chrX	43671223	43672650	1428	37	118.17	9.2	0.86

chrX	43672833	43679164	6332	252	1048.07	19.93	0
chrX	43679333	43681308	1976	56	175.25	10.73	0.45
chrX	43683633	43684565	933	20	57.42	7.66	1.83
chrX	43685653	43687531	1879	49	152.68	10.73	0.5
chrX	43688576	43691495	2920	81	271.76	10.73	0.27
chrX	43693486	43695721	2236	60	183.01	9.96	0.47
chrX	43704979	43706796	1818	44	121.85	6.9	0.81
chrX	43709964	43712079	2116	71	276.13	13.8	0.28
chrX	43715920	43717066	1147	29	93.34	9.2	1.07
chrX	43725114	43727958	2845	72	197.94	6.9	0.43
chrX	43728112	43729881	1770	43	119.8	7.66	0.85
chrX	43736303	43737620	1318	33	103.14	9.2	0.93
chrX	43738253	43739096	844	21	70.27	6.9	1.47
chrX	43739925	43740991	1067	23	64.53	7.66	1.58
chrX	43744837	43749631	4795	167	639.66	16.1	0.1
chrX	43751818	43753114	1297	28	75.85	6.13	1.28
chrX	43757418	43758794	1377	37	122.78	9.2	0.79
chrX	43759376	43760720	1345	35	113.1	6.9	0.86
chrX	43761081	43762147	1067	22	59.09	6.9	1.75
chrX	43762906	43764337	1432	37	111.69	7.66	0.85
chrX	43767423	43772695	5273	166	563.65	14.56	0.08
chrX	43779237	43780579	1343	33	101.05	9.2	1.01
chrX	43780673	43784079	3407	101	328.31	9.2	0.21
chrX	43784567	43786187	1621	38	108.24	7.66	0.88
chrX	43786725	43788308	1584	40	117.06	6.9	0.86
chrX	43788777	43789458	682	17	59.56	6.9	1.72
chrX	43794136	43796733	2598	76	251.17	12.26	0.34
chrX	43796877	43798418	1542	52	200.52	13.03	0.42
chrX	43798433	43800959	2527	90	357.09	14.56	0.24
chrX	43801259	43803340	2082	70	272.99	13.03	0.27
chrX	43803408	43809012	5605	202	795.65	16.1	0.13
chrX	43809804	43810588	785	17	51.29	6.9	2.06
chrX	43812580	43815034	2455	73	245.71	9.96	0.33
chrX	43815653	43816631	979	22	65.33	6.9	1.54
chrX	43817536	43822106	4571	125	353.26	9.2	0.23
chrX	43822710	43824455	1746	41	110.18	8.43	0.88
chrX	43825069	43826434	1366	30	81.98	8.43	1.16
chrX	43826998	43827944	947	23	73.75	5.37	1.38
chrX	43850234	43855471	5238	142	399.17	10.73	0.16
chrX	43856300	43857095	796	18	56.2	7.66	1.87
chrX	43857199	43859285	2087	69	251.01	13.03	0.34
chrX	43859823	43862172	2350	57	149.85	9.2	0.53
chrX	43865023	43868200	3178	96	325.01	11.5	0.21
chrX	43868660	43871451	2792	73	208.26	9.2	0.36
chrX	43872680	43873941	1262	33	101.83	7.66	0.98
chrX	43874489	43875795	1307	27	69.77	9.2	1.47
chrX	43889603	43890528	926	20	57.92	6.13	1.81
chrX	43891019	43892865	1847	46	131.23	6.9	0.64
chrX	43898242	43899653	1412	35	101.37	12.26	1
chrX	43902848	43903847	1000	21	58.23	6.13	1.78
chrX	43906924	43908249	1326	32	90.62	6.13	1.11

chrX	43915039	43915814	776	17	51.95	6.9	2.03
chrX	43915913	43919144	3232	86	255.63	9.96	0.32
chrX	43925018	43926663	1646	42	123.9	7.66	0.73
chrX	43928384	43930209	1826	49	157.43	9.2	0.48
chrX	43930555	43934794	4240	142	518.99	13.8	0.07
chrX	43935336	43938558	3223	87	275.11	8.43	0.27
chrX	43938597	43940708	2112	57	169.23	9.2	0.48
chrX	43942182	43943543	1362	34	105.49	13.03	0.92
chrX	43944293	43945319	1027	21	56.41	6.9	1.87
chrX	43947936	43949228	1293	31	93.23	8.43	1.06
chrX	43950050	43952896	2847	79	246.64	9.2	0.34
chrX	43954375	43959086	4712	127	359.34	9.2	0.24
chrX	43960502	43961567	1066	26	81.95	8.43	1.16
chrX	43964964	43968166	3203	87	264.39	9.2	0.33
chrX	43968696	43969701	1006	27	93.46	8.43	1.07
chrX	43971531	43972898	1368	34	104.98	8.43	0.93
chrX	43976227	43977375	1149	27	81.17	7.66	1.17
chrX	43977440	43979046	1607	38	61.67	5.27	1.71
chrX	43979964	43980786	823	18	54.16	6.13	1.95
chrX	43981105	43981893	789	19	62.7	7.66	1.66
chrX	43983459	43984244	786	17	51.21	6.13	2.05
chrX	43984886	43986041	1156	27	74.87	9.96	1.35
chrX	43988746	43990073	1328	32	90.47	8.43	1.11
chrX	43993925	43996360	2436	67	208.72	7.66	0.36
chrX	43997235	44000177	2943	78	219.62	9.2	0.32
chrX	44004550	44007163	2614	73	223.9	12.26	0.33
chrX	44013038	44013888	851	19	57.78	6.13	1.8
chrX	44018138	44018968	831	20	65.26	7.66	1.55
chrX	44019170	44019918	749	17	54.01	6.9	1.95
chrX	44019934	44020934	1001	22	58.17	7.66	1.79
chrX	44023032	44028351	5320	165	545.18	11.5	0.08
chrX	44028619	44030699	2081	55	171.97	8.43	0.46
chrX	44035917	44036857	941	20	56.86	8.43	1.88
chrX	44050401	44053264	2864	76	220.29	11.5	0.33
chrX	44054538	44057711	3174	92	299	9.96	0.23
chrX	44058106	44058978	873	19	56.15	6.13	1.87
chrX	44059220	44060034	815	20	66.61	7.66	1.52
chrX	44078089	44079275	1187	39	156.28	11.5	0.48
chrX	44079432	44080226	795	18	50.56	7.66	2.11
chrX	44081629	44085989	4361	127	404.1	10.73	0.17
chrX	44086177	44088401	2225	65	161.53	7.71	0.47
chrX	44091638	44092423	786	19	62.96	6.9	1.62
chrX	44102990	44104047	1058	21	54.39	9.2	1.93
chrX	44108411	44110000	1590	42	134.88	8.43	0.61
chrX	44110009	44111659	1651	50	167.79	12.26	0.47
chrX	44114858	44116049	1192	24	61.48	7.66	1.71
chrX	44118038	44119390	1353	32	88.55	7.66	1.11
chrX	44139247	44141209	1963	48	133.7	8.43	0.63
chrX	44143164	44143964	801	18	55.81	5.37	1.86
chrX	44153053	44154335	1283	29	82.43	8.43	1.16
chrX	44154479	44156585	2107	54	157.5	8.43	0.48

chrX	44157185	44159174	1990	52	155.31	7.66	0.47
chrX	44161577	44162509	933	21	63.07	6.9	1.61
chrX	44163637	44164794	1158	27	80.47	6.9	1.19
chrX	44166507	44167613	1107	22	56.48	9.96	1.87
chrX	44176819	44177598	780	17	51.65	5.37	2.04
chrX	44178951	44181098	2148	53	122.34	8.13	0.78
chrX	44185610	44187018	1409	35	107.58	7.66	0.89
chrX	44187943	44188824	882	21	67.08	6.13	1.53
chrX	44188946	44193556	4611	146	498.38	13.8	0.07
chrX	44194947	44196770	1824	43	121.39	9.96	0.84
chrX	44197185	44197883	699	17	58.09	6.13	1.8
chrX	44197936	44199817	1882	52	158.63	9.2	0.48
chrX	44202040	44203226	1187	27	78.24	7.66	1.25
chrX	44220101	44221290	1190	30	95.77	7.66	1.03
chrX	44231691	44233723	2033	49	134.04	6.9	0.62
chrX	44233915	44235423	1509	43	135.98	12.26	0.59
chrX	44241508	44242539	1032	24	72.83	6.13	1.39
chrX	44245927	44246758	832	20	65.18	7.66	1.56
chrX	44248294	44249385	1092	24	68.3	6.9	1.51
chrX	44249675	44250536	862	18	51.37	6.13	2.06
chrX	44256483	44258278	1796	42	112.11	7.66	0.86
chrX	44259315	44260105	791	18	56.59	5.37	1.87
chrX	44289320	44290844	1525	35	92.75	6.13	1.08
chrX	44293436	44294253	818	18	54.53	6.9	1.91
chrX	44296396	44297222	827	18	53.87	7.66	1.95
chrX	44298138	44299359	1222	30	87.12	8.43	1.12
chrX	44300641	44301687	1047	25	77.52	7.66	1.28
chrX	44304062	44304798	737	21	80.36	6.9	1.19
chrX	44305829	44307314	1486	39	125.46	6.13	0.71
chrX	44307396	44307974	579	16	54.27	6.9	1.94
chrX	44311746	44313247	1502	45	163.03	10.73	0.48
chrX	44326818	44327884	1067	23	64.53	8.43	1.58
chrX	44328110	44329475	1366	35	105.15	7.66	0.93
chrX	44332319	44334030	1712	45	142.67	8.43	0.59
chrX	44334930	44336551	1622	40	119.9	7.66	0.85
chrX	44371577	44372650	1074	28	93.56	7.66	1.07
chrX	44373118	44374811	1694	38	97.26	7.66	1.02
chrX	44380957	44382099	1143	26	75.85	10.73	1.28
chrX	44384206	44384923	718	17	56.49	8.43	1.87
chrX	44390097	44391386	1290	26	65.63	7.66	1.52
chrX	44404519	44406388	1870	48	141.26	8.43	0.58
chrX	44409001	44410019	1019	26	85.96	8.43	1.11
chrX	44423528	44424328	801	18	55.28	6.08	1.88
chrX	44427134	44428799	1666	35	65.79	5.34	1.52
chrX	44429862	44430786	925	20	58	7.66	1.8
chrX	44433310	44434526	1217	29	81.7	7.66	1.17
chrX	44434539	44436179	1641	38	95.52	6.9	1.03
chrX	44449434	44450216	783	18	57.21	8.43	1.85
chrX	44450975	44451828	854	21	69.41	7.66	1.49
chrX	44454388	44456227	1840	53	175.33	10.73	0.45
chrX	44456890	44457737	848	20	63.87	7.66	1.61

chrX	44459907	44460714	808	19	61.14	6.13	1.73
chrX	44464250	44465381	1132	25	71	6.9	1.44
chrX	44465707	44466438	732	17	55.35	6.13	1.88
chrX	44466795	44467756	962	24	78.57	7.66	1.25
chrX	44468328	44469120	793	19	62.37	7.66	1.68
chrX	44477878	44479581	1704	52	189.25	10.73	0.46
chrX	44480600	44481388	789	17	50.99	6.9	2.07
chrX	44492959	44496598	3640	103	318.74	10.73	0.25
chrX	44507091	44507991	901	20	59.75	6.9	1.71
chrX	44508088	44508769	682	17	59.56	6.13	1.72
chrX	44508783	44510363	1581	32	78.21	6.9	1.26
chrX	44514182	44514955	774	17	52.1	6.13	2.03
chrX	44524746	44525718	973	21	60.13	6.13	1.72
chrX	44530021	44530867	847	19	58.09	6.9	1.8
chrX	44532986	44533705	720	16	50.42	6.9	2.12
chrX	44543119	44543974	856	18	51.79	6.13	2.04
chrX	44544477	44546114	1638	39	112.71	8.43	0.86
chrX	44562275	44564634	2360	65	203.08	9.96	0.4
chrX	44591640	44592551	912	21	64.69	7.66	1.57
chrX	44601299	44602127	829	19	59.47	6.13	1.73
chrX	44602576	44603818	1243	30	91.34	9.2	1.09
chrX	44604386	44605222	837	19	58.85	6.9	1.75
chrX	44615788	44617318	1531	41	133.95	9.2	0.62
chrX	44632644	44633826	1183	27	78.55	7.66	1.26
chrX	44635604	44636474	871	21	67.98	7.66	1.51
chrX	44637153	44637970	818	18	54.53	6.13	1.91
chrX	44642810	44643604	795	17	50.56	6.9	2.11
chrX	44649973	44651320	1348	30	83.28	6.9	1.15
chrX	44651425	44654249	2825	87	301.29	13.8	0.23
chrX	44654422	44656425	2004	63	225.45	11.5	0.33
chrX	44669566	44670433	868	18	50.96	6.13	2.07
chrX	44673181	44675261	2081	50	136.09	8.43	0.59
chrX	44675600	44677401	1802	43	117.33	7.66	0.85
chrX	44678788	44681713	2926	77	227.13	9.96	0.34
chrX	44686141	44688145	2005	53	160.13	6.9	0.47
chrX	44688524	44689622	1099	28	91.34	6.13	1.09
chrX	44689672	44690545	874	21	61.81	7.66	1.7
chrX	44696635	44698518	1884	46	128.29	6.9	0.67
chrX	44699546	44700867	1322	30	85.19	6.9	1.11
chrX	44703330	44704144	815	19	52.7	5.42	1.97
chrX	44705752	44708097	2346	54	133.4	8.43	0.63
chrX	44712680	44713712	1033	27	90.97	8.43	1.12
chrX	44716330	44717124	795	17	50.56	6.13	2.11
chrX	44722507	44723245	739	17	54.79	5.37	1.89
chrX	44727642	44729667	2026	47	123.22	9.2	0.77
chrX	44731516	44733222	1707	49	162.23	10.73	0.48
chrX	44752747	44757715	4969	150	487.91	10.73	0.07
chrX	44757757	44761125	3369	120	465.1	9.96	0.07
chrX	44761175	44763001	1827	89	455.5	17.63	0.06
chrX	44764237	44766740	2504	89	352.6	11.5	0.23
chrX	44767170	44768959	1790	57	214.43	10.73	0.37

chrX	44769690	44770853	1164	26	74.28	8.43	1.37
chrX	44772666	44777446	4781	137	421.75	9.96	0.12
chrX	44778261	44779110	850	20	63.71	6.9	1.61
chrX	44781151	44782653	1503	34	88.79	7.66	1.1
chrX	44783675	44784453	779	17	51.73	6.9	2.04
chrX	44785375	44787608	2234	55	147.28	6.9	0.57
chrX	44787612	44788615	1004	28	93.65	8.43	1.07
chrX	44791362	44792264	903	19	54.01	6.13	1.95
chrX	44793263	44795345	2083	62	210.39	10.73	0.36
chrX	44798779	44799923	1145	22	54.13	8.43	1.95
chrX	44812036	44813751	1716	37	90.38	6.9	1.11
chrX	44813802	44816054	2253	56	151.58	10.73	0.5
chrX	44817758	44819631	1874	44	100.77	6.78	1.01
chrX	44839278	44840789	1512	39	117.05	8.43	0.86
chrX	44852215	44853975	1761	47	150.77	9.2	0.53
chrX	44854100	44855268	1169	28	85.47	9.2	1.1
chrX	44857521	44859435	1915	46	125.88	9.2	0.7
chrX	44866017	44867843	1827	41	104.33	7.66	0.92
chrX	44869772	44870632	861	21	68.82	6.9	1.48
chrX	44875132	44876208	1077	23	63.83	8.43	1.61
chrX	44876350	44877212	863	23	81.17	6.9	1.17
chrX	44877727	44880358	2632	78	267.59	9.2	0.33
chrX	44887294	44888385	1092	24	68.3	6.9	1.51
chrX	44903602	44904594	993	21	58.72	6.9	1.75
chrX	44911572	44912569	998	26	87.84	8.43	1.11
chrX	44913672	44914685	1014	23	68.42	6.9	1.51
chrX	44915850	44916561	712	16	51.03	6.9	2.08
chrX	44920129	44920882	754	18	59.56	7.66	1.72
chrX	44931668	44933647	1980	49	138.2	8.43	0.57
chrX	44940498	44941280	783	17	51.43	6.9	2.06
chrX	44955719	44957847	2129	59	186.44	9.2	0.48
chrX	44970510	44971685	1176	25	67.88	9.96	1.51
chrX	44975131	44976642	1512	32	88.15	5.37	1.1
chrX	44983975	44984744	770	20	70.59	6.9	1.46
chrX	44985548	44986322	775	17	52.03	6.13	2.03
chrX	44988206	44989331	1126	29	89.02	7.66	1.09
chrX	44992696	44994100	1405	35	107.92	7.66	0.88
chrX	44994638	44996768	2131	52	137.99	6.9	0.58
chrX	44998977	44999605	629	16	58	9.96	1.81
chrX	45014382	45015373	992	24	76.04	6.9	1.29
chrX	45016455	45017706	1252	26	68.11	9.96	1.51
chrX	45029303	45029986	684	16	53.26	6.13	1.97
chrX	45037958	45039720	1763	39	103.36	10.73	0.92
chrX	45043084	45044001	918	21	64.22	6.9	1.59
chrX	45053909	45055210	1302	31	92.51	9.96	1.09
chrX	45056160	45057035	876	19	55.93	8.43	1.86
chrX	45071175	45071842	668	16	54.58	6.13	1.9
chrX	45075658	45076463	806	20	67.38	8.43	1.53
chrX	45085719	45086498	780	17	51.65	6.13	2.04
chrX	45100313	45101236	924	19	52.57	6.9	1.99
chrX	45109488	45112485	2998	95	344.28	9.96	0.23

chrX	45126183	45127048	866	19	56.66	6.13	1.87
chrX	45129920	45130725	806	20	67.38	6.13	1.53
chrX	45132246	45133205	960	20	55.54	6.9	1.87
chrX	45135274	45136702	1429	34	100.02	9.2	1.01
chrX	45141492	45142823	1332	34	101.96	8.43	0.98
chrX	45145324	45147687	2364	61	172.05	9.2	0.46
chrX	45149369	45150618	1250	29	79.22	7.66	1.22
chrX	45167802	45168814	1013	27	92.81	8.43	1.08
chrX	45189297	45190744	1448	35	104.38	7.66	0.92
chrX	45192360	45193175	816	18	54.68	6.13	1.91
chrX	45195944	45196785	842	20	64.36	7.66	1.59
chrX	45220533	45221949	1417	34	95.15	9.2	1.04
chrX	45265461	45266854	1394	33	96.94	7.66	1.01
chrX	45275107	45276085	979	21	59.7	6.13	1.72
chrX	45293186	45294409	1224	28	75.51	6.13	1.3
chrX	45311378	45312200	823	19	59.94	5.37	1.72
chrX	45313009	45313943	935	21	62.92	7.66	1.62
chrX	45316755	45318000	1246	28	79.52	7.66	1.21
chrX	45330535	45331518	984	24	76.7	6.9	1.27
chrX	45338119	45338976	858	19	57.26	6.13	1.85
chrX	45362345	45363125	781	17	51.58	4.6	2.04
chrX	45388415	45389421	1007	22	63.27	6.9	1.62
chrX	45397224	45398108	885	19	55.28	7.66	1.88
chrX	45454123	45455201	1079	22	58.29	6.9	1.78
chrX	45466552	45468028	1477	32	79.74	6.9	1.21
chrX	45468522	45470681	2160	54	147.27	6.9	0.57
chrX	45480185	45481290	1106	21	51.43	10.73	2.06
chrX	45489697	45491052	1356	32	94.09	6.13	1.08
chrX	45491173	45493555	2383	60	164.6	7.66	0.48
chrX	45494179	45497586	3408	86	229	8.43	0.34
chrX	45508919	45510000	1082	31	105.64	8.43	0.92
chrX	45510060	45513546	3487	122	472.41	13.8	0.07
chrX	45513573	45514374	802	18	50.06	6.9	2.14
chrX	45515220	45516677	1458	36	103.58	6.9	0.92
chrX	45517684	45519034	1351	33	100.39	9.2	1.01
chrX	45524864	45526199	1336	31	89.85	7.66	1.1
chrX	45527453	45528585	1133	29	94.56	9.2	1.07
chrX	45530675	45531395	721	17	56.25	6.13	1.87
chrX	45531888	45532683	796	19	62.12	6.9	1.69
chrX	45532719	45533609	891	22	66.35	7.66	1.52
chrX	45533665	45535214	1550	36	68.72	5.93	1.49
chrX	45536294	45537424	1131	25	71.07	8.43	1.43
chrX	45543838	45544830	993	24	75.96	6.13	1.29
chrX	45553654	45554570	917	20	58.57	6.9	1.74
chrX	45555033	45559338	4306	126	396.48	11.5	0.16
chrX	45559373	45561690	2318	71	233.04	11.5	0.34
chrX	45563174	45564362	1189	28	83.87	9.96	1.14
chrX	45582669	45583923	1255	27	73.31	6.9	1.38
chrX	45587827	45588640	814	19	60.66	6.13	1.72
chrX	45588704	45589501	798	18	50.35	8.43	2.13
chrX	45595454	45596200	747	19	60.14	7.66	1.72

chrX	45600029	45602835	2807	69	183.5	9.96	0.47
chrX	45603413	45604063	651	17	62.38	7.66	1.68
chrX	45619244	45622588	3345	117	446.1	13.03	0.12
chrX	45623427	45625006	1580	35	88.87	8.43	1.1
chrX	45625357	45627079	1723	57	222.18	10.73	0.33
chrX	45647029	45648423	1395	35	108.76	13.03	0.87
chrX	45660746	45664496	3751	98	277.91	7.66	0.28
chrX	45677857	45678529	673	16	54.16	6.9	1.95
chrX	45704448	45705353	906	20	59.38	7.66	1.73
chrX	45765064	45765872	809	18	55.21	6.13	1.88
chrX	45787158	45787954	797	17	50.42	6.9	2.12
chrX	45819019	45819972	954	19	50.59	6.9	2.1
chrX	45824457	45826410	1954	48	134.41	7.66	0.62
chrX	45826504	45827359	856	18	51.79	6.13	2.04
chrX	45838273	45839483	1211	24	60.27	6.9	1.73
chrX	45853970	45854766	797	17	50.42	6.13	2.12
chrX	45867367	45868681	1315	33	103.4	9.2	0.92
chrX	45880122	45880832	711	18	63.26	6.9	1.62
chrX	45883148	45884124	977	20	54.39	6.9	1.93
chrX	45887660	45890026	2367	72	248.07	9.96	0.34
chrX	45891021	45892247	1227	28	80.94	7.66	1.19
chrX	45893922	45895382	1461	39	127.72	9.96	0.68
chrX	45896667	45897497	831	18	53.58	6.13	1.97
chrX	45907830	45908661	832	18	53.5	6.13	1.97
chrX	45909873	45911225	1353	30	82.91	8.43	1.15
chrX	45913977	45915036	1060	24	70.67	8.43	1.46
chrX	45933029	45934125	1097	29	97.79	7.66	1.02
chrX	45983017	45983783	767	17	52.63	6.13	1.97
chrX	45992785	45993578	794	17	50.63	6.13	2.1
chrX	45993812	45994649	838	18	53.07	6.9	1.98
chrX	45995257	45996373	1117	27	83.74	8.43	1.14
chrX	45997850	45998436	587	16	60.72	6.9	1.72
chrX	45999527	46000936	1410	34	101.53	9.2	1
chrX	46002104	46002908	805	18	55.51	5.37	1.88
chrX	46003019	46004507	1489	36	101.13	7.66	1.01
chrX	46004871	46005708	838	19	58.77	8.43	1.75
chrX	46013758	46014710	953	27	98.61	9.96	1.02
chrX	46030502	46031328	827	19	59.63	6.13	1.72
chrX	46041090	46041940	851	19	50.03	6.1	2.15
chrX	46041998	46043931	1934	50	141.93	10.73	0.59
chrX	46058018	46058818	801	17	50.13	6.13	2.13
chrX	46117292	46118187	896	19	54.5	6.13	1.92
chrX	46158061	46159388	1328	30	84.74	8.43	1.14
chrX	46170698	46171490	793	19	62.37	6.9	1.68
chrX	46173760	46174476	717	16	50.65	6.13	2.1
chrX	46186895	46187612	718	18	62.64	9.2	1.65
chrX	46250597	46251622	1026	21	56.48	7.66	1.87
chrX	46276449	46277143	695	18	64.72	7.66	1.57
chrX	46280281	46281497	1217	23	54.84	9.2	1.88
chrX	46282893	46283681	789	17	50.99	6.9	2.07
chrX	46288684	46289539	856	18	51.79	6.9	2.04

chrX	46305740	46307509	1770	40	102.87	9.96	0.94
chrX	46313355	46314200	846	18	52.5	6.13	1.98
chrX	46314246	46316574	2329	80	301.1	13.8	0.23
chrX	46322188	46322913	726	17	55.84	6.9	1.86
chrX	46360004	46360655	652	16	55.95	6.13	1.86
chrX	46365766	46366669	904	20	59.53	6.9	1.72
chrX	46366762	46367686	925	21	63.68	7.66	1.61
chrX	46371337	46372789	1453	34	92.42	6.9	1.09
chrX	46373460	46374729	1270	34	113.6	10.73	0.87
chrX	46378537	46384124	5588	194	731.65	13.03	0.12
chrX	46384159	46385779	1621	57	227.31	13.8	0.34
chrX	46385820	46389898	4079	165	712.94	14.56	0.11
chrX	46390005	46391925	1921	48	137.05	9.96	0.58
chrX	46392081	46397412	5332	221	980.97	19.93	0
chrX	46399254	46403156	3903	169	772.05	17.63	0.12
chrX	46403654	46408772	5119	153	492.6	10.73	0.07
chrX	46415553	46416334	782	17	51.51	6.13	2.05
chrX	46419273	46420606	1334	32	95.84	9.2	1.01
chrX	46420761	46425760	5000	185	747.12	13.03	0.12
chrX	46426026	46428279	2254	55	151.5	7.66	0.52
chrX	46428608	46429450	843	19	58.39	6.13	1.77
chrX	46429850	46433984	4135	124	413.51	9.96	0.17
chrX	46436928	46437715	788	17	51.07	7.66	2.08
chrX	46445343	46446186	844	18	52.64	5.37	1.97
chrX	46452696	46453547	852	19	57.71	6.13	1.82
chrX	46455160	46456729	1570	38	106.42	9.2	0.93
chrX	46458243	46459274	1032	24	72.83	7.66	1.39
chrX	46472015	46472805	791	18	56.59	6.13	1.87
chrX	46473703	46475624	1922	43	119.66	8.43	0.85
chrX	46480474	46481272	799	17	50.27	6.13	2.13
chrX	46493827	46494738	912	21	64.69	8.43	1.57
chrX	46496401	46497792	1392	31	85.67	9.2	1.1
chrX	46530230	46534179	3950	120	405.85	15.33	0.17
chrX	46534765	46535725	961	21	60.99	7.66	1.72
chrX	46537157	46538167	1011	21	57.48	6.9	1.83
chrX	46542271	46543825	1555	41	131.77	7.66	0.62
chrX	46550724	46552569	1846	41	103.01	9.2	0.93
chrX	46552863	46554158	1296	35	117.56	9.96	0.85
chrX	46558143	46559850	1708	39	101.77	8.43	0.98
chrX	46562190	46563115	926	20	57.92	6.9	1.81
chrX	46563707	46565640	1934	48	136.01	9.2	0.59
chrX	46575396	46576736	1341	44	174.01	12.26	0.45
chrX	46587174	46587845	672	18	66.88	8.43	1.53
chrX	46588903	46589902	1000	22	63.77	6.13	1.61
chrX	46591165	46592044	880	20	53.17	5.42	1.97
chrX	46597615	46598400	786	18	56.98	8.43	1.87
chrX	46603920	46604749	830	18	53.65	5.37	1.96
chrX	46606756	46607525	770	18	55.28	6.57	1.88
chrX	46621907	46623033	1127	22	55.23	6.9	1.87
chrX	46624677	46626715	2039	55	169.5	9.96	0.48
chrX	46629660	46630440	781	17	51.58	7.66	2.04

chrX	46643019	46644713	1695	39	102.71	7.66	0.95
chrX	46653032	46654473	1442	33	87.62	6.9	1.12
chrX	46693874	46694626	753	17	53.7	5.37	1.96
chrX	46695699	46696562	864	19	56.81	9.2	1.87
chrX	46699551	46700349	799	18	55.97	7.66	1.86
chrX	46727082	46728060	979	21	59.7	7.66	1.72
chrX	46730674	46731948	1275	26	66.59	9.2	1.52
chrX	46733762	46734560	799	18	55.97	5.37	1.86
chrX	46735564	46737622	2059	56	151.42	8.13	0.52
chrX	46744158	46745167	1010	22	63.05	7.66	1.62
chrX	46752863	46753618	756	18	59.39	7.66	1.73
chrX	46760257	46761244	988	20	53.66	6.9	1.96
chrX	46771869	46773180	1312	28	74.8	11.5	1.35
chrX	46778138	46778968	831	18	53.58	6.13	1.97
chrX	46781219	46781923	705	17	57.58	6.9	1.83
chrX	46799613	46800414	802	17	50.06	6.13	2.14
chrX	46811306	46812069	764	18	58.74	6.13	1.75
chrX	46821221	46821984	764	18	58.74	8.43	1.75
chrX	46844216	46845268	1053	24	61.52	6.1	1.7
chrX	46863644	46864568	925	20	58	6.9	1.8
chrX	46911609	46913918	2310	54	147.19	8.43	0.57
chrX	46914019	46915079	1061	26	76.4	6.9	1.27
chrX	46928277	46929221	945	20	56.58	5.37	1.87
chrX	46974242	46975785	1544	34	85.93	7.66	1.11
chrX	46989248	46990108	861	19	57.03	8.43	1.86
chrX	46997985	46999587	1603	37	98.24	7.66	1.03
chrX	47005999	47007102	1104	23	61.97	6.9	1.69
chrX	47020170	47020965	796	18	56.2	6.13	1.87
chrX	47025078	47025893	816	18	54.68	6.13	1.91
chrX	47061740	47062586	847	19	58.09	6.9	1.8
chrX	47069993	47070755	763	17	52.93	5.37	1.98
chrX	47098483	47101124	2642	64	167.54	7.66	0.47
chrX	47102500	47103308	809	18	55.21	6.13	1.88
chrX	47114899	47115697	799	17	50.27	6.13	2.13
chrX	47141153	47142357	1205	30	88.49	6.13	1.11
chrX	47177775	47178851	1077	23	63.83	6.13	1.61
chrX	47221107	47222200	1094	25	73.83	6.9	1.38
chrX	47230547	47231335	789	20	68.87	8.43	1.48
chrX	47234970	47235768	799	18	55.97	7.66	1.86
chrX	47236425	47237374	950	25	85.88	9.2	1.11
chrX	47280065	47280816	752	20	72.26	7.66	1.4
chrX	47317092	47318371	1280	27	71.58	8.43	1.42
chrX	47325031	47325742	712	17	56.99	5.37	1.87
chrX	47334026	47335005	980	25	83.18	9.2	1.14
chrX	47352740	47353477	738	17	54.87	6.13	1.88
chrX	47384390	47385191	802	17	50.06	6.13	2.14
chrX	47410072	47410846	775	17	52.03	7.66	2.03
chrX	47412743	47413597	855	18	51.86	6.9	2.04
chrX	47472905	47474124	1220	29	87.28	7.66	1.11
chrX	47505199	47506695	1497	35	94.81	9.2	1.06
chrX	47510218	47511616	1399	32	85.16	7.66	1.12

chrX	47646166	47646831	666	17	60.99	6.9	1.72
chrX	47652613	47653441	829	18	53.72	6.13	1.96
chrX	47680670	47681394	725	23	95.61	7.66	1.04
chrX	47688144	47689364	1221	30	87.2	8.43	1.12
chrX	47692022	47692819	798	17	50.35	5.37	2.13
chrX	47695107	47695903	797	17	50.42	5.37	2.12
chrX	47705265	47706072	808	25	100.33	8.43	1.01
chrX	47755334	47757242	1909	42	115.02	6.9	0.87
chrX	47786560	47787383	824	18	54.09	6.13	1.95
chrX	47818813	47819857	1045	25	77.68	9.96	1.27
chrX	47974278	47975079	802	17	50.06	5.37	2.14
chrX	47989653	47990517	865	23	80.98	6.9	1.19
chrX	47992394	47993351	958	19	50.33	6.13	2.12
chrX	48029979	48030779	801	17	50.13	6.13	2.13
chrX	48034661	48035453	793	17	50.71	6.9	2.07
chrX	48048533	48049513	981	21	59.56	6.9	1.72
chrX	48086946	48087796	851	20	63.63	5.37	1.61
chrX	48141435	48142271	837	18	53.14	6.9	1.98
chrX	48154469	48156469	2001	62	225.78	8.43	0.33
chrX	48198928	48199808	881	22	73.24	6.9	1.38
chrX	48284831	48285653	823	18	54.16	6.9	1.95
chrX	48291868	48292711	844	19	58.31	6.9	1.78
chrX	48345560	48346341	782	17	51.51	6.9	2.05
chrX	48477686	48479167	1482	36	107.55	6.9	0.89
chrX	48489017	48490263	1247	29	85.16	7.66	1.12
chrX	48527115	48528281	1167	23	57.87	9.2	1.81
chrX	48530830	48532928	2099	56	176.59	9.2	0.45
chrX	48535098	48536337	1240	27	74.36	9.2	1.36
chrX	48537498	48540374	2877	84	269.45	13.03	0.3
chrX	48540504	48542870	2367	65	202.44	10.73	0.4
chrX	48544487	48546239	1753	44	133	9.96	0.63
chrX	48546318	48551220	4903	134	385.53	8.43	0.21
chrX	48612602	48613322	721	16	50.34	6.13	2.12
chrX	48619640	48620426	787	17	51.14	6.9	2.07
chrX	48622411	48623205	795	18	56.28	6.9	1.87
chrX	48634958	48635912	955	22	67.17	7.66	1.53
chrX	48649906	48650772	867	18	51.03	8.43	2.08
chrX	48667314	48668019	706	17	57.49	6.13	1.83
chrX	48692072	48693489	1418	34	100.89	7.66	1.01
chrX	48713774	48715617	1844	40	97.78	6.9	1.02
chrX	48879660	48880878	1219	29	81.55	9.2	1.17
chrX	48881559	48882377	819	19	60.26	5.37	1.73
chrX	48888383	48889423	1041	21	55.49	6.13	1.88
chrX	48921553	48922338	786	17	51.21	6.13	2.05
chrX	48923983	48924886	904	19	53.94	7.66	1.94
chrX	48929294	48930089	796	17	50.49	5.37	2.11
chrX	49000696	49002008	1313	30	85.87	8.43	1.11
chrX	49033621	49034466	846	21	70.1	8.43	1.47
chrX	49173263	49173994	732	18	61.42	9.96	1.71
chrX	49192985	49193864	880	21	67.24	6.13	1.53
chrX	49195946	49196866	921	21	63.99	7.66	1.62

chrX	49240014	49240883	870	23	80.51	8.43	1.18
chrX	49338218	49338852	635	16	57.45	6.9	1.83
chrX	49352616	49354079	1464	33	86.05	6.9	1.11
chrX	49358487	49359204	718	16	50.57	5.37	2.1
chrX	49473943	49474996	1054	26	82.95	8.43	1.15
chrX	49550817	49552747	1931	47	130.41	9.2	0.65
chrX	49577849	49578957	1109	23	61.63	9.96	1.7
chrX	49594387	49595221	835	19	59.01	6.9	1.75
chrX	49610966	49612229	1264	26	67.31	8.43	1.53
chrX	49632824	49633863	1040	23	66.48	6.9	1.52
chrX	49636241	49637143	903	19	54.01	6.13	1.95
chrX	49783897	49784536	640	16	57.01	8.43	1.87
chrX	49818112	49819243	1132	25	71	6.9	1.44
chrX	49826088	49827517	1430	37	118	8.43	0.86
chrX	49840523	49841266	744	18	60.4	6.13	1.73
chrX	49862810	49863604	795	17	50.56	7.66	2.11
chrX	49904635	49905452	818	19	60.34	6.13	1.73
chrX	49951901	49952614	714	16	50.88	6.9	2.07
chrX	49954239	49955055	817	20	66.44	6.9	1.52
chrX	50088175	50089135	961	21	60.99	7.66	1.72
chrX	50133297	50134103	807	19	61.22	5.37	1.71
chrX	50158168	50159562	1395	35	102.75	6.9	0.95
chrX	50162225	50162935	711	16	51.11	7.66	2.06
chrX	50187511	50188290	780	17	51.65	5.37	2.04
chrX	50196875	50197589	715	16	50.8	6.9	2.06
chrX	50215124	50216099	976	24	77.38	7.66	1.28
chrX	50295899	50296815	917	19	53.05	7.66	1.97
chrX	50299481	50300326	846	19	58.16	8.43	1.78
chrX	50315607	50316397	791	17	50.85	6.9	2.07
chrX	50321058	50321863	806	22	80.12	8.43	1.19
chrX	50333106	50333949	844	21	70.27	6.9	1.47
chrX	50359051	50359670	620	20	86.34	12.26	1.11
chrX	50398565	50399362	798	18	56.05	6.9	1.86
chrX	50399589	50400304	716	17	56.66	6.9	1.87
chrX	50421261	50422120	860	18	51.51	6.9	2.05
chrX	50422632	50423468	837	19	58.85	6.9	1.75
chrX	50423563	50425048	1486	33	84.51	8.43	1.14
chrX	50426251	50427539	1289	30	87.7	9.2	1.12
chrX	50434748	50435604	857	18	51.72	6.9	2.03
chrX	50437663	50438512	850	19	57.86	6.9	1.81
chrX	50439223	50440635	1413	32	84.16	7.66	1.15
chrX	50442525	50443180	656	16	55.61	6.13	1.86
chrX	50444692	50445449	758	19	65.36	6.9	1.55
chrX	50449712	50450607	896	22	71.96	7.66	1.4
chrX	50491196	50492492	1297	29	81.39	9.96	1.17
chrX	50500398	50501077	680	16	53.58	6.9	1.96
chrX	50505562	50507015	1454	39	122.08	6.9	0.8
chrX	50509209	50511139	1931	51	154.29	8.43	0.49
chrX	50517752	50520687	2936	85	276.7	11.5	0.28
chrX	50555743	50558280	2538	71	224.61	11.5	0.33
chrX	50564576	50565416	841	22	76.81	8.43	1.27

chrX	50565908	50567035	1128	29	95	7.66	1.05
chrX	50573168	50573960	793	17	50.71	7.66	2.07
chrX	50627762	50628503	742	17	54.56	6.13	1.91
chrX	50631510	50633604	2095	56	170.73	9.96	0.48
chrX	50635123	50636197	1075	26	81.2	6.9	1.17
chrX	50638112	50639006	895	23	78.23	8.43	1.25
chrX	50665037	50666504	1468	39	120.84	10.73	0.86
chrX	50667347	50668485	1139	27	76.15	9.2	1.28
chrX	50675780	50678673	2894	71	182.55	8.43	0.47
chrX	50685618	50687382	1765	55	203.27	13.03	0.4
chrX	50687797	50690784	2988	82	246.34	9.96	0.34
chrX	50691309	50692540	1232	31	98.28	9.96	1.03
chrX	50693182	50694556	1375	32	86.91	6.9	1.12
chrX	50702698	50706553	3856	128	464.33	16.86	0.07
chrX	50707344	50709927	2584	73	226.68	13.8	0.34
chrX	50711601	50712945	1345	34	106.93	9.2	0.89
chrX	50722475	50723317	843	21	70.36	8.43	1.47
chrX	50724325	50725465	1141	29	93.86	8.43	1.07
chrX	50730834	50733341	2508	66	190.02	7.66	0.47
chrX	50736552	50738079	1528	41	134.22	8.43	0.62
chrX	50740115	50741064	950	21	61.8	8.43	1.7
chrX	50742151	50743082	932	21	63.15	6.9	1.61
chrX	50747555	50748350	796	17	50.49	9.2	2.11
chrX	50754449	50755895	1447	39	129.01	10.73	0.65
chrX	50757023	50757813	791	17	50.85	7.66	2.07
chrX	50760115	50761513	1399	36	108.42	10.73	0.88
chrX	50763433	50764496	1064	33	120.88	8.43	0.86
chrX	50767578	50776061	8484	311	1221.89	14.56	0
chrX	50777849	50778802	954	24	79.26	6.9	1.23
chrX	50778823	50779854	1032	28	91.06	7.66	1.12
chrX	50782415	50783315	901	19	54.15	6.9	1.95
chrX	50785435	50786675	1241	31	97.52	9.96	1.02
chrX	50789310	50793359	4050	117	369.51	9.2	0.25
chrX	50793495	50794370	876	19	50.41	6.13	2.12
chrX	50794547	50796822	2276	60	179.5	8.43	0.46
chrX	50802411	50804441	2031	53	157.88	13.8	0.48
chrX	50804446	50806080	1635	37	95.94	8.43	1.02
chrX	50806288	50806818	531	16	60.72	9.96	1.72
chrX	50809272	50810745	1474	33	79.94	7.66	1.2
chrX	50811758	50813100	1343	35	113.28	11.5	0.87
chrX	50829370	50831567	2198	63	212.07	9.2	0.36
chrX	50832255	50833374	1120	31	108.48	9.2	0.87
chrX	50836190	50837826	1637	45	143.19	7.66	0.57
chrX	50837840	50838497	658	18	61.73	11.5	1.7
chrX	50843124	50843995	872	20	61.96	6.13	1.69
chrX	50844937	50845607	671	16	54.33	6.13	1.94
chrX	50846123	50846820	698	16	52.13	6.9	2.03
chrX	50851636	50853010	1375	29	75.9	11.5	1.29
chrX	50863311	50865065	1755	48	157.66	8.43	0.48
chrX	50879143	50880433	1291	30	87.54	8.43	1.12
chrX	50881784	50883082	1299	30	86.93	7.66	1.12

chrX	50890076	50891796	1721	44	129.66	9.2	0.66
chrX	50910025	50910899	875	20	61.73	6.9	1.7
chrX	50912409	50913209	801	17	50.13	7.66	2.13
chrX	50913273	50914827	1555	41	119.47	7.66	0.85
chrX	50921062	50923077	2016	43	102.25	7.66	0.97
chrX	50936020	50937919	1900	44	115.67	8.43	0.87
chrX	50949959	50950821	863	19	56.89	6.13	1.88
chrX	50951545	50955117	3573	142	235.95	6.78	0.32
chrX	50956348	50958445	2098	86	216	6.9	0.35
chrX	50960906	50962178	1273	40	146.49	13.03	0.57
chrX	50988514	50990572	2059	58	186.62	10.73	0.48
chrX	50995393	50996272	880	19	55.64	6.9	1.86
chrX	51005316	51006771	1456	32	81.16	6.13	1.17
chrX	51011362	51012245	884	20	61.04	7.66	1.72
chrX	51016414	51017207	794	18	56.35	6.9	1.87
chrX	51020162	51021426	1265	33	107.76	6.9	0.89
chrX	51033662	51036179	2518	65	183.18	6.9	0.47
chrX	51036190	51037048	859	20	62.99	7.66	1.62
chrX	51041925	51043368	1444	37	110.68	7.66	0.85
chrX	51043925	51044870	946	21	62.1	6.9	1.69
chrX	51046383	51047481	1099	23	62.31	6.9	1.68
chrX	51051451	51052320	870	18	50.82	7.66	2.07
chrX	51057331	51058515	1185	25	67.26	10.73	1.53
chrX	51064358	51066528	2171	57	164.16	7.66	0.48
chrX	51080947	51082598	1652	43	129.44	7.66	0.66
chrX	51099655	51100445	791	17	50.85	7.66	2.07
chrX	51103019	51103575	557	18	81.45	9.2	1.17
chrX	51103725	51104755	1031	26	78.83	8.43	1.23
chrX	51107597	51108413	817	18	54.61	5.37	1.9
chrX	51114389	51115591	1203	28	82.78	6.9	1.15
chrX	51117240	51119689	2450	65	188.9	11.5	0.46
chrX	51126549	51127589	1041	23	66.41	10.73	1.52
chrX	51137002	51137800	799	20	67.99	8.43	1.51
chrX	51140330	51141193	864	19	56.81	6.9	1.87
chrX	51157301	51158140	840	19	58.62	5.37	1.74
chrX	51168735	51169847	1113	22	56.1	8.43	1.86
chrX	51184029	51184826	798	17	50.35	6.13	2.13
chrX	51185908	51186674	767	17	52.63	5.37	1.97
chrX	51203003	51203833	831	18	53.58	6.13	1.97
chrX	51220864	51221728	865	21	68.48	7.66	1.5
chrX	51238940	51239700	761	18	58.98	6.9	1.76
chrX	51255581	51256710	1130	23	60.24	9.2	1.72
chrX	51264161	51265518	1358	30	82.55	6.13	1.16
chrX	51272184	51273535	1352	35	112.48	9.2	0.86
chrX	51274339	51275102	764	17	52.85	6.13	1.98
chrX	51275113	51276942	1830	48	144.66	10.73	0.56
chrX	51279577	51280418	842	18	52.78	6.13	1.97
chrX	51287725	51288990	1266	30	83.71	9.96	1.15
chrX	51295006	51295803	798	17	50.35	6.9	2.13
chrX	51310181	51312610	2430	57	143.92	6.13	0.56
chrX	51313074	51314440	1367	38	130.15	7.66	0.64

chrX	51316981	51317812	832	19	59.24	7.66	1.74
chrX	51317823	51319103	1281	33	106.34	9.96	0.93
chrX	51319307	51320504	1198	31	88.38	7.45	1.11
chrX	51323718	51324518	801	18	55.81	6.9	1.86
chrX	51325170	51326038	869	19	56.44	6.13	1.87
chrX	51346758	51347801	1044	20	50.12	6.9	2.14
chrX	51348870	51349788	919	20	58.43	6.13	1.77
chrX	51358382	51360850	2469	61	163.64	6.9	0.48
chrX	51367714	51368789	1076	22	58.49	6.9	1.75
chrX	51371048	51372339	1292	32	99.28	6.9	1.03
chrX	51373444	51375652	2209	60	185.43	9.2	0.47
chrX	51389925	51390637	713	16	50.95	7.66	2.07
chrX	51392789	51394116	1328	31	90.47	8.43	1.11
chrX	51424020	51425298	1279	27	71.65	9.2	1.42
chrX	51464971	51465766	796	17	50.49	7.66	2.11
chrX	51467398	51468287	890	22	72.47	6.9	1.41
chrX	51495720	51496516	797	17	50.42	6.13	2.12
chrX	51500193	51501530	1338	39	139.62	9.2	0.58
chrX	51502068	51504570	2503	59	155.34	9.96	0.47
chrX	51504949	51505920	972	21	60.2	7.66	1.72
chrX	51515684	51516683	1000	22	63.77	7.66	1.61
chrX	51772336	51773203	868	19	56.52	6.9	1.87
chrX	51782707	51783617	911	20	59.01	6.9	1.75
chrX	51817342	51819323	1982	45	115.31	7.66	0.87
chrX	51889375	51890387	1013	25	80.33	7.66	1.19
chrX	52009277	52010078	802	17	50.06	6.13	2.14
chrX	52010418	52012057	1640	43	130.47	6.9	0.65
chrX	52065255	52066654	1400	35	102.34	7.66	0.96
chrX	52085750	52089498	3749	85	225.73	8.43	0.33
chrX	52090436	52092484	2049	70	277	12.26	0.28
chrX	52093808	52098396	4589	133	433.84	9.96	0.12
chrX	52099322	52104772	5451	189	704.83	15.33	0.11
chrX	52106259	52113226	6968	223	777.11	9.2	0.12
chrX	52114295	52115630	1336	36	113.9	7.66	0.86
chrX	52118932	52120269	1338	28	73.03	9.2	1.4
chrX	52135618	52137143	1526	38	109.9	9.2	0.88
chrX	52145644	52146683	1040	20	50.37	6.9	2.12
chrX	52146894	52147888	995	23	69.88	6.13	1.47
chrX	52152470	52153519	1050	21	54.91	8.43	1.88
chrX	52158096	52158897	802	17	50.06	6.13	2.14
chrX	52159938	52160748	811	19	60.9	6.9	1.72
chrX	52160809	52161796	988	23	64.66	7.66	1.57
chrX	52169609	52170347	739	17	54.79	6.9	1.89
chrX	52172916	52174410	1495	35	100.67	8.43	1
chrX	52175132	52176945	1814	39	94.47	7.66	1.08
chrX	52210996	52212145	1150	28	87.01	6.13	1.12
chrX	52213824	52215020	1197	29	89.14	9.2	1.1
chrX	52216072	52216899	828	19	51.72	6.1	2.03
chrX	52219300	52220829	1530	41	134.04	11.5	0.62
chrX	52221710	52222503	794	17	50.63	5.37	2.1
chrX	52224240	52226469	2230	55	153.4	8.43	0.49

chrX	52243503	52244771	1269	31	95.18	7.66	1.04
chrX	52248268	52249657	1390	32	85.81	8.43	1.11
chrX	52251612	52252518	907	20	59.31	6.9	1.73
chrX	52252576	52253330	755	17	53.54	6.13	1.97
chrX	52255076	52258510	3435	91	256.41	10.73	0.32
chrX	52262908	52263699	792	19	62.46	5.37	1.68
chrX	52265593	52266280	688	31	126.76	9.49	0.69
chrX	52290670	52292147	1478	39	126.18	7.66	0.7
chrX	52293080	52295341	2262	56	145.14	9.96	0.56
chrX	52300533	52302083	1551	39	113.8	8.43	0.87
chrX	52315242	52316318	1077	26	81.04	9.96	1.19
chrX	52319134	52320069	936	20	57.21	7.66	1.85
chrX	52333022	52333801	780	17	51.65	7.66	2.04
chrX	52334605	52336312	1708	40	107.36	6.9	0.9
chrX	52344354	52345085	732	18	61.42	6.13	1.71
chrX	52345581	52347174	1594	35	98.9	6.13	1.02
chrX	52360445	52361302	858	19	57.26	6.13	1.85
chrX	52362058	52362849	792	17	50.78	5.37	2.07
chrX	52367368	52368370	1003	20	52.69	6.9	1.97
chrX	52370229	52371044	816	18	54.68	6.9	1.91
chrX	52394614	52395544	931	20	57.57	6.13	1.82
chrX	52420459	52421639	1181	23	57.01	8.43	1.87
chrX	52421936	52422742	807	18	55.36	5.37	1.88
chrX	52423691	52427152	3462	117	439.22	9.2	0.12
chrX	52428422	52430958	2537	77	291.32	10.73	0.26
chrX	52431966	52432741	776	18	57.77	7.66	1.82
chrX	52444468	52446171	1704	40	119.17	7.66	0.86
chrX	52451226	52452158	933	24	81.11	8.43	1.17
chrX	52452350	52453484	1135	31	100.64	8.43	1.02
chrX	52455261	52456546	1286	31	87.93	6.13	1.1
chrX	52463187	52463943	757	17	53.39	7.66	1.97
chrX	52465180	52466854	1675	41	115.63	8.43	0.87
chrX	52469222	52470063	842	19	58.47	6.9	1.75
chrX	52471508	52472629	1122	27	83.33	9.2	1.15
chrX	52473613	52476490	2878	70	189.51	8.43	0.46
chrX	52479364	52480216	853	22	75.72	6.9	1.28
chrX	52480292	52481182	891	21	66.35	8.43	1.52
chrX	52483879	52484811	933	26	93.98	11.5	1.07
chrX	52490249	52491654	1406	34	101.85	6.9	0.98
chrX	52492791	52494163	1373	39	119.61	10.16	0.85
chrX	52498821	52500277	1457	34	92.13	7.66	1.1
chrX	52514276	52514864	589	16	60.72	6.9	1.72
chrX	52526961	52527904	944	23	74	8.43	1.38
chrX	52529246	52532287	3042	90	298.98	11.5	0.23
chrX	52532849	52534174	1326	34	108.57	7.66	0.87
chrX	52534595	52535328	734	17	55.19	6.9	1.88
chrX	52541588	52542744	1157	27	80.55	6.9	1.18
chrX	52549838	52551605	1768	48	150.14	7.66	0.53
chrX	52555584	52556359	776	17	51.95	5.37	2.03
chrX	52565186	52565910	725	17	55.92	8.43	1.86
chrX	52566538	52567528	991	25	82.22	12.26	1.16

chrX	52567557	52568444	888	22	66.59	9.2	1.52
chrX	52571396	52573163	1768	53	182.53	12.26	0.47
chrX	52573219	52574107	889	25	85.17	13.8	1.11
chrX	52576809	52577724	916	22	70.29	8.43	1.47
chrX	52589540	52590406	867	21	68.32	6.13	1.51
chrX	52594596	52595525	930	20	57.64	6.13	1.83
chrX	52597631	52598457	827	22	78.11	6.9	1.26
chrX	52601299	52603207	1909	50	150.07	7.66	0.53
chrX	52605722	52606553	832	18	53.5	5.37	1.97
chrX	52608548	52609418	871	18	50.75	5.37	2.07
chrX	52613179	52614069	891	21	66.35	6.9	1.52
chrX	52617828	52618614	787	21	75.43	7.66	1.31
chrX	52627859	52628642	784	17	51.36	8.43	2.06
chrX	52632520	52633449	930	24	81.38	8.43	1.17
chrX	52633777	52634880	1104	22	51.55	6.13	2.05
chrX	52635321	52636103	783	17	51.43	7.66	2.06
chrX	52639642	52640439	798	17	50.35	6.13	2.13
chrX	52647366	52649330	1965	52	157.47	6.9	0.48
chrX	52656461	52657172	712	16	51.03	6.9	2.08
chrX	52657642	52658257	616	16	59.2	9.2	1.74
chrX	52659135	52659956	822	20	60.02	7.66	1.72
chrX	52661164	52661942	779	17	51.73	8.43	2.04
chrX	52662086	52663303	1218	28	81.62	6.9	1.17
chrX	52672639	52673526	888	19	55.07	5.37	1.88
chrX	52674911	52676579	1669	56	221.42	10.73	0.33
chrX	52683189	52684007	819	18	54.46	7.66	1.92
chrX	52695786	52696514	729	18	61.68	7.66	1.7
chrX	52711304	52712150	847	21	70.01	7.66	1.47
chrX	52726516	52727366	851	18	52.14	6.13	2.03
chrX	52780884	52781682	799	17	50.27	5.37	2.13
chrX	52786130	52786928	799	17	50.27	6.9	2.13
chrX	52787224	52795126	7903	264	943.97	15.33	0.16
chrX	52807858	52810668	2811	84	289.27	9.2	0.29
chrX	52810692	52811651	960	27	97.91	9.96	1.02
chrX	52815076	52816868	1793	55	200.22	9.2	0.42
chrX	52816887	52828832	11946	431	1625.21	14.56	0
chrX	52830543	52836559	6017	186	620.24	15.33	0.09
chrX	52852965	52853745	781	17	51.58	6.13	2.04
chrX	52862671	52864279	1609	40	115.02	7.66	0.87
chrX	52864975	52866436	1462	37	109.18	7.66	0.87
chrX	52872804	52873701	898	19	54.36	5.37	1.93
chrX	52888871	52889715	845	18	52.57	6.9	1.99
chrX	52890941	52891932	992	20	53.4	5.37	1.97
chrX	52912918	52913720	803	19	61.55	6.9	1.7
chrX	52923647	52924443	797	17	50.42	5.37	2.12
chrX	52931583	52932603	1021	26	85.79	10.73	1.11
chrX	52952434	52953344	911	21	64.76	6.9	1.57
chrX	52977549	52979022	1474	37	108.2	8.43	0.88
chrX	53012785	53013947	1163	27	80.08	13.03	1.19
chrX	53017295	53018922	1628	42	131.51	11.5	0.64
chrX	53076669	53077535	867	21	68.32	8.43	1.51

chrX	53099362	53100137	776	17	51.95	5.37	2.03
chrX	53104349	53105712	1364	38	130.44	12.26	0.65
chrX	53107574	53108316	743	17	54.48	5.37	1.92
chrX	53109160	53110772	1613	37	97.52	7.66	1.02
chrX	53124310	53125213	904	21	65.31	7.66	1.54
chrX	53126204	53127059	856	18	51.79	6.13	2.04
chrX	53131470	53132249	780	17	51.65	6.9	2.04
chrX	53162957	53165010	2054	55	162.01	7.66	0.48
chrX	53169011	53169944	934	21	63	8.43	1.62
chrX	53175134	53177550	2417	60	167.74	8.43	0.47
chrX	53184945	53185711	767	17	52.63	6.13	1.97
chrX	53185746	53186559	814	19	54.83	8.43	1.89
chrX	53213205	53214791	1587	36	93.84	6.13	1.07
chrX	53239152	53239953	802	17	50.06	5.37	2.14
chrX	53239965	53241077	1113	21	51.02	9.96	2.07
chrX	53263233	53264492	1260	28	78.49	8.43	1.25
chrX	53267064	53268233	1170	23	57.69	6.13	1.83
chrX	53290417	53291935	1519	40	122.55	9.96	0.78
chrX	53305460	53307480	2021	48	129.23	11.5	0.65
chrX	53308617	53309534	918	22	64.22	6.9	1.59
chrX	53312377	53313327	951	28	105.54	13.03	0.92
chrX	53313573	53317340	3768	204	1119.87	26.83	0
chrX	53317754	53319973	2220	58	172.12	9.2	0.46
chrX	53320467	53321517	1051	22	60.17	7.66	1.72
chrX	53336998	53337797	800	18	55.89	5.37	1.86
chrX	53338996	53339868	873	20	61.89	8.43	1.7
chrX	53340375	53341717	1343	32	95.12	8.43	1.04
chrX	53342706	53343587	882	19	55.5	6.13	1.88
chrX	53351002	53351774	773	17	52.17	9.2	2.04
chrX	53352842	53354042	1201	25	66.18	10.73	1.52
chrX	53374983	53375775	793	17	50.71	6.9	2.07
chrX	53385926	53386716	791	17	50.85	5.37	2.07
chrX	53395198	53396045	848	18	52.35	6.13	2.01
chrX	53396108	53396932	825	19	59.79	6.9	1.72
chrX	53398750	53399929	1180	23	57.07	8.43	1.86
chrX	53408541	53409846	1306	29	80.74	7.66	1.19
chrX	53412576	53415032	2457	60	164.57	8.43	0.48
chrX	53444981	53446544	1564	39	118.71	7.66	0.86
chrX	53446652	53448043	1392	32	91.32	11.5	1.09
chrX	53448405	53449369	965	23	72.27	6.13	1.41
chrX	53459114	53459916	803	18	55.66	6.9	1.86
chrX	53460136	53460985	850	19	57.86	6.13	1.81
chrX	53462954	53464218	1265	33	101.57	6.9	0.98
chrX	53487002	53488377	1376	34	98.36	7.66	1.02
chrX	53490247	53491442	1196	25	66.51	7.66	1.52
chrX	53506076	53507050	975	20	54.52	6.9	1.91
chrX	53511338	53512689	1352	35	106.33	7.66	0.93
chrX	53512705	53513343	639	16	50.92	6.13	2.07
chrX	53518887	53520427	1541	37	108.7	8.43	0.87
chrX	53520470	53523537	3068	101	371.39	11.5	0.25
chrX	53524613	53527300	2688	73	217.23	9.96	0.32

chrX	53528809	53530136	1328	29	79.16	6.9	1.22
chrX	53531057	53531751	695	16	52.37	7.66	2.01
chrX	53545926	53546690	765	19	64.75	5.37	1.57
chrX	53564420	53565555	1136	31	100.55	8.43	1.02
chrX	53575505	53576613	1109	26	78.47	7.66	1.25
chrX	53611435	53612210	776	18	57.77	7.66	1.82
chrX	53614101	53615601	1501	32	78.15	6.13	1.26
chrX	53617728	53619269	1542	36	97.11	6.9	1.01
chrX	53622997	53623899	903	21	65.39	8.43	1.55
chrX	53633170	53634358	1189	24	61.67	8.43	1.71
chrX	53648447	53649955	1509	34	88.36	9.96	1.11
chrX	53650341	53651668	1328	36	120.96	9.2	0.85
chrX	53651753	53653444	1692	49	170.28	9.2	0.48
chrX	53653972	53656983	3012	92	322.17	9.96	0.21
chrX	53658008	53658905	898	19	54.36	7.66	1.93
chrX	53678400	53679199	800	18	55.89	6.9	1.86
chrX	53702244	53703043	800	18	55.89	6.9	1.86
chrX	53742399	53743197	799	17	50.27	5.37	2.13
chrX	53777307	53778106	800	21	74.21	8.43	1.37
chrX	53778237	53779099	863	20	62.67	6.9	1.65
chrX	53781313	53782366	1054	24	71.13	8.43	1.42
chrX	53790863	53791665	803	18	55.66	6.13	1.86
chrX	53797509	53798301	793	17	50.71	4.6	2.07
chrX	53823672	53824449	778	18	57.61	8.43	1.83
chrX	53824802	53825797	996	22	64.07	8.43	1.6
chrX	53829810	53830888	1079	24	69.25	7.66	1.48
chrX	53866138	53866957	820	18	54.38	6.9	1.93
chrX	53868967	53869756	790	19	56.66	6.9	1.87
chrX	53960204	53961607	1404	37	120.31	10.73	0.86
chrX	53967876	53968670	795	17	50.56	9.2	2.11
chrX	53970677	53971399	723	16	50.19	6.13	2.13
chrX	53979833	53980516	684	16	53.26	6.9	1.97
chrX	53982481	53983217	737	17	54.95	6.9	1.88
chrX	53993993	53995139	1147	27	81.33	9.2	1.16
chrX	54090790	54091576	787	17	51.14	7.66	2.07
chrX	54119472	54120246	775	17	52.03	5.37	2.03
chrX	54126481	54127199	719	16	50.49	6.13	2.1
chrX	54153628	54154421	794	18	55.28	6.78	1.88
chrX	54155225	54156177	953	19	50.66	6.9	2.07
chrX	54168398	54169253	856	18	51.79	6.13	2.04
chrX	54191084	54192269	1186	28	84.11	7.66	1.14
chrX	54192835	54195081	2247	58	163.82	8.43	0.48
chrX	54202188	54203462	1275	30	88.79	9.2	1.1
chrX	54211003	54212476	1474	35	96.53	7.66	1.02
chrX	54217967	54219568	1602	36	92.78	8.43	1.08
chrX	54245981	54246981	1001	23	69.42	6.13	1.49
chrX	54260336	54261613	1278	30	88.55	6.9	1.11
chrX	54261881	54265317	3437	117	442.2	13.03	0.12
chrX	54266800	54267686	887	20	60.81	6.9	1.71
chrX	54268151	54276347	8197	268	924.68	9.96	0.15
chrX	54283098	54284776	1679	42	121.18	9.2	0.85

chrX	54286609	54287395	787	17	51.14	5.37	2.07
chrX	54291398	54292180	783	17	51.43	6.9	2.06
chrX	54308066	54308943	878	21	67.41	6.9	1.52
chrX	54322035	54323876	1842	48	143.63	10.73	0.58
chrX	54326883	54327647	765	18	58.66	8.43	1.75
chrX	54328915	54329713	799	17	50.27	6.9	2.13
chrX	54332713	54333458	746	17	54.24	6.13	1.95
chrX	54343629	54345615	1987	53	161.71	11.5	0.47
chrX	54349385	54350099	715	16	50.8	6.13	2.06
chrX	54354825	54355796	972	21	60.2	7.66	1.72
chrX	54356903	54357734	832	18	53.5	6.9	1.97
chrX	54370301	54370977	677	20	79.84	7.66	1.21
chrX	54373861	54374690	830	18	53.65	5.37	1.96
chrX	54383693	54385082	1390	36	115.33	10.73	0.87
chrX	54393974	54394773	800	17	50.2	6.9	2.13
chrX	54401345	54402805	1461	36	103.34	6.9	0.92
chrX	54404120	54404920	801	18	55.81	6.9	1.86
chrX	54411938	54412857	920	20	58.36	6.9	1.77
chrX	54421175	54422760	1586	40	116.89	8.43	0.86
chrX	54423685	54424577	893	21	66.19	5.37	1.52
chrX	54427198	54428324	1127	30	101.38	8.43	1
chrX	54429746	54430949	1204	33	113.39	10.73	0.87
chrX	54433293	54434788	1496	35	94.88	6.13	1.06
chrX	54437538	54438751	1214	27	76.24	9.96	1.28
chrX	54439367	54440132	766	17	52.7	6.13	1.97
chrX	54449826	54450673	848	18	52.35	6.9	2.01
chrX	54452047	54453391	1345	35	113.1	6.9	0.86
chrX	54456338	54458069	1732	37	89.33	6.9	1.1
chrX	54461369	54462701	1333	31	78.8	8.43	1.23
chrX	54476506	54477563	1058	21	54.39	6.9	1.93
chrX	54488625	54489467	843	23	83.07	7.66	1.15
chrX	54507306	54508090	785	17	51.29	9.2	2.06
chrX	54525960	54527163	1204	27	76.97	9.96	1.27
chrX	54535895	54536649	755	17	53.54	6.13	1.97
chrX	54537866	54542203	4338	105	271.85	9.2	0.27
chrX	54542446	54543513	1068	24	60.44	5.42	1.73
chrX	54557568	54558226	659	16	55.35	6.13	1.88
chrX	54562211	54563006	796	19	62.12	5.37	1.69
chrX	54571114	54571858	745	18	60.31	9.2	1.73
chrX	54573756	54574663	908	20	59.23	6.9	1.74
chrX	54582453	54584289	1837	51	162.75	9.96	0.48
chrX	54588327	54589134	808	18	55.28	7.66	1.88
chrX	54592547	54594418	1872	48	141.09	8.43	0.58
chrX	54602913	54604076	1164	22	52.99	7.66	1.98
chrX	54604283	54604999	717	17	56.57	7.66	1.87
chrX	54605748	54607565	1818	49	151.89	9.2	0.5
chrX	54618881	54619705	825	18	54.01	6.9	1.95
chrX	54624363	54625295	933	21	63.07	7.66	1.61
chrX	54630320	54631135	816	18	54.68	6.13	1.91
chrX	54642391	54646499	4109	119	376.74	10.73	0.25
chrX	54652362	54653679	1318	33	97.13	6.9	1.02

chrX	54660282	54662263	1982	48	132.22	8.43	0.62
chrX	54662647	54663699	1053	22	60.03	7.66	1.72
chrX	54669309	54670742	1434	32	82.68	8.43	1.15
chrX	54672584	54674303	1720	41	117.91	7.66	0.85
chrX	54695947	54696707	761	21	77.94	7.66	1.27
chrX	54703658	54704559	902	19	54.08	6.13	1.95
chrX	54705042	54706021	980	21	59.63	6.9	1.73
chrX	54756093	54757426	1334	29	78.73	8.43	1.24
chrX	54767293	54769211	1919	44	114.29	8.43	0.86
chrX	54820696	54821720	1025	22	61.98	7.66	1.69
chrX	54847225	54848205	981	25	83.09	8.43	1.15
chrX	54854592	54855601	1010	20	52.24	8.43	2.03
chrX	54897360	54898303	944	23	74	6.9	1.38
chrX	55017422	55018135	714	16	50.88	6.9	2.07
chrX	55020217	55021018	802	17	50.06	7.66	2.14
chrX	55026622	55027706	1085	25	74.52	6.13	1.36
chrX	55033118	55034449	1332	35	108.05	7.66	0.88
chrX	55034730	55037071	2342	58	162.02	6.9	0.48
chrX	55049890	55050696	807	20	67.3	8.43	1.53
chrX	55290144	55291208	1065	22	59.22	7.66	1.74
chrX	55358844	55359829	986	23	70.59	6.9	1.46
chrX	55360905	55361687	783	17	51.43	5.37	2.06
chrX	55361961	55362900	940	23	74.33	9.96	1.36
chrX	55364890	55368624	3735	97	261.35	9.96	0.32
chrX	55369835	55370977	1143	24	64.72	7.66	1.57
chrX	55371615	55372725	1111	27	84.23	6.9	1.15
chrX	55375773	55376599	827	18	53.87	6.9	1.95
chrX	55377300	55381468	4169	129	436.8	13.8	0.12
chrX	55381971	55384176	2206	62	198.35	9.2	0.44
chrX	55389460	55390865	1406	32	84.66	6.13	1.14
chrX	55395281	55396388	1108	28	84.48	7.66	1.14
chrX	55398395	55399277	883	23	79.32	6.9	1.23
chrX	55400534	55402651	2118	58	187.47	8.43	0.46
chrX	55405285	55406914	1630	43	131.34	8.43	0.64
chrX	55407198	55407989	792	17	50.78	5.37	2.07
chrX	55411982	55412631	650	16	56.13	7.66	1.87
chrX	55422370	55423261	892	20	60.43	9.96	1.73
chrX	55423418	55425247	1830	54	182.89	11.5	0.47
chrX	55425971	55426681	711	16	51.11	6.13	2.06
chrX	55428478	55429323	846	18	52.5	7.66	1.98
chrX	55429481	55430732	1252	24	57.75	8.43	1.82
chrX	55441218	55445760	4543	118	313.61	9.2	0.24
chrX	55445998	55446787	790	18	50.92	6.9	2.07
chrX	55450827	55452330	1504	44	156.08	13.03	0.48
chrX	55452843	55454125	1283	30	88.16	8.43	1.1
chrX	55454923	55455721	799	17	50.27	5.37	2.13
chrX	55460662	55461629	968	21	60.49	6.13	1.72
chrX	55464957	55466675	1719	41	112.22	7.66	0.86
chrX	55471517	55476860	5344	169	569.66	12.26	0.08
chrX	55477171	55478578	1408	39	126.27	8.43	0.7
chrX	55481814	55483129	1316	35	115.71	9.2	0.87

chrX	55483496	55484754	1259	27	73.03	6.9	1.4
chrX	55485040	55486692	1653	43	135.49	8.43	0.59
chrX	55487134	55490032	2899	77	235.65	9.2	0.32
chrX	55490120	55493918	3799	97	267.95	9.2	0.33
chrX	55494045	55495714	1670	40	110.23	7.66	0.88
chrX	55497976	55499308	1333	27	68.08	11.5	1.51
chrX	55499774	55504991	5218	183	704.28	12.26	0.11
chrX	55505477	55506770	1294	25	60.25	11.5	1.72
chrX	55507347	55509659	2313	70	246.98	10.73	0.34
chrX	55517947	55518660	714	16	50.88	6.13	2.07
chrX	55521116	55522433	1318	33	103.14	8.43	0.93
chrX	55523115	55526236	3122	90	291.07	10.73	0.26
chrX	55527350	55528182	833	18	53.43	5.37	1.97
chrX	55528942	55533435	4494	139	463.37	11.5	0.07
chrX	55534692	55535521	830	18	53.65	6.13	1.96
chrX	55557614	55558803	1190	26	72.39	7.66	1.41
chrX	55562094	55564339	2246	60	188.34	7.66	0.46
chrX	55570219	55575031	4813	143	450.93	13.8	0.13
chrX	55575418	55576577	1160	25	68.99	6.9	1.49
chrX	55577262	55578904	1643	42	130.21	7.66	0.64
chrX	55585375	55586468	1094	26	79.66	6.9	1.21
chrX	55586500	55587279	780	19	57.45	6.13	1.83
chrX	55610033	55610820	788	17	51.07	6.13	2.08
chrX	55611638	55612836	1199	32	107.45	7.66	0.9
chrX	55623963	55625145	1183	24	62.06	9.2	1.69
chrX	55625973	55627478	1506	35	94.14	8.43	1.08
chrX	55628029	55629028	1000	24	75.38	6.9	1.3
chrX	55630784	55633105	2322	55	140.65	8.43	0.58
chrX	55634022	55635447	1426	33	88.78	5.37	1.1
chrX	55640123	55640966	844	19	58.31	6.9	1.78
chrX	55641050	55642514	1465	37	108.94	8.43	0.87
chrX	55643892	55644750	859	19	57.18	6.9	1.85
chrX	55664745	55666536	1792	47	141.83	7.66	0.59
chrX	55679506	55680997	1492	34	89.57	6.13	1.1
chrX	55683694	55684497	804	18	55.59	5.37	1.87
chrX	55693360	55694275	916	21	64.37	9.96	1.59
chrX	55699029	55700728	1700	43	125.41	9.2	0.71
chrX	55703857	55709103	5247	170	593.95	13.03	0.09
chrX	55709548	55711090	1543	36	97.04	8.43	1.01
chrX	55715862	55717664	1803	53	185.63	10.73	0.48
chrX	55717845	55719922	2078	58	184.83	10.73	0.47
chrX	55721358	55722542	1185	26	72.75	9.96	1.41
chrX	55723891	55724668	778	20	69.86	7.66	1.47
chrX	55725408	55726203	796	17	50.49	7.66	2.11
chrX	55726545	55727578	1034	23	66.92	7.66	1.53
chrX	55727893	55731147	3255	109	413.59	15.33	0.17
chrX	55733421	55734953	1533	41	127.5	9.2	0.68
chrX	55736548	55738273	1726	48	153.99	9.96	0.49
chrX	55738302	55739687	1386	34	91.77	6.9	1.1
chrX	55739887	55740669	783	17	51.43	7.66	2.06
chrX	55740713	55741475	763	17	52.93	5.37	1.98

chrX	55741587	55744682	3096	81	224.81	9.2	0.33
chrX	55745276	55746542	1267	29	83.63	9.2	1.15
chrX	55748073	55749207	1135	29	94.38	6.9	1.08
chrX	55750449	55752076	1628	45	150.41	9.96	0.53
chrX	55754388	55755264	877	18	50.35	6.13	2.12
chrX	55755362	55761597	6236	186	591.28	13.8	0.09
chrX	55761894	55766123	4230	106	291.89	8.43	0.26
chrX	55776528	55777444	917	21	64.3	7.66	1.59
chrX	55777786	55780460	2675	64	165.06	9.2	0.48
chrX	55782271	55783218	948	21	61.95	9.2	1.69
chrX	55783309	55784126	818	20	60.34	7.66	1.73
chrX	55785868	55787237	1370	34	85.53	5.42	1.1
chrX	55788192	55790641	2450	65	195.02	8.43	0.45
chrX	55791091	55792426	1336	32	95.68	6.9	1.04
chrX	55802441	55804046	1606	42	127.29	9.96	0.68
chrX	55806536	55807979	1444	36	104.7	7.66	0.93
chrX	55808534	55809488	955	20	55.88	8.43	1.86
chrX	55810370	55813193	2824	84	287.93	13.03	0.29
chrX	55814462	55818453	3992	116	368.66	10.73	0.25
chrX	55818603	55819910	1308	29	80.59	8.43	1.18
chrX	55821568	55823077	1510	32	99.52	5.37	1.03
chrX	55840081	55841537	1457	34	92.13	6.9	1.1
chrX	55843081	55844852	1772	49	162.46	13.03	0.48
chrX	55845496	55847437	1942	45	118.19	8.43	0.86
chrX	55847556	55848439	884	19	55.35	6.9	1.88
chrX	55853910	55855540	1631	46	150.12	9.2	0.53
chrX	55855605	55860803	5199	176	634.47	15.33	0.1
chrX	55861770	55863228	1459	41	140.76	6.9	0.58
chrX	55863690	55868704	5015	138	400.3	13.03	0.16
chrX	55868821	55870473	1653	46	154.47	8.43	0.47
chrX	55871522	55872819	1298	40	150.67	11.5	0.53
chrX	55872965	55874022	1058	25	70.82	8.43	1.46
chrX	55875448	55881406	5959	189	639.94	12.26	0.1
chrX	55881424	55885752	4329	146	522.84	11.5	0.08
chrX	55885842	55887367	1526	43	140.79	9.2	0.58
chrX	55887899	55889319	1421	42	151.21	12.26	0.51
chrX	55889436	55893659	4224	169	731.29	13.03	0.11
chrX	55893713	55896121	2409	68	217.59	9.96	0.32
chrX	55896515	55898728	2214	71	264.7	9.96	0.33
chrX	55899997	55900808	812	18	54.98	5.37	1.88
chrX	55900899	55905033	4135	125	400.28	13.03	0.16
chrX	55906057	55907106	1050	25	77.28	6.13	1.28
chrX	56103975	56109007	5033	182	720.29	11.5	0.11
chrX	56109200	56114662	5463	148	416.27	9.96	0.11
chrX	56115076	56116233	1158	28	86.36	9.2	1.11
chrX	56117406	56118707	1302	29	81.03	9.96	1.19
chrX	56119074	56119674	601	18	74.21	9.2	1.37
chrX	56120043	56121270	1228	31	98.63	9.2	1.02
chrX	56123560	56127778	4219	119	366.28	11.5	0.24
chrX	56133158	56134399	1242	26	68.78	8.43	1.49
chrX	56135153	56136505	1353	39	138.1	11.5	0.57

chrX	56137720	56143138	5419	148	426.23	9.96	0.12
chrX	56143155	56143853	699	17	52.05	6.9	2.03
chrX	56144545	56146819	2275	89	391.1	15.33	0.16
chrX	56146910	56149905	2996	101	386.97	13.03	0.21
chrX	56150212	56152927	2716	64	162.03	7.66	0.48
chrX	56155902	56156703	802	21	74.02	8.43	1.38
chrX	56158624	56160122	1499	46	170.19	13.8	0.48
chrX	56160647	56162013	1367	40	143.35	9.96	0.57
chrX	56164794	56165775	982	24	76.87	9.2	1.27
chrX	56170905	56173023	2119	59	187.37	9.2	0.46
chrX	56173964	56174649	686	17	59.21	7.66	1.73
chrX	56182842	56183737	896	23	78.14	6.13	1.26
chrX	56186519	56187803	1285	26	65.95	7.66	1.51
chrX	56187942	56189283	1342	32	95.2	7.66	1.04
chrX	56190246	56191148	903	21	65.39	6.13	1.55
chrX	56191181	56192125	945	24	73.91	7.66	1.38
chrX	56203405	56204126	722	16	50.26	5.37	2.13
chrX	56208819	56209706	888	20	60.73	5.37	1.73
chrX	56214733	56215636	904	19	53.94	6.9	1.94
chrX	56225057	56226062	1006	22	63.34	9.2	1.62
chrX	56233893	56236174	2282	58	166.9	7.66	0.47
chrX	56252529	56253310	782	17	51.51	8.43	2.05
chrX	56259850	56261292	1443	34	93.17	6.9	1.06
chrX	56267833	56268702	870	19	56.37	7.66	1.87
chrX	56269392	56270329	938	20	57.07	8.43	1.86
chrX	56272738	56274106	1369	33	98.93	9.96	1.02
chrX	56275792	56278047	2256	65	212.92	8.43	0.37
chrX	56280432	56281661	1230	28	80.71	8.43	1.19
chrX	56290923	56292360	1438	33	93.55	9.96	1.07
chrX	56294674	56295446	773	17	52.17	6.9	2.04
chrX	56304158	56305362	1205	26	71.33	10.73	1.42
chrX	56306266	56307031	766	18	58.57	7.66	1.74
chrX	56330774	56332926	2153	54	153.7	11.5	0.49
chrX	56334977	56336133	1157	26	74.8	8.43	1.35
chrX	56367894	56369261	1368	37	123.61	10.73	0.76
chrX	56378178	56378957	780	19	63.46	6.9	1.61
chrX	56383797	56384591	795	17	50.56	5.37	2.11
chrX	56405152	56406645	1494	39	118.58	9.96	0.86
chrX	56410595	56411456	862	19	56.96	6.13	1.88
chrX	56413390	56415645	2256	60	181.24	8.43	0.46
chrX	56418123	56419703	1581	41	123.33	8.43	0.76
chrX	56422997	56427075	4079	112	322.69	12.26	0.21
chrX	56427091	56429847	2757	75	217.33	10.73	0.32
chrX	56430438	56436217	5780	165	499.76	9.2	0.07
chrX	56438613	56439775	1163	30	98.12	12.26	1.03
chrX	56443331	56444796	1466	32	75.18	5.37	1.31
chrX	56445286	56447076	1791	44	123.97	9.96	0.73
chrX	56447157	56449177	2021	61	203.39	16.1	0.4
chrX	56453044	56453907	864	20	62.59	6.13	1.67
chrX	56456487	56458846	2360	65	203.08	11.5	0.4
chrX	56459335	56460564	1230	26	69.59	8.43	1.46

chrX	56463534	56466774	3241	82	218.95	9.96	0.32
chrX	56466836	56467510	675	17	54	6.13	1.94
chrX	56469073	56475460	6388	211	758.63	13.03	0.12
chrX	56476581	56478538	1958	53	158.09	10.73	0.48
chrX	56479289	56481512	2224	60	184.08	10.73	0.47
chrX	56482143	56486148	4006	183	880.24	14.56	0.14
chrX	56487901	56490458	2558	66	185.84	9.96	0.48
chrX	56496107	56497435	1329	27	68.34	10.73	1.51
chrX	56499102	56499946	845	19	58.24	9.2	1.78
chrX	56500295	56502250	1956	52	158.26	8.43	0.48
chrX	56503284	56504121	838	18	53.07	5.37	1.98
chrX	56507449	56508511	1063	22	59.36	6.9	1.73
chrX	56514988	56517667	2680	63	176.07	9.96	0.45
chrX	56522569	56525300	2732	77	244.67	7.66	0.33
chrX	56529610	56530780	1171	27	79.46	9.2	1.22
chrX	56544047	56545272	1226	26	69.87	9.2	1.47
chrX	56550468	56551429	962	24	78.57	12.26	1.25
chrX	56552279	56553379	1101	28	91.17	6.9	1.12
chrX	56554725	56555623	899	24	84.22	7.66	1.15
chrX	56561628	56562429	802	17	50.06	6.9	2.14
chrX	56567461	56568399	939	20	57	7.66	1.87
chrX	56569917	56572960	3044	83	266.38	9.96	0.33
chrX	56572966	56573791	826	19	53.94	6.13	1.94
chrX	56574167	56575013	847	18	52.43	5.37	1.99
chrX	56599475	56600589	1115	24	66.66	8.43	1.52
chrX	56608740	56609586	847	20	63.95	6.13	1.62
chrX	56613404	56614284	881	20	61.27	5.37	1.71
chrX	56614324	56615405	1082	30	105.64	9.2	0.92
chrX	56615433	56616277	845	21	64.11	6.13	1.6
chrX	56619744	56621418	1675	39	104.17	7.66	0.92
chrX	56637280	56638120	841	20	64.44	6.9	1.59
chrX	56645353	56646200	848	19	58.01	5.37	1.81
chrX	56647690	56648481	792	17	50.78	7.66	2.07
chrX	56654221	56655194	974	20	54.59	7.66	1.9
chrX	56655515	56656456	942	21	62.39	8.43	1.68
chrX	56657413	56658209	797	19	62.04	7.66	1.69
chrX	56659280	56660112	833	18	53.43	5.37	1.97
chrX	56670374	56672001	1628	40	113.5	6.9	0.87
chrX	56681050	56682149	1100	23	53.25	7.45	1.97
chrX	56713266	56714033	768	18	58.41	6.9	1.77
chrX	56729667	56730542	876	20	61.65	8.43	1.71
chrX	56731289	56732456	1168	27	79.69	8.43	1.21
chrX	56735727	56736914	1188	23	56.58	7.66	1.87
chrX	56738263	56739215	953	22	67.32	8.43	1.53
chrX	56741971	56744804	2834	68	170.13	6.9	0.48
chrX	56745912	56747118	1207	30	94.32	8.43	1.08
chrX	56754197	56754968	772	17	52.25	5.37	2.03
chrX	56755483	56758327	2845	74	209.82	8.43	0.36
chrX	56759876	56760734	859	18	51.58	6.13	2.04
chrX	56761242	56762022	781	17	51.58	6.13	2.04
chrX	56773461	56774351	891	19	54.86	8.43	1.88

chrX	56801540	56802260	721	18	62.38	7.66	1.68
chrX	56805423	56806277	855	19	57.48	7.66	1.83
chrX	56806557	56808060	1504	39	117.73	9.96	0.85
chrX	56810522	56811280	759	17	53.23	6.13	1.97
chrX	56820777	56821578	802	17	50.06	4.6	2.14
chrX	56822204	56823182	979	24	77.12	6.13	1.27
chrX	56824457	56825306	850	18	52.21	6.9	2.03
chrX	56826757	56828159	1403	35	108.08	8.43	0.88
chrX	56829696	56830632	937	21	62.77	6.9	1.64
chrX	56831591	56832894	1304	30	86.55	9.96	1.12
chrX	56833290	56834175	886	23	72.81	8.43	1.39
chrX	56836335	56838873	2539	74	250.47	8.43	0.34
chrX	56838946	56840249	1304	33	104.34	10.73	0.92
chrX	56840977	56841765	789	17	50.99	6.13	2.07
chrX	56842130	56848627	6498	204	684.32	11.5	0.11
chrX	56851748	56852631	884	19	55.35	6.9	1.88
chrX	56861934	56863498	1565	34	84.51	7.66	1.14
chrX	56863505	56864611	1107	27	78.63	6.13	1.24
chrX	56879103	56883038	3936	107	323.04	9.96	0.21
chrX	56916561	56917355	795	17	50.56	7.66	2.11
chrX	56921919	56922941	1023	26	85.61	7.66	1.1
chrX	56934968	56935671	704	19	70.34	9.96	1.47
chrX	56939439	56940226	788	17	51.07	6.9	2.08
chrX	56957695	56959116	1422	33	89.08	6.9	1.09
chrX	56959696	56960488	793	18	56.43	6.9	1.87
chrX	56962819	56963625	807	19	61.22	7.66	1.71
chrX	56969686	56970776	1091	26	79.9	7.66	1.2
chrX	56971146	56972346	1201	24	60.9	7.66	1.72
chrX	56975372	56976168	797	17	50.42	5.37	2.12
chrX	56976213	56977514	1302	27	64.86	8.43	1.57
chrX	56978665	56982659	3995	116	394.57	11.5	0.16
chrX	56987697	56988478	782	17	51.51	6.9	2.05
chrX	56995102	56995818	717	16	50.65	7.66	2.1
chrX	57011792	57012567	776	19	63.8	7.66	1.61
chrX	57017274	57018052	779	17	51.73	6.13	2.04
chrX	57023438	57024230	793	18	56.43	6.9	1.87
chrX	57030699	57031961	1263	30	89.74	8.43	1.1
chrX	57059816	57060875	1060	23	65.03	6.9	1.55
chrX	57063045	57064263	1219	28	81.55	7.66	1.17
chrX	57069114	57069939	826	20	65.68	6.9	1.52
chrX	57085334	57086201	868	20	62.28	6.13	1.69
chrX	57101705	57104041	2337	65	211.59	10.73	0.36
chrX	57104092	57105069	978	24	71.22	6.9	1.42
chrX	57108644	57109509	866	19	56.66	7.66	1.87
chrX	57110707	57112497	1791	39	96.01	7.66	1.02
chrX	57118366	57119376	1011	22	62.98	8.43	1.62
chrX	57121492	57123056	1565	38	106.81	8.43	0.91
chrX	57134273	57135063	791	17	50.85	6.13	2.07
chrX	57135658	57136452	795	18	56.28	6.9	1.87
chrX	57137926	57139570	1645	48	168.39	8.43	0.47
chrX	57141209	57142467	1259	27	73.03	9.2	1.4

chrX	57150170	57151126	957	20	55.75	7.66	1.86
chrX	57158839	57159929	1091	24	68.38	5.37	1.51
chrX	57170871	57171766	896	20	60.13	6.9	1.72
chrX	57177470	57178370	901	20	59.75	7.66	1.71
chrX	57182442	57185183	2742	73	218.64	10.73	0.32
chrX	57185582	57187431	1850	49	155.26	7.66	0.47
chrX	57188804	57191125	2322	76	287.62	10.73	0.29
chrX	57194374	57195152	779	17	51.73	8.43	2.04
chrX	57197888	57199667	1780	46	136.77	8.43	0.58
chrX	57200021	57202948	2928	75	208.91	9.2	0.36
chrX	57204882	57209244	4363	148	540.18	11.5	0.08
chrX	57209336	57210251	916	23	70.29	6.9	1.47
chrX	57213999	57215492	1494	35	95.03	6.9	1.04
chrX	57217102	57217956	855	19	57.48	5.37	1.83
chrX	57219389	57220176	788	20	68.96	6.9	1.49
chrX	57221997	57223144	1148	23	59.08	8.43	1.75
chrX	57223705	57224774	1070	22	58.89	7.66	1.75
chrX	57225890	57227049	1160	35	131.17	10.73	0.64
chrX	57229951	57231809	1859	44	118.72	7.66	0.86
chrX	57231819	57233776	1958	51	151.96	9.2	0.5
chrX	57236680	57237795	1116	24	66.59	7.66	1.52
chrX	57245539	57246423	885	20	60.96	8.43	1.72
chrX	57251503	57253272	1770	41	108.41	6.13	0.88
chrX	57255505	57258254	2750	69	224.12	13.03	0.33
chrX	57259841	57260624	784	18	57.13	6.13	1.86
chrX	57269326	57270307	982	22	65.11	6.13	1.56
chrX	57277157	57277885	729	17	55.59	6.9	1.86
chrX	57280748	57281746	999	23	69.57	6.9	1.47
chrX	57282547	57283370	824	18	54.09	6.9	1.95
chrX	57283382	57287754	4373	144	510.79	12.26	0.07
chrX	57288289	57289409	1121	27	83.42	7.66	1.15
chrX	57302970	57305569	2600	68	200.37	7.66	0.42
chrX	57312830	57313985	1156	23	58.57	8.43	1.74
chrX	57331528	57334091	2564	83	309.26	9.96	0.24
chrX	57335229	57339694	4466	132	419.85	9.96	0.11
chrX	57348533	57349770	1238	30	91.75	6.9	1.1
chrX	57349784	57350489	706	17	51.5	8.43	2.05
chrX	57359382	57360947	1566	36	95.35	6.9	1.03
chrX	57420468	57421377	910	19	53.53	6.9	1.97
chrX	57421393	57422150	758	18	59.23	6.13	1.74
chrX	57448381	57449209	829	18	53.72	6.13	1.96
chrX	57536858	57537710	853	20	63.47	7.66	1.6
chrX	57544062	57544861	800	17	50.2	6.13	2.13
chrX	57570390	57571305	916	22	70.29	7.66	1.47
chrX	57572033	57572740	708	16	51.34	6.13	2.05
chrX	57572846	57573705	860	18	51.51	6.13	2.05
chrX	57578623	57579410	788	18	56.82	6.9	1.87
chrX	57586154	57587796	1643	35	84.64	6.9	1.14
chrX	57589072	57591241	2170	50	140.73	6.13	0.58
chrX	57597332	57598801	1470	36	108.52	9.2	0.87
chrX	57599339	57609278	9940	394	1642.97	17.63	0

chrX	57614766	57615528	763	19	64.92	6.9	1.56
chrX	57616850	57617624	775	17	52.03	6.9	2.03
chrX	57623876	57625818	1943	75	328.79	15.33	0.21
chrX	57627271	57632729	5459	206	845.08	11.5	0.14
chrX	57632831	57636864	4034	152	618.32	13.03	0.09
chrX	57637330	57638090	761	17	53.08	9.2	1.98
chrX	57638100	57640723	2624	64	163.23	9.2	0.48
chrX	57642053	57643370	1318	44	169.54	10.73	0.48
chrX	57644557	57645297	741	17	54.63	7.66	1.9
chrX	57652792	57654819	2028	55	170.49	8.43	0.48
chrX	57655512	57656829	1318	30	85.49	6.9	1.1
chrX	57658517	57660624	2108	55	163.46	9.96	0.48
chrX	57693756	57695102	1347	35	106.76	6.9	0.91
chrX	57709232	57710473	1242	25	63.49	9.96	1.61
chrX	57711808	57713180	1373	33	98.6	7.66	1.02
chrX	57715492	57716288	797	19	62.04	6.9	1.69
chrX	57716494	57717789	1296	29	81.47	7.66	1.17
chrX	57745191	57746214	1024	23	67.67	7.66	1.51
chrX	57747652	57748391	740	17	54.71	5.37	1.9
chrX	57753261	57754036	776	17	51.95	6.13	2.03
chrX	57763489	57764508	1020	25	79.74	7.66	1.21
chrX	57771642	57773098	1457	34	97.83	8.43	1.02
chrX	57795756	57796567	812	18	54.98	6.13	1.88
chrX	57799483	57800362	880	22	73.33	7.66	1.39
chrX	57804539	57806511	1973	45	115.95	7.66	0.87
chrX	57807990	57809217	1228	26	69.73	8.43	1.47
chrX	57840555	57843149	2595	81	291.85	9.2	0.26
chrX	57843174	57844559	1386	39	128.33	9.96	0.67
chrX	57877433	57878257	825	22	78.3	6.9	1.25
chrX	57985995	57986906	912	22	70.62	6.9	1.46
chrX	58001412	58002438	1027	23	67.44	8.43	1.52
chrX	58084871	58085825	955	27	98.41	9.96	1.02
chrX	58148362	58149515	1154	23	53.58	9.2	1.96
chrX	58184326	58185069	744	17	54.4	6.9	1.92
chrX	58284556	58286619	2064	52	149.11	7.66	0.53
chrX	58288926	58290224	1299	32	92.75	9.96	1.08
chrX	58302722	58303560	839	19	58.7	5.37	1.75
chrX	58316169	58317029	861	19	57.03	6.9	1.86
chrX	58317724	58319370	1647	36	89.68	6.9	1.1
chrX	58347310	58349042	1733	45	140.82	10.73	0.58
chrX	58351202	58352479	1278	29	82.8	9.2	1.15
chrX	58354457	58355300	844	18	52.64	9.2	1.97
chrX	58355598	58356385	788	18	51.07	6.13	2.08
chrX	58356775	58357754	980	23	71.06	8.43	1.43
chrX	58358397	58359472	1076	22	58.49	6.9	1.75
chrX	58384034	58385511	1478	32	79.67	6.9	1.21
chrX	58395272	58396162	891	20	60.51	6.9	1.73
chrX	58397404	58399212	1809	41	105.6	9.2	0.92
chrX	58409364	58410829	1466	35	97.14	7.66	1.02
chrX	58418788	58419974	1187	38	142.07	12.26	0.59
chrX	58447044	58447938	895	21	66.03	6.9	1.51

chrX	58448719	58449494	776	24	96.88	10.73	1.01
chrX	58455467	58456294	828	21	71.67	7.66	1.42
chrX	58463718	58464508	791	17	50.85	6.13	2.07
chrX	58465252	58468816	3565	96	281.74	8.43	0.28
chrX	58470429	58472955	2527	68	212.99	9.2	0.37
chrX	58476597	58477568	972	23	71.7	6.9	1.41
chrX	58512609	58514188	1580	42	135.78	9.2	0.59
chrX	58535818	58536625	808	19	61.14	6.9	1.73
chrX	58541603	58543553	1951	42	101.26	9.2	1.01
chrX	58573815	58574536	722	18	62.29	6.13	1.68
chrX	58581347	58582957	1611	46	152.04	9.96	0.5
chrX	58583032	58584605	1574	39	117.88	9.2	0.85
chrX	58586461	58587845	1385	33	97.65	7.66	1.02
chrX	58608993	58610420	1428	33	88.64	7.66	1.1
chrX	58619260	58620019	760	19	65.19	5.37	1.56
chrX	58638086	58640207	2122	51	138.67	6.9	0.57
chrX	58648147	58649433	1287	29	82.13	8.43	1.16
chrX	58654428	58655254	827	23	84.64	9.2	1.14
chrX	58679647	58681092	1446	38	122.8	7.66	0.79
chrX	58684230	58687463	3234	104	380.59	9.2	0.21
chrX	58687694	58691226	3533	106	335.48	10.73	0.22
chrX	58691260	58693838	2579	84	293.61	10.73	0.22
chrX	58693898	58695028	1131	32	107.42	8.43	0.9
chrX	58698617	58699590	974	23	71.54	7.66	1.42
chrX	58703181	58704391	1211	29	88	6.9	1.1
chrX	58744189	58745799	1611	39	109.02	6.9	0.87
chrX	58766268	58767184	917	21	64.3	6.9	1.59
chrX	58768510	58769296	787	20	69.05	6.13	1.49
chrX	58809813	58810613	801	17	50.13	6.9	2.13
chrX	58812639	58813734	1096	26	79.5	8.43	1.21
chrX	58824595	58825434	840	18	52.92	6.9	1.97
chrX	58834995	58835794	800	19	61.79	6.9	1.7
chrX	58837566	58838414	849	19	57.93	6.13	1.8
chrX	58848308	58849104	797	18	56.12	8.43	1.86
chrX	58853674	58855286	1613	42	126.69	9.2	0.69
chrX	58857348	58858741	1394	35	102.83	6.9	0.94
chrX	58858783	58859609	827	20	59.63	7.66	1.72
chrX	58874753	58875549	797	19	62.04	6.9	1.69
chrX	58876833	58878101	1269	36	126.65	8.43	0.69
chrX	58901816	58903274	1459	38	115.48	10.73	0.87
chrX	58906349	58908618	2270	60	173.92	7.66	0.45
chrX	58920636	58921781	1146	26	75.62	7.66	1.3
chrX	58981637	58982919	1283	27	71.38	8.43	1.43
chrX	59004737	59005572	836	19	58.93	6.9	1.76
chrX	59074344	59075252	909	20	59.16	6.9	1.75
chrX	59078724	59080361	1638	42	124.57	8.43	0.71
chrX	59081409	59082218	810	20	60.98	6.9	1.72
chrX	59087416	59088154	739	17	54.79	6.13	1.89
chrX	59088800	59090542	1743	47	152.42	8.43	0.5
chrX	59107946	59108757	812	18	54.98	5.37	1.88
chrX	59109974	59110672	699	16	52.05	6.9	2.03

chrX	59128476	59129450	975	22	65.63	6.9	1.52
chrX	59133358	59134151	794	19	62.29	6.9	1.68
chrX	59146792	59148100	1309	29	80.52	6.9	1.18
chrX	59158876	59160573	1698	38	96.98	6.13	1.01
chrX	59161626	59162446	821	19	60.1	6.13	1.72
chrX	59168183	59168975	793	17	50.71	6.9	2.07
chrX	59188446	59189719	1274	30	88.87	8.43	1.1
chrX	59192011	59193019	1009	25	80.67	7.66	1.19
chrX	59194325	59195473	1149	27	81.17	7.66	1.17
chrX	59198792	59200217	1426	34	94.46	6.13	1.08
chrX	59200887	59201665	779	18	57.53	6.9	1.82
chrX	59212337	59213579	1243	24	58.3	11.5	1.78
chrX	59219992	59221578	1587	38	105.11	6.13	0.93
chrX	59221848	59222711	864	19	56.81	4.6	1.87
chrX	59222787	59223855	1069	21	53.7	6.13	1.96
chrX	59236307	59237293	987	20	53.73	6.9	1.96
chrX	59269087	59273163	4077	107	298.55	9.96	0.23
chrX	59290758	59291612	855	18	51.86	9.2	2.04
chrX	59318913	59320174	1262	30	89.82	8.43	1.1
chrX	59323398	59324189	792	18	56.51	6.9	1.87
chrX	59329160	59329882	723	18	62.2	7.66	1.69
chrX	59331150	59331885	736	19	67.33	7.66	1.53
chrX	59388780	59389581	802	20	67.73	7.66	1.51
chrX	59389699	59390590	892	21	66.27	7.66	1.52
chrX	59413159	59414383	1225	34	117.86	6.9	0.85
chrX	59429181	59429931	751	17	53.85	6.9	1.95
chrX	59455790	59456804	1015	23	68.34	6.9	1.51
chrX	59494911	59495577	667	17	60.9	7.66	1.72
chrX	59500373	59501240	868	18	50.96	6.9	2.07
chrX	59538798	59539701	904	21	65.31	5.37	1.54
chrX	59543916	59544828	913	21	64.61	6.9	1.57
chrX	59576272	59577361	1090	23	62.93	6.9	1.62
chrX	59589987	59590863	877	19	55.86	6.13	1.86
chrX	59591622	59592932	1311	32	97.7	6.9	1.02
chrX	59604442	59605337	896	21	65.95	6.13	1.51
chrX	59648558	59649511	954	23	73.17	7.66	1.39
chrX	59694895	59696767	1873	51	159.44	8.43	0.47
chrX	59711393	59712114	722	16	50.26	6.13	2.13
chrX	59719143	59719942	800	17	50.2	6.13	2.13
chrX	59745317	59746150	834	18	53.36	6.13	1.98
chrX	59757274	59758581	1308	31	92.03	7.66	1.1
chrX	59765122	59766064	943	21	62.32	8.43	1.68
chrX	59782621	59783357	737	17	54.95	6.9	1.88
chrX	59786008	59788105	2098	53	152.26	8.43	0.5
chrX	59788624	59790712	2089	53	147.08	6.9	0.57
chrX	59790762	59792155	1394	39	127.58	9.2	0.68
chrX	59795333	59796152	820	18	54.38	5.37	1.93
chrX	59797267	59798110	844	18	52.64	6.9	1.97
chrX	59800028	59801169	1142	24	64.79	11.5	1.57
chrX	59804104	59804885	782	17	51.51	6.13	2.05
chrX	59818401	59819584	1184	30	96.28	8.43	1.02

chrX	59848977	59849779	803	18	55.66	6.13	1.86
chrX	59856338	59857159	822	18	54.24	6.9	1.94
chrX	59881813	59882725	913	20	58.87	6.13	1.75
chrX	59912591	59913392	802	18	55.74	6.13	1.87
chrX	59925677	59926498	822	19	54.24	7.66	1.94
chrX	59975281	59975943	663	17	61.27	7.66	1.71
chrX	60108660	60109696	1037	21	55.75	9.2	1.86
chrX	60157940	60158798	859	21	68.99	8.43	1.49
chrX	60174976	60175648	673	16	54.16	8.43	1.95
chrX	60200764	60201617	854	18	51.93	8.43	2.03
chrX	60250334	60251480	1147	27	81.33	6.13	1.16
chrX	60251943	60253340	1398	36	114.62	9.96	0.86
chrX	60254185	60255125	941	21	62.47	7.66	1.68
chrX	60279837	60280624	788	17	51.07	5.37	2.08
chrX	60327104	60327876	773	17	52.17	6.13	2.04
chrX	60335431	60336242	812	18	54.98	6.9	1.88
chrX	60340177	60340883	707	16	51.42	6.9	2.06
chrX	60341641	60342435	795	18	55.28	6.79	1.88
chrX	60364537	60365428	892	19	54.78	6.9	1.89
chrX	60380381	60382112	1732	52	179.54	11.5	0.46
chrX	60398321	60399020	700	17	58	6.9	1.81
chrX	60404441	60405786	1346	36	113.01	9.2	0.86
chrX	60405896	60406791	896	20	60.13	7.66	1.72
chrX	60442395	60443604	1210	24	60.33	9.96	1.73
chrX	60467928	60468699	772	17	52.25	7.66	2.03
chrX	60515699	60516537	839	18	53	7.66	1.98
chrX	60533952	60534937	986	22	64.81	7.66	1.57
chrX	60540154	60541024	871	19	56.3	6.9	1.87
chrX	60569516	60570199	684	16	53.26	9.2	1.97
chrX	60572648	60574633	1986	49	137.72	9.2	0.58
chrX	60587470	60588395	926	21	63.6	8.43	1.61
chrX	60614435	60615304	870	18	50.82	6.9	2.07
chrX	60690892	60691865	974	23	71.54	6.9	1.42
chrX	60855118	60855907	790	17	50.92	5.37	2.07
chrX	60858722	60859513	792	17	50.78	5.37	2.07
chrX	60909767	60911283	1517	45	161.46	9.96	0.47
chrX	60953348	60954154	807	18	55.36	6.9	1.88
chrX	60987976	60989024	1049	21	54.97	6.13	1.88
chrX	61045283	61046057	775	18	57.85	7.66	1.81
chrX	61095311	61096679	1369	30	81.76	9.2	1.17
chrX	61211919	61212708	790	17	50.92	4.6	2.07
chrX	61218207	61218952	746	17	54.24	7.66	1.95
chrX	61228823	61229851	1029	26	85.09	7.66	1.12
chrX	61240856	61241854	999	25	81.53	7.66	1.17
chrX	61246031	61246908	878	18	50.28	6.13	2.13
chrX	61278005	61278964	960	19	50.21	7.66	2.13
chrX	61280142	61280979	838	19	58.77	6.9	1.75
chrX	61288356	61289819	1464	36	103.1	6.9	0.93
chrX	61297718	61298497	780	17	51.65	6.13	2.04
chrX	61302952	61303912	961	21	60.99	6.9	1.72
chrX	61310237	61311150	914	19	53.25	7.66	1.97

chrX	61317388	61318159	772	19	64.14	8.43	1.59
chrX	61319372	61320375	1004	25	81.1	8.43	1.17
chrX	61381499	61382215	717	18	62.73	7.66	1.66
chrX	61426060	61427535	1476	36	102.15	6.9	0.97
chrX	61480407	61481646	1240	25	63.62	7.66	1.61
chrX	61481804	61483293	1490	33	84.23	7.66	1.15
chrX	61487056	61487863	808	18	55.28	9.2	1.88
chrX	61494833	61496067	1235	28	80.34	7.66	1.19
chrX	61508890	61509872	983	24	76.79	6.9	1.27
chrX	61510307	61511445	1139	25	70.49	8.43	1.47
chrX	61538701	61539681	981	23	70.98	7.66	1.45
chrX	61555484	61556198	715	16	50.8	7.66	2.06
chrX	61557162	61558046	885	19	55.28	7.66	1.88
chrX	61615486	61616322	837	19	58.85	7.66	1.75
chrX	61665582	61666426	845	18	52.57	5.37	1.99
chrX	61679369	61680647	1279	28	77.12	7.66	1.27
chrX	61727600	61728441	842	18	52.78	5.37	1.97
chrX	61733965	61734843	879	20	61.42	8.43	1.71
chrX	61735126	61735944	819	20	66.27	6.9	1.52
chrX	61799627	61800805	1179	24	62.32	9.2	1.68
chrX	61801488	61802321	834	18	53.36	6.13	1.98
chrX	61837461	61838364	904	19	53.94	8.43	1.94
chrX	61842925	61843809	885	20	60.96	6.9	1.72
chrX	61970815	61971513	699	16	52.05	5.37	2.03
chrX	62025869	62026939	1071	22	58.82	7.66	1.75
chrX	62038228	62039026	799	17	50.27	6.9	2.13
chrX	62049609	62050969	1361	38	130.73	10.73	0.63
chrX	62074521	62075392	872	20	61.96	6.9	1.69
chrX	62085295	62086421	1127	28	82.93	8.43	1.15
chrX	62115127	62115821	695	17	58.43	7.66	1.77
chrX	62133268	62134182	915	23	76.47	6.9	1.27
chrX	62136109	62137258	1150	28	87.01	6.13	1.12
chrX	62138752	62139897	1146	25	69.99	8.43	1.47
chrX	62160863	62161620	758	17	53.31	6.9	1.97
chrX	62182569	62183355	787	17	51.14	6.13	2.07
chrX	62272056	62272944	889	19	55	7.66	1.88
chrX	62377106	62377953	848	19	58.01	5.37	1.81
chrX	62384275	62385279	1005	22	63.41	7.66	1.61
chrX	62412423	62413501	1079	21	53.08	7.66	1.98
chrX	62425661	62426582	922	19	52.71	6.13	1.97
chrX	62437714	62438396	683	16	53.34	6.9	1.98
chrX	62438739	62439536	798	18	56.05	6.9	1.86
chrX	62512005	62512830	826	20	65.68	6.13	1.52
chrX	62535324	62536300	977	21	59.84	8.43	1.72
chrX	62568448	62570037	1590	39	110.67	6.9	0.85
chrX	62630427	62631167	741	18	60.65	8.43	1.72
chrX	62740526	62742162	1637	40	118.67	9.2	0.86
chrX	62756903	62757747	845	19	58.24	7.66	1.78
chrX	62763466	62764140	675	16	54	7.66	1.94
chrX	62783357	62784190	834	18	53.36	6.13	1.98
chrX	62797000	62797714	715	16	50.8	7.66	2.06

chrX	62799903	62800802	900	22	71.62	6.9	1.42
chrX	62829951	62830654	704	17	57.66	8.43	1.83
chrX	62878974	62879720	747	18	60.14	6.9	1.72
chrX	62883717	62884881	1165	24	63.24	6.9	1.62
chrX	62888591	62889546	956	22	67.09	7.66	1.53
chrX	62891732	62892598	867	19	56.59	6.9	1.87
chrX	62992724	62993537	814	18	54.83	6.13	1.89
chrX	62994921	62996051	1131	27	76.76	7.66	1.27
chrX	63000126	63001765	1640	42	124.4	8.43	0.71
chrX	63003617	63004299	683	16	53.34	7.66	1.98
chrX	63021981	63022965	985	22	64.88	7.66	1.56
chrX	63053287	63054349	1063	22	59.36	6.9	1.73
chrX	63070505	63071301	797	17	50.42	6.13	2.12
chrX	63075474	63076250	777	18	57.69	6.13	1.83
chrX	63083882	63084721	840	18	52.92	6.9	1.97
chrX	63089793	63090509	717	16	50.65	6.9	2.1
chrX	63094062	63094905	844	18	52.64	5.37	1.97
chrX	63095003	63095901	899	21	65.71	6.9	1.52
chrX	63103433	63104233	801	21	74.12	8.43	1.37
chrX	63119114	63120482	1369	32	87.36	7.66	1.12
chrX	63139107	63141066	1960	55	176.75	10.73	0.45
chrX	63141089	63143319	2231	81	327.99	13.03	0.21
chrX	63147548	63148430	883	25	92.33	13.03	1.09
chrX	63168272	63169701	1430	32	77.55	6.9	1.27
chrX	63185330	63186565	1236	31	97.94	8.43	1.02
chrX	63198092	63199867	1776	48	149.42	9.2	0.53
chrX	63226709	63227403	695	18	64.72	7.66	1.57
chrX	63233334	63234549	1216	35	125.33	6.9	0.71
chrX	63234599	63235392	794	18	50.63	6.9	2.1
chrX	63237192	63238652	1461	34	91.83	7.66	1.1
chrX	63305223	63305998	776	17	51.95	6.13	2.03
chrX	63345030	63345734	705	16	51.58	6.9	2.04
chrX	63366487	63367112	626	16	58.27	6.9	1.78
chrX	63367436	63368281	846	20	64.03	7.66	1.6
chrX	63401228	63402048	821	18	54.31	5.37	1.94
chrX	63402781	63404522	1742	38	93.96	7.66	1.07
chrX	63405788	63406764	977	20	54.39	6.13	1.93
chrX	63408879	63410014	1136	22	54.67	9.2	1.9
chrX	63443434	63445399	1966	48	133.47	9.2	0.63
chrX	63466182	63466986	805	19	61.39	9.2	1.71
chrX	63479618	63480407	790	17	50.92	6.13	2.07
chrX	63491985	63493013	1029	26	85.09	6.9	1.12
chrX	63493395	63495029	1635	42	124.82	8.43	0.71
chrX	63508116	63509070	955	20	55.88	6.13	1.86
chrX	63520387	63521426	1040	23	66.48	6.9	1.52
chrX	63523409	63524939	1531	37	103.66	6.9	0.92
chrX	63527898	63529036	1139	24	64.99	6.9	1.55
chrX	63543990	63544947	958	19	50.33	6.9	2.12
chrX	63547482	63548873	1392	35	102.99	6.13	0.93
chrX	63558298	63559115	818	19	60.34	6.13	1.73
chrX	63559666	63560958	1293	30	87.39	6.9	1.12

chrX	63564802	63565616	815	19	60.58	6.9	1.72
chrX	63600633	63601552	920	26	95.27	11.5	1.03
chrX	63602145	63603001	857	19	57.33	9.96	1.83
chrX	63606489	63607285	797	17	50.42	6.9	2.12
chrX	63621395	63622180	786	20	69.14	7.66	1.48
chrX	63633944	63634728	785	17	51.29	5.37	2.06
chrX	63635313	63637416	2104	49	128.69	8.43	0.65
chrX	63645254	63645990	737	18	60.99	7.66	1.72
chrX	63685916	63687607	1692	42	120.13	7.66	0.86
chrX	63694668	63695664	997	22	63.99	7.66	1.6
chrX	63701940	63702743	804	20	59.12	6.1	1.75
chrX	63713971	63714708	738	17	54.87	6.13	1.88
chrX	63716286	63717195	910	19	53.53	6.9	1.97
chrX	63725677	63726706	1030	22	61.62	8.43	1.7
chrX	63737947	63738747	801	17	50.13	5.37	2.13
chrX	63789330	63790563	1234	25	64	8.43	1.6
chrX	63820424	63821714	1291	30	87.54	6.9	1.12
chrX	63923198	63924013	816	18	54.68	6.13	1.91
chrX	63933246	63934271	1026	21	56.48	6.9	1.87
chrX	63956716	63957536	821	18	54.31	7.66	1.94
chrX	63975638	63977617	1980	43	126.64	6.9	0.69
chrX	64002249	64003959	1711	40	107.14	6.9	0.9
chrX	64008928	64009739	812	19	60.82	9.2	1.71
chrX	64018242	64019036	795	17	50.56	6.13	2.11
chrX	64092333	64093362	1030	24	53.19	5.93	1.98
chrX	64119112	64119944	833	20	65.1	6.9	1.55
chrX	64140271	64141039	769	17	52.47	6.13	1.98
chrX	64141096	64143083	1988	68	255.4	10.73	0.32
chrX	64143507	64144419	913	20	58.87	6.9	1.75
chrX	64165877	64166690	814	18	54.83	6.13	1.89
chrX	64228241	64229272	1032	22	61.48	8.43	1.71
chrX	64239645	64240510	866	19	56.66	6.13	1.87
chrX	64245147	64246679	1533	36	97.78	6.13	1.02
chrX	64258007	64259157	1151	27	81.02	7.66	1.19
chrX	64265545	64266639	1095	23	62.58	8.43	1.67
chrX	64276643	64277644	1002	23	69.34	7.66	1.49
chrX	64279046	64280732	1687	48	157.68	10.73	0.48
chrX	64281293	64282749	1457	36	103.66	6.13	0.92
chrX	64288179	64288977	799	17	50.27	6.13	2.13
chrX	64291318	64292095	778	17	51.8	6.9	2.03
chrX	64297586	64298683	1098	21	51.91	6.9	2.03
chrX	64301909	64302747	839	18	53	6.9	1.98
chrX	64302909	64303710	802	18	55.74	6.13	1.87
chrX	64307092	64308054	963	21	60.85	6.13	1.72
chrX	64312788	64313797	1010	22	63.05	8.43	1.62
chrX	64314326	64315165	840	20	64.52	8.43	1.57
chrX	64315404	64319435	4032	115	352	10.73	0.23
chrX	64323665	64325043	1379	30	81.06	10.73	1.18
chrX	64325233	64326137	905	22	71.2	6.9	1.42
chrX	64331936	64334077	2142	54	154.6	8.43	0.47
chrX	64337108	64337880	773	17	52.17	6.9	2.04

chrX	64338093	64340278	2186	56	156.94	7.66	0.48
chrX	64341426	64343206	1781	56	201.52	12.26	0.42
chrX	64343423	64344389	967	21	60.56	6.9	1.72
chrX	64344668	64345452	785	17	51.29	6.13	2.06
chrX	64345804	64346824	1021	21	56.81	7.66	1.87
chrX	64347723	64348594	872	20	61.96	9.2	1.69
chrX	64353022	64354962	1941	50	147.35	8.43	0.57
chrX	64359219	64360368	1150	30	99.28	7.66	1.03
chrX	64361937	64362859	923	20	58.14	7.66	1.78
chrX	64387736	64390125	2390	68	219.4	8.43	0.32
chrX	64390821	64394305	3485	116	436.5	11.5	0.12
chrX	64394664	64395563	900	22	71.62	6.9	1.42
chrX	64399427	64400285	859	19	57.18	7.66	1.85
chrX	64400945	64402007	1063	23	64.82	6.9	1.57
chrX	64407763	64409141	1379	32	86.62	5.37	1.12
chrX	64418168	64419827	1660	40	111	7.66	0.85
chrX	64421213	64422463	1251	30	90.7	7.66	1.11
chrX	64423149	64423907	759	17	53.23	6.13	1.97
chrX	64428115	64429079	965	21	60.7	6.13	1.72
chrX	64430014	64431200	1187	26	72.61	7.66	1.41
chrX	64441918	64443195	1278	34	112.87	7.66	0.86
chrX	64453950	64454677	728	19	68.07	9.2	1.51
chrX	64458820	64459726	907	20	59.31	6.13	1.73
chrX	64478938	64479890	953	22	67.32	7.66	1.53
chrX	64494298	64495281	984	24	76.7	7.66	1.27
chrX	64498752	64499432	681	17	59.65	6.9	1.73
chrX	64499442	64500373	932	24	75.01	8.43	1.32
chrX	64507319	64508479	1161	27	80.23	8.43	1.19
chrX	64513486	64514376	891	19	54.86	6.13	1.88
chrX	64516252	64517131	880	19	55.64	6.9	1.86
chrX	64518473	64519665	1193	26	66.72	6.9	1.52
chrX	64524333	64525441	1109	22	56.36	7.66	1.87
chrX	64532002	64532888	887	20	60.81	6.13	1.71
chrX	64546380	64547171	792	18	56.51	8.43	1.87
chrX	64608312	64610595	2284	63	197.45	8.43	0.46
chrX	64619046	64620026	981	22	65.18	6.9	1.56
chrX	64652531	64653317	787	17	51.14	6.13	2.07
chrX	64672692	64673532	841	19	58.54	6.13	1.74
chrX	64676057	64676865	809	18	55.21	6.13	1.88
chrX	64677310	64678304	995	27	94.5	7.66	1.07
chrX	64679596	64680401	806	22	80.12	6.9	1.19
chrX	64705620	64706677	1058	27	88.74	7.66	1.1
chrX	64723901	64724994	1094	27	85.65	8.43	1.1
chrX	64743042	64744153	1112	27	84.15	6.9	1.15
chrX	64762374	64763591	1218	29	87.44	7.66	1.12
chrX	64769522	64771326	1805	42	111.44	6.9	0.85
chrX	64773034	64773933	900	26	97.31	10.73	1.02
chrX	64776039	64777226	1188	31	102.14	6.13	0.97
chrX	64890161	64891092	932	27	100.75	7.66	1.01
chrX	64922517	64923272	756	20	71.89	9.96	1.41
chrX	64939480	64940524	1045	24	71.82	6.9	1.41

chrX	64967075	64968165	1091	21	52.34	8.43	2.01
chrX	64997391	64998158	768	17	52.55	6.9	1.98
chrX	65004899	65006820	1922	45	119.66	6.9	0.85
chrX	65007341	65008221	881	19	55.57	6.13	1.86
chrX	65013995	65015238	1244	28	79.67	9.2	1.21
chrX	65017416	65018217	802	18	55.74	6.13	1.87
chrX	65021010	65023474	2465	62	169.76	10.73	0.48
chrX	65025844	65033124	7281	204	594.52	12.26	0.09
chrX	65033372	65035339	1968	53	157.21	9.96	0.48
chrX	65035565	65036365	801	17	50.13	5.37	2.13
chrX	65036690	65038120	1431	35	105.76	8.43	0.92
chrX	65038396	65041382	2987	87	291.3	9.2	0.26
chrX	65042900	65044637	1738	38	94.24	6.13	1.08
chrX	65046571	65048566	1996	53	160.92	9.96	0.47
chrX	65049238	65050172	935	30	114.2	12.26	0.86
chrX	65052421	65053912	1492	36	100.9	6.9	1.01
chrX	65054657	65056009	1353	33	94.33	6.9	1.08
chrX	65057249	65058051	803	18	55.66	7.66	1.86
chrX	65062174	65063111	938	20	57.07	6.13	1.86
chrX	65063437	65064375	939	21	62.62	6.13	1.65
chrX	65066037	65067283	1247	29	85.16	9.2	1.12
chrX	65067944	65069292	1349	32	94.64	6.9	1.06
chrX	65072931	65074047	1117	26	77.84	10.73	1.27
chrX	65077378	65078435	1058	24	70.82	6.9	1.46
chrX	65084028	65085440	1413	32	84.16	6.13	1.15
chrX	65095392	65096640	1249	31	96.84	8.43	1.01
chrX	65100638	65102095	1458	34	92.05	8.43	1.1
chrX	65106905	65108331	1427	34	100.17	9.2	1.01
chrX	65110055	65111382	1328	39	133.98	9.2	0.62
chrX	65112253	65114199	1947	48	67.86	4.74	1.51
chrX	65117129	65118318	1190	28	83.79	8.43	1.14
chrX	65118398	65120246	1849	42	119.47	6.9	0.85
chrX	65122722	65125515	2794	73	150.5	10.67	0.53
chrX	65127432	65132672	5241	152	474.12	10.73	0.07
chrX	65139419	65140167	749	17	54.01	6.13	1.95
chrX	65143467	65144294	828	19	59.55	6.13	1.72
chrX	65146257	65150371	4115	133	476.99	12.26	0.07
chrX	65150875	65152500	1626	51	190.86	8.43	0.47
chrX	65153861	65166319	12459	432	1576.83	17.63	0
chrX	65166345	65169728	3384	106	357.33	11.5	0.24
chrX	65169960	65171955	1996	53	167.12	9.2	0.47
chrX	65172048	65173349	1302	33	98.44	7.66	1.02
chrX	65175912	65176741	830	20	65.35	6.9	1.54
chrX	65183801	65185496	1696	38	97.12	7.66	1.01
chrX	65185820	65188051	2232	59	171.09	9.2	0.48
chrX	65188057	65189591	1535	41	121.17	8.43	0.85
chrX	65194190	65195829	1640	39	106.79	8.43	0.91
chrX	65196201	65197143	943	19	51.31	6.9	2.05
chrX	65199855	65200870	1016	25	80.08	9.2	1.19
chrX	65201117	65202226	1110	24	67.01	6.9	1.53
chrX	65206064	65207184	1121	25	71.81	7.66	1.41

chrX	65210285	65211623	1339	35	113.63	11.5	0.87
chrX	65212752	65214299	1548	42	138.72	8.43	0.57
chrX	65214678	65215643	966	21	60.63	6.9	1.72
chrX	65215714	65217355	1642	49	175.41	8.43	0.45
chrX	65217410	65218588	1179	32	102.95	9.96	0.93
chrX	65219039	65219839	801	17	50.13	6.9	2.13
chrX	65222586	65223354	769	18	58.33	7.66	1.77
chrX	65227365	65228321	957	20	55.75	7.66	1.86
chrX	65231811	65232749	939	21	62.62	6.13	1.65
chrX	65232948	65238024	5077	161	543.79	14.56	0.08
chrX	65240044	65241349	1306	33	104.16	9.96	0.92
chrX	65244441	65248115	3675	92	266.29	9.2	0.33
chrX	65250341	65253360	3020	74	195.76	6.9	0.45
chrX	65254155	65255285	1131	28	88.6	9.96	1.11
chrX	65256710	65259283	2574	68	196.52	8.43	0.46
chrX	65259585	65262854	3270	88	252.32	9.96	0.31
chrX	65263667	65269675	6009	186	621.08	9.96	0.09
chrX	65270065	65271335	1271	30	89.1	6.13	1.09
chrX	65271364	65278062	6699	191	572.52	10.73	0.08
chrX	65283533	65284401	869	19	56.44	6.9	1.87
chrX	65285435	65287401	1967	48	133.39	8.43	0.63
chrX	65289136	65290063	928	19	52.3	6.9	2.01
chrX	65293391	65295546	2156	61	203.14	7.66	0.4
chrX	65296251	65297646	1396	32	91.01	6.13	1.12
chrX	65298158	65298883	726	17	55.84	6.13	1.86
chrX	65301264	65305583	4320	103	250.73	7.66	0.34
chrX	65310264	65312157	1894	43	110.56	9.2	0.84
chrX	65313166	65315342	2177	57	169.72	9.2	0.48
chrX	65315888	65319080	3193	94	310.21	8.43	0.24
chrX	65319087	65320493	1407	35	101.77	7.66	0.98
chrX	65323366	65328654	5289	164	555.17	13.03	0.08
chrX	65328981	65333379	4399	134	446.41	10.73	0.12
chrX	65333513	65334516	1004	29	100.15	8.43	1.01
chrX	65339501	65340430	930	20	57.64	6.9	1.83
chrX	65341294	65343027	1734	39	99.92	7.66	1.01
chrX	65349449	65352097	2649	69	190.25	7.66	0.47
chrX	65353038	65353854	817	21	72.65	6.9	1.41
chrX	65353863	65356274	2412	67	198.38	9.96	0.44
chrX	65358874	65359592	719	16	50.49	6.9	2.1
chrX	65360625	65362133	1509	38	117.3	8.43	0.85
chrX	65363892	65366631	2740	76	237.56	9.96	0.32
chrX	65366952	65367802	851	18	52.14	6.13	2.03
chrX	65367998	65371226	3229	91	287.25	9.2	0.29
chrX	65371357	65372172	816	20	66.52	7.66	1.52
chrX	65373731	65375340	1610	35	86.82	6.9	1.12
chrX	65377350	65378694	1345	30	83.49	9.2	1.15
chrX	65379128	65384727	5600	168	549.74	9.2	0.08
chrX	65388504	65391646	3143	80	220.95	10.73	0.33
chrX	65392335	65393278	944	20	56.65	6.9	1.87
chrX	65393750	65395747	1998	51	148.59	6.9	0.54
chrX	65396322	65397254	933	22	68.91	6.9	1.48

chrX	65398807	65401196	2390	61	169.92	8.43	0.48
chrX	65401544	65402404	861	20	62.83	6.13	1.64
chrX	65410776	65414361	3586	84	215.39	9.96	0.34
chrX	65419663	65420662	1000	26	87.66	6.13	1.12
chrX	65425099	65426981	1883	49	152.33	8.43	0.5
chrX	65427246	65428458	1213	25	65.38	7.66	1.55
chrX	65432431	65435576	3146	85	257.06	8.43	0.32
chrX	65435699	65436401	703	18	63.98	7.66	1.62
chrX	65436997	65437779	783	18	57.21	8.43	1.85
chrX	65440723	65441668	946	21	62.1	6.13	1.69
chrX	65442554	65445243	2690	68	186.92	7.66	0.46
chrX	65448325	65449603	1279	35	119.16	7.66	0.86
chrX	65457772	65458500	729	17	55.59	6.13	1.86
chrX	65458609	65459594	986	27	88.93	7.66	1.1
chrX	65461518	65462530	1013	21	57.35	6.13	1.83
chrX	65483405	65484252	848	19	58.01	6.9	1.81
chrX	65487687	65488503	817	18	54.61	6.9	1.9
chrX	65488804	65489903	1100	29	97.51	6.9	1.02
chrX	65489968	65492087	2120	56	156.41	9.2	0.48
chrX	65492232	65493070	839	26	96.91	9.2	1.01
chrX	65494010	65494826	817	20	66.44	6.13	1.52
chrX	65496898	65497968	1071	25	75.61	6.13	1.3
chrX	65498857	65499609	753	18	59.64	6.13	1.73
chrX	65509764	65511915	2152	54	147.91	8.43	0.56
chrX	65512640	65514003	1364	32	93.47	7.66	1.07
chrX	65518726	65519686	961	20	55.47	6.13	1.89
chrX	65523039	65524858	1820	41	104.82	7.66	0.93
chrX	65526636	65530154	3519	92	255.37	12.26	0.32
chrX	65530706	65531377	672	17	60.45	9.96	1.73
chrX	65534050	65536174	2125	59	186.81	10.73	0.46
chrX	65537301	65540165	2865	69	179.07	7.66	0.46
chrX	65540273	65542837	2565	69	197.29	7.66	0.46
chrX	65546065	65547764	1700	44	131.43	6.9	0.64
chrX	65548010	65548762	753	17	53.7	6.13	1.96
chrX	65564053	65565322	1270	28	77.76	8.43	1.27
chrX	65569571	65570403	833	20	65.1	6.13	1.55
chrX	65576542	65577812	1271	31	95.01	9.96	1.05
chrX	65583904	65585110	1207	29	88.32	6.9	1.11
chrX	65587132	65587925	794	21	74.77	7.66	1.35
chrX	65589663	65590616	954	24	79.26	7.66	1.23
chrX	65590832	65591836	1005	21	57.89	8.43	1.81
chrX	65594570	65595883	1314	30	85.79	8.43	1.11
chrX	65596489	65598152	1664	48	166.48	8.43	0.47
chrX	65604469	65605430	962	24	78.57	9.2	1.25
chrX	65606001	65607169	1169	25	68.36	8.43	1.51
chrX	65611652	65612810	1159	23	58.38	7.66	1.77
chrX	65615043	65615778	736	17	55.03	6.9	1.88
chrX	65616460	65617885	1426	34	100.25	7.66	1.01
chrX	65618633	65619574	942	21	62.39	6.9	1.68
chrX	65625150	65626079	930	22	69.15	6.9	1.48
chrX	65626469	65628293	1825	49	157.53	8.43	0.48

chrX	65633362	65634655	1294	31	87.31	9.2	1.12
chrX	65642580	65643423	844	18	52.64	6.9	1.97
chrX	65653646	65655494	1849	44	119.47	7.66	0.85
chrX	65655912	65656822	911	22	70.7	9.2	1.47
chrX	65659163	65660022	860	18	51.51	7.66	2.05
chrX	65661516	65663073	1558	38	113.23	8.43	0.86
chrX	65672009	65674872	2864	83	270.72	14.56	0.3
chrX	65680639	65682714	2076	53	154.08	9.2	0.49
chrX	65690226	65691186	961	24	78.65	7.66	1.24
chrX	65694780	65695570	791	17	50.85	5.37	2.07
chrX	65697066	65698208	1143	27	81.65	6.13	1.17
chrX	65699430	65700397	968	21	60.49	7.66	1.72
chrX	65701471	65707009	5539	151	427.98	8.43	0.12
chrX	65711625	65712757	1133	27	82.44	7.66	1.16
chrX	65713617	65714593	977	21	59.84	6.9	1.72
chrX	65714998	65715893	896	22	65.95	9.96	1.51
chrX	65738259	65740511	2253	60	181.51	11.5	0.46
chrX	65746399	65747165	767	18	58.49	6.9	1.76
chrX	65749990	65753246	3257	87	253.44	8.43	0.31
chrX	65766580	65767298	719	16	50.49	7.66	2.1
chrX	65769472	65772863	3392	112	397.74	16.1	0.16
chrX	65774268	65775345	1078	26	80.96	9.2	1.19
chrX	65776720	65778105	1386	34	103.49	6.9	0.92
chrX	65782370	65783131	762	17	53	9.2	1.98
chrX	65787580	65791320	3741	113	373.94	13.8	0.25
chrX	65791437	65792480	1044	26	83.8	9.2	1.14
chrX	65793429	65794479	1051	22	60.17	7.66	1.72
chrX	65794563	65796384	1822	63	253.77	11.5	0.31
chrX	65797277	65798336	1060	29	101.25	8.43	1.01
chrX	65799070	65799841	772	18	58.09	8.43	1.8
chrX	65799853	65801052	1200	32	101.07	8.43	1.01
chrX	65802027	65803523	1497	37	112.28	7.66	0.86
chrX	65808192	65810118	1927	52	160.83	9.2	0.47
chrX	65812405	65813191	787	17	51.14	5.37	2.07
chrX	65816704	65817476	773	17	52.17	6.13	2.04
chrX	65825217	65826733	1517	35	93.33	6.9	1.07
chrX	65828309	65830091	1783	46	136.51	6.9	0.59
chrX	65839508	65841662	2155	57	165.52	10.73	0.49
chrX	65841742	65842626	885	21	60.96	5.37	1.72
chrX	65843307	65844056	750	17	53.93	6.13	1.94
chrX	65846465	65847319	855	19	57.48	6.9	1.83
chrX	65847468	65848302	835	21	71.05	8.43	1.43
chrX	65865640	65866479	840	18	52.92	6.9	1.97
chrX	65870859	65871732	874	19	56.08	5.37	1.86
chrX	65881110	65882386	1277	33	106.69	13.03	0.92
chrX	65884707	65886017	1311	28	74.87	11.5	1.35
chrX	65888231	65890140	1910	52	162.36	8.43	0.48
chrX	65890478	65891311	834	19	59.08	9.96	1.75
chrX	65891395	65892152	758	20	65.36	6.9	1.55
chrX	65901903	65902730	828	19	59.55	6.13	1.72
chrX	65902781	65905905	3125	77	193.47	6.9	0.47

chrX	65905953	65907306	1354	32	94.25	9.96	1.08
chrX	65908200	65911238	3039	72	183	9.2	0.47
chrX	65911610	65913789	2180	51	134.3	7.66	0.62
chrX	65919555	65920704	1150	26	75.32	7.66	1.3
chrX	65920713	65924240	3528	103	322.98	8.43	0.21
chrX	65945123	65945950	828	19	51.72	6.78	2.03
chrX	65946684	65948488	1805	50	165.76	11.5	0.49
chrX	65949481	65950237	757	17	53.39	6.13	1.97
chrX	65957404	65958356	953	23	73.25	8.43	1.38
chrX	65970419	65971931	1513	39	116.96	7.66	0.86
chrX	65973186	65974560	1375	37	116.66	10.73	0.86
chrX	65977874	65978706	833	18	53.43	6.13	1.97
chrX	65981598	65982580	983	22	65.03	9.2	1.55
chrX	66006153	66008278	2126	56	168.01	8.43	0.47
chrX	66011344	66012747	1404	35	108	9.2	0.88
chrX	66019517	66020636	1120	23	60.9	8.43	1.72
chrX	66074402	66075051	650	16	56.13	8.43	1.87
chrX	66112590	66113499	910	25	89.66	7.66	1.1
chrX	66118073	66119563	1491	40	125.02	9.2	0.71
chrX	66122673	66123458	786	17	51.21	6.9	2.05
chrX	66168322	66169385	1064	21	54.01	6.9	1.95
chrX	66177846	66178647	802	17	50.06	8.43	2.14
chrX	66184603	66186676	2074	55	166.4	8.43	0.47
chrX	66240683	66241728	1046	20	50	8.43	2.15
chrX	66252115	66253230	1116	24	66.59	6.9	1.52
chrX	66343729	66344529	801	18	55.81	5.37	1.86
chrX	66422824	66423544	721	19	68.72	9.2	1.49
chrX	66425800	66426692	893	19	54.71	6.13	1.9
chrX	66426991	66427941	951	21	61.73	7.66	1.7
chrX	66438352	66439249	898	20	59.98	6.13	1.71
chrX	66445934	66447715	1782	44	130.59	9.2	0.63
chrX	66468799	66470763	1965	51	157.47	6.13	0.48
chrX	66491535	66492261	727	17	55.76	6.13	1.86
chrX	66502204	66503193	990	27	94.98	9.2	1.05
chrX	66503370	66504971	1602	37	98.32	6.9	1.02
chrX	66508640	66509639	1000	24	75.38	7.66	1.3
chrX	66511398	66512483	1086	24	68.74	6.9	1.49
chrX	66525232	66526311	1080	22	58.23	6.9	1.78
chrX	66527110	66528352	1243	31	97.35	8.43	1.02
chrX	66529209	66530926	1718	43	123.94	7.66	0.73
chrX	66537734	66539306	1573	48	175.93	14.56	0.45
chrX	66542318	66543580	1263	31	95.67	6.9	1.04
chrX	66545132	66546320	1189	27	78.09	9.2	1.26
chrX	66547756	66549151	1396	32	85.38	6.13	1.1
chrX	66564851	66565992	1142	29	93.77	9.96	1.07
chrX	66566868	66568382	1515	33	82.53	6.13	1.16
chrX	66574560	66576622	2063	49	131.75	9.2	0.62
chrX	66590743	66591973	1231	29	86.41	8.43	1.11
chrX	66592147	66593417	1271	30	89.1	8.43	1.09
chrX	66593581	66595883	2303	60	177.17	8.43	0.45
chrX	66596152	66598552	2401	59	157.39	6.9	0.48

chrX	66600262	66601822	1561	37	101.36	7.66	1
chrX	66603188	66604568	1381	35	109.95	9.96	0.88
chrX	66605751	66606654	904	20	59.53	8.43	1.72
chrX	66609041	66613101	4061	124	421.16	12.26	0.12
chrX	66613447	66614494	1048	21	55.04	7.66	1.88
chrX	66625641	66627453	1813	49	152.34	8.43	0.5
chrX	66627569	66628406	838	20	58.77	6.13	1.75
chrX	66628461	66629894	1434	32	77.28	7.66	1.28
chrX	66638059	66639082	1024	23	67.67	9.96	1.51
chrX	66639833	66641432	1600	46	153.1	7.66	0.5
chrX	66643937	66644726	790	17	50.92	6.13	2.07
chrX	66654182	66655290	1109	28	90.48	8.43	1.11
chrX	66656296	66657160	865	19	56.74	6.13	1.87
chrX	66657486	66660496	3011	80	232	8.43	0.34
chrX	66661002	66662605	1604	45	152.72	9.2	0.5
chrX	66663682	66666015	2334	57	156.83	6.9	0.48
chrX	66667085	66668232	1148	25	69.85	7.66	1.47
chrX	66669125	66670544	1420	37	118.88	10.73	0.86
chrX	66670637	66673390	2754	74	223.76	11.5	0.33
chrX	66674854	66675612	759	18	59.15	6.13	1.75
chrX	66680833	66688080	7248	197	554.24	10.73	0.08
chrX	66689980	66692566	2587	74	239.21	10.73	0.33
chrX	66698039	66699035	997	25	81.7	9.2	1.17
chrX	66702485	66703252	768	18	58.41	8.43	1.77
chrX	66708644	66709655	1012	23	68.57	6.9	1.49
chrX	66717050	66718782	1733	38	94.57	7.66	1.07
chrX	66720202	66722175	1974	53	162.86	9.2	0.48
chrX	66722303	66723508	1206	28	66.1	10.16	1.52
chrX	66724457	66725871	1415	35	107.08	9.2	0.9
chrX	66730343	66731358	1016	27	92.53	8.43	1.09
chrX	66731463	66732221	759	18	59.15	6.9	1.75
chrX	66734136	66737963	3828	110	345.73	11.5	0.23
chrX	66758444	66759156	713	16	50.95	8.43	2.07
chrX	66769903	66770804	902	19	54.08	9.2	1.95
chrX	66777660	66778453	794	18	56.35	6.9	1.87
chrX	66850790	66851688	899	19	54.29	8.43	1.94
chrX	66852720	66853689	970	23	71.86	6.9	1.41
chrX	66862141	66862991	851	18	52.14	6.9	2.03
chrX	66863866	66868646	4781	139	434.59	13.03	0.12
chrX	66869862	66871053	1192	24	61.48	7.66	1.71
chrX	66871446	66872964	1519	38	116.46	9.2	0.87
chrX	66876722	66877564	843	18	52.71	6.13	1.97
chrX	66881218	66883130	1913	41	98.49	9.2	1.02
chrX	66883731	66884476	746	17	54.24	6.9	1.95
chrX	66885091	66886518	1428	32	83.1	6.13	1.15
chrX	66887975	66889001	1027	24	73.22	7.66	1.38
chrX	66889397	66892404	3008	73	185.3	6.9	0.47
chrX	66893747	66894650	904	20	59.53	7.66	1.72
chrX	66900719	66902071	1353	33	94.33	8.43	1.08
chrX	66905594	66906987	1394	41	140.61	8.43	0.58
chrX	66908540	66917206	8667	242	712.33	11.5	0.11

chrX	66917281	66920816	3536	104	348.33	10.73	0.23
chrX	66926241	66927233	993	22	64.29	6.9	1.59
chrX	66927621	66928613	993	26	88.29	6.9	1.11
chrX	66933250	66933992	743	17	54.48	6.9	1.92
chrX	66953747	66954591	845	18	52.57	6.9	1.99
chrX	66976449	66977608	1160	26	74.58	9.96	1.36
chrX	66981015	66981698	684	17	59.39	6.9	1.73
chrX	66981700	66982833	1134	29	88.35	9.2	1.11
chrX	66988081	66989105	1025	22	61.98	6.9	1.69
chrX	66990534	66991575	1042	22	60.79	9.2	1.71
chrX	67000966	67001817	852	19	57.71	6.13	1.82
chrX	67008260	67009677	1418	33	95.07	9.2	1.04
chrX	67011821	67014349	2529	67	200.4	9.96	0.42
chrX	67023667	67026493	2827	72	193.52	7.66	0.47
chrX	67027323	67028106	784	17	51.36	6.13	2.06
chrX	67057780	67058577	798	18	56.05	5.37	1.86
chrX	67061192	67062416	1225	31	98.88	9.2	1.02
chrX	67071565	67073196	1632	39	107.4	10.73	0.9
chrX	67085942	67086771	830	18	53.65	6.9	1.96
chrX	67089338	67090912	1575	37	100.31	6.13	1.01
chrX	67091655	67092851	1197	27	77.49	7.66	1.28
chrX	67092894	67094598	1705	46	137.11	8.43	0.58
chrX	67096425	67098310	1886	58	203.93	10.73	0.37
chrX	67099177	67100541	1365	33	99.25	8.43	1.03
chrX	67112832	67114061	1230	26	69.59	7.66	1.46
chrX	67116065	67116864	800	17	50.2	6.13	2.13
chrX	67134725	67135560	836	18	53.21	6.13	1.98
chrX	67136621	67137953	1333	32	90.08	6.13	1.11
chrX	67138210	67139596	1387	35	109.44	9.96	0.88
chrX	67143943	67145791	1849	47	137.01	7.66	0.58
chrX	67146114	67148453	2340	60	174.05	7.66	0.45
chrX	67148568	67150015	1448	34	92.8	7.66	1.08
chrX	67152497	67153374	878	20	61.5	7.66	1.71
chrX	67158219	67159873	1655	43	135.32	9.96	0.59
chrX	67159928	67160804	877	19	55.86	6.9	1.86
chrX	67164427	67166673	2247	62	194.53	9.2	0.47
chrX	67173455	67174721	1267	33	107.58	12.26	0.89
chrX	67177177	67179997	2821	77	242.72	8.43	0.33
chrX	67180855	67182202	1348	28	72.37	7.66	1.41
chrX	67189489	67190271	783	19	63.21	6.13	1.61
chrX	67190935	67191892	958	20	55.68	6.9	1.86
chrX	67206761	67207679	919	22	70.04	6.13	1.47
chrX	67209376	67210217	842	19	58.47	6.9	1.75
chrX	67212364	67214307	1944	50	96.49	6.62	1.02
chrX	67218702	67220509	1808	44	88.07	5.34	1.1
chrX	67221187	67221864	678	16	53.75	5.37	1.96
chrX	67222050	67223840	1791	40	101.39	7.66	1
chrX	67231755	67232855	1101	28	91.17	6.9	1.12
chrX	67233372	67234279	908	20	59.23	6.9	1.74
chrX	67234756	67238784	4029	109	308.68	10.73	0.24
chrX	67242091	67243377	1287	30	87.85	9.2	1.11

chrX	67243507	67245272	1766	43	120.11	7.66	0.86
chrX	67253476	67254423	948	19	50.98	6.13	2.07
chrX	67269070	67270256	1187	29	89.96	9.2	1.1
chrX	67272037	67273007	971	21	60.27	6.9	1.73
chrX	67276772	67277426	655	16	55.69	6.13	1.86
chrX	67287379	67288543	1165	22	52.93	7.66	1.98
chrX	67291515	67292291	777	17	51.88	8.43	2.04
chrX	67292583	67293457	875	18	50.48	7.66	2.12
chrX	67294648	67295707	1060	24	70.67	6.9	1.46
chrX	67305945	67307845	1901	46	126.96	8.43	0.67
chrX	67316045	67317193	1149	23	59.01	9.2	1.75
chrX	67317276	67319035	1760	45	132.41	7.66	0.63
chrX	67325514	67326381	868	18	50.96	6.13	2.07
chrX	67329633	67330543	911	21	64.76	6.9	1.57
chrX	67345646	67346693	1048	22	60.38	6.9	1.73
chrX	67360248	67361587	1340	36	119.85	8.43	0.85
chrX	67364452	67367120	2669	75	237.83	8.43	0.32
chrX	67367973	67369988	2016	65	245.02	12.26	0.33
chrX	67380008	67381696	1689	35	81.7	9.2	1.17
chrX	67381962	67383014	1053	24	71.2	7.66	1.42
chrX	67423797	67424683	887	20	60.81	6.9	1.71
chrX	67426579	67428043	1465	32	80.55	6.13	1.18
chrX	67430857	67432109	1253	28	79	6.9	1.23
chrX	67436227	67437018	792	18	56.51	8.43	1.87
chrX	67437053	67438191	1139	26	70.49	7.66	1.47
chrX	67441086	67441852	767	20	70.86	9.2	1.46
chrX	67442039	67442981	943	21	62.32	6.13	1.68
chrX	67463805	67464869	1065	24	50.77	4.74	2.07
chrX	67476229	67477022	794	17	50.63	5.37	2.1
chrX	67491773	67492824	1052	22	60.1	6.9	1.72
chrX	67505503	67506728	1226	26	69.87	7.66	1.47
chrX	67512864	67513690	827	22	78.11	9.96	1.26
chrX	67534554	67535657	1104	26	78.87	8.43	1.23
chrX	67535822	67536916	1095	28	85.56	8.43	1.1
chrX	67541814	67542635	822	18	54.24	6.9	1.94
chrX	67544447	67546751	2305	58	159.12	9.96	0.49
chrX	67547867	67550118	2252	63	200.42	9.2	0.42
chrX	67552266	67553053	788	20	68.96	6.13	1.49
chrX	67603509	67604928	1420	35	100.73	6.9	1.01
chrX	67609958	67612229	2272	62	192.25	10.73	0.47
chrX	67612894	67613979	1086	22	57.83	6.9	1.81
chrX	67625301	67626345	1045	25	77.68	6.9	1.27
chrX	67628839	67630231	1393	40	140.71	9.96	0.58
chrX	67632950	67637331	4382	139	482.08	12.26	0.07
chrX	67639177	67640327	1151	29	92.99	8.43	1.06
chrX	67640393	67644913	4521	118	315.4	7.66	0.24
chrX	67645860	67647284	1425	35	106.25	9.96	0.93
chrX	67649494	67650515	1022	22	62.19	8.43	1.69
chrX	67655464	67657405	1942	46	123.82	9.2	0.75
chrX	67661207	67661912	706	18	63.71	6.9	1.61
chrX	67663777	67665743	1967	49	139.24	8.43	0.57

chrX	67668455	67670163	1709	37	90.85	6.13	1.12
chrX	67672565	67673781	1217	36	125.23	8.43	0.71
chrX	67676205	67676906	702	18	64.08	7.66	1.6
chrX	67681048	67681863	816	18	54.68	6.9	1.91
chrX	67695834	67697446	1613	43	132.83	7.66	0.63
chrX	67701645	67702969	1325	33	102.55	6.9	0.95
chrX	67709555	67711176	1622	38	102.46	10.73	0.95
chrX	67720717	67721540	824	20	65.85	6.13	1.52
chrX	67724224	67725434	1211	27	76.46	9.2	1.27
chrX	67732372	67733317	946	20	56.51	7.66	1.87
chrX	67737566	67738348	783	18	57.21	6.13	1.85
chrX	67739448	67740541	1094	27	85.65	6.9	1.1
chrX	67745696	67747022	1327	29	79.23	8.43	1.22
chrX	67748192	67749132	941	23	74.25	7.66	1.37
chrX	67754289	67756001	1713	40	112.67	6.9	0.86
chrX	67768542	67769655	1114	27	78.08	11.5	1.26
chrX	67770210	67771229	1020	26	85.88	9.2	1.11
chrX	67782816	67784873	2058	57	186.72	7.66	0.46
chrX	67785355	67787834	2480	84	326.28	14.56	0.21
chrX	67788044	67789493	1450	34	98.37	5.37	1.02
chrX	67790765	67791896	1132	24	65.47	6.9	1.52
chrX	67799619	67800573	955	19	50.53	6.9	2.1
chrX	67817769	67819117	1349	29	77.68	9.2	1.27
chrX	67831716	67832836	1121	27	83.42	8.43	1.15
chrX	67872355	67874876	2522	78	272.34	10.73	0.27
chrX	67901614	67902391	778	17	51.8	6.13	2.03
chrX	67917713	67918535	823	18	54.16	6.9	1.95
chrX	67927669	67928743	1075	22	53.32	7.66	1.98
chrX	67931901	67932698	798	18	56.05	6.13	1.86
chrX	67932969	67934357	1389	33	97.33	8.43	1.02
chrX	67937786	67938608	823	19	59.94	6.9	1.72
chrX	67944768	67945985	1218	29	87.44	6.9	1.12
chrX	67960996	67961995	1000	24	75.38	8.43	1.3
chrX	67988049	67988763	715	16	50.8	6.9	2.06
chrX	67999802	68001615	1814	45	127.99	9.2	0.68
chrX	68002448	68003966	1519	42	141.46	8.43	0.58
chrX	68005849	68006550	702	16	51.81	6.13	2.04
chrX	68024535	68025682	1148	23	59.08	9.2	1.75
chrX	68030674	68031774	1101	28	91.17	7.66	1.12
chrX	68033645	68034734	1090	25	74.14	6.9	1.37
chrX	68035495	68036451	957	22	67.01	6.9	1.53
chrX	68043745	68044913	1169	28	85.47	6.9	1.1
chrX	68052344	68053143	800	18	55.89	6.13	1.86
chrX	68079622	68081275	1654	44	135.4	7.66	0.59
chrX	68081313	68082848	1536	62	277.22	16.86	0.28
chrX	68082918	68084429	1512	39	111.04	6.9	0.85
chrX	68086004	68088307	2304	62	189.37	8.43	0.46
chrX	68088700	68089694	995	25	81.87	8.43	1.17
chrX	68091514	68092456	943	22	68.11	8.43	1.51
chrX	68094344	68095199	856	20	63.23	7.66	1.61
chrX	68114914	68115659	746	19	66.43	7.66	1.52

chrX	68119268	68120265	998	21	58.37	7.66	1.77
chrX	68121030	68122993	1964	50	145.42	7.66	0.56
chrX	68126737	68128348	1612	39	108.94	6.9	0.87
chrX	68137947	68138770	824	18	54.09	8.43	1.95
chrX	68180297	68181067	771	17	52.32	6.9	2.01
chrX	68181148	68182872	1725	56	207.74	11.5	0.36
chrX	68186361	68187803	1443	33	82.05	7.66	1.16
chrX	68192056	68192818	763	18	58.82	6.9	1.75
chrX	68200212	68201025	814	18	54.83	8.43	1.89
chrX	68201158	68203078	1921	50	149.04	7.66	0.53
chrX	68204558	68205495	938	23	74.5	6.13	1.36
chrX	68228726	68229768	1043	22	60.72	6.13	1.73
chrX	68234287	68235987	1701	45	137.45	11.5	0.58
chrX	68236733	68238147	1415	33	89.59	6.9	1.1
chrX	68240636	68241622	987	21	59.14	6.9	1.75
chrX	68280247	68281119	873	18	50.62	5.37	2.1
chrX	68290493	68293954	3462	84	213.37	12.26	0.37
chrX	68297734	68298792	1059	23	65.1	7.66	1.56
chrX	68302385	68303524	1140	30	100.19	9.96	1.01
chrX	68303579	68304973	1395	35	102.75	6.9	0.95
chrX	68306285	68307984	1700	48	162.91	12.26	0.48
chrX	68308515	68309473	959	22	66.86	8.43	1.53
chrX	68309823	68310818	996	24	75.71	8.43	1.28
chrX	68322922	68323691	770	18	58.25	6.13	1.78
chrX	68326316	68327100	785	19	63.04	9.2	1.62
chrX	68332723	68333751	1029	23	67.29	6.13	1.53
chrX	68336612	68337282	671	18	66.98	9.2	1.53
chrX	68338578	68339333	756	19	65.54	6.13	1.52
chrX	68342507	68344567	2061	55	167.54	9.2	0.47
chrX	68345376	68346922	1547	33	80.4	5.37	1.19
chrX	68347208	68348840	1633	40	113.11	6.9	0.86
chrX	68349655	68350664	1010	21	57.55	6.9	1.82
chrX	68357394	68358208	815	19	60.58	5.37	1.72
chrX	68358855	68360435	1581	37	99.86	6.13	1.01
chrX	68360803	68362062	1260	36	127.55	8.43	0.68
chrX	68373648	68374679	1032	22	61.48	6.9	1.71
chrX	68379271	68380058	788	17	51.07	6.13	2.08
chrX	68384476	68385897	1422	35	100.57	6.13	1.02
chrX	68394802	68395790	989	24	76.29	6.9	1.27
chrX	68397493	68398273	781	17	51.58	6.13	2.04
chrX	68425459	68426766	1308	29	80.59	8.43	1.18
chrX	68427477	68428475	999	21	58.3	7.66	1.78
chrX	68430305	68431254	950	20	56.23	5.37	1.87
chrX	68454570	68455618	1049	21	54.97	9.2	1.88
chrX	68469673	68470807	1135	26	76.46	8.43	1.27
chrX	68471033	68472733	1701	41	113.6	7.66	0.87
chrX	68475900	68476767	868	18	50.96	6.13	2.07
chrX	68481462	68482253	792	20	68.61	6.13	1.49
chrX	68486918	68487852	935	23	74.75	6.9	1.35
chrX	68492035	68493250	1216	28	81.77	7.66	1.17
chrX	68522329	68523570	1242	30	91.42	9.2	1.09

chrX	68524233	68525021	789	18	56.74	8.43	1.87
chrX	68525566	68526355	790	17	50.92	6.13	2.07
chrX	68526410	68527290	881	19	55.57	5.37	1.86
chrX	68536577	68539096	2520	72	226.31	11.5	0.34
chrX	68541545	68543120	1576	37	100.23	6.13	1.01
chrX	68547902	68548793	892	19	54.78	9.96	1.89
chrX	68554390	68556078	1689	45	138.51	11.5	0.57
chrX	68564953	68565744	792	17	50.78	7.66	2.07
chrX	68580219	68581052	834	18	53.36	6.13	1.98
chrX	68581082	68581789	708	18	57.32	6.9	1.83
chrX	68589918	68592416	2499	63	167.08	8.43	0.47
chrX	68615659	68617362	1704	41	113.37	7.66	0.87
chrX	68619507	68624214	4708	156	556.88	10.73	0.08
chrX	68627454	68628648	1195	29	89.3	6.9	1.1
chrX	68628654	68630388	1735	43	116.74	8.43	0.86
chrX	68631025	68632713	1689	40	108.78	9.96	0.87
chrX	68634095	68636350	2256	56	157.18	6.13	0.48
chrX	68636914	68639683	2770	67	180.61	8.43	0.46
chrX	68640754	68648802	8049	279	1033.82	13.8	0
chrX	68648968	68649903	936	23	74.67	7.66	1.35
chrX	68650550	68652512	1963	56	189.41	11.5	0.46
chrX	68654232	68656698	2467	69	218.52	9.96	0.32
chrX	68657933	68658689	757	19	65.45	6.13	1.54
chrX	68658726	68660324	1599	44	134.07	8.43	0.62
chrX	68660669	68661476	808	19	61.14	6.13	1.73
chrX	68667862	68668931	1070	27	87.7	6.9	1.12
chrX	68670314	68672004	1691	46	150.88	9.96	0.51
chrX	68672146	68675753	3608	115	401.51	9.2	0.16
chrX	68680790	68681583	794	17	50.63	5.37	2.1
chrX	68682845	68683877	1033	21	56.01	6.9	1.86
chrX	68685356	68686828	1473	36	102.38	6.9	0.95
chrX	68689513	68691160	1648	41	123.73	9.2	0.75
chrX	68695356	68696062	707	16	51.42	5.37	2.06
chrX	68697148	68702907	5760	184	620.42	14.56	0.09
chrX	68704579	68705376	798	23	87.58	9.2	1.12
chrX	68705802	68707540	1739	50	172.18	8.43	0.46
chrX	68711022	68711848	827	20	65.6	6.9	1.52
chrX	68719762	68720784	1023	23	67.74	6.13	1.51
chrX	68721327	68722901	1575	54	218.32	10.73	0.32
chrX	68724717	68730644	5928	186	622.87	11.5	0.1
chrX	68732533	68735220	2688	77	236.05	8.43	0.32
chrX	68737824	68739595	1772	51	175.49	9.96	0.45
chrX	68741414	68743183	1770	53	189.05	8.43	0.46
chrX	68743951	68744746	796	17	50.49	5.37	2.11
chrX	68746992	68747804	813	18	54.91	6.13	1.88
chrX	68747935	68748837	903	21	65.39	6.9	1.55
chrX	68748850	68749597	748	20	66.25	8.43	1.52
chrX	68749838	68750541	704	16	51.66	6.13	2.04
chrX	68758023	68759597	1575	40	123.84	7.66	0.75
chrX	68760229	68761849	1621	42	132.13	9.96	0.62
chrX	68762042	68763590	1549	41	132.31	12.26	0.62

chrX	68767305	68768692	1388	33	85.96	6.13	1.11
chrX	68769315	68770411	1097	28	91.52	11.5	1.09
chrX	68771310	68772892	1583	45	154.77	9.2	0.47
chrX	68772917	68774257	1341	34	89.47	9.2	1.1
chrX	68775005	68776331	1327	29	79.23	9.2	1.22
chrX	68777182	68779564	2383	63	188.58	9.96	0.46
chrX	68782923	68784617	1695	43	125.82	6.9	0.7
chrX	68785901	68787398	1498	35	94.73	6.13	1.06
chrX	68788089	68788928	840	21	70.62	7.66	1.46
chrX	68791475	68793007	1533	36	103.5	6.9	0.92
chrX	68793307	68794436	1130	25	71.15	7.66	1.42
chrX	68800190	68802086	1897	53	163.55	7.66	0.48
chrX	68802631	68803413	783	18	57.21	6.13	1.85
chrX	68805044	68805822	779	17	51.73	6.13	2.04
chrX	68806763	68807833	1071	21	53.57	6.9	1.97
chrX	68810449	68812467	2019	44	107.33	9.96	0.9
chrX	68813932	68819538	5607	157	484.19	11.5	0.07
chrX	68823933	68825275	1343	33	101.05	6.9	1.01
chrX	68827315	68829588	2274	67	230.87	9.96	0.34
chrX	68830516	68832596	2081	57	171.97	9.96	0.46
chrX	68833144	68836768	3625	94	252.59	7.66	0.31
chrX	68836839	68838500	1662	52	186.92	12.26	0.46
chrX	68838583	68840719	2137	66	238.51	13.03	0.32
chrX	68840735	68844564	3830	94	253.75	8.43	0.31
chrX	68844824	68845696	873	19	56.15	6.13	1.87
chrX	68846899	68847852	954	21	61.51	6.9	1.71
chrX	68850525	68851808	1284	31	93.95	10.73	1.07
chrX	68856139	68857354	1216	27	76.09	9.2	1.28
chrX	68858015	68859306	1292	37	130.96	10.73	0.63
chrX	68859313	68860320	1008	25	74.73	6.9	1.35
chrX	68862101	68863257	1157	29	92.48	9.96	1.09
chrX	68865166	68865967	802	17	50.06	7.66	2.14
chrX	68871097	68873925	2829	74	211.16	8.43	0.36
chrX	68875690	68877416	1727	41	111.61	7.66	0.85
chrX	68882077	68886309	4233	105	315.47	7.66	0.24
chrX	68889123	68894040	4918	164	603.31	11.5	0.09
chrX	68894496	68895632	1137	24	65.13	6.9	1.56
chrX	68896058	68897909	1852	44	119.24	7.66	0.86
chrX	68897922	68898710	789	17	50.99	6.9	2.07
chrX	68899817	68903081	3265	87	246.67	10.73	0.34
chrX	68903084	68905462	2379	75	260.36	9.96	0.32
chrX	68906767	68908386	1620	38	102.61	7.66	0.95
chrX	68908758	68910946	2189	59	174.8	8.43	0.45
chrX	68911057	68912557	1501	45	156.39	11.5	0.48
chrX	68915684	68916868	1185	24	61.93	7.66	1.7
chrX	68918842	68919662	821	18	54.31	6.13	1.94
chrX	68921891	68922758	868	18	50.96	6.9	2.07
chrX	68925758	68928989	3232	80	208.1	8.43	0.36
chrX	68930310	68931229	920	19	52.84	6.9	1.98
chrX	68934129	68935583	1455	40	134.66	9.2	0.6
chrX	68935670	68937269	1600	43	140.26	6.9	0.58

chrX	68937694	68938486	793	17	50.71	7.66	2.07
chrX	68938595	68940326	1732	37	89.33	8.43	1.1
chrX	68941701	68942698	998	24	75.55	6.13	1.3
chrX	68943138	68944510	1373	34	98.6	7.66	1.02
chrX	68945258	68946138	881	18	50.08	6.13	2.14
chrX	68947974	68948686	713	16	50.95	6.13	2.07
chrX	68948856	68949960	1105	28	90.82	6.9	1.12
chrX	68953582	68955910	2329	57	163.06	9.2	0.48
chrX	68958025	68960692	2668	67	194.64	9.96	0.45
chrX	68965172	68966040	869	19	56.44	6.9	1.87
chrX	68979917	68981669	1753	50	164.28	7.66	0.48
chrX	68981878	68982658	781	18	57.37	6.9	1.82
chrX	68986580	68987398	819	18	54.46	6.9	1.92
chrX	68988906	68989713	808	18	55.28	5.37	1.88
chrX	68991330	68992250	921	19	52.78	7.66	1.97
chrX	68996585	68997522	938	20	57.07	9.2	1.86
chrX	68997790	68998591	802	17	50.06	6.9	2.14
chrX	69000045	69001069	1025	22	61.98	9.2	1.69
chrX	69006077	69006923	847	20	63.95	6.13	1.62
chrX	69007598	69008422	825	18	54.01	6.13	1.95
chrX	69013089	69016377	3289	85	238.64	9.2	0.32
chrX	69016427	69017520	1094	34	124.53	9.96	0.71
chrX	69018612	69021641	3030	105	404.59	11.5	0.17
chrX	69023812	69025365	1554	46	164.35	10.73	0.48
chrX	69025443	69027691	2249	88	371.35	14.56	0.25
chrX	69027760	69028870	1111	29	90.3	9.96	1.11
chrX	69032260	69033030	771	18	55.28	5.85	1.88
chrX	69039936	69040683	748	17	54.08	8.43	1.95
chrX	69044465	69046239	1775	44	125.24	7.66	0.71
chrX	69054633	69059543	4911	147	420.41	8.13	0.12
chrX	69059673	69061246	1574	39	117.88	7.66	0.85
chrX	69086887	69087563	677	17	60	8.43	1.72
chrX	69087656	69089042	1387	32	80.49	6.13	1.18
chrX	69090535	69095765	5231	147	443.18	11.5	0.12
chrX	69096553	69098143	1591	36	93.56	7.66	1.07
chrX	69098682	69100752	2071	50	136.86	7.66	0.58
chrX	69104182	69105518	1337	31	89.77	9.2	1.1
chrX	69105592	69107246	1655	43	135.32	8.43	0.59
chrX	69108029	69109458	1430	36	111.86	8.43	0.85
chrX	69111454	69112417	964	21	60.78	7.66	1.71
chrX	69112996	69115313	2318	66	213.4	9.96	0.37
chrX	69115679	69116690	1012	24	74.41	7.66	1.36
chrX	69118487	69119648	1162	28	86.03	8.43	1.11
chrX	69119672	69120783	1112	25	66.87	7.66	1.53
chrX	69121287	69122577	1291	30	87.54	9.2	1.12
chrX	69123096	69123886	791	17	50.85	4.6	2.07
chrX	69126558	69128141	1584	44	141.74	8.43	0.59
chrX	69130160	69131835	1676	55	213.39	9.96	0.37
chrX	69134010	69139046	5037	151	507.55	9.96	0.07
chrX	69140840	69141787	948	22	67.72	6.9	1.51
chrX	69147660	69148456	797	17	50.42	6.9	2.12

chrX	69149895	69150929	1035	25	78.5	6.9	1.26
chrX	69157169	69158179	1011	26	86.67	9.96	1.12
chrX	69158302	69160189	1888	54	170.73	8.43	0.48
chrX	69192995	69194365	1371	36	117.02	8.43	0.86
chrX	69195397	69197032	1636	38	101.43	8.43	1
chrX	69200388	69201539	1152	28	63.62	6.52	1.61
chrX	69201992	69203118	1127	26	77.07	6.9	1.27
chrX	69206482	69207268	787	17	51.14	6.9	2.07
chrX	69215666	69217563	1898	54	182.71	10.73	0.47
chrX	69226897	69227728	832	23	84.15	7.66	1.15
chrX	69229590	69231342	1753	41	109.66	7.66	0.88
chrX	69232694	69234447	1754	67	293.08	14.56	0.26
chrX	69234554	69235567	1014	25	74.25	8.43	1.37
chrX	69236290	69237144	855	19	57.48	6.9	1.83
chrX	69250140	69251033	894	22	72.13	8.43	1.4
chrX	69260238	69261030	793	19	62.37	6.13	1.68
chrX	69269901	69270836	936	19	51.77	7.66	2.04
chrX	69273120	69273942	823	18	54.16	6.13	1.95
chrX	69289151	69290551	1401	34	96.39	9.2	1.02
chrX	69294770	69295805	1036	20	50.61	9.2	2.1
chrX	69295914	69297539	1626	40	119.57	8.43	0.85
chrX	69297781	69299645	1865	56	192.64	9.2	0.47
chrX	69304034	69304976	943	25	86.53	9.2	1.12
chrX	69305312	69306808	1497	33	83.75	6.9	1.14
chrX	69306886	69309333	2448	61	177.04	7.66	0.45
chrX	69311972	69312696	725	17	55.92	6.9	1.86
chrX	69313010	69315534	2525	70	225.84	11.5	0.33
chrX	69315667	69316445	779	18	57.53	6.9	1.82
chrX	69316616	69318170	1555	45	150.97	9.96	0.51
chrX	69322689	69324976	2288	57	184.6	8.43	0.47
chrX	69327429	69328359	931	20	57.57	5.37	1.82
chrX	69332698	69335261	2564	64	173.58	8.43	0.45
chrX	69335759	69339070	3312	91	273.28	7.66	0.27
chrX	69339755	69341845	2091	56	177.31	9.2	0.45
chrX	69343257	69344081	825	19	59.79	6.9	1.72
chrX	69349354	69355237	5884	178	573.91	9.96	0.08
chrX	69359051	69361402	2352	60	167.1	7.66	0.47
chrX	69362743	69365666	2924	92	324.79	13.8	0.21
chrX	69365842	69366534	693	16	52.53	6.9	1.98
chrX	69371371	69372823	1453	43	154.63	10.73	0.47
chrX	69373518	69374303	786	17	51.21	7.66	2.05
chrX	69375618	69377109	1492	34	89.57	7.66	1.1
chrX	69380110	69381062	953	19	50.66	8.43	2.07
chrX	69382032	69383596	1565	33	95.43	7.66	1.03
chrX	69384166	69386378	2213	80	330.34	13.8	0.21
chrX	69389808	69390928	1121	31	108.38	7.66	0.88
chrX	69391007	69393731	2725	72	201.86	7.66	0.42
chrX	69393932	69394625	694	20	71.32	10.73	1.42
chrX	69397164	69398764	1601	48	172.95	8.43	0.45
chrX	69401620	69405274	3655	102	304.73	9.96	0.23
chrX	69405331	69408151	2821	90	315.38	11.5	0.24

chrX	69408198	69410648	2451	71	226.46	9.2	0.34
chrX	69411594	69412628	1035	22	61.27	8.43	1.72
chrX	69417498	69418297	800	17	50.2	5.37	2.13
chrX	69418394	69420183	1790	50	160.76	7.66	0.47
chrX	69423816	69426075	2260	61	187.08	7.66	0.46
chrX	69427383	69428591	1209	32	106.53	7.66	0.93
chrX	69434167	69435622	1456	38	121.91	8.43	0.8
chrX	69435915	69437149	1235	29	86.1	9.2	1.11
chrX	69440747	69441533	787	17	51.14	6.13	2.07
chrX	69446945	69451504	4560	138	449.9	10.73	0.13
chrX	69452584	69455903	3320	101	343.81	9.96	0.22
chrX	69456838	69459082	2245	66	159.72	9.49	0.47
chrX	69461991	69467394	5404	156	471.43	10.73	0.07
chrX	69483050	69483867	818	18	54.53	7.66	1.91
chrX	69488512	69489952	1441	36	110.93	6.9	0.85
chrX	69489957	69490741	785	18	57.06	6.13	1.86
chrX	69491063	69493208	2146	51	125.64	6.9	0.7
chrX	69496514	69501012	4499	149	545.63	11.5	0.08
chrX	69502849	69504264	1416	36	107	6.13	0.89
chrX	69509586	69511399	1814	46	139.94	9.96	0.58
chrX	69517887	69518799	913	23	76.64	7.66	1.28
chrX	69520512	69521312	801	17	50.13	7.66	2.13
chrX	69524986	69526249	1264	27	72.68	8.43	1.41
chrX	69527019	69530068	3050	88	278.62	8.43	0.28
chrX	69531172	69531961	790	19	62.62	6.9	1.65
chrX	69534582	69536035	1454	35	103.9	6.9	0.92
chrX	69540966	69542283	1318	29	79.87	7.66	1.21
chrX	69542856	69545466	2611	72	217.9	8.43	0.32
chrX	69545642	69548856	3215	96	321.22	9.96	0.21
chrX	69556952	69557938	987	23	70.51	8.43	1.47
chrX	69562282	69563215	934	19	51.9	6.13	2.03
chrX	69565363	69566530	1168	34	123.54	9.96	0.76
chrX	69571787	69574181	2395	55	146.48	9.2	0.57
chrX	69575860	69576678	819	24	92.18	9.2	1.09
chrX	69578391	69581036	2646	71	220.99	9.96	0.33
chrX	69581516	69583614	2099	55	164.23	9.2	0.48
chrX	69584309	69585133	825	18	54.01	5.37	1.95
chrX	69590005	69591460	1456	35	97.91	6.9	1.02
chrX	69593363	69595788	2426	63	178.86	9.2	0.46
chrX	69595836	69600038	4203	134	453.54	16.1	0.06
chrX	69601745	69602551	807	18	55.36	7.66	1.88
chrX	69602582	69603288	707	18	57.41	6.13	1.83
chrX	69607001	69609048	2048	57	181.27	9.2	0.46
chrX	69612678	69613814	1137	24	65.13	7.66	1.56
chrX	69616116	69617599	1484	39	125.64	8.43	0.7
chrX	69618747	69620364	1618	44	138.62	10.73	0.57
chrX	69620392	69622137	1746	49	158.5	9.2	0.48
chrX	69624265	69630657	6393	209	737.05	10.73	0.12
chrX	69631684	69635231	3548	104	327.51	9.96	0.21
chrX	69639511	69640357	847	19	58.09	6.13	1.8
chrX	69641101	69644301	3201	94	309.41	10.73	0.24

chrX	69648895	69649656	762	18	58.9	6.13	1.76
chrX	69654190	69654902	713	16	50.95	6.9	2.07
chrX	69660093	69660968	876	19	55.93	6.13	1.86
chrX	69661043	69662347	1305	32	98.2	9.96	1.03
chrX	69663287	69666555	3269	88	258.53	8.43	0.32
chrX	69666973	69667865	893	24	84.79	8.43	1.15
chrX	69668143	69669481	1339	40	146.26	13.8	0.57
chrX	69670216	69671796	1581	40	117.3	8.43	0.85
chrX	69674027	69675128	1102	25	73.22	9.2	1.38
chrX	69675145	69677415	2271	55	138.81	7.66	0.57
chrX	69680876	69681811	936	21	62.85	7.66	1.64
chrX	69683450	69684378	929	24	81.47	7.66	1.17
chrX	69687601	69688526	926	20	57.92	5.37	1.81
chrX	69698214	69700574	2361	59	166.37	8.43	0.47
chrX	69700659	69701547	889	21	60.66	5.37	1.72
chrX	69706534	69707474	941	19	51.44	6.9	2.06
chrX	69708143	69709288	1146	22	54.06	6.9	1.95
chrX	69709598	69711605	2008	50	141.83	9.2	0.59
chrX	69715793	69717223	1431	35	99.86	8.43	1.02
chrX	69722864	69723731	868	19	56.52	6.13	1.87
chrX	69724259	69725599	1341	36	119.75	12.26	0.85
chrX	69725970	69727751	1782	50	161.52	7.66	0.47
chrX	69729121	69730189	1069	26	81.7	8.43	1.17
chrX	69735770	69736512	743	17	54.48	5.37	1.92
chrX	69737558	69739366	1809	47	140.37	8.43	0.58
chrX	69744436	69745724	1289	33	105.64	7.66	0.92
chrX	69748386	69749695	1310	29	80.45	6.13	1.19
chrX	69750232	69751232	1001	21	58.17	5.37	1.79
chrX	69754408	69755520	1113	23	61.37	7.66	1.71
chrX	69759404	69760201	798	17	50.35	7.66	2.13
chrX	69761913	69762813	901	20	59.75	6.13	1.71
chrX	69768638	69769391	754	17	53.62	6.9	1.96
chrX	69772065	69774058	1994	54	173.58	9.2	0.45
chrX	69781180	69781968	789	17	50.99	6.9	2.07
chrX	69806850	69809195	2346	59	155.89	9.96	0.48
chrX	69809820	69811021	1202	25	66.11	7.66	1.52
chrX	69811489	69815093	3605	113	388.15	15.33	0.21
chrX	69815187	69817470	2284	61	178.81	8.43	0.46
chrX	69817842	69818741	900	19	54.22	8.43	1.94
chrX	69819850	69820677	828	18	53.79	8.43	1.96
chrX	69828791	69830473	1683	44	132.88	6.9	0.63
chrX	69831600	69832600	1001	25	81.35	9.2	1.17
chrX	69832608	69833373	766	18	52.7	6.9	1.97
chrX	69834807	69836125	1319	30	85.42	7.66	1.1
chrX	69868541	69870230	1690	43	126.24	6.9	0.7
chrX	69976009	69976795	787	17	51.14	6.13	2.07
chrX	69976927	69978449	1523	34	87.38	7.66	1.12
chrX	69979631	69983268	3638	109	357.87	11.5	0.24
chrX	69984740	69988368	3629	94	270.14	7.66	0.3
chrX	69988950	69989991	1042	21	55.42	6.9	1.88
chrX	69990476	69994890	4415	126	379.73	9.96	0.2

chrX	69995017	69996543	1527	42	128.04	7.66	0.68
chrX	69996572	69999342	2771	74	210.03	7.66	0.36
chrX	70006034	70007969	1936	44	113.08	9.2	0.86
chrX	70008029	70009492	1464	34	91.61	6.13	1.09
chrX	70010728	70011532	805	21	73.75	8.43	1.38
chrX	70011555	70016803	5249	169	586.81	13.8	0.09
chrX	70019775	70022165	2391	76	279.75	11.5	0.28
chrX	70023174	70024952	1779	54	194.88	9.2	0.45
chrX	70025064	70030868	5805	173	542.41	9.96	0.08
chrX	70033321	70035214	1894	57	203.09	9.96	0.4
chrX	70035927	70038797	2871	81	190.18	7.71	0.47
chrX	70044769	70045718	950	21	61.8	6.13	1.7
chrX	70047188	70047895	708	17	57.32	6.9	1.83
chrX	70048599	70050003	1405	32	90.34	6.9	1.11
chrX	70054109	70054948	840	19	58.62	6.13	1.74
chrX	70068106	70069029	924	19	52.57	6.9	1.99
chrX	70071751	70074204	2454	64	188.56	7.66	0.46
chrX	70074410	70075516	1107	22	56.48	7.66	1.87
chrX	70076272	70079095	2824	75	211.58	10.73	0.36
chrX	70080663	70084999	4337	147	543.23	10.73	0.08
chrX	70088354	70093825	5472	175	603.69	14.56	0.09
chrX	70094353	70105627	11275	406	1555.05	14.56	0
chrX	70107147	70111661	4515	128	383.11	11.5	0.21
chrX	70114326	70115112	787	17	51.14	5.37	2.07
chrX	70115122	70117271	2150	50	125.35	6.9	0.71
chrX	70123738	70128051	4314	137	482.63	11.5	0.07
chrX	70140433	70141617	1185	28	84.19	7.66	1.15
chrX	70141979	70142745	767	17	52.63	6.9	1.97
chrX	70143734	70144535	802	17	50.06	5.37	2.14
chrX	70144549	70145347	799	17	50.27	6.9	2.13
chrX	70146971	70148985	2015	52	153.18	8.43	0.5
chrX	70149080	70152516	3437	97	299.58	8.43	0.23
chrX	70153581	70154977	1397	32	79.8	9.2	1.2
chrX	70157299	70159060	1762	38	103.43	6.9	0.92
chrX	70162804	70164134	1331	37	127.13	12.26	0.68
chrX	70164145	70167404	3260	111	420.19	13.8	0.12
chrX	70168536	70170413	1878	47	134.63	6.9	0.6
chrX	70171837	70172618	782	17	51.51	6.9	2.05
chrX	70173444	70175230	1787	51	174	9.2	0.45
chrX	70178419	70186474	8056	243	764.12	14.56	0.12
chrX	70186856	70189891	3036	78	211.94	9.2	0.36
chrX	70190048	70191308	1261	32	95.84	6.9	1.01
chrX	70192550	70193486	937	21	62.77	8.43	1.64
chrX	70193861	70195062	1202	34	113.58	7.66	0.87
chrX	70196357	70197809	1453	34	92.42	6.9	1.09
chrX	70199394	70200082	689	16	52.85	5.37	1.98
chrX	70203565	70204560	996	24	75.71	6.9	1.28
chrX	70204626	70205409	784	22	75.71	7.66	1.28
chrX	70205622	70208227	2606	58	158.94	6.9	0.48
chrX	70208752	70209583	832	19	59.24	6.13	1.74
chrX	70209620	70210647	1028	21	56.34	8.43	1.87

chrX	70213145	70213950	806	19	61.31	8.43	1.72
chrX	70217415	70220080	2666	81	277.47	10.73	0.28
chrX	70220110	70221485	1376	32	81.27	5.37	1.17
chrX	70222175	70223348	1174	29	85.06	6.9	1.12
chrX	70236226	70238236	2011	58	191.23	9.2	0.47
chrX	70244147	70245428	1282	31	94.11	8.43	1.08
chrX	70246210	70247010	801	18	55.81	6.9	1.86
chrX	70264955	70265933	979	23	71.14	7.66	1.42
chrX	70273308	70277055	3748	104	308.81	9.2	0.24
chrX	70277642	70278449	808	18	55.28	6.13	1.88
chrX	70279822	70284537	4716	138	427.95	9.96	0.12
chrX	70284593	70286412	1820	45	127.51	8.43	0.68
chrX	70287027	70287998	972	22	65.86	7.66	1.52
chrX	70288482	70292625	4144	126	439.44	10.73	0.12
chrX	70293080	70295120	2041	52	151	8.43	0.51
chrX	70299704	70300712	1009	22	63.12	9.2	1.61
chrX	70300937	70303370	2434	66	202.63	9.2	0.4
chrX	70305962	70308458	2497	66	190.96	7.66	0.47
chrX	70308874	70310836	1963	45	116.67	7.66	0.86
chrX	70313858	70316167	2310	60	170.55	8.43	0.48
chrX	70319235	70320775	1541	34	86.14	6.9	1.11
chrX	70335467	70338584	3118	80	217.09	9.2	0.35
chrX	70339012	70340850	1839	40	98.11	7.66	1.03
chrX	70342117	70342922	806	18	55.43	6.13	1.89
chrX	70344077	70344875	799	17	50.27	4.6	2.13
chrX	70345235	70346091	857	18	51.72	7.66	2.03
chrX	70348860	70351528	2669	71	212.74	9.96	0.37
chrX	70357544	70360701	3158	86	255.99	12.26	0.32
chrX	70363308	70364502	1195	28	83.4	9.96	1.15
chrX	70366908	70367697	790	17	50.92	6.13	2.07
chrX	70367813	70369579	1767	45	131.83	6.9	0.62
chrX	70370510	70371895	1386	37	121.95	6.9	0.8
chrX	70375190	70376096	907	24	83.48	7.66	1.15
chrX	70376156	70380968	4813	130	368.89	9.2	0.25
chrX	70382052	70383922	1871	48	141.17	6.9	0.58
chrX	70384647	70385792	1146	24	64.51	8.43	1.57
chrX	70390424	70391770	1347	33	100.72	10.73	1.01
chrX	70430246	70431696	1451	43	154.84	9.96	0.47
chrX	70434850	70437320	2471	65	187.11	6.9	0.46
chrX	70438107	70445110	7004	247	936.38	15.33	0.15
chrX	70453305	70454221	917	21	58.57	6.9	1.74
chrX	70457232	70458067	836	18	53.21	6.13	1.98
chrX	70459002	70459857	856	18	51.79	5.37	2.04
chrX	70461860	70462661	802	17	50.06	4.6	2.14
chrX	70464790	70467111	2322	68	232.64	9.96	0.34
chrX	70467710	70468439	730	18	61.59	6.13	1.7
chrX	70473237	70474276	1040	29	103.19	9.96	0.93
chrX	70476978	70477929	952	22	67.4	6.13	1.53
chrX	70479483	70481646	2164	66	222.11	10.73	0.33
chrX	70482546	70483730	1185	28	84.19	6.13	1.15
chrX	70496151	70497987	1837	47	138	6.9	0.57

chrX	70498734	70500172	1439	37	111.1	10.73	0.85
chrX	70500430	70501263	834	20	65.01	6.13	1.55
chrX	70502579	70504323	1745	43	127.67	9.2	0.68
chrX	70504597	70506070	1474	35	96.53	6.9	1.02
chrX	70514675	70515943	1269	29	77.84	9.2	1.27
chrX	70516150	70518836	2687	83	288.78	13.8	0.29
chrX	70519087	70519914	828	18	53.79	5.37	1.96
chrX	70520461	70524392	3932	101	274.83	9.2	0.27
chrX	70525658	70528998	3341	96	302.26	10.73	0.23
chrX	70530034	70531677	1644	41	118.1	7.66	0.86
chrX	70533366	70535892	2527	72	225.65	10.73	0.33
chrX	70539912	70542560	2649	72	208.35	7.66	0.36
chrX	70543397	70544538	1142	30	100.01	11.5	1.01
chrX	70546156	70547819	1664	46	153.42	7.66	0.49
chrX	70548108	70550612	2505	55	127.92	8.43	0.68
chrX	70551353	70553841	2489	65	185.6	8.43	0.47
chrX	70553914	70554724	811	19	55.06	9.2	1.88
chrX	70579428	70580425	998	21	58.37	6.13	1.77
chrX	70624373	70625058	686	16	53.09	8.43	1.98
chrX	70630974	70631951	978	21	59.77	6.13	1.71
chrX	70633102	70633985	884	19	55.35	6.13	1.88
chrX	70640661	70641954	1294	31	87.31	8.43	1.12
chrX	70643738	70645324	1587	36	99.42	7.66	1.03
chrX	70645672	70648139	2468	64	181.35	11.5	0.46
chrX	70650174	70651579	1406	37	120.13	7.66	0.86
chrX	70653085	70654928	1844	57	201.59	11.5	0.42
chrX	70655967	70663723	7757	283	1114.43	15.33	0
chrX	70664229	70670597	6369	183	558.98	13.8	0.08
chrX	70673166	70674942	1777	47	149.33	9.2	0.53
chrX	70675329	70676126	798	18	56.05	6.9	1.86
chrX	70676134	70678442	2309	54	136.04	6.9	0.59
chrX	70679312	70680453	1142	24	64.79	6.13	1.57
chrX	70681804	70684423	2620	70	210.89	13.8	0.36
chrX	70684509	70687530	3022	80	225	9.96	0.33
chrX	70691398	70693989	2592	60	165.64	8.43	0.49
chrX	70694538	70696033	1496	46	170.51	9.2	0.48
chrX	70696303	70699722	3420	103	346.86	15.33	0.23
chrX	70700036	70702176	2141	50	126	7.66	0.7
chrX	70702780	70704493	1714	49	161.56	13.03	0.47
chrX	70705766	70707224	1459	37	109.43	8.43	0.88
chrX	70707617	70709156	1540	43	145.91	11.5	0.57
chrX	70721711	70723056	1346	36	119.29	10.73	0.86
chrX	70723862	70724986	1125	26	77.22	6.9	1.27
chrX	70726221	70729732	3512	103	324.52	9.96	0.21
chrX	70732846	70733533	688	16	52.93	7.66	1.98
chrX	70737696	70738401	706	18	63.71	8.43	1.61
chrX	70739487	70740622	1136	24	65.2	7.66	1.56
chrX	70740833	70744344	3512	99	324.52	10.73	0.21
chrX	70744556	70745487	932	23	68.99	6.13	1.49
chrX	70745603	70749403	3801	103	291.81	9.96	0.26
chrX	70749992	70750785	794	17	50.63	9.2	2.1

chrX	70751575	70754185	2611	68	193.4	11.5	0.47
chrX	70766329	70767301	973	21	60.13	7.66	1.72
chrX	70771150	70772963	1814	48	146.05	9.2	0.57
chrX	70775764	70778770	3007	74	196.77	8.43	0.46
chrX	70785675	70786932	1258	30	90.13	7.66	1.11
chrX	70788558	70789433	876	18	50.41	7.66	2.12
chrX	70790727	70796980	6254	187	602.61	9.96	0.09
chrX	70796991	70797894	904	23	71.28	6.9	1.42
chrX	70798464	70802235	3772	107	325.48	10.73	0.21
chrX	70805548	70807492	1945	48	135.13	8.43	0.59
chrX	70808166	70810613	2448	61	171.13	9.2	0.48
chrX	70810736	70813441	2706	69	191.51	7.66	0.47
chrX	70814791	70816954	2164	62	202.36	12.26	0.42
chrX	70817553	70819800	2248	56	151.97	7.66	0.5
chrX	70823771	70825269	1499	40	130.56	8.43	0.63
chrX	70826012	70827965	1954	64	245.09	17.63	0.33
chrX	70830575	70831358	784	18	57.13	7.66	1.86
chrX	70832680	70834242	1563	37	101.21	9.2	1.01
chrX	70834479	70835519	1041	26	78.01	6.9	1.27
chrX	70838705	70840044	1340	38	132.79	7.66	0.63
chrX	70840999	70845243	4245	112	314.46	7.66	0.24
chrX	70846533	70847822	1290	28	76.34	6.9	1.27
chrX	70848317	70849343	1027	21	56.41	6.9	1.87
chrX	70850687	70853476	2790	70	190.63	6.9	0.47
chrX	70853845	70854653	809	20	67.12	6.13	1.53
chrX	70855404	70856364	961	22	66.7	6.13	1.52
chrX	70856576	70860278	3703	106	331.96	11.5	0.21
chrX	70862026	70863670	1645	42	123.98	6.9	0.73
chrX	70863910	70865337	1428	42	150.49	10.73	0.53
chrX	70866740	70867663	924	20	58.07	8.43	1.8
chrX	70868209	70872861	4653	125	358.35	9.96	0.24
chrX	70874482	70875383	902	23	71.45	6.9	1.43
chrX	70876255	70877031	777	18	57.69	6.13	1.83
chrX	70877150	70878076	927	25	81.65	8.43	1.17
chrX	70880640	70881900	1261	28	78.42	8.43	1.25
chrX	70882061	70885042	2982	76	204.54	7.66	0.38
chrX	70887953	70889350	1398	32	85.23	6.13	1.11
chrX	70890089	70891030	942	19	51.37	7.66	2.06
chrX	70892825	70893908	1084	27	86.49	7.66	1.12
chrX	70896642	70897932	1291	32	99.36	8.43	1.03
chrX	70903294	70904081	788	19	62.79	6.13	1.64
chrX	70905279	70908504	3226	102	360.65	10.73	0.24
chrX	70911495	70912777	1283	30	88.16	9.96	1.1
chrX	70914489	70916055	1567	36	95.28	7.66	1.03
chrX	70917186	70921196	4011	113	341.28	9.96	0.22
chrX	70921248	70922933	1686	45	132.62	9.96	0.63
chrX	70927732	70929064	1333	31	90.08	7.66	1.11
chrX	70929338	70931645	2308	52	141.69	5.37	0.59
chrX	70937549	70940911	3363	99	332.73	9.2	0.22
chrX	70941834	70943115	1282	31	94.11	11.5	1.08
chrX	70943768	70945711	1944	64	246.26	11.5	0.34

chrX	70945790	70948719	2930	74	197.01	9.2	0.46
chrX	70951286	70953537	2252	64	206.83	7.66	0.35
chrX	70954372	70956218	1847	53	181.19	11.5	0.46
chrX	70958876	70960429	1554	37	101.89	7.66	0.98
chrX	70960591	70962576	1986	52	155.65	10.73	0.47
chrX	70967522	70970482	2961	92	320.8	12.26	0.21
chrX	70971032	70972127	1096	28	91.61	8.43	1.09
chrX	70972425	70975064	2640	75	234.17	9.96	0.35
chrX	70975803	70977884	2082	60	197.33	10.73	0.46
chrX	70978547	70979470	924	22	69.63	6.9	1.46
chrX	70982954	70988599	5646	179	612.22	13.8	0.09
chrX	70991346	70996269	4924	149	492.49	13.8	0.07
chrX	70997209	70999717	2509	63	172.11	8.43	0.46
chrX	71000485	71001640	1156	32	111.51	8.43	0.85
chrX	71001784	71007738	5955	196	709.7	14.56	0.11
chrX	71010133	71011323	1191	28	83.71	7.66	1.14
chrX	71012163	71018034	5872	195	691.07	12.26	0.11
chrX	71020324	71024264	3941	100	262.4	8.43	0.33
chrX	71024542	71025659	1118	25	72.03	6.9	1.4
chrX	71027791	71029866	2076	49	130.77	6.9	0.63
chrX	71029929	71031225	1297	37	123.91	13.8	0.73
chrX	71032610	71033443	834	20	65.01	6.9	1.55
chrX	71035165	71036137	973	22	65.79	6.9	1.52
chrX	71050380	71051447	1068	22	53.76	6.9	1.96
chrX	71051509	71052701	1193	27	77.79	6.9	1.27
chrX	71054898	71056373	1476	37	114.03	6.13	0.86
chrX	71056459	71059000	2542	64	169.5	9.96	0.48
chrX	71059054	71060683	1630	54	197.42	9.96	0.46
chrX	71060725	71062009	1285	34	105.99	11.5	0.92
chrX	71062030	71064867	2838	86	299.92	12.26	0.23
chrX	71065813	71068064	2252	58	163.41	9.2	0.48
chrX	71076561	71079222	2662	63	160.41	7.66	0.47
chrX	71079901	71080781	881	18	50.08	6.13	2.14
chrX	71080784	71082105	1322	30	85.19	9.2	1.11
chrX	71087542	71089833	2292	61	178.12	7.66	0.46
chrX	71096071	71099067	2997	80	233.2	9.96	0.34
chrX	71099194	71100976	1783	47	142.61	7.66	0.59
chrX	71102286	71103370	1085	24	68.81	6.13	1.49
chrX	71104619	71105770	1152	24	64.11	7.66	1.6
chrX	71106917	71107963	1047	28	96.04	7.66	1.02
chrX	71108005	71109581	1577	39	111.7	6.9	0.85
chrX	71110301	71111503	1203	32	107.08	8.43	0.9
chrX	71111803	71113090	1288	34	111.96	8.43	0.86
chrX	71113185	71114690	1506	40	129.92	12.26	0.66
chrX	71114777	71116070	1294	29	81.62	7.66	1.17
chrX	71122650	71124339	1690	39	103.07	9.2	0.93
chrX	71125441	71126257	817	18	54.61	6.13	1.9
chrX	71129024	71130207	1184	25	67.33	8.43	1.53
chrX	71131624	71135521	3898	130	480.71	10.73	0.07
chrX	71140179	71141242	1064	22	59.29	7.66	1.73
chrX	71144197	71145864	1668	43	134.18	9.2	0.62

chrX	71147912	71149199	1288	31	93.63	6.9	1.07
chrX	71149247	71150311	1065	30	100.77	8.43	1.01
chrX	71163058	71165445	2388	63	176.04	9.2	0.45
chrX	71166144	71168078	1935	52	160.12	10.73	0.47
chrX	71168473	71172098	3626	114	392.71	13.03	0.16
chrX	71172916	71173716	801	17	50.13	6.9	2.13
chrX	71173843	71174634	792	19	62.46	6.9	1.68
chrX	71176356	71177615	1260	34	108.2	10.73	0.88
chrX	71177840	71180426	2587	87	335.08	10.73	0.22
chrX	71181199	71182425	1227	30	92.65	7.66	1.09
chrX	71188347	71192990	4644	126	359.13	9.96	0.24
chrX	71193765	71195906	2142	53	148.7	8.43	0.54
chrX	71196878	71197973	1096	30	104.29	8.43	0.92
chrX	71198013	71198626	614	17	59.38	6.9	1.73
chrX	71206814	71210075	3262	88	259.14	9.2	0.32
chrX	71210947	71211657	711	16	51.11	6.13	2.06
chrX	71211751	71213382	1632	37	96.15	6.13	1.02
chrX	71213809	71217683	3875	105	303.72	9.96	0.23
chrX	71218227	71220778	2552	79	269.17	11.5	0.33
chrX	71223736	71225136	1401	40	139.91	10.73	0.58
chrX	71225280	71227665	2386	70	232.82	9.2	0.34
chrX	71227920	71229199	1280	30	82.65	7.66	1.15
chrX	71229405	71230192	788	17	51.07	5.37	2.08
chrX	71232188	71233481	1294	25	60.25	9.2	1.72
chrX	71235814	71237889	2076	53	154.08	8.43	0.49
chrX	71242228	71243438	1211	29	88	9.96	1.1
chrX	71249058	71250157	1100	25	73.38	8.43	1.39
chrX	71253258	71254887	1630	47	163.27	9.2	0.48
chrX	71257433	71258557	1125	25	71.51	6.9	1.42
chrX	71274239	71275552	1314	33	103.48	8.43	0.92
chrX	71278247	71280072	1826	47	138.93	7.66	0.57
chrX	71284935	71288468	3534	101	309.59	10.73	0.24
chrX	71289304	71294619	5316	142	398.54	11.5	0.16
chrX	71295731	71297192	1462	44	160.46	9.96	0.47
chrX	71299178	71300097	920	21	64.06	8.43	1.6
chrX	71300103	71301560	1458	32	75.7	7.66	1.28
chrX	71301723	71303307	1585	44	148.06	9.2	0.56
chrX	71303498	71304377	880	21	67.24	8.43	1.53
chrX	71304666	71306685	2020	56	177.52	7.66	0.45
chrX	71306884	71307750	867	22	74.47	7.66	1.37
chrX	71309277	71310146	870	20	62.12	7.66	1.69
chrX	71316202	71317471	1270	24	56.69	9.2	1.87
chrX	71317954	71320363	2410	68	211.12	10.73	0.36
chrX	71322552	71323450	899	20	59.9	5.37	1.72
chrX	71323934	71325544	1611	41	120.81	8.43	0.86
chrX	71327589	71329765	2177	51	128.94	6.13	0.65
chrX	71330032	71330874	843	18	52.71	6.13	1.97
chrX	71332640	71333629	990	24	76.21	8.43	1.28
chrX	71335824	71337308	1485	37	113.28	9.2	0.86
chrX	71342986	71343824	839	19	58.7	6.9	1.75
chrX	71346313	71347132	820	19	60.18	6.9	1.72

chrX	71347138	71348033	896	23	71.96	7.66	1.4
chrX	71348207	71349099	893	24	78.41	7.66	1.25
chrX	71350308	71351589	1282	30	88.24	8.43	1.11
chrX	71353396	71354176	781	17	51.58	7.66	2.04
chrX	71354178	71356128	1951	54	177.6	8.43	0.46
chrX	71359557	71362577	3021	77	207.28	8.43	0.35
chrX	71363797	71364454	658	16	55.43	7.66	1.88
chrX	71364480	71366040	1561	41	118.97	8.43	0.86
chrX	71366985	71371696	4712	149	507.99	16.86	0.07
chrX	71375527	71379654	4128	118	355.74	9.96	0.23
chrX	71379902	71382066	2165	54	141.11	7.66	0.58
chrX	71382820	71383604	785	17	51.29	5.37	2.06
chrX	71384110	71386794	2685	79	262.22	9.96	0.33
chrX	71386988	71388103	1116	24	66.59	6.9	1.52
chrX	71389344	71390265	922	20	58.21	7.66	1.78
chrX	71398757	71400043	1287	31	93.71	9.2	1.07
chrX	71400296	71401239	944	20	56.65	6.9	1.87
chrX	71401588	71404566	2979	101	389.02	10.73	0.21
chrX	71404695	71405488	794	22	74.77	7.66	1.35
chrX	71465334	71467517	2184	66	233.49	9.96	0.35
chrX	71467552	71469535	1984	54	161.97	13.8	0.47
chrX	71471433	71474105	2673	79	270.06	10.73	0.3
chrX	71474553	71475583	1031	24	72.9	6.9	1.4
chrX	71485206	71486173	968	20	55	6.13	1.88
chrX	71502918	71503744	827	20	65.6	6.9	1.52
chrX	71504209	71505228	1020	21	56.88	8.43	1.88
chrX	71514521	71515693	1173	23	57.5	9.2	1.83
chrX	71517477	71519362	1886	54	183.9	12.26	0.47
chrX	71526502	71527503	1002	26	87.48	9.2	1.12
chrX	71528572	71533171	4600	129	387.89	13.03	0.21
chrX	71538686	71539451	766	24	90.98	9.2	1.12
chrX	71540871	71542247	1377	32	86.76	7.66	1.12
chrX	71542504	71545937	3434	90	250.49	8.43	0.34
chrX	71546457	71547773	1317	32	97.21	9.96	1.02
chrX	71548178	71549097	920	20	58.36	6.9	1.77
chrX	71550734	71551444	711	16	51.11	6.13	2.06
chrX	71552156	71552902	747	19	66.34	7.66	1.52
chrX	71557549	71558348	800	17	50.2	6.13	2.13
chrX	71559085	71559846	762	17	53	6.9	1.98
chrX	71561439	71564121	2683	85	309.83	10.73	0.24
chrX	71566059	71567307	1249	32	96.84	10.73	1.01
chrX	71567334	71568726	1393	41	140.71	9.2	0.58
chrX	71570254	71571197	944	23	74	9.2	1.38
chrX	71571322	71572763	1442	33	82.12	6.13	1.16
chrX	71573085	71575037	1953	53	164.74	6.9	0.48
chrX	71575562	71579863	4302	114	315.67	7.66	0.24
chrX	71580046	71580746	701	16	51.89	5.37	2.04
chrX	71581346	71582808	1463	42	140.37	8.43	0.58
chrX	71583534	71585834	2301	60	177.34	9.2	0.45
chrX	71586287	71588417	2131	57	173.73	7.66	0.45
chrX	71589027	71590237	1211	28	82.16	7.66	1.16

chrX	71594363	71596172	1810	36	79.37	9.2	1.22
chrX	71596326	71597659	1334	32	95.84	8.43	1.01
chrX	71597670	71599124	1455	32	81.23	5.37	1.17
chrX	71601873	71603461	1589	38	104.95	7.66	0.93
chrX	71607536	71611188	3653	108	362.98	12.26	0.24
chrX	71615625	71616636	1012	22	62.9	7.66	1.63
chrX	71620781	71625467	4687	126	361.51	11.5	0.24
chrX	71625948	71627057	1110	34	129.7	10.73	0.66
chrX	71627987	71628782	796	18	56.2	5.37	1.87
chrX	71629723	71630698	976	23	71.38	7.66	1.43
chrX	71631416	71632515	1100	24	67.73	6.9	1.51
chrX	71633461	71634483	1023	24	73.53	6.9	1.38
chrX	71636461	71637716	1256	29	78.78	6.9	1.23
chrX	71638017	71638823	807	18	55.36	5.37	1.88
chrX	71640629	71642463	1835	43	114.85	8.43	0.86
chrX	71643068	71644495	1428	40	137.25	10.73	0.58
chrX	71645364	71646749	1386	33	91.77	7.66	1.1
chrX	71652215	71653106	892	21	66.27	6.9	1.52
chrX	71653130	71655572	2443	74	246.93	9.2	0.34
chrX	71655860	71657768	1909	58	208.29	9.96	0.36
chrX	71663948	71665978	2031	51	151.84	9.2	0.5
chrX	71667707	71668569	863	19	56.89	5.37	1.88
chrX	71683231	71685429	2199	54	150.02	6.9	0.53
chrX	71685992	71686860	869	18	50.89	6.13	2.07
chrX	71687015	71688205	1191	32	108.19	7.66	0.88
chrX	71692144	71693365	1222	26	70.14	8.43	1.47
chrX	71694099	71695122	1024	25	79.41	8.43	1.22
chrX	71700117	71701959	1843	47	137.5	12.26	0.58
chrX	71703056	71703824	769	17	52.47	6.9	1.98
chrX	71708301	71709186	886	21	66.75	8.43	1.52
chrX	71710050	71711256	1207	25	65.77	9.96	1.52
chrX	71711282	71714087	2806	103	418.19	12.26	0.11
chrX	71715181	71715967	787	19	62.87	6.9	1.64
chrX	71722457	71723393	937	21	62.77	6.13	1.64
chrX	71725533	71727558	2026	60	202.88	10.73	0.4
chrX	71727657	71728671	1015	37	155.57	10.73	0.47
chrX	71729398	71730314	917	19	53.05	6.9	1.97
chrX	71730823	71737794	6972	214	708.66	11.5	0.11
chrX	71738793	71742335	3543	112	394.85	10.73	0.16
chrX	71742478	71743717	1240	31	91.59	7.66	1.09
chrX	71744351	71746423	2073	71	281.35	10.73	0.28
chrX	71748239	71749310	1072	25	75.53	7.66	1.3
chrX	71754493	71755318	826	20	65.68	6.9	1.52
chrX	71773995	71776211	2217	67	243.58	18.4	0.33
chrX	71797194	71798590	1397	32	79.8	6.13	1.2
chrX	71801010	71802218	1209	28	82.31	7.66	1.16
chrX	71802253	71804105	1853	46	124.91	7.66	0.71
chrX	71804699	71806753	2055	53	155.84	8.43	0.48
chrX	71808958	71810554	1597	45	153.4	7.66	0.49
chrX	71813157	71814013	857	19	57.33	6.13	1.83
chrX	71816488	71817375	888	21	66.59	6.9	1.52

chrX	71818259	71819667	1409	37	119.86	9.96	0.85
chrX	71825672	71826868	1197	29	89.14	8.43	1.1
chrX	71828608	71829584	977	22	65.48	6.9	1.52
chrX	71902771	71903544	774	17	52.1	6.13	2.03
chrX	71904499	71905842	1344	38	125.88	9.2	0.7
chrX	71905869	71906714	846	20	58.16	6.9	1.78
chrX	71919312	71920340	1029	23	67.29	6.9	1.53
chrX	71922452	71923455	1004	25	81.1	7.66	1.17
chrX	71936873	71937730	858	19	57.26	7.66	1.85
chrX	71944149	71944993	845	19	58.24	6.13	1.78
chrX	71947319	71948381	1063	22	59.36	7.66	1.73
chrX	71950513	71952381	1869	52	172.54	7.66	0.44
chrX	71960266	71961644	1379	37	116.3	9.2	0.87
chrX	71962946	71965254	2309	72	261.08	9.96	0.32
chrX	71968935	71969775	841	19	58.54	6.9	1.74
chrX	71990899	71992672	1774	49	155.89	7.66	0.48
chrX	72000966	72001921	956	23	73	6.9	1.4
chrX	72006956	72007748	793	18	56.43	6.13	1.87
chrX	72016253	72018088	1836	69	289.49	14.56	0.29
chrX	72018494	72021128	2635	81	287.52	9.96	0.29
chrX	72024077	72025710	1634	43	130.99	8.43	0.63
chrX	72026858	72027841	984	22	64.96	5.37	1.56
chrX	72028351	72029391	1041	22	60.86	7.66	1.72
chrX	72030453	72031320	868	21	68.23	9.96	1.5
chrX	72032166	72032996	831	22	77.74	9.96	1.27
chrX	72054372	72055402	1031	25	78.83	7.66	1.23
chrX	72073658	72074486	829	18	53.72	6.9	1.96
chrX	72082686	72083667	982	20	54.06	5.37	1.95
chrX	72084196	72085031	836	18	53.21	5.37	1.98
chrX	72089964	72091607	1644	45	148.9	9.96	0.52
chrX	72098281	72099135	855	18	51.86	6.9	2.04
chrX	72099200	72100557	1358	35	111.95	9.96	0.85
chrX	72105998	72107071	1074	23	64.04	7.66	1.59
chrX	72117027	72117850	824	18	54.09	6.13	1.95
chrX	72119575	72120874	1300	36	123.62	11.5	0.76
chrX	72123669	72124717	1049	27	89.54	8.43	1.1
chrX	72125487	72127019	1533	39	115.29	6.9	0.87
chrX	72136637	72137343	707	16	51.42	6.9	2.06
chrX	72142079	72142913	835	19	59.01	6.13	1.75
chrX	72150951	72151918	968	21	60.49	6.9	1.72
chrX	72158616	72159542	927	27	101.27	9.96	1.01
chrX	72206534	72208542	2009	55	172.21	7.66	0.46
chrX	72208981	72210511	1531	41	133.95	9.96	0.62
chrX	72237240	72238011	772	17	52.25	6.9	2.03
chrX	72294202	72296626	2425	63	191.06	9.96	0.47
chrX	72297278	72298306	1029	25	79	7.66	1.23
chrX	72299516	72301054	1539	40	120.83	10.73	0.86
chrX	72301759	72303687	1929	54	179.7	11.5	0.46
chrX	72305034	72306572	1539	46	165.92	9.96	0.49
chrX	72307367	72317138	9772	369	1473.79	14.56	0
chrX	72317279	72321264	3986	132	477.61	15.33	0.07

chrX	72321977	72334274	12298	438	306.49	6.06	0.23
chrX	72334889	72335727	839	21	67.13	7.3	1.53
chrX	72336247	72337089	843	21	70.36	6.9	1.47
chrX	72338982	72340335	1354	32	94.25	8.43	1.08
chrX	72342701	72343916	1216	35	125.33	9.2	0.71
chrX	72344064	72344896	833	19	53.43	7.66	1.97
chrX	72346537	72348054	1518	39	116.54	8.43	0.87
chrX	72348592	72350014	1423	35	100.49	7.66	1.02
chrX	72352717	72353952	1236	34	116.8	6.9	0.86
chrX	72366621	72367949	1329	35	108.31	7.66	0.88
chrX	72370231	72371295	1065	28	94.38	7.66	1.08
chrX	72375353	72376181	829	20	65.43	6.13	1.54
chrX	72382052	72383309	1258	32	88.99	6.78	1.09
chrX	72384992	72390449	5458	148	370.82	9.49	0.25
chrX	72391673	72392683	1011	22	62.98	6.9	1.62
chrX	72435028	72436674	1647	43	129.87	8.43	0.66
chrX	72438018	72439532	1515	40	129.11	7.66	0.65
chrX	72447129	72448067	939	21	62.62	7.66	1.65
chrX	72455831	72457682	1852	63	250.07	13.03	0.34
chrX	72463300	72464482	1183	28	84.35	9.2	1.15
chrX	72465130	72465923	794	17	50.63	5.37	2.1
chrX	72470230	72472373	2144	59	178.79	9.96	0.46
chrX	72478112	72482255	4144	107	304.93	8.43	0.23
chrX	72482547	72483965	1419	41	144.73	8.43	0.56
chrX	72484543	72485335	793	17	50.71	6.9	2.07
chrX	72488873	72489825	953	21	61.58	6.13	1.7
chrX	72490550	72491739	1190	27	78.02	8.43	1.27
chrX	72492032	72494164	2133	49	137.83	6.13	0.58
chrX	72495543	72497427	1885	55	190.6	11.5	0.47
chrX	72497628	72499988	2361	63	190.51	7.66	0.47
chrX	72500061	72501577	1517	40	122.73	8.43	0.79
chrX	72502197	72503112	916	20	58.65	6.9	1.75
chrX	72503653	72507080	3428	92	275.33	9.2	0.28
chrX	72507088	72507891	804	19	55.59	7.66	1.87
chrX	72508914	72510653	1740	40	105.01	6.9	0.93
chrX	72510661	72513272	2612	68	193.31	7.66	0.47
chrX	72513353	72514503	1151	30	92.99	8.43	1.06
chrX	72515938	72516776	839	20	64.6	7.66	1.58
chrX	72517065	72518460	1396	40	133.84	8.43	0.63
chrX	72519725	72520836	1112	26	78.24	7.66	1.25
chrX	72520903	72522899	1997	49	131.06	9.96	0.63
chrX	72523012	72526007	2996	91	310.34	9.2	0.24
chrX	72526576	72528132	1557	36	96.01	6.9	1.02
chrX	72529568	72530510	943	20	56.72	6.9	1.87
chrX	72532371	72535930	3560	86	217.32	9.2	0.32
chrX	72536154	72539641	3488	103	333.39	9.96	0.22
chrX	72541355	72545349	3995	108	311.63	9.2	0.24
chrX	72545526	72547185	1660	38	99.68	7.66	1.02
chrX	72548469	72549766	1298	32	92.83	7.66	1.08
chrX	72549996	72551066	1071	22	58.82	6.9	1.75
chrX	72552042	72553263	1222	28	81.32	7.66	1.17

chrX	72554351	72555247	897	20	60.05	5.37	1.72
chrX	72556597	72560481	3885	115	379.23	9.96	0.2
chrX	72561074	72566685	5612	175	581.9	10.73	0.09
chrX	72567729	72571173	3445	84	231.88	9.2	0.34
chrX	72571200	72572139	940	19	51.51	8.43	2.05
chrX	72580715	72582233	1519	37	104.6	7.66	0.93
chrX	72582307	72583451	1145	23	59.27	6.9	1.74
chrX	72583846	72584956	1111	21	51.14	7.66	2.07
chrX	72586066	72588619	2554	67	192.17	8.43	0.47
chrX	72589942	72592279	2338	64	192.55	8.43	0.47
chrX	72595613	72597317	1705	40	107.59	9.2	0.89
chrX	72599482	72600339	858	19	57.26	6.13	1.85
chrX	72601417	72604150	2734	79	257.39	8.43	0.32
chrX	72604193	72605021	829	20	59.47	6.9	1.73
chrX	72609329	72614726	5398	169	570.7	12.26	0.08
chrX	72615057	72618740	3684	100	295.91	9.2	0.22
chrX	72619399	72621414	2016	60	210.58	8.43	0.36
chrX	72637255	72638501	1247	31	97.01	9.2	1.01
chrX	72639160	72639937	778	17	51.8	4.6	2.03
chrX	72652434	72653253	820	18	54.38	6.9	1.93
chrX	72653891	72655649	1759	56	210.91	9.2	0.36
chrX	72655902	72658212	2311	74	274.77	9.2	0.27
chrX	72658824	72659694	871	19	56.3	7.66	1.87
chrX	72661579	72664819	3241	91	273.46	10.73	0.27
chrX	72665340	72666589	1250	30	90.78	10.73	1.12
chrX	72669157	72670190	1034	25	78.58	8.43	1.25
chrX	72670255	72673069	2815	79	243.27	9.2	0.33
chrX	72675963	72678194	2232	65	221.85	9.96	0.33
chrX	72678455	72679301	847	19	58.09	6.13	1.8
chrX	72681164	72683661	2498	84	324.11	9.96	0.21
chrX	72683990	72685851	1862	43	112.86	9.2	0.86
chrX	72686506	72688757	2252	61	181.59	9.2	0.46
chrX	72689260	72690800	1541	41	126.8	9.96	0.69
chrX	72690829	72691822	994	23	64.22	7.66	1.59
chrX	72692148	72693070	923	24	82.01	8.43	1.16
chrX	72700105	72705268	5164	152	475.11	11.5	0.07
chrX	72705913	72707350	1438	37	117.3	9.2	0.85
chrX	72707579	72709788	2210	50	121.15	7.66	0.85
chrX	72722230	72723610	1381	35	109.95	9.2	0.88
chrX	72723996	72726850	2855	73	203.03	7.66	0.4
chrX	72727415	72729971	2557	66	191.92	9.2	0.47
chrX	72731115	72732351	1237	31	97.86	9.96	1.02
chrX	72735629	72737629	2001	55	172.94	13.03	0.45
chrX	72743576	72744461	886	20	60.89	6.9	1.72
chrX	72744752	72748400	3649	110	363.39	9.2	0.24
chrX	72751704	72753613	1910	45	120.56	6.9	0.86
chrX	72756040	72757496	1457	38	121.82	9.96	0.82
chrX	72758102	72759186	1085	28	92.58	10.73	1.09
chrX	72759499	72761155	1657	40	111.23	6.13	0.85
chrX	72762609	72763425	817	19	60.42	6.9	1.73
chrX	72767167	72768965	1799	51	172.82	11.5	0.44

chrX	72769682	72770934	1253	31	96.51	8.43	1.02
chrX	72774687	72775636	950	21	61.8	6.13	1.7
chrX	72777714	72779735	2022	50	140.7	9.2	0.58
chrX	72780110	72781083	974	23	71.54	6.9	1.42
chrX	72782976	72784364	1389	37	115.42	6.9	0.87
chrX	72787580	72789847	2268	57	162.1	7.66	0.48
chrX	72794321	72795661	1341	31	89.47	8.43	1.1
chrX	72796427	72797831	1405	33	90.34	6.13	1.11
chrX	72798006	72800227	2222	59	171.95	8.43	0.46
chrX	72801857	72803346	1490	32	78.87	5.37	1.23
chrX	72803405	72804668	1264	30	89.66	10.73	1.1
chrX	72806271	72807072	802	19	61.63	7.66	1.7
chrX	72809646	72812557	2912	80	234.5	9.96	0.35
chrX	72814360	72816213	1854	49	148.71	7.66	0.54
chrX	72816826	72817826	1001	25	81.35	6.9	1.17
chrX	72818450	72819469	1020	23	67.97	6.9	1.51
chrX	72820268	72820993	726	18	61.94	6.13	1.69
chrX	72821348	72822926	1579	46	161.78	9.96	0.47
chrX	72827120	72827962	843	19	58.39	6.13	1.77
chrX	72832548	72835112	2565	64	173.5	8.43	0.45
chrX	72835519	72836304	786	17	51.21	7.66	2.05
chrX	72837340	72838303	964	22	66.47	6.9	1.52
chrX	72839733	72840989	1257	24	57.45	9.2	1.83
chrX	72841433	72843666	2234	83	350.3	13.8	0.23
chrX	72843781	72847874	4094	106	285.25	10.73	0.29
chrX	72853464	72855070	1607	38	109.33	7.66	0.88
chrX	72856271	72857310	1040	21	55.55	5.37	1.86
chrX	72857531	72861723	4193	115	337.29	9.96	0.22
chrX	72861732	72862472	741	19	60.65	6.13	1.72
chrX	72865612	72866894	1283	28	76.83	9.2	1.27
chrX	72869188	72874803	5616	166	521.89	10.73	0.07
chrX	72874910	72876218	1309	33	97.87	8.43	1.02
chrX	72876680	72877525	846	22	76.35	7.66	1.27
chrX	72884597	72886312	1716	47	148.58	9.2	0.54
chrX	72898969	72900406	1438	36	105.19	8.43	0.93
chrX	72901982	72904205	2224	73	270.6	10.73	0.3
chrX	72913563	72914683	1121	28	89.45	9.2	1.1
chrX	72914725	72918595	3871	104	304.07	11.5	0.23
chrX	72919244	72920211	968	21	60.49	6.13	1.72
chrX	72922486	72925204	2719	86	298.99	9.96	0.23
chrX	72925256	72926258	1003	22	58.03	6.13	1.81
chrX	72927555	72928798	1244	28	79.67	7.66	1.21
chrX	72928899	72929731	833	18	53.43	7.66	1.97
chrX	72929747	72938474	8728	256	769.97	10.73	0.12
chrX	72939007	72940519	1513	33	93.63	6.13	1.07
chrX	72941204	72942738	1535	47	173.17	9.96	0.45
chrX	72944473	72945602	1130	35	134.45	11.5	0.62
chrX	72947118	72948235	1118	24	61.03	8.43	1.72
chrX	72948270	72949137	868	21	62.28	9.96	1.69
chrX	72950812	72951693	882	22	73.15	6.9	1.39
chrX	72951735	72953077	1343	33	101.05	8.43	1.01

chrX	72953782	72956201	2420	78	290.49	10.73	0.26
chrX	72958169	72959988	1820	41	104.82	6.9	0.93
chrX	72960772	72965435	4664	131	394.59	10.73	0.16
chrX	72966550	72967605	1056	27	88.92	9.2	1.1
chrX	72967725	72970622	2898	96	348.56	10.73	0.23
chrX	72971964	72972781	818	20	66.35	6.13	1.52
chrX	72972930	72978279	5350	151	457.44	13.03	0.06
chrX	72980854	72981669	816	20	66.52	6.9	1.52
chrX	72985317	72987668	2352	64	197.53	7.66	0.46
chrX	72988092	72990609	2518	63	183.18	9.96	0.47
chrX	72994588	72996529	1942	56	191.49	10.73	0.47
chrX	72997399	73001160	3762	115	385.13	10.73	0.21
chrX	73001708	73003684	1977	50	138.44	7.66	0.57
chrX	73006625	73007944	1320	36	121.71	9.2	0.82
chrX	73008174	73009630	1457	35	97.83	6.9	1.02
chrX	73011719	73013844	2126	59	193.1	9.2	0.47
chrX	73017401	73018845	1445	36	110.6	10.73	0.85
chrX	73020321	73030057	9737	292	924.47	16.86	0.15
chrX	73032020	73033063	1044	27	89.98	9.2	1.11
chrX	73033409	73037817	4409	191	880.57	15.33	0.14
chrX	73038924	73040197	1274	34	113.24	6.9	0.86
chrX	73041592	73043354	1763	55	196.6	10.73	0.46
chrX	73045487	73046186	700	17	58	6.9	1.81
chrX	73046808	73051631	4824	131	380.18	9.96	0.2
chrX	73053194	73054156	963	21	60.85	8.43	1.72
chrX	73055307	73057392	2086	50	135.7	9.2	0.59
chrX	73057554	73058554	1001	23	69.42	8.43	1.49
chrX	73061491	73063288	1798	47	147.46	7.66	0.57
chrX	73066047	73070804	4758	137	417.53	9.2	0.11
chrX	73072795	73074693	1899	53	169.7	9.2	0.48
chrX	73078857	73086169	7313	242	849.76	12.26	0.14
chrX	73086430	73089639	3210	87	257.56	12.26	0.32
chrX	73089825	73090917	1093	25	73.91	6.13	1.38
chrX	73091291	73093107	1817	48	145.79	6.9	0.57
chrX	73094296	73099514	5219	138	376.65	9.96	0.25
chrX	73101120	73103876	2757	86	294.93	13.8	0.22
chrX	73109715	73112575	2861	70	179.37	7.66	0.46
chrX	73114245	73116496	2252	52	134.61	7.66	0.6
chrX	73120041	73120948	908	20	59.23	6.9	1.74
chrX	73122059	73124598	2540	63	175.48	7.66	0.45
chrX	73129876	73130687	812	19	60.82	5.37	1.71
chrX	73130864	73132278	1415	39	132.02	9.2	0.62
chrX	73140498	73142674	2177	54	151.77	9.2	0.5
chrX	73142820	73143578	759	18	59.15	8.43	1.75
chrX	73149984	73155434	5451	151	441.94	9.2	0.12
chrX	73155960	73159628	3669	108	348.21	9.2	0.23
chrX	73159767	73161258	1492	35	95.18	7.66	1.04
chrX	73162628	73163903	1276	35	119.45	11.5	0.85
chrX	73165539	73166847	1309	34	110.07	9.96	0.88
chrX	73166983	73173503	6521	212	722.83	9.96	0.11
chrX	73173604	73174893	1290	38	131.16	9.96	0.64

chrX	73175009	73180022	5014	156	523.37	9.96	0.08
chrX	73180488	73181717	1230	28	80.71	8.43	1.19
chrX	73181843	73185387	3545	100	295.94	8.43	0.22
chrX	73185413	73187045	1633	61	248.17	13.8	0.34
chrX	73189218	73190506	1289	37	124.68	8.43	0.71
chrX	73190593	73193066	2474	67	205.27	9.2	0.38
chrX	73193292	73194110	819	18	54.46	6.13	1.92
chrX	73196015	73197525	1511	35	93.77	6.9	1.07
chrX	73198024	73201059	3036	87	273.52	9.96	0.27
chrX	73201701	73203218	1518	36	104.67	8.43	0.93
chrX	73203730	73205933	2204	56	155.48	7.66	0.47
chrX	73205960	73206864	905	20	53.87	6.13	1.95
chrX	73209042	73210311	1270	31	95.1	7.66	1.04
chrX	73210517	73212968	2452	66	201.02	8.43	0.42
chrX	73215260	73216126	867	20	62.36	6.9	1.68
chrX	73217706	73219893	2188	62	206.53	9.96	0.35
chrX	73220385	73222509	2125	57	180.5	7.66	0.46
chrX	73225422	73227257	1836	66	274.31	12.26	0.27
chrX	73227285	73231293	4009	125	419.87	9.2	0.12
chrX	73231369	73232449	1081	31	99.27	11.5	1.03
chrX	73236646	73237661	1016	28	98.98	6.13	1.02
chrX	73238325	73239381	1057	21	54.46	7.66	1.92
chrX	73240587	73242389	1803	50	159.55	7.66	0.47
chrX	73242646	73247415	4770	160	592.17	12.26	0.09
chrX	73247507	73248516	1010	27	86.76	7.66	1.12
chrX	73275346	73277695	2350	111	561.11	15.33	0.08
chrX	73281945	73286557	4613	130	392.99	9.96	0.16
chrX	73286881	73288168	1288	32	93.63	6.9	1.07
chrX	73288222	73309673	21452	689	2319.86	14.56	0
chrX	73309684	73310891	1208	38	139.75	9.2	0.58
chrX	73310895	73314940	4046	120	382.89	9.96	0.21
chrX	73315154	73315986	833	21	71.23	8.43	1.42
chrX	73317375	73323534	6160	205	728.45	12.26	0.11
chrX	73324798	73328089	3292	85	232.45	9.2	0.34
chrX	73328296	73332302	4007	115	360.76	9.96	0.24
chrX	73335434	73342051	6618	182	517.45	13.8	0.07
chrX	73343385	73344923	1539	49	186.63	14.56	0.48
chrX	73345166	73347322	2157	59	190.19	9.96	0.47
chrX	73347477	73351092	3616	120	449.64	11.5	0.13
chrX	73351233	73355412	4180	115	344.68	9.2	0.23
chrX	73355649	73356648	1000	29	107.21	9.96	0.9
chrX	73356679	73362302	5624	173	573.92	10.73	0.08
chrX	73363990	73364860	871	20	62.04	6.9	1.69
chrX	73366040	73367072	1033	29	103.88	9.2	0.92
chrX	73367331	73371402	4072	128	426.75	9.96	0.12
chrX	73372767	73374261	1495	39	124.66	7.66	0.71
chrX	73374408	73375627	1220	28	81.47	7.66	1.17
chrX	73377191	73379508	2318	67	226.43	7.66	0.34
chrX	73380407	73382527	2121	59	193.58	8.43	0.47
chrX	73385761	73389521	3761	99	283.09	9.2	0.28
chrX	73392199	73396925	4727	138	439.83	9.2	0.12

chrX	73397454	73398280	827	21	65.6	6.9	1.52
chrX	73398521	73402897	4377	131	422.12	9.96	0.12
chrX	73404364	73408652	4289	138	492.33	11.5	0.07
chrX	73409577	73413374	3798	105	316.79	9.96	0.24
chrX	73415291	73416922	1632	44	143.65	6.9	0.58
chrX	73416952	73420030	3079	95	315.15	13.03	0.24
chrX	73421181	73422035	855	18	51.86	8.43	2.04
chrX	73422360	73423820	1461	33	86.26	6.13	1.11
chrX	73424612	73425754	1143	30	99.91	9.2	1.01
chrX	73425889	73427073	1185	25	67.26	6.9	1.53
chrX	73427097	73431968	4872	161	580.34	14.56	0.09
chrX	73432060	73434884	2825	81	255.08	7.66	0.32
chrX	73435361	73437413	2053	59	193.65	11.5	0.47
chrX	73439056	73441879	2824	87	301.39	9.2	0.23
chrX	73442117	73445415	3299	87	249.83	9.2	0.34
chrX	73446237	73447746	1510	38	117.22	8.43	0.85
chrX	73449560	73451869	2310	79	303.38	11.5	0.23
chrX	73451985	73452825	841	20	58.54	6.9	1.74
chrX	73452940	73455986	3047	82	241.1	8.43	0.33
chrX	73460876	73462266	1391	39	127.86	9.2	0.68
chrX	73462602	73466690	4089	117	359.38	9.2	0.24
chrX	73495558	73496512	955	23	73.08	5.37	1.4
chrX	73496594	73497890	1297	36	117.47	8.43	0.85
chrX	73499821	73500745	925	20	58	7.66	1.8
chrX	73510544	73513166	2623	66	180.56	8.43	0.46
chrX	73514142	73514974	833	21	71.23	10.73	1.42
chrX	73516212	73517863	1652	42	123.4	7.66	0.76
chrX	73518358	73519077	720	17	56.33	8.43	1.87
chrX	73522249	73523127	879	19	55.71	5.37	1.86
chrX	73524003	73525161	1159	26	74.65	6.9	1.35
chrX	73533367	73536236	2870	72	195.94	8.43	0.45
chrX	73561323	73565327	4005	114	373.88	10.73	0.25
chrX	73566408	73568921	2514	75	246.38	9.2	0.34
chrX	73569002	73570672	1671	39	104.47	7.66	0.92
chrX	73570982	73574432	3451	108	377.39	9.96	0.25
chrX	73574763	73577832	3070	141	683.85	16.1	0.11
chrX	73577873	73580457	2585	77	252.46	9.2	0.31
chrX	73582140	73583140	1001	23	69.42	6.9	1.49
chrX	73583219	73584111	893	21	60.35	8.43	1.73
chrX	73584437	73588700	4264	124	394.08	9.96	0.16
chrX	73589478	73590472	995	23	69.88	7.66	1.47
chrX	73590815	73592031	1217	29	81.7	6.9	1.17
chrX	73592898	73599999	7102	208	636.56	13.03	0.1
chrX	73600563	73602717	2155	58	184.05	8.43	0.47
chrX	73603660	73604412	753	17	53.7	6.13	1.96
chrX	73604688	73606310	1623	50	177.42	9.2	0.45
chrX	73611373	73612292	920	20	58.36	7.66	1.77
chrX	73612506	73613354	849	19	57.93	9.96	1.8
chrX	73613747	73615806	2060	50	137.71	9.96	0.58
chrX	73615878	73617722	1845	69	288.27	13.8	0.29
chrX	73617766	73619273	1508	35	88.44	6.13	1.11

chrX	73619375	73620333	959	22	61.14	6.9	1.73
chrX	73622208	73623319	1112	24	66.87	7.66	1.53
chrX	73623377	73624762	1386	35	97.57	6.9	1.02
chrX	73625209	73626384	1176	25	67.88	6.13	1.51
chrX	73627086	73630581	3496	104	332.6	9.2	0.22
chrX	73631425	73633158	1734	44	128.58	7.66	0.65
chrX	73638546	73648186	9641	349	1370.7	13.8	0
chrX	73648648	73649644	997	24	75.63	6.9	1.3
chrX	73649653	73651687	2035	53	151.5	9.2	0.52
chrX	73701556	73702580	1025	21	56.54	6.9	1.87
chrX	73755837	73756606	770	17	52.4	6.9	2
chrX	73795082	73796121	1040	24	72.2	6.9	1.4
chrX	73800940	73802724	1785	42	112.93	6.13	0.86
chrX	73833998	73834784	787	17	51.14	6.9	2.07
chrX	73847665	73848605	941	27	99.82	13.03	1.02
chrX	73872106	73873268	1163	30	98.12	9.96	1.03
chrX	73874817	73875696	880	18	50.14	5.37	2.14
chrX	73887161	73888358	1198	27	77.42	7.66	1.28
chrX	73888718	73889940	1223	25	64.72	8.43	1.57
chrX	73898077	73900432	2356	57	160.91	8.43	0.47
chrX	73950113	73951626	1514	34	88.01	6.9	1.1
chrX	73970241	73971101	861	21	68.82	8.43	1.48
chrX	73988724	73989755	1032	21	56.08	8.43	1.86
chrX	74160959	74161679	721	16	50.34	6.13	2.12
chrX	74166059	74167200	1142	27	81.73	7.66	1.17
chrX	74197206	74198200	995	20	53.2	7.66	1.98
chrX	74229472	74230454	983	20	53.99	6.13	1.94
chrX	74302490	74303289	800	17	50.2	6.9	2.13
chrX	74347377	74348140	764	17	52.85	5.37	1.98
chrX	74349481	74350278	798	20	68.08	7.66	1.51
chrX	74357515	74358258	744	17	54.4	6.9	1.92
chrX	74379980	74380924	945	19	51.18	6.9	2.06
chrX	74389053	74390090	1038	22	61.07	12.26	1.72
chrX	74397432	74398216	785	17	51.29	6.13	2.06
chrX	74411168	74412163	996	21	58.51	6.9	1.75
chrX	74459728	74460497	770	17	52.4	6.13	2
chrX	74499163	74500385	1223	34	118.05	9.2	0.86
chrX	74509989	74510720	732	17	55.35	8.43	1.88
chrX	74529073	74529886	814	20	66.69	6.9	1.52
chrX	74530737	74531563	827	18	53.87	6.13	1.95
chrX	74538673	74539922	1250	26	68.24	8.43	1.5
chrX	74540222	74541022	801	18	55.81	6.9	1.86
chrX	74549338	74550137	800	18	55.89	8.43	1.86
chrX	74558135	74558982	848	18	52.35	8.43	2.01
chrX	74587073	74587857	785	19	63.04	6.13	1.62
chrX	74600993	74602216	1224	27	75.51	8.43	1.3
chrX	74607796	74609106	1311	28	74.87	9.2	1.35
chrX	74609834	74610603	770	17	52.4	6.13	2
chrX	74618154	74619069	916	23	76.38	6.9	1.27
chrX	74620766	74622370	1605	46	159.17	9.2	0.49
chrX	74625725	74626952	1228	29	86.65	6.13	1.12

chrX	74628651	74629720	1070	23	64.32	9.96	1.59
chrX	74630927	74631754	828	18	53.79	6.9	1.96
chrX	74632527	74634562	2036	48	128.1	7.66	0.68
chrX	74651866	74652856	991	23	70.19	7.66	1.47
chrX	74658251	74659488	1238	30	91.75	9.96	1.1
chrX	74659959	74661034	1076	23	63.9	6.13	1.61
chrX	74666095	74666934	840	19	58.62	6.13	1.74
chrX	74667084	74667912	829	19	59.47	6.9	1.73
chrX	74677199	74678062	864	18	51.24	6.9	2.06
chrX	74680680	74681440	761	17	53.08	6.13	1.98
chrX	74682032	74684094	2063	54	161.23	9.2	0.47
chrX	74684235	74686513	2279	56	173.16	9.2	0.45
chrX	74686821	74687606	786	17	51.21	8.43	2.05
chrX	74702322	74703138	817	20	66.44	6.9	1.52
chrX	74715026	74717416	2391	59	163.97	9.2	0.48
chrX	74718970	74719854	885	20	60.96	6.9	1.72
chrX	74720197	74723211	3015	72	179.18	9.2	0.46
chrX	74730400	74731081	682	18	65.93	8.43	1.51
chrX	74734640	74735426	787	17	51.14	7.66	2.07
chrX	74740252	74741196	945	20	56.58	6.9	1.87
chrX	74748318	74750175	1858	49	148.36	9.2	0.54
chrX	74751966	74753796	1831	45	126.64	7.66	0.69
chrX	74755608	74757325	1718	38	95.6	6.9	1.04
chrX	74763233	74763995	763	19	64.92	9.2	1.56
chrX	74765047	74768313	3267	84	240.48	9.2	0.33
chrX	74770006	74772372	2367	66	208.77	9.96	0.36
chrX	74788183	74788994	812	19	60.82	6.13	1.71
chrX	74790588	74791520	933	20	57.42	6.13	1.83
chrX	74796276	74797114	839	21	70.7	8.43	1.47
chrX	74799443	74800897	1455	32	81.23	6.13	1.17
chrX	74838529	74839315	787	17	51.14	7.66	2.07
chrX	74867479	74868193	715	16	50.8	6.13	2.06
chrX	74869343	74871084	1742	41	110.48	6.13	0.87
chrX	74874481	74876335	1855	41	102.39	7.66	0.95
chrX	74879269	74880004	736	17	55.03	6.13	1.88
chrX	74908865	74909657	793	17	50.71	5.37	2.07
chrX	74934778	74935775	998	21	58.37	6.13	1.77
chrX	74967287	74968075	789	18	56.74	6.9	1.87
chrX	74969447	74970302	856	18	51.79	7.66	2.04
chrX	74975915	74976697	783	17	51.43	6.9	2.06
chrX	74986864	74987616	753	17	53.7	6.13	1.96
chrX	74989855	74991469	1615	38	102.98	6.9	0.93
chrX	74993980	74995001	1022	21	56.74	6.9	1.87
chrX	75022338	75023138	801	19	61.71	7.66	1.7
chrX	75063047	75063933	887	19	55.14	7.66	1.88
chrX	75100307	75102853	2547	69	204.98	10.73	0.38
chrX	75103352	75104343	992	20	53.4	7.66	1.97
chrX	75104660	75105766	1107	31	109.75	9.2	0.88
chrX	75108836	75109625	790	17	50.92	9.96	2.07
chrX	75116437	75117231	795	17	50.56	5.37	2.11
chrX	75118850	75119773	924	20	58.07	6.13	1.8

chrX	75193578	75194770	1193	28	83.56	9.96	1.15
chrX	75196642	75197801	1160	27	80.31	7.66	1.19
chrX	75234580	75235650	1071	22	58.82	8.43	1.75
chrX	75247919	75248860	942	21	62.39	6.13	1.68
chrX	75304605	75305480	876	20	61.65	7.66	1.71
chrX	75341335	75342445	1111	22	56.23	8.43	1.87
chrX	75451802	75452584	783	17	51.43	7.66	2.06
chrX	75468572	75469952	1381	33	86.47	7.66	1.12
chrX	75470545	75471722	1178	31	103.04	7.66	0.93
chrX	75471742	75472834	1093	31	104.58	9.96	0.93
chrX	75497736	75498600	865	24	87.49	7.66	1.12
chrX	75517948	75519989	2042	51	139.12	7.66	0.57
chrX	75526152	75526940	789	18	56.74	6.13	1.87
chrX	75528951	75529906	956	21	61.36	6.9	1.71
chrX	75536226	75536982	757	18	59.31	6.9	1.73
chrX	75538810	75539626	817	19	60.42	7.66	1.73
chrX	75554834	75555621	788	17	51.07	5.37	2.08
chrX	75559376	75560519	1144	29	93.6	9.2	1.07
chrX	75580156	75583316	3161	82	225.4	9.96	0.33
chrX	75583327	75585182	1856	53	167.35	8.43	0.47
chrX	75585782	75587021	1240	29	85.7	11.5	1.11
chrX	75589270	75590448	1179	22	52.11	9.2	2.03
chrX	75599615	75601712	2098	81	345.9	19.93	0.23
chrX	75608615	75609477	863	19	56.89	6.13	1.88
chrX	75616379	75617051	673	16	54.16	7.66	1.95
chrX	75625840	75626660	821	18	54.31	6.9	1.94
chrX	75660705	75661520	816	19	60.5	6.9	1.72
chrX	75662309	75663122	814	18	54.83	10.73	1.89
chrX	75739454	75740895	1442	32	82.12	6.9	1.16
chrX	75741651	75743037	1387	35	109.44	9.2	0.88
chrX	75810475	75811316	842	21	70.44	6.9	1.47
chrX	75812263	75813023	761	19	65.1	6.9	1.56
chrX	75813423	75815432	2010	64	231.7	12.26	0.34
chrX	75816414	75817603	1190	28	83.79	7.66	1.14
chrX	75825273	75826053	781	17	51.58	8.43	2.04
chrX	75829901	75830586	686	16	53.09	6.13	1.98
chrX	75858446	75859514	1069	25	75.77	7.66	1.28
chrX	75861799	75862592	794	17	50.63	6.13	2.1
chrX	75867322	75868081	760	17	53.16	6.13	1.97
chrX	75869944	75870754	811	19	60.9	6.13	1.72
chrX	75873440	75874332	893	19	54.71	6.9	1.9
chrX	75875125	75876069	945	21	62.17	7.66	1.69
chrX	75890535	75892180	1646	36	89.75	8.43	1.1
chrX	75899615	75900387	773	17	52.17	6.13	2.04
chrX	75902704	75905006	2303	55	147.72	9.96	0.56
chrX	75906405	75907260	856	18	51.79	6.13	2.04
chrX	75912181	75912917	737	17	54.95	6.13	1.88
chrX	75922706	75924251	1546	38	108.3	8.43	0.88
chrX	75927314	75928191	878	19	55.79	7.66	1.86
chrX	75930074	75930865	792	18	56.51	9.2	1.87
chrX	75936234	75937183	950	20	56.23	5.37	1.87

chrX	75945889	75946770	882	18	50.01	6.9	2.15
chrX	75947634	75948466	833	18	53.43	6.13	1.97
chrX	75962940	75963984	1045	22	60.58	6.13	1.72
chrX	75976884	75977711	828	19	59.55	7.66	1.72
chrX	75989728	75990570	843	18	52.71	7.66	1.97
chrX	75996834	75997842	1009	21	57.62	7.66	1.83
chrX	75998292	76001005	2714	82	245.2	10.16	0.33
chrX	76023847	76024625	779	17	51.73	5.37	2.04
chrX	76051460	76052326	867	19	56.59	8.43	1.87
chrX	76140905	76142418	1514	37	104.99	6.9	0.93
chrX	76210613	76211453	841	18	52.85	7.66	1.98
chrX	76249977	76250907	931	21	63.22	7.66	1.61
chrX	76380214	76381343	1130	26	76.84	8.43	1.27
chrX	76432631	76433405	775	19	63.89	5.37	1.61
chrX	76435460	76436249	790	18	56.66	6.9	1.87
chrX	76455328	76456034	707	16	51.42	6.13	2.06
chrX	76520333	76521120	788	17	51.07	5.37	2.08
chrX	76642824	76644149	1326	29	73.84	8.43	1.38
chrX	76647306	76648106	801	17	50.13	9.2	2.13
chrX	76653181	76654822	1642	39	106.64	8.43	0.92
chrX	76704351	76705344	994	24	75.88	6.13	1.28
chrX	76710616	76711476	861	18	51.44	6.9	2.06
chrX	76725028	76725841	814	20	66.69	7.66	1.52
chrX	76750997	76751554	558	16	67.4	7.66	1.53
chrX	76774258	76774985	728	17	55.67	6.9	1.86
chrX	76787983	76789101	1119	24	66.38	6.9	1.52
chrX	76944610	76945712	1103	22	56.74	9.2	1.87
chrX	77054413	77055193	781	17	51.58	7.66	2.04
chrX	77095904	77097362	1459	32	75.63	7.66	1.29
chrX	77101378	77102171	794	17	50.63	6.13	2.1
chrX	77102309	77103322	1014	20	51.98	6.9	2.03
chrX	77104380	77105485	1106	27	84.65	8.43	1.14
chrX	77123504	77125872	2369	65	132.74	6.54	0.63
chrX	77129106	77137160	8055	284	501.05	8.04	0.07
chrX	77140416	77144319	3904	127	261.5	8.06	0.32
chrX	77153896	77155787	1892	54	114.95	6.07	0.86
chrX	77169995	77171221	1227	33	51.5	5.37	2.05
chrX	77172849	77174419	1571	49	69.46	6.2	1.49
chrX	77174547	77185096	10550	397	841.81	9.49	0.13
chrX	77193798	77195694	1897	52	141.26	10.39	0.58
chrX	77196015	77197576	1562	49	80.65	5.14	1.19
chrX	77221455	77222674	1220	35	81.3	5.79	1.17
chrX	77226699	77227989	1291	44	83.96	8.3	1.14
chrX	77232546	77234491	1946	57	105.41	6.64	0.92
chrX	77243630	77246797	3168	96	170.48	6.51	0.48
chrX	77249925	77253214	3290	91	212.24	9.24	0.36
chrX	77257977	77259521	1545	56	100.37	6.57	1.01
chrX	77264499	77265810	1312	35	116.08	9.96	0.87
chrX	77270361	77271783	1423	35	106.42	9.96	0.93
chrX	77272680	77274427	1748	47	132.56	6.1	0.63
chrX	77277672	77278884	1213	34	57.26	6.04	1.85

chrX	77281673	77282823	1151	27	67.67	6.59	1.51
chrX	77283863	77285235	1373	33	69.17	11.57	1.48
chrX	77285366	77290748	5383	168	342.57	9.59	0.22
chrX	77304029	77307739	3711	114	184.07	7.48	0.47
chrX	77310353	77313790	3438	111	264.95	10.24	0.33
chrX	77316591	77317893	1303	32	60.75	5.8	1.71
chrX	77331539	77332482	944	22	68.03	6.9	1.51
chrX	77335773	77336748	976	22	65.56	7.66	1.52
chrX	77339843	77341568	1726	44	135.29	8.43	0.59
chrX	77342874	77346273	3400	84	218.08	8.43	0.32
chrX	77346357	77347852	1496	36	106.42	7.66	0.93
chrX	77349210	77350297	1088	21	52.52	7.66	1.98
chrX	77354716	77356330	1615	36	102.98	6.9	0.93
chrX	77382498	77383315	818	18	54.53	6.13	1.91
chrX	77385313	77386158	846	22	70.1	7.66	1.47
chrX	77387733	77389311	1579	41	123.5	7.66	0.76
chrX	77395217	77396149	933	19	51.97	7.66	2.03
chrX	77405521	77406322	802	17	50.06	7.66	2.14
chrX	77409993	77411688	1696	38	97.12	6.9	1.01
chrX	77411981	77412847	867	18	51.03	6.13	2.08
chrX	77413105	77413892	788	17	51.07	6.13	2.08
chrX	77414037	77414837	801	17	50.13	5.37	2.13
chrX	77417633	77418627	995	22	64.14	8.43	1.6
chrX	77422470	77423755	1286	36	118.5	9.2	0.86
chrX	77424177	77425697	1521	32	76.85	6.9	1.27
chrX	77427665	77429095	1431	33	88.42	6.13	1.11
chrX	77431104	77432294	1191	24	61.54	6.9	1.7
chrX	77432880	77434483	1604	42	127.46	6.9	0.68
chrX	77446810	77448120	1311	33	103.74	8.43	0.92
chrX	77451642	77452429	788	18	56.82	5.37	1.87
chrX	77455056	77456586	1531	38	109.5	6.13	0.88
chrX	77463943	77467140	3198	95	316.31	11.5	0.24
chrX	77467229	77468585	1357	28	71.77	11.5	1.42
chrX	77479961	77480758	798	18	56.05	6.9	1.86
chrX	77523838	77524666	829	19	59.47	7.66	1.73
chrX	77524673	77526111	1439	35	93.47	9.2	1.07
chrX	77526623	77527722	1100	23	62.24	6.13	1.69
chrX	77531541	77532348	808	19	61.14	6.9	1.73
chrX	77537148	77537863	716	17	56.66	6.13	1.87
chrX	77547220	77547987	768	17	52.55	6.13	1.98
chrX	77552603	77553479	877	19	55.86	5.37	1.86
chrX	77566142	77566761	620	16	58.82	6.9	1.75
chrX	77570531	77571915	1385	31	73.97	8.81	1.39
chrX	77572654	77573440	787	17	51.14	5.37	2.07
chrX	77578698	77579708	1011	26	86.67	8.43	1.12
chrX	77580517	77581939	1423	33	89	7.66	1.09
chrX	77582178	77586348	4171	106	284.91	11.5	0.29
chrX	77586765	77587818	1054	23	65.46	7.66	1.54
chrX	77591027	77591880	854	19	57.56	6.9	1.82
chrX	77593077	77595582	2506	60	160.79	6.9	0.47
chrX	77598781	77600040	1260	31	95.92	7.66	1.02

chrX	77618212	77619755	1544	46	158.68	10.73	0.48
chrX	77627855	77628747	893	24	84.79	7.66	1.15
chrX	77629808	77630578	771	17	52.32	5.37	2.01
chrX	77633963	77635310	1348	35	112.83	9.2	0.86
chrX	77642709	77644475	1767	40	103.08	6.9	0.93
chrX	77646816	77648071	1256	53	183.2	13.7	0.47
chrX	77652896	77653761	866	19	56.66	5.37	1.87
chrX	77655900	77658053	2154	51	136.24	7.66	0.59
chrX	77661163	77663481	2319	65	206.89	10.73	0.35
chrX	77664057	77664813	757	18	59.31	6.13	1.73
chrX	77664997	77665936	940	23	74.33	6.9	1.36
chrX	77671306	77672075	770	17	52.4	6.9	2
chrX	77674785	77676084	1300	27	70.24	8.43	1.47
chrX	77677585	77679844	2260	62	199.67	9.2	0.44
chrX	77681872	77682612	741	17	54.63	6.13	1.9
chrX	77691492	77692262	771	17	52.32	6.9	2.01
chrX	77695187	77696536	1350	38	125.31	9.96	0.71
chrX	77703717	77704498	782	17	51.51	6.13	2.05
chrX	77720133	77722225	2093	39	77.86	9.96	1.27
chrX	77722629	77723946	1318	31	91.25	7.66	1.1
chrX	77729724	77730653	930	20	57.64	7.66	1.83
chrX	77736430	77737265	836	19	58.93	8.43	1.76
chrX	77740433	77741270	838	18	53.07	6.9	1.98
chrX	77757573	77758253	681	17	59.65	6.13	1.73
chrX	77759640	77760729	1090	25	74.14	9.2	1.37
chrX	77762256	77763038	783	17	51.43	6.9	2.06
chrX	77774154	77774939	786	21	75.52	6.9	1.3
chrX	77793594	77795179	1586	45	154.47	8.43	0.47
chrX	77799532	77801170	1639	36	90.22	7.66	1.11
chrX	77802646	77803879	1234	32	104.28	14.56	0.92
chrX	77806892	77807901	1010	24	74.57	6.9	1.36
chrX	77823655	77824383	729	17	55.59	6.9	1.86
chrX	77825697	77827164	1468	35	96.99	6.9	1.01
chrX	77829130	77829926	797	18	56.12	7.66	1.86
chrX	77835541	77836871	1331	32	84.52	6.9	1.14
chrX	77837871	77840113	2243	58	164.15	9.2	0.48
chrX	77840141	77841135	995	22	64.14	6.13	1.6
chrX	77842184	77843187	1004	23	69.18	6.9	1.48
chrX	77845017	77846757	1741	47	152.6	9.2	0.5
chrX	77847105	77849190	2086	54	159.27	7.66	0.49
chrX	77853668	77855050	1383	32	92	9.2	1.1
chrX	77859227	77860244	1018	24	73.93	6.9	1.39
chrX	77869279	77870114	836	18	53.21	6.13	1.98
chrX	77877415	77878726	1312	28	74.8	8.43	1.35
chrX	77880192	77886551	6360	234	921.95	12.26	0.15
chrX	77887726	77892267	4542	132	425.42	9.96	0.12
chrX	77892632	77894145	1514	42	141.94	9.96	0.59
chrX	77894193	77895526	1334	32	90	8.43	1.11
chrX	77899183	77899984	802	18	55.74	5.37	1.87
chrX	77912662	77914331	1670	42	121.92	8.43	0.8
chrX	77916920	77920861	3942	118	386.69	12.26	0.21

chrX	77922064	77923280	1217	27	76.02	9.2	1.29
chrX	77928414	77929365	952	22	67.4	7.66	1.53
chrX	77946159	77948252	2094	55	164.66	6.9	0.48
chrX	77949554	77950719	1166	30	97.86	11.5	1.02
chrX	77962976	77964146	1171	25	68.22	9.96	1.5
chrX	77979023	77980404	1382	31	86.4	9.96	1.11
chrX	77993471	77994593	1123	25	71.66	8.43	1.42
chrX	77996831	77997804	974	20	54.59	8.43	1.9
chrX	77998174	77999235	1062	26	82.28	8.43	1.16
chrX	78014247	78016517	2271	64	211.46	9.96	0.36
chrX	78047183	78048601	1419	32	83.73	6.13	1.14
chrX	78059929	78060758	830	18	53.65	6.9	1.96
chrX	78062261	78063143	883	19	55.43	6.13	1.88
chrX	78063424	78064410	987	23	70.51	6.9	1.47
chrX	78073180	78076570	3391	87	236.21	7.66	0.32
chrX	78080309	78081721	1413	32	84.16	8.43	1.15
chrX	78085747	78087953	2207	46	100.47	8.43	1.02
chrX	78098155	78099142	988	24	76.37	7.66	1.27
chrX	78100523	78101961	1439	36	105.11	6.9	0.93
chrX	78102278	78103594	1317	34	109.36	8.43	0.88
chrX	78120443	78123141	2699	72	210.13	8.43	0.36
chrX	78123495	78125432	1938	60	218.87	13.03	0.32
chrX	78127610	78128374	765	17	52.78	6.13	1.97
chrX	78137706	78139984	2279	57	155.35	6.9	0.47
chrX	78170404	78171190	787	17	51.14	6.13	2.07
chrX	78174744	78175625	882	19	55.5	5.37	1.88
chrX	78178895	78179817	923	20	58.14	6.13	1.78
chrX	78183045	78183967	923	19	52.64	6.9	1.97
chrX	78184146	78185142	997	26	81.7	6.9	1.17
chrX	78185872	78186729	858	18	51.65	6.13	2.04
chrX	78191630	78192938	1309	27	69.64	9.96	1.46
chrX	78193007	78194040	1034	21	55.95	6.9	1.86
chrX	78201290	78202233	944	22	68.03	6.13	1.51
chrX	78219467	78220843	1377	33	92.46	6.13	1.09
chrX	78225167	78228281	3115	82	235.24	9.2	0.32
chrX	78228291	78229528	1238	29	80.11	9.2	1.19
chrX	78230673	78232167	1495	39	118.5	8.43	0.86
chrX	78232187	78233058	872	21	61.96	6.9	1.69
chrX	78233695	78237322	3628	117	406.21	10.73	0.17
chrX	78250397	78251485	1089	25	68.52	6.9	1.49
chrX	78252611	78253360	750	18	59.89	6.9	1.72
chrX	78280217	78280872	656	16	55.61	8.43	1.86
chrX	78307387	78308247	861	18	51.44	6.9	2.06
chrX	78324036	78324962	927	19	52.37	8.43	2.01
chrX	78343475	78344679	1205	22	50.62	7.66	2.1
chrX	78356223	78358765	2543	58	141.38	8.43	0.58
chrX	78363117	78364774	1658	40	111.15	6.13	0.85
chrX	78375998	78376836	839	24	90.1	8.43	1.11
chrX	78377596	78378625	1030	24	72.98	6.9	1.4
chrX	78379369	78381221	1853	45	124.91	9.2	0.71
chrX	78402966	78403746	781	20	69.59	7.66	1.46

chrX	78412033	78412960	928	20	57.78	6.9	1.82
chrX	78414189	78416075	1887	50	151.98	9.96	0.5
chrX	78416126	78417227	1102	25	67.58	7.66	1.51
chrX	78418997	78420273	1277	32	94.52	9.96	1.07
chrX	78432614	78433685	1072	25	75.53	9.2	1.3
chrX	78434825	78435943	1119	26	77.69	7.66	1.27
chrX	78444464	78445662	1199	31	101.16	7.66	1.01
chrX	78446069	78446836	768	17	52.55	5.37	1.98
chrX	78447048	78448645	1598	34	104.27	6.9	0.92
chrX	78460073	78460888	816	18	54.68	7.66	1.91
chrX	78462301	78463927	1627	36	91.04	6.9	1.12
chrX	78472857	78473584	728	20	74.58	9.2	1.36
chrX	78473936	78476101	2166	54	141.03	7.66	0.58
chrX	78480361	78481340	980	22	65.26	6.9	1.55
chrX	78481694	78485236	3543	105	341.04	11.5	0.22
chrX	78486389	78487175	787	19	62.87	6.13	1.64
chrX	78506487	78507863	1377	31	86.76	7.66	1.12
chrX	78509244	78510395	1152	27	80.94	10.73	1.19
chrX	78511660	78512458	799	18	55.97	6.13	1.86
chrX	78512574	78514708	2135	52	143.43	8.43	0.58
chrX	78515449	78517272	1824	44	121.39	8.43	0.84
chrX	78527750	78529302	1553	36	96.3	6.13	1.02
chrX	78529798	78530967	1170	22	52.64	9.2	1.97
chrX	78533947	78535321	1375	36	116.66	6.9	0.86
chrX	78535598	78539006	3409	97	302.21	11.5	0.23
chrX	78539882	78541736	1855	53	173.88	7.66	0.45
chrX	78542306	78544170	1865	51	160.17	7.66	0.47
chrX	78547673	78548509	837	20	64.77	6.13	1.57
chrX	78555170	78556010	841	19	58.54	6.9	1.74
chrX	78560506	78563163	2658	71	207.57	8.43	0.36
chrX	78564494	78567170	2677	64	164.91	6.9	0.48
chrX	78572275	78572999	725	18	62.03	7.66	1.69
chrX	78575599	78577408	1810	47	146.4	9.96	0.57
chrX	78577413	78578232	820	18	54.38	6.13	1.93
chrX	78578735	78580501	1767	49	156.54	8.43	0.48
chrX	78580697	78582073	1377	34	104.23	6.13	0.92
chrX	78582216	78583073	858	20	63.07	6.13	1.62
chrX	78585698	78586633	936	24	80.84	6.9	1.19
chrX	78590315	78591284	970	26	90.42	9.2	1.11
chrX	78591308	78592675	1368	35	104.98	7.66	0.93
chrX	78596124	78597750	1627	37	96.51	7.66	1.02
chrX	78601848	78602699	852	18	52.07	7.66	2.04
chrX	78604088	78604922	835	23	83.85	9.2	1.14
chrX	78606384	78607520	1137	24	65.13	6.9	1.56
chrX	78622218	78622869	652	18	68.84	6.9	1.48
chrX	78625236	78627555	2320	63	200.45	9.96	0.42
chrX	78633808	78635114	1307	32	86.32	6.13	1.11
chrX	78637866	78638735	870	19	56.37	5.37	1.87
chrX	78638879	78641019	2141	72	280.35	12.26	0.28
chrX	78641904	78643271	1368	35	104.98	7.66	0.93
chrX	78643286	78644915	1630	41	113.34	6.9	0.87

chrX	78647347	78649235	1889	46	127.89	9.96	0.68
chrX	78654955	78655693	739	18	60.82	8.43	1.71
chrX	78656228	78657514	1287	28	76.55	9.2	1.27
chrX	78663030	78664390	1361	33	87.95	7.66	1.1
chrX	78665130	78665971	842	19	50.68	6.1	2.07
chrX	78671749	78674067	2319	54	135.32	6.9	0.59
chrX	78681504	78682705	1202	25	66.11	9.2	1.52
chrX	78682783	78683897	1115	22	55.98	7.66	1.86
chrX	78686040	78686935	896	19	54.5	6.13	1.92
chrX	78687246	78688727	1482	33	84.79	6.9	1.15
chrX	78689781	78691067	1287	32	93.71	6.13	1.07
chrX	78691951	78693142	1192	27	77.87	6.9	1.27
chrX	78695252	78696924	1673	45	146.2	8.43	0.57
chrX	78697587	78699301	1715	54	194.93	13.03	0.45
chrX	78700991	78701881	891	22	72.38	6.13	1.41
chrX	78704895	78705652	758	17	53.31	6.13	1.97
chrX	78708409	78709655	1247	28	79.44	9.96	1.22
chrX	78712825	78717104	4280	126	295.8	9.49	0.22
chrX	78718817	78719645	829	21	71.58	7.66	1.42
chrX	78730870	78732213	1344	35	107.02	7.66	0.89
chrX	78732339	78733661	1323	43	161.86	11.5	0.47
chrX	78741634	78742434	801	18	55.81	6.13	1.86
chrX	78757916	78758978	1063	26	82.2	6.9	1.15
chrX	78760787	78761750	964	20	55.27	6.9	1.88
chrX	78766889	78769388	2500	61	161.25	9.96	0.47
chrX	78772944	78773949	1006	21	57.82	7.66	1.81
chrX	78774511	78775315	805	21	73.75	7.66	1.38
chrX	78779772	78780655	884	22	72.98	6.9	1.4
chrX	78783206	78784089	884	21	66.92	6.13	1.53
chrX	78784209	78785715	1507	42	142.61	7.66	0.59
chrX	78786027	78787237	1211	31	100.1	8.43	1.01
chrX	78806459	78807699	1241	30	91.5	7.66	1.09
chrX	78808778	78809544	767	17	52.63	5.37	1.97
chrX	78811303	78813497	2195	59	180.45	9.96	0.46
chrX	78820957	78822477	1521	35	93.04	8.43	1.06
chrX	78824767	78826183	1417	38	125.43	7.66	0.71
chrX	78829750	78831861	2112	64	227.53	9.96	0.34
chrX	78832012	78832801	790	17	50.92	6.9	2.07
chrX	78844521	78845914	1394	34	102.83	10.73	0.94
chrX	78846162	78848067	1906	55	181.93	9.2	0.47
chrX	78848914	78850311	1398	34	102.5	8.43	0.95
chrX	78850954	78854485	3532	103	335.58	11.5	0.22
chrX	78855352	78857451	2100	51	140.38	9.2	0.58
chrX	78857507	78858752	1246	34	109.47	7.66	0.88
chrX	78858776	78861529	2754	75	223.76	8.43	0.33
chrX	78862371	78865337	2967	94	326.99	10.73	0.21
chrX	78865407	78866951	1545	48	172.09	10.73	0.46
chrX	78868970	78870181	1212	29	87.92	6.9	1.1
chrX	78870265	78871159	895	22	66.03	6.9	1.51
chrX	78872640	78874195	1556	39	113.4	6.13	0.87
chrX	78874497	78875325	829	19	59.47	6.13	1.73

chrX	78882672	78883777	1106	23	61.84	8.43	1.7
chrX	78889511	78890310	800	17	50.2	6.9	2.13
chrX	78890469	78891840	1372	35	110.73	9.2	0.85
chrX	78892202	78893399	1198	24	61.09	9.2	1.73
chrX	78899478	78900269	792	17	50.78	7.66	2.07
chrX	78900286	78904425	4140	109	293.32	8.43	0.26
chrX	78904554	78905992	1439	34	93.47	6.9	1.07
chrX	78909305	78910171	867	18	51.03	5.37	2.08
chrX	78911412	78912644	1233	36	123.63	7.66	0.76
chrX	78913386	78915274	1889	53	170.64	10.73	0.48
chrX	78919926	78921141	1216	27	76.09	8.43	1.28
chrX	78922689	78923559	871	19	56.3	7.66	1.87
chrX	78934469	78936161	1693	45	138.16	9.2	0.57
chrX	78937056	78938668	1613	39	114.7	9.2	0.86
chrX	78940349	78941304	956	26	91.74	9.2	1.09
chrX	78943647	78945297	1651	36	89.41	7.66	1.1
chrX	78983857	78984640	784	18	57.13	9.2	1.86
chrX	79007463	79008783	1321	34	109.01	8.43	0.87
chrX	79014196	79015799	1604	52	200.4	10.73	0.42
chrX	79015805	79017465	1661	51	180.19	9.2	0.46
chrX	79017632	79022464	4833	166	606.17	11.5	0.09
chrX	79022593	79027441	4849	173	662.24	11.5	0.1
chrX	79028083	79029548	1466	60	279.7	17.63	0.28
chrX	79032200	79033531	1332	32	96	7.66	1.02
chrX	79035281	79036087	807	19	61.22	6.13	1.71
chrX	79036895	79038314	1420	44	165	8.43	0.48
chrX	79039014	79039948	935	23	74.75	7.66	1.35
chrX	79062494	79063447	954	20	55.95	5.37	1.86
chrX	79063736	79064448	713	17	56.91	7.66	1.88
chrX	79067528	79069802	2275	52	132.95	7.66	0.63
chrX	79070058	79070865	808	22	79.92	7.66	1.2
chrX	79071451	79073056	1606	46	159.07	8.43	0.49
chrX	79073116	79074081	966	24	72.19	8.43	1.4
chrX	79074481	79076568	2088	54	159.1	9.96	0.49
chrX	79080830	79082786	1957	42	100.86	6.9	1.01
chrX	79083383	79084184	802	18	55.74	5.37	1.87
chrX	79087326	79094910	7585	212	604.49	11.5	0.09
chrX	79095459	79096307	849	18	52.28	5.37	2.02
chrX	79096608	79097478	871	19	56.3	6.13	1.87
chrX	79098739	79100575	1837	51	169.15	10.73	0.48
chrX	79100601	79102068	1468	38	108.69	8.43	0.87
chrX	79102358	79103841	1484	38	113.36	7.66	0.87
chrX	79108913	79111579	2667	97	311.3	11.26	0.24
chrX	79112191	79114629	2439	66	202.18	8.43	0.42
chrX	79116171	79117533	1363	31	87.8	7.66	1.11
chrX	79119597	79121090	1494	37	106.58	6.9	0.93
chrX	79121132	79122651	1520	32	76.92	6.13	1.27
chrX	79125420	79126402	983	21	59.42	6.9	1.73
chrX	79130852	79132911	2060	49	131.97	7.66	0.62
chrX	79134036	79135342	1307	34	110.25	9.2	0.88
chrX	79139456	79140107	652	17	62.28	6.9	1.68

chrX	79180471	79182221	1751	57	218.9	12.26	0.32
chrX	79183262	79185738	2477	64	186.61	9.2	0.48
chrX	79185853	79190983	5131	163	544.83	14.56	0.08
chrX	79193084	79195510	2427	59	155.39	6.9	0.47
chrX	79199015	79199813	799	17	50.27	6.13	2.13
chrX	79200029	79209469	9441	283	403.17	9.05	0.16
chrX	79209848	79213179	3332	100	329.24	10.73	0.21
chrX	79213216	79216388	3173	98	339.01	9.2	0.22
chrX	79216572	79220594	4023	133	487.47	11.5	0.07
chrX	79220669	79222206	1538	36	91.82	6.9	1.1
chrX	79223225	79224482	1258	35	114.72	6.9	0.86
chrX	79224514	79227427	2914	88	285.43	8.43	0.29
chrX	79227429	79228297	869	21	62.2	6.9	1.69
chrX	79228347	79229139	793	17	50.71	5.37	2.07
chrX	79239413	79240496	1084	22	57.96	6.9	1.8
chrX	79245188	79246349	1162	27	80.16	8.43	1.19
chrX	79247098	79250047	2950	73	189.69	7.66	0.46
chrX	79250440	79251817	1378	39	135.61	10.73	0.59
chrX	79252172	79255794	3623	125	477.58	12.26	0.07
chrX	79256367	79257741	1375	32	86.91	6.13	1.12
chrX	79258917	79259680	764	18	58.74	9.2	1.75
chrX	79259988	79260780	793	17	50.71	6.9	2.07
chrX	79260795	79263571	2777	82	259.7	9.2	0.32
chrX	79265595	79268293	2699	84	294.31	13.03	0.22
chrX	79269927	79270887	961	20	55.47	6.9	1.89
chrX	79273452	79276794	3343	106	375.4	16.1	0.25
chrX	79277079	79278413	1335	31	84.23	9.96	1.15
chrX	79278456	79282842	4387	122	350.98	10.73	0.23
chrX	79285112	79286245	1134	25	70.85	6.13	1.46
chrX	79289397	79290211	815	19	60.58	6.9	1.72
chrX	79290873	79292162	1290	34	111.78	9.96	0.85
chrX	79293999	79295022	1024	22	62.05	9.96	1.69
chrX	79297189	79298181	993	26	88.29	6.9	1.11
chrX	79300465	79303396	2932	69	185.36	9.96	0.47
chrX	79306164	79308666	2503	61	161.02	6.13	0.47
chrX	79309954	79311353	1400	34	96.47	6.9	1.02
chrX	79315135	79316107	973	23	71.62	6.9	1.42
chrX	79328605	79329880	1276	25	61.35	10.73	1.71
chrX	79330258	79333641	3384	87	236.78	8.43	0.32

Data S3C. Significant H3K4me3 peaks on X chromosome in male fibroblasts ChIP-seq data.

chr	start	end	fold enrichment
chrX	3014115	3016925	781.96
chrX	3027964	3029979	472.54
chrX	3058851	3059437	55.82
chrX	3103417	3104152	121.81
chrX	3105664	3110402	1263.65
chrX	3164058	3165050	81.39
chrX	3165294	3168693	865.13
chrX	3183632	3184499	50.13
chrX	3194786	3196707	219.29
chrX	3212039	3216476	955.01
chrX	3264062	3266810	765.04
chrX	3274238	3278560	1127.07
chrX	3281500	3283049	138.97
chrX	3359778	3364102	1249.15
chrX	3368835	3370823	384.94
chrX	3371098	3372521	553.75
chrX	3398445	3400201	280.49
chrX	3400973	3403290	687.16
chrX	3457654	3459063	68.29
chrX	3459850	3460751	50.54
chrX	3460908	3463585	617.75
chrX	3463802	3466045	737.62
chrX	3601195	3602538	116.42
chrX	3922116	3926304	644.23
chrX	3976259	3978256	268.92
chrX	3978591	3979958	225.93
chrX	4313757	4316506	514.03
chrX	4486693	4487824	77.53
chrX	4708501	4709848	218.45
chrX	4898541	4902244	1039.1
chrX	4953126	4954118	60.53
chrX	4990162	4991955	367.5
chrX	4992538	4994698	621.16
chrX	5034889	5040287	1544.42
chrX	5144759	5145518	62.24
chrX	5286154	5291186	1009.64
chrX	5337877	5340493	845.55
chrX	5477994	5478877	52.35
chrX	5481736	5486397	2632.73
chrX	5486761	5488066	268.86
chrX	5535316	5536526	93.54
chrX	5542686	5543786	53.67
chrX	5725805	5727469	458.24
chrX	5728284	5731883	885.7
chrX	5734508	5736029	142.83
chrX	5743171	5745004	238.99
chrX	5987228	5990728	768.33
chrX	6185217	6186947	146.61
chrX	6333856	6335073	209.89
chrX	6879580	6880875	68.13

chr	start	end	fold enrichment
chrX	7117315	7122082	2090.64
chrX	7177018	7178011	68.46
chrX	7202307	7203554	89.1
chrX	7306173	7307628	94.25
chrX	7330063	7332544	641.73
chrX	7333751	7337772	796.63
chrX	7457783	7459838	238.34
chrX	7592916	7598701	1880.85
chrX	7624229	7629223	1954.7
chrX	7662325	7663903	144.23
chrX	7669398	7671412	276.64
chrX	7728847	7730376	71.57
chrX	7745190	7747584	203.21
chrX	7958504	7960836	126.89
chrX	8027689	8029057	91.77
chrX	8202175	8202638	50.5
chrX	8225661	8227240	117.01
chrX	8290933	8292586	81.66
chrX	8304000	8306225	330.96
chrX	8306460	8308235	254.64
chrX	8309283	8310565	120.1
chrX	8413660	8414990	75.98
chrX	8520088	8521028	50.47
chrX	9115446	9117527	365.05
chrX	9175260	9179626	1514.49
chrX	9180112	9181670	107.19
chrX	9300618	9301548	51.45
chrX	9575904	9576990	213.84
chrX	9859244	9860040	62.04
chrX	9947968	9949938	155.66
chrX	10052506	10053559	78.23
chrX	10230175	10231378	62.2
chrX	10249308	10250746	117.49
chrX	10250807	10251809	55.65
chrX	10261585	10264353	191.26
chrX	10267897	10268823	63.69
chrX	10269141	10279622	3100
chrX	10279702	10280698	108.86
chrX	10921226	10922483	83.81
chrX	10944392	10945594	73.75
chrX	10951537	10952810	74.13
chrX	11021476	11022442	59.33
chrX	11092932	11094593	184.99
chrX	11470469	11472855	222.73
chrX	11512694	11516090	1240
chrX	11516341	11519695	904.03
chrX	11538979	11540173	86.92
chrX	11545201	11546637	358.34
chrX	11603372	11604471	127.79
chrX	11623980	11624979	67.79
chrX	11624993	11629094	1733.69
chrX	11629355	11632795	2156.36

chr	start	end	fold enrichment
chrX	11650368	11651783	98.79
chrX	11676447	11678284	128.94
chrX	11693193	11698094	1933.76
chrX	11751191	11751928	52.07
chrX	12010756	12012174	138.55
chrX	12108690	12113025	1621.1
chrX	12114288	12117123	200.15
chrX	12253165	12256144	433.36
chrX	12256205	12258035	113.35
chrX	12292859	12294881	223.46
chrX	12300415	12301127	50.76
chrX	12512446	12514604	321.35
chrX	12514884	12515930	294.8
chrX	12670394	12672035	352.91
chrX	12835400	12837446	372.39
chrX	12969006	12971363	246.11
chrX	13194165	13194928	57.44
chrX	13309243	13310573	109.15
chrX	13387100	13390297	621.06
chrX	13456211	13457115	58.01
chrX	13564215	13565709	176.18
chrX	13633504	13635375	202.16
chrX	13703570	13705200	189.88
chrX	13728570	13729844	125.94
chrX	13729899	13730755	81.19
chrX	13791210	13792593	234.23
chrX	14125241	14126279	127.41
chrX	14419953	14422251	664.84
chrX	14463192	14470254	2135.43
chrX	14470602	14471708	191.78
chrX	14487367	14489108	197.47
chrX	14491457	14492817	84.57
chrX	14526398	14528316	425.85
chrX	14552443	14555269	231.74
chrX	14566985	14568382	84.57
chrX	14586133	14588205	139.09
chrX	14614241	14616496	601.68
chrX	14616605	14618041	276.27
chrX	14648714	14650597	289.8
chrX	14722954	14727448	998.3
chrX	14760010	14762340	962.52
chrX	14766038	14768105	211.7
chrX	14789743	14791256	108.27
chrX	14808999	14810217	134.24
chrX	14823959	14825245	105.92
chrX	15068502	15069717	149.88
chrX	16583180	16584523	98.86
chrX	17402879	17405571	1955.6
chrX	17411942	17413163	180.83
chrX	17457685	17459270	125.28
chrX	17488133	17490427	414.72
chrX	17493308	17499906	2614.9

chr	start	end	fold enrichment
chrX	17501804	17503342	97.19
chrX	17507312	17510878	573.16
chrX	17540772	17541636	94.39
chrX	17541834	17542621	54.67
chrX	17570697	17572214	203.56
chrX	17573722	17581825	3100
chrX	17620761	17622776	133.25
chrX	17623189	17625740	358.68
chrX	17694637	17696288	642.17
chrX	17699137	17700579	87.66
chrX	21673860	21675410	91.94
chrX	21698486	21700203	196.24
chrX	21718293	21719367	84.28
chrX	21825901	21827276	103.54
chrX	21845744	21849253	909.3
chrX	21850319	21851839	167.06
chrX	21932593	21935026	1160.71
chrX	21935586	21937515	468.19
chrX	21945956	21948933	698
chrX	22172378	22176520	2378.21
chrX	22179151	22180354	77.63
chrX	22252553	22255334	1133.1
chrX	22325132	22326047	69.16
chrX	22349661	22352211	766.13
chrX	22854731	22857058	636.17
chrX	22857098	22860444	1448.58
chrX	22995021	22998866	1081.57
chrX	23028723	23030820	305.11
chrX	23080947	23082797	215.46
chrX	23140667	23141518	51.77
chrX	23141664	23147136	1884.92
chrX	23217344	23219727	308
chrX	23232718	23234941	241.96
chrX	24039872	24040985	71.39
chrX	24151343	24152219	53.07
chrX	24235261	24238242	677.71
chrX	24285521	24287711	267.5
chrX	24326397	24328192	129.7
chrX	24363432	24367140	769.46
chrX	24478009	24479660	65.3
chrX	24976392	24977694	86.93
chrX	24977802	24979741	365.49
chrX	26710036	26710998	67.86
chrX	26997702	26998950	84.83
chrX	27026467	27028160	253.29
chrX	27056819	27058202	70.74
chrX	27325394	27326625	90.99
chrX	27333548	27335222	187.95
chrX	27335234	27336158	68.09
chrX	27458401	27459746	180.28
chrX	27725841	27727357	247.92
chrX	27793521	27794534	62.24

chr	start	end	fold enrichment
chrX	27856978	27858552	259.31
chrX	27858621	27859721	159.12
chrX	27883017	27884356	78.92
chrX	27903517	27906522	473.08
chrX	28020891	28023699	598.87
chrX	28029532	28030598	56.88
chrX	28030710	28032835	446.1
chrX	28032851	28035134	1221.94
chrX	28057561	28061391	1120.37
chrX	28062640	28063572	151.69
chrX	28073214	28074423	65.33
chrX	28140521	28142164	197.98
chrX	28174178	28176152	489.44
chrX	28208893	28211767	1496.86
chrX	28235639	28237692	822.41
chrX	28237982	28239463	359.95
chrX	28242976	28247762	2867.31
chrX	28319635	28321742	250.3
chrX	28365507	28366529	114.78
chrX	28366940	28370048	1356.36
chrX	28567300	28568635	112.97
chrX	28653738	28657215	1509.85
chrX	28657237	28658098	58.68
chrX	28703591	28704462	53.59
chrX	28713722	28716995	1176.6
chrX	28740129	28743345	1278.68
chrX	28908544	28909454	57.37
chrX	29052801	29053878	75.42
chrX	30994212	30995678	101.21
chrX	31008127	31009235	60.26
chrX	31009695	31013802	882.29
chrX	31013982	31014793	56.09
chrX	31032396	31034807	252.62
chrX	31098348	31099411	290.14
chrX	31146727	31147918	67.13
chrX	31172052	31175614	1478.79
chrX	31307931	31309337	87.57
chrX	31320420	31321671	175.39
chrX	31346923	31350006	1700.18
chrX	31370903	31372998	262.61
chrX	31410013	31411425	120.87
chrX	31429188	31430540	314.44
chrX	31465753	31467456	84.21
chrX	31508380	31510807	231.04
chrX	31569906	31572066	236.83
chrX	31591205	31593032	184.38
chrX	31625932	31627518	619.03
chrX	31627740	31629599	554.76
chrX	31918899	31922360	1196.68
chrX	32092878	32095022	155.79
chrX	32127314	32129577	415.37
chrX	32192805	32194580	107.37

chr	start	end	fold enrichment
chrX	32931211	32935553	2885.14
chrX	32941950	32943071	119.45
chrX	32947552	32949151	237.63
chrX	32977263	32978769	117.69
chrX	32985628	32989763	2518.83
chrX	32990194	32991324	90.4
chrX	33075073	33076558	75.68
chrX	33151200	33154786	464.9
chrX	33161281	33163702	236.64
chrX	33223600	33225103	164.73
chrX	33228949	33235953	1211.42
chrX	33260506	33268377	1318.4
chrX	33296149	33299677	412.25
chrX	33303521	33312739	3100
chrX	33324653	33325806	91.9
chrX	33349542	33351161	134.21
chrX	33386602	33387872	66.84
chrX	33408781	33409922	57.09
chrX	33410351	33411204	51.56
chrX	33412972	33415301	485.92
chrX	33471757	33472977	143.95
chrX	33481983	33483669	222.03
chrX	33501076	33502415	78.92
chrX	33776774	33780698	691.56
chrX	33798238	33799771	93.75
chrX	33832070	33834428	168.31
chrX	33837676	33839002	88.32
chrX	33839216	33840670	82.52
chrX	33979306	33980333	60.78
chrX	34038969	34039885	52.84
chrX	34112852	34114524	140.73
chrX	34221887	34224592	554.3
chrX	34328431	34329899	113.72
chrX	34385548	34386931	90.09
chrX	34629197	34630715	192.84
chrX	35198398	35199829	127.43
chrX	35204837	35207584	520.48
chrX	35244826	35247071	294.82
chrX	35366373	35367819	139.3
chrX	35421472	35426212	593.09
chrX	35481010	35482576	284.25
chrX	35482706	35488837	3100
chrX	35566745	35567635	59.54
chrX	35567917	35571050	1917.02
chrX	35598920	35600287	122.33
chrX	35734592	35736411	215.37
chrX	35736794	35738093	99.9
chrX	35817987	35819272	69.11
chrX	35881094	35882635	109.18
chrX	35886247	35887294	350.73
chrX	35900400	35902848	191.74
chrX	36027047	36034883	2074.88

chr	start	end	fold enrichment
chrX	36138355	36139801	112.1
chrX	36218232	36220477	758.68
chrX	36261963	36262950	146.88
chrX	36301594	36303504	206.05
chrX	36361821	36363095	111.98
chrX	36448614	36449699	58.76
chrX	36516216	36517375	113.9
chrX	36517492	36518639	67.78
chrX	36531325	36532894	179.39
chrX	36540781	36543177	226.01
chrX	36549297	36551511	233.48
chrX	36955765	36956896	77.53
chrX	36996549	36998298	106.2
chrX	37157686	37158690	59.28
chrX	37376016	37383223	2882.78
chrX	37921563	37922741	130.48
chrX	37957786	37958922	53.96
chrX	38364181	38366096	370.73
chrX	38759427	38760640	199.18
chrX	38795562	38799000	1399.69
chrX	38979357	38985617	2666.6
chrX	38989747	38991291	88.68
chrX	39006901	39008949	260.11
chrX	39117742	39118566	1483.96
chrX	39127593	39131342	432.43
chrX	39264656	39267027	278.87
chrX	39298232	39299808	153.89
chrX	39309512	39310807	113.73
chrX	39641112	39642090	70.18
chrX	39642200	39647537	2437.16
chrX	39665876	39667276	88.22
chrX	39765648	39766651	63.31
chrX	39845779	39849524	1709.23
chrX	39869171	39871483	140.68
chrX	39874829	39876549	166.47
chrX	39954394	39957953	458.99
chrX	39979623	39981092	113.59
chrX	40131157	40131992	53.45
chrX	40179806	40184306	1288.86
chrX	40252605	40253954	308.77
chrX	40254143	40257454	1005.93
chrX	40357745	40359325	117.24
chrX	40636833	40640682	1607.65
chrX	40683191	40685034	163.33
chrX	40685121	40686482	114.06
chrX	40696959	40698087	51.16
chrX	40754395	40755393	59.9
chrX	42020369	42021864	450.84
chrX	42022663	42024806	1215.13
chrX	42066605	42068753	827.54
chrX	42150651	42153006	449.43
chrX	42202818	42206070	1176.09

chr	start	end	fold enrichment
chrX	42256661	42258956	590.99
chrX	42294254	42297018	1232.92
chrX	42300135	42300823	57.93
chrX	42358981	42363565	2514.36
chrX	42367168	42368595	166.62
chrX	42522440	42526580	1940.38
chrX	42576822	42579031	470.21
chrX	42892466	42895025	501.38
chrX	43163699	43165413	206.89
chrX	43177999	43179127	69.78
chrX	43225064	43231813	3100
chrX	43270459	43271417	60.18
chrX	43392516	43393572	77.87
chrX	43656254	43657591	91.18
chrX	44879902	44882640	311.16
chrX	44942144	44943653	104.55
chrX	45596468	45597643	84.94
chrX	45803519	45804963	95.48
chrX	45889812	45890827	58.16
chrX	45890883	45893848	441.51
chrX	46013085	46015699	232.88
chrX	46708992	46711478	134.11
chrX	46769167	46770642	76.65
chrX	46778718	46781286	493.31
chrX	46803744	46807385	644.89
chrX	46875912	46877188	73.82
chrX	46931092	46932059	55.35
chrX	46932245	46933759	134.54
chrX	46999744	47001460	90.34
chrX	47169660	47173762	412.42
chrX	47342821	47344810	199.09
chrX	47408734	47410369	141.1
chrX	47559369	47561011	101.86
chrX	50016775	50018254	91.62
chrX	50101192	50103028	150.69
chrX	50103268	50106601	229.44
chrX	50117601	50119153	95.67
chrX	50191738	50193186	79.31
chrX	50199919	50201983	131.82
chrX	50285870	50287312	76.14
chrX	50300510	50303036	250.05
chrX	50339466	50340090	52.71
chrX	50340246	50341615	155.65
chrX	50767069	50768508	91.98
chrX	50898219	50899968	227.04
chrX	50900149	50903179	567.11
chrX	50936047	50938017	118.09
chrX	51018622	51020848	146.19
chrX	51022868	51024325	78.41
chrX	51027060	51028370	74.19
chrX	51033033	51034131	69.02
chrX	51094450	51095268	68.05

chr	start	end	fold enrichment
chrX	52425877	52427182	145.65
chrX	52428339	52429533	335.79
chrX	52675224	52677859	734.97
chrX	52789704	52791019	85.48
chrX	52823739	52825018	159.98
chrX	53118408	53119844	96.38
chrX	53162824	53164182	157.38
chrX	53314978	53321097	3230.05
chrX	53322373	53323893	129.2
chrX	53340696	53344698	422.64
chrX	53344791	53346209	133.84
chrX	53346260	53347767	144.8
chrX	53364849	53367422	220.13
chrX	53435265	53436508	58.48
chrX	53480014	53480876	54.55
chrX	53521518	53525821	1339.37
chrX	54191894	54194631	1355.87
chrX	54264696	54266560	147.11
chrX	55380581	55383199	639.08
chrX	55422202	55424423	315.21
chrX	55438923	55440122	55.37
chrX	55449712	55450931	79.91
chrX	55451694	55454740	668.32
chrX	55578142	55580276	235.9
chrX	55761432	55762845	120.74
chrX	55886197	55887294	118.16
chrX	55912925	55914944	158.24
chrX	56098642	56102309	1306.6
chrX	56103704	56105242	302.3
chrX	56143883	56154181	3100
chrX	56158651	56162146	1266.74
chrX	56223178	56224202	57.25
chrX	56226102	56227331	56.21
chrX	56227826	56229359	150.56
chrX	56270498	56272113	113.07
chrX	56304175	56321335	3100
chrX	56340053	56341693	118.54
chrX	56479938	56481433	318.23
chrX	56643353	56647786	1294.17
chrX	56680795	56682468	357.94
chrX	56702404	56703647	69.51
chrX	56829647	56832082	363.62
chrX	56985047	56986105	73.45
chrX	57004307	57006759	213.62
chrX	57049665	57050583	60.5
chrX	57337416	57339194	364.75
chrX	57445626	57447281	206.32
chrX	57467012	57468966	180.43
chrX	57542739	57544016	94
chrX	57575052	57576304	68.61
chrX	57587978	57589120	64.44
chrX	57769704	57774285	1548.22

chr	start	end	fold enrichment
chrX	58418383	58420614	554.73
chrX	58465739	58468849	1038.4
chrX	58468933	58470703	372.8
chrX	58470826	58473959	795.65
chrX	58488590	58491060	234.35
chrX	58521533	58524687	371.03
chrX	58689842	58692304	633.42
chrX	58764645	58774330	3100
chrX	58774420	58776093	102.48
chrX	58782300	58783870	101.73
chrX	58784129	58787439	219.64
chrX	58790207	58792019	115.33
chrX	58806614	58807482	50.03
chrX	58809119	58809999	56.6
chrX	58814925	58817538	321.32
chrX	59188224	59189311	87.02
chrX	59426716	59431282	2632.35
chrX	60718418	60719314	54.9
chrX	61514977	61516125	60.09
chrX	62017159	62018046	55.85
chrX	62019665	62022025	168.07
chrX	62027537	62028832	75.73
chrX	63996708	63997980	121.5
chrX	64128476	64131172	988.13
chrX	64137227	64139336	151.49
chrX	64140075	64143488	2221.92
chrX	64143537	64144816	333.05
chrX	64276720	64279345	566.71
chrX	64499267	64500438	85.41
chrX	64689091	64691093	431.11
chrX	64694241	64695081	98.07
chrX	64707612	64710012	427.85
chrX	64714103	64715007	58.01
chrX	64715123	64716192	425.15
chrX	64754907	64756518	347.42
chrX	64765647	64767109	663.79
chrX	64767354	64769727	577.33
chrX	64776117	64777249	132.66
chrX	64779568	64782017	532.91
chrX	64783056	64784241	119.69
chrX	64792451	64794723	617.33
chrX	64802054	64803370	592.19
chrX	64808931	64811480	597.95
chrX	64817306	64819325	728.53
chrX	64832624	64833995	181.09
chrX	64842892	64844909	433.85
chrX	64848562	64851677	1338.1
chrX	64856982	64860133	1324.95
chrX	64863538	64866127	713.61
chrX	64868277	64869804	191.33
chrX	64870215	64871647	131.9
chrX	64875767	64878813	1140.23

chr	start	end	fold enrichment
chrX	64883805	64886581	940.18
chrX	64892294	64894753	1158.57
chrX	64898890	64901011	434.62
chrX	64903236	64904900	129.61
chrX	64906433	64909457	1734.52
chrX	64911505	64913430	563.57
chrX	64923081	64924951	988.39
chrX	64925025	64925928	58.12
chrX	64931694	64934612	834
chrX	64940355	64942223	497.41
chrX	64954563	64957053	381.07
chrX	64976862	64980201	1498.48
chrX	64989159	64990739	246.8
chrX	64995551	64998302	992.27
chrX	65032298	65033477	50.2
chrX	65127997	65129752	303.69
chrX	65153366	65156147	415.08
chrX	65545544	65546712	107.95
chrX	65560198	65561213	96.51
chrX	65795469	65796793	118.97
chrX	65797427	65798428	118.06
chrX	66618807	66620310	73.98
chrX	66842057	66843034	58.18
chrX	67022942	67024774	83.05
chrX	67037082	67038993	145.59
chrX	67057757	67059527	100.09
chrX	67068570	67073403	316.52
chrX	67081496	67083070	105.36
chrX	67088878	67096650	3100
chrX	67295811	67297498	97.08
chrX	67365413	67367089	414.94
chrX	67367291	67370468	1417.23
chrX	67679179	67680408	67.12
chrX	68738877	68739775	50.84
chrX	68911658	68912877	64.36
chrX	68933564	68934609	70.81
chrX	69268321	69270649	530.33
chrX	69638930	69640771	350.7
chrX	69653323	69656153	1200.61
chrX	69658093	69659282	198.2
chrX	69659589	69663204	2622.7
chrX	69682340	69684705	521.37
chrX	69689486	69690921	212.89
chrX	69698430	69701481	1338.28
chrX	69711068	69713092	682.95
chrX	69756564	69758229	304.81
chrX	69771111	69772698	223.41
chrX	69813578	69816491	707.67
chrX	69866661	69870335	2457.9
chrX	69870713	69872753	428.47
chrX	69897292	69902403	3184.78
chrX	69902436	69903604	190.91

chr	start	end	fold enrichment
chrX	69942539	69944634	853.61
chrX	69944668	69945781	162.22
chrX	69951798	69955436	514.79
chrX	69956041	69957602	228.14
chrX	69972883	69975942	1693.74
chrX	69984389	69986385	477.3
chrX	70015468	70016781	85.7
chrX	70085267	70086149	73.22
chrX	70104721	70105965	93.7
chrX	70106521	70108823	1003.86
chrX	70166089	70167344	138.47
chrX	70292845	70294526	153.21
chrX	70303404	70306048	261.55
chrX	70376009	70376965	72.79
chrX	70529413	70531036	191.01
chrX	70632895	70634745	423.22
chrX	70634823	70637051	1339.47
chrX	70638993	70640033	75.54
chrX	70723191	70725519	635.9
chrX	70726045	70727292	106.5
chrX	70747647	70749709	174.93
chrX	70838091	70838992	66.57
chrX	70941222	70943286	392.44
chrX	70943774	70945355	197.9
chrX	70968784	70970055	112.38
chrX	70987383	70988676	100.64
chrX	71012641	71016372	1659.02
chrX	71054899	71056366	318.53
chrX	71070233	71071510	226.77
chrX	71073239	71077707	1023.85
chrX	71350191	71351700	117.32
chrX	71404517	71405561	75.07
chrX	71601972	71604171	563.08
chrX	71616441	71618013	422.38
chrX	71691594	71692698	152.99
chrX	71692978	71695049	793.4
chrX	71704840	71707521	682.1
chrX	71726495	71727770	81.81
chrX	71727870	71728731	184.63
chrX	71729037	71730807	192.95
chrX	71739909	71743934	1426.18
chrX	71744076	71745678	215.37
chrX	71753458	71755089	194.81
chrX	71771304	71776706	1769.02
chrX	71776810	71779642	830.87
chrX	71801245	71803776	532.42
chrX	71804720	71810083	1259.13
chrX	71812515	71814090	168.52
chrX	71816482	71819704	1163.71
chrX	71824207	71825799	76.51
chrX	71835325	71836940	256.96
chrX	71837053	71839124	433.73

chr	start	end	fold enrichment
chrX	71842999	71843828	54.1
chrX	71843937	71845013	163.54
chrX	71850172	71853624	686.04
chrX	71859806	71865277	1415.55
chrX	71882203	71884017	381.27
chrX	71948740	71950219	173.51
chrX	71950316	71952433	1391.77
chrX	71955068	71956218	110.45
chrX	71960615	71961646	68.29
chrX	71962205	71965108	743.26
chrX	71975325	71977385	112.59
chrX	72057655	72060788	736.64
chrX	72074029	72075008	57.98
chrX	72075163	72076271	71.94
chrX	72081111	72085125	785.98
chrX	72087635	72089450	242.11
chrX	72089458	72092409	433.06
chrX	72098431	72101084	1086.26
chrX	72101655	72103799	454.16
chrX	72109612	72110419	60.73
chrX	72116382	72119591	506.89
chrX	72122540	72125166	951.79
chrX	72125821	72126959	57.37
chrX	72127473	72128323	51.87
chrX	72132362	72133494	61.65
chrX	72141741	72144805	1517.53
chrX	72146075	72147575	292.48
chrX	72147849	72149739	199.27
chrX	72151827	72152705	52.87
chrX	72152787	72153766	74.3
chrX	72159291	72160742	120.27
chrX	72187565	72189555	433.95
chrX	72214046	72215621	144.65
chrX	72265489	72269195	957.06
chrX	72291987	72293415	236.74
chrX	72389197	72390688	258.71
chrX	72436103	72440781	1239.46
chrX	72453990	72458120	1510.27
chrX	72478728	72480490	112.79
chrX	72508040	72509376	91.29
chrX	72522847	72524060	61.25
chrX	72548889	72550573	75.25
chrX	72554070	72555587	148.11
chrX	72575216	72578125	243.28
chrX	72596833	72597870	59.76
chrX	72615464	72621997	739.33
chrX	72637089	72639767	499.42
chrX	72644723	72648345	715.09
chrX	72786350	72789342	713.69
chrX	72847189	72848496	160.52
chrX	72848605	72850921	404.22
chrX	73189142	73192023	1001.67

chr	start	end	fold enrichment
chrX	73290172	73291729	166.34
chrX	73347955	73350048	472.62
chrX	73384070	73385814	207.12
chrX	73390185	73391628	174.23
chrX	73444462	73446605	286.01
chrX	73574036	73576249	248.51
chrX	73603389	73605568	397.58
chrX	74647897	74650043	363.37
chrX	74991388	74992597	145.72
chrX	75168890	75170718	165.37
chrX	75363198	75364428	56.12
chrX	75517834	75520551	1018.49
chrX	75528128	75530488	127.86
chrX	75567765	75570851	377.11
chrX	75579476	75581641	166.13
chrX	75596375	75600884	1637.68
chrX	75751775	75753398	180.94
chrX	75783407	75784395	60.95
chrX	75815238	75817611	263.41
chrX	75854662	75856241	121.67
chrX	75878042	75880113	115.29
chrX	75913483	75915687	215.63
chrX	75994638	75995812	50.62
chrX	76009605	76011673	169.66
chrX	76318997	76320546	104.09
chrX	76340963	76343726	374.67
chrX	76389020	76391496	192.58
chrX	76435951	76438064	181.74
chrX	76649980	76651335	55.65
chrX	77115756	77119560	3187.84
chrX	77124534	77127592	1538.25
chrX	77129410	77130793	95.87
chrX	77140992	77144014	2084.61
chrX	77164067	77166181	357.19
chrX	77170568	77172902	66.04
chrX	77179148	77183353	3100
chrX	77183932	77186233	119.27
chrX	77190650	77194294	3221.6
chrX	77210136	77212522	1075.68
chrX	77214681	77217564	1913.26
chrX	77219427	77220817	256.23
chrX	77221520	77223729	1151.37
chrX	77226647	77230419	2047.79
chrX	77233057	77236620	1439.54
chrX	77240218	77242645	1255.34
chrX	77245654	77249114	1538.21
chrX	77251831	77255180	1460.59
chrX	77258083	77261377	1297.84
chrX	77264374	77267713	1314.9
chrX	77273178	77276838	2382.73
chrX	77282231	77285937	3043.6
chrX	77305933	77309284	1565.86

chr	start	end	fold enrichment
chrX	77312369	77315724	1436.07
chrX	77320927	77324132	1550.46
chrX	77329734	77336898	3100
chrX	77348493	77349542	74.49
chrX	77790712	77792374	73.71
chrX	77844450	77845710	60.49
chrX	77861309	77863358	163.23
chrX	77905171	77906307	65.05
chrX	77979520	77980777	68.11
chrX	78121460	78122748	676.16
chrX	78123051	78125693	1320.81
chrX	78232028	78235591	585.21
chrX	78236246	78238434	262.68
chrX	78289624	78291548	223.87
chrX	78367357	78368847	64.55
chrX	78376161	78377049	68.12
chrX	78394254	78395221	55.35
chrX	78419069	78420197	51.16
chrX	78422312	78423377	53.3
chrX	78423966	78425138	61.48
chrX	78512002	78513630	76.77
chrX	78513938	78516694	643.27
chrX	78781306	78785216	1789.37
chrX	78790539	78793887	1023.15
chrX	78794727	78796460	107.93
chrX	78829259	78832472	1498.98
chrX	78843603	78846110	668.29
chrX	79003261	79006381	799.08
chrX	79077183	79078148	55.55
chrX	79111263	79112468	98.54
chrX	79176952	79181571	735.56
chrX	79208794	79210610	195.78
chrX	79296101	79299887	1371.25

Data S3D. Significant H3K27me3 peaks on X chromosome in male fibroblasts ChIP-seq data.

chr	start	end	fold enrichment
chrX	8966428	8967808	41.11
chrX	12094749	12096549	78.73
chrX	14343013	14344752	61.07
chrX	19793457	19794988	33.53
chrX	25279458	25284816	145.33
chrX	25329390	25331069	30.54
chrX	25867885	25869181	36.93
chrX	28985955	28987954	71.73
chrX	32375665	32377213	33.64
chrX	36150793	36152980	37.96
chrX	43421316	43422956	40.34
chrX	48571866	48573918	45.82
chrX	49285560	49287015	34.56
chrX	51565497	51567023	43.27
chrX	54785142	54786549	42.59
chrX	55227359	55229107	50.39
chrX	55229262	55233290	46.07
chrX	55293122	55296211	32.35
chrX	59227209	59228708	48.08
chrX	60036573	60039386	45.48
chrX	60898929	60900385	36.78
chrX	61362838	61364947	37.08
chrX	66405763	66407171	42.49
chrX	77509292	77510341	36.57
chrX	77607917	77609311	45.52