HeLa cells

ZNF143 peaks <= 2kb from TSS			Repeats from repeatMasker (USCS) table					
Chromosome	Start	End	Chromosome	Start	End	repName	repClass	repFamily
chr1	762622	763023	chr1	762942	763009	G-rich	Low_complexity	Low_complexity
chr1	894412	894813	chr1	894684	894732	(CCCCG)n	Simple_repeat	Simple_repeat
chr1	1051396	1051797	chr1	1051521	1051549	GC_rich	Low_complexity	Low_complexity
chr1	1051396	1051797	chr1	1051615	1051653	GC_rich	Low_complexity	Low_complexity
chr1	1310613	1311014	.	.	.	.	.	.
chr1	1334717	1335118	.	.	.	.	.	.
chr1	1342523	1342924	.	.	.	.	.	.
chr1	1447147	1447548	.	.	.	.	.	.
chr1	1551000	1551401	.	.	.	.	.	.
chr1	2457466	2457867	chr1	2457796	2457883	C-rich	Low_complexity	Low_complexity
chr1	3566493	3566894	chr1	3566853	3567001	MER53	DNA	hAT
chr1	3663726	3664127	chr1	3663887	3663909	GC_rich	Low_complexity	Low_complexity
chr1	3712829	3713230	.	.	.	.	.	.
chr1	3773804	3774205	.	.	.	.	.	.
chr1	3816982	3817383	.	.	.	.	.	.
chr1	6259526	6259927	.	.	.	.	.	.
chr1	6662469	6662870	.	.	.	.	.	.
chr1	6673450	6673851	chr1	6673413	6673570	C-rich	Low_complexity	Low_complexity
chr1	6761695	6762096	.	.	.	.	.	.
chr1	10490577	10490978	chr1	10490722	10490748	GC_rich	Low_complexity	Low_complexity
chr1	10532444	10532845	.	.	.	.	.	.
chr1	10534799	10535200	.	.	.	.	.	.
chr1	11072978	11073379	chr1	11073269	11073572	L2c	LINE	L2
chr1	11866642	11867043	.	.	.	.	.	.
chr1	12040055	12040456	.	.	.	.	.	.
chr1	15852903	15853304	chr1	15852854	15852972	MIR3	SINE	MIR
chr1	16302363	16302764	chr1	16302758	16302980	MIRb	SINE	MIR
chr1	16940050	16940451	.	.	.	.	.	.
chr1	17338302	17338703	chr1	17338252	17338346	GC_rich	Low_complexity	Low_complexity
chr1	17338302	17338703	chr1	17338598	17338757	MIRb	SINE	MIR
chr1	17380354	17380755	.	.	.	.	.	.
chr1	19536690	19537091	chr1	19536672	19536740	(CCG)n	Simple_repeat	Simple_repeat
chr1	19577945	19578346	.	.	.	.	.	.
chr1	20834348	20834749	.	.	.	.	.	.
chr1	20987707	20988108	.	.	.	.	.	.
chr1	22109969	22110370	.	.	.	.	.	.
chr1	22778168	22778569	.	.	.	.	.	.
chr1	23345627	23346028	chr1	23345582	23345685	L2c	LINE	L2
chr1	23670660	23671061	.	.	.	.	.	.
chr1	23695189	23695590	chr1	23695435	23695462	GC_rich	Low_complexity	Low_complexity
chr1	24018062	24018463	.	.	.	.	.	.
chr1	24151695	24152096	chr1	24151967	24151990	GC_rich	Low_complexity	Low_complexity
chr1	24151695	24152096	chr1	24152043	24152111	L2b	LINE	L2
chr1	24285934	24286335	.	.	.	.	.	.
chr1	24648200	24648601	.	.	.	.	.	.
chr1	24969593	24969994	.	.	.	.	.	.
chr1	26146256	26146657	.	.	.	.	.	.
chr1	26232856	26233257	.	.	.	.	.	.
chr1	26324477	26324878	.	.	.	.	.	.
chr1	26633019	26633420	chr1	26633411	26633572	MIRb	SINE	MIR
chr1	27560645	27561046	.	.	.	.	.	.
chr1	27930529	27930930	chr1	27930528	27930633	C-rich	Low_complexity	Low_complexity
chr1	27930529	27930930	chr1	27930734	27930781	GC_rich	Low_complexity	Low_complexity
chr1	28157092	28157493	.	.	.	.	.	.
chr1	28414933	28415334	.	.	.	.	.	.
chr1	28585646	28586047	.	.	.	.	.	.
chr1	28695975	28696376	.	.	.	.	.	.
chr1	28832213	28832614	chr1	28831924	28832223	AluSz6	SINE	Alu
chr1	28908267	28908668	.	.	.	.	.	.
chr1	28969671	28970072	chr1	28970067	28970230	MIRb	SINE	MIR
chr1	28974676	28975077	.	.	.	.	.	.
chr1	29063068	29063469	chr1	29063346	29063368	GC_rich	Low_complexity	Low_complexity
chr1	29508476	29508877	chr1	29508728	29508950	MIRb	SINE	MIR
chr1	31769678	31770079	.	.	.	.	.	.
chr1	32110076	32110477	.	.	.	.	.	.
chr1	32645047	32645448	.	.	.	.	.	.
chr1	32859828	32860229	.	.	.	.	.	.
chr1	33502359	33502760	.	.	.	.	.	.
chr1	33937981	33938382	.	.	.	.	.	.
chr1	35325215	35325616	chr1	35325578	35325668	L2c	LINE	L2
chr1	35497343	35497744	chr1	35497731	35497911	AluSx	SINE	Alu
chr1	35544760	35545161	chr1	35544620	35544780	MIR	SINE	MIR
chr1	36023056	36023457	.	.	.	.	.	.
chr1	36235627	36236028	chr1	36236021	36236132	(TA)n	Simple_repeat	Simple_repeat
chr1	36554177	36554578	.	.	.	.	.	.
chr1	36615005	36615406	.	.	.	.	.	.
chr1	36689751	36690152	.	.	.	.	.	.
chr1	36863355	36863756	chr1	36863630	36863946	L2a	LINE	L2
chr1	38019732	38020133	chr1	38020043	38020340	AluSz6	SINE	Alu
chr1	38156075	38156476	.	.	.	.	.	.
chr1	38412534	38412935	.	.	.	.	.	.
chr1	38455530	38455931	.	.	.	.	.	.
chr1	38478049	38478450	.	.	.	.	.	.
chr1	40506263	40506664	.	.	.	.	.	.
chr1	40723551	40723952	.	.	.	.	.	.
chr1	40915477	40915878	.	.	.	.	.	.
chr1	40974187	40974588	.	.	.	.	.	.
chr1	40997026	40997427	.	.	.	.	.	.
chr1	42800695	42801096	chr1	42800686	42800723	GC_rich	Low_complexity	Low_complexity
chr1	43123883	43124284	.	.	.	.	.	.
chr1	43311922	43312323	.	.	.	.	.	.
chr1	43855348	43855749	.	.	.	.	.	.
chr1	44412191	44412592	.	.	.	.	.	.
chr1	44435312	44435713	chr1	44435051	44435336	AluJb	SINE	Alu
chr1	44440292	44440693	.	.	.	.	.	.
chr1	44678888	44679289	chr1	44678750	44678916	MIRb	SINE	MIR
chr1	44820835	44821236	.	.	.	.	.	.
chr1	44870623	44871024	chr1	44870837	44870898	(TG)n	Simple_repeat	Simple_repeat
chr1	45205160	45205561	chr1	45205152	45205246	MIRb	SINE	MIR
chr1	45241003	45241404	chr1	45240565	45241008	L2	LINE	L2
chr1	45452103	45452504	chr1	45452456	45452550	L2b	LINE	L2
chr1	45769391	45769792	chr1	45769777	45769798	GC_rich	Low_complexity	Low_complexity

repName count

GC_rich	342
C-rich	49
(CGG)n	43
MIRb	42
(CCG)n	40
G-rich	39
MIRc	29
MIR3	27
L2a	25
(CGGGG)n	22
(CCCCG)n	21
MIR	20
L2c	20
L2b	19
AluJb	15
AluSx	12
AluSx1	11
(CA)n	11
(TG)n	10
(T)n	9
AluSp	9
L2	7
AluSz	7
(TCC)n	7
AluSq2	7
CT-rich	7
FRAM	6
(A)n	6
AluJr	6
MER5A	6
AT_rich	6
MLT1J	5
(CAG)n	5
(CGCGG)n	5
AluY	5
FLAM_C	5
L3	4
T-rich	4
AluJo	4
(CGGGGG)n	4
AluSc	4
(CACG)n	4
AluSz6	3
(TCCCC)n	3
(CCGCG)n	3
(CCCCCG)n	3
(CTGGGG)n	3
AluSg	3
(GGA)n	3
SSU-rRNA_H	3
MLT1J1	3
(CTG)n	3
AluSc8	3
MER5B	2
(GGCTG)n	2
(CCTCG)n	2
MER81	2
GA-rich	2
AluSq	2
(GA)n	2
L1M5	2
(CGAGG)n	2
(TCTCCC)n	2
AluSx3	2
(CGTG)n	2
(TGAA)n	2
L3b	2
LTR41	2
MER33	2
MER5A1	2
(TCCC)n	2
A-rich	2
(CCCCAG)n	2
MER53	1
MER67A	1
(TA)n	1
(TGGG)n	1
L1M1	1
(TTTA)n	1
(GCTG)n	1
U2	1
L1MA3	1
(AGGGGG)n	1
L1ME2z	1
LTR34	1
MER67C	1
L1MEg	1
MLT1D	1
tRNA-Leu-CT	1
X7C_LINE	1
Zaphod3	1
(CTCG)n	1
FAM	1
MER82	1
AluYb8	1
tRNA-Asn-AA	1
L1MB7	1
L1M4	1
LTR10D	1
CR1_Mam	1
(TCCA)n	1
BSR/Beta	1

repClass count

Low_complexity	452
Simple_repeat	255
SINE	231
LINE	94
LTR	32
DNA	25
tRNA	5
Satellite	3
rRNA	3
snRNA	2
srpRNA	1

repFamily count

Low_comple	452
Simple_repe	255
MIR	118
Alu	113
L2	71
L1	15
hAT-Charlie	15
ERVL-MaLR	12
ERV1	11
ERVL	9
CR1	8
tRNA	5
TcMar-Tigger	4
Satellite	3
hAT-Blackjac	3
rRNA	3
hAT-Tip100	2
snRNA	2
hAT	1
srpRNA	1

chr1	45805925	45806326	.	.	.	.	.	.
chr1	45965672	45966073	.	.	.	.	.	.
chr1	46016239	46016640	chr1	46016231	46016312	MIR3	SINE	MIR
chr1	46152615	46153016	.	.	.	.	.	.
chr1	46713273	46713674	.	.	.	.	.	.
chr1	46806206	46806607	chr1	46806084	46806286	L2b	LINE	L2
chr1	47134059	47134460	.	.	.	.	.	.
chr1	47799752	47800153	chr1	47799899	47799956	GC_rich	Low_complexity	Low_complexity
chr1	52344459	52344860	.	.	.	.	.	.
chr1	52521588	52521989	chr1	52521952	52521976	(CCG)n	Simple_repeat	Simple_repeat
chr1	53018458	53018859	chr1	53018676	53018705	(CCG)n	Simple_repeat	Simple_repeat
chr1	53018458	53018859	chr1	53018772	53018832	G-rich	Low_complexity	Low_complexity
chr1	53163979	53164380	chr1	53164260	53164383	L2c	LINE	L2
chr1	53308691	53309092	.	.	.	.	.	.
chr1	54304037	54304438	.	.	.	.	.	.
chr1	54518995	54519396	.	.	.	.	.	.
chr1	54665691	54666092	.	.	.	.	.	.
chr1	59012310	59012711	chr1	59012149	59012322	C-rich	Low_complexity	Low_complexity
chr1	59249765	59250166	chr1	59249931	59249998	C-rich	Low_complexity	Low_complexity
chr1	63249363	63249764	chr1	63249357	63249378	(T)n	Simple_repeat	Simple_repeat
chr1	63782659	63783060	.	.	.	.	.	.
chr1	63988838	63989239	.	.	.	.	.	.
chr1	67896015	67896416	.	.	.	.	.	.
chr1	70820244	70820645	.	.	.	.	.	.
chr1	76189757	76190158	.	.	.	.	.	.
chr1	78245133	78245534	.	.	.	.	.	.
chr1	84763955	84764356	.	.	.	.	.	.
chr1	84944689	84945090	chr1	84944573	84944716	L2a	LINE	L2
chr1	85930858	85931259	chr1	85931236	85931711	L3	LINE	CR1
chr1	93544608	93545009	.	.	.	.	.	.
chr1	93645945	93646346	.	.	.	.	.	.
chr1	93811281	93811682	chr1	93811641	93811692	(CGG)n	Simple_repeat	Simple_repeat
chr1	93913346	93913747	chr1	93913572	93913635	(CCCCG)n	Simple_repeat	Simple_repeat
chr1	95538071	95538472	.	.	.	.	.	.
chr1	100435317	100435718	.	.	.	.	.	.
chr1	100598361	100598762	.	.	.	.	.	.
chr1	100731597	100731998	.	.	.	.	.	.
chr1	101361423	101361824	.	.	.	.	.	.
chr1	104068392	104068793	.	.	.	.	.	.
chr1	107599062	107599463	.	.	.	.	.	.
chr1	109234760	109235161	.	.	.	.	.	.
chr1	109642558	109642959	chr1	109642457	109642605	FRAM	SINE	Alu
chr1	109968893	109969294	.	.	.	.	.	.
chr1	110026099	110026500	chr1	110026414	110026435	GC_rich	Low_complexity	Low_complexity
chr1	110527196	110527597	chr1	110527555	110527671	G-rich	Low_complexity	Low_complexity
chr1	110949875	110950276	.	.	.	.	.	.
chr1	111506658	111507059	.	.	.	.	.	.
chr1	111682893	111683294	.	.	.	.	.	.
chr1	113162226	113162627	.	.	.	.	.	.
chr1	114354880	114355281	.	.	.	.	.	.
chr1	115299999	115300400	.	.	.	.	.	.
chr1	120190815	120191216	chr1	120190799	120190882	(GCTG)n	Simple_repeat	Simple_repeat
chr1	144931956	144932357	.	.	.	.	.	.
chr1	145039856	145040257	.	.	.	.	.	.
chr1	145075174	145075575	.	.	.	.	.	.
chr1	145507411	145507812	.	.	.	.	.	.
chr1	147142502	147142903	.	.	.	.	.	.
chr1	149870901	149871302	chr1	149870876	149870937	MIR3	SINE	MIR
chr1	149899479	149899880	.	.	.	.	.	.
chr1	150039567	150039968	.	.	.	.	.	.
chr1	150241305	150241706	.	.	.	.	.	.
chr1	150898651	150899052	chr1	150898839	150898918	C-rich	Low_complexity	Low_complexity
chr1	150980634	150981035	.	.	.	.	.	.
chr1	151138231	151138632	.	.	.	.	.	.
chr1	151226928	151227329	.	.	.	.	.	.
chr1	151584228	151584629	.	.	.	.	.	.
chr1	153630963	153631364	.	.	.	.	.	.
chr1	153930989	153931390	chr1	153931334	153931379	G-rich	Low_complexity	Low_complexity
chr1	153949995	153950396	.	.	.	.	.	.
chr1	154192883	154193284	.	.	.	.	.	.
chr1	154531248	154531649	chr1	154531232	154531253	(TCC)n	Simple_repeat	Simple_repeat
chr1	154842745	154843146	chr1	154843135	154843282	MIRb	SINE	MIR
chr1	154946673	154947074	.	.	.	.	.	.
chr1	155112848	155113249	chr1	155112737	155112869	L1M1	LINE	L1
chr1	155145496	155145897	.	.	.	.	.	.
chr1	155178847	155179248	chr1	155178837	155178873	GC_rich	Low_complexity	Low_complexity
chr1	155196645	155197046	chr1	155196645	155196750	FLAM_A	SINE	Alu
chr1	155196645	155197046	chr1	155196860	155196980	L2c	LINE	L2
chr1	155214493	155214894	chr1	155214576	155214663	(GA)n	Simple_repeat	Simple_repeat
chr1	155225147	155225548	.	.	.	.	.	.
chr1	155232046	155232447	.	.	.	.	.	.
chr1	155243119	155243520	.	.	.	.	.	.
chr1	155278384	155278785	.	.	.	.	.	.
chr1	155532677	155533078	chr1	155532658	155532687	(CCG)n	Simple_repeat	Simple_repeat
chr1	155880990	155881391	.	.	.	.	.	.
chr1	155990586	155990987	.	.	.	.	.	.
chr1	156024339	156024740	.	.	.	.	.	.
chr1	156052132	156052533	chr1	156052297	156052324	GC_rich	Low_complexity	Low_complexity
chr1	156163558	156163959	.	.	.	.	.	.
chr1	156251883	156252284	chr1	156251866	156252017	MIR3	SINE	MIR
chr1	156308358	156308759	.	.	.	.	.	.
chr1	156542215	156542616	.	.	.	.	.	.
chr1	156710847	156711248	.	.	.	.	.	.
chr1	156736936	156737337	.	.	.	.	.	.
chr1	159915351	159915752	.	.	.	.	.	.
chr1	161014906	161015307	.	.	.	.	.	.
chr1	161102672	161103073	.	.	.	.	.	.
chr1	161123707	161124108	.	.	.	.	.	.
chr1	161171835	161172236	.	.	.	.	.	.
chr1	163291407	163291808	.	.	.	.	.	.
chr1	165737959	165738360	.	.	.	.	.	.
chr1	167522236	167522637	chr1	167522001	167522309	AluSz	SINE	Alu
chr1	168147917	168148318	.	.	.	.	.	.
chr1	168194948	168195349	chr1	168195101	168195123	GC_rich	Low_complexity	Low_complexity
chr1	169337158	169337559	.	.	.	.	.	.

(CACCAT)n	1
AluYa5	1
(CCTG)n	1
(TTATA)n	1
L1PA10	1
BLACKJACK	1
MLT1C	1
AluSx4	1
Charlie21a	1
FLAM_A	1
SUBTEL_sa	1
L1PA16	1
(TTAGGC)n	1
(TC)n	1
MER44A	1
LTR8	1
polypyrimidi	1
MER20	1
(C)n	1
MER52D	1
(CCCG)n	1
(GAAA)n	1
MLT2A2	1
AluSg7	1
LTR71B	1
(CAAA)n	1
tRNA-Arg-CG	1
7SLRNA	1
(CTCA)n	1
(G)n	1
L1ME5	1
tRNA-Arg-CG	1
(TGG)n	1
U6	1
AluSg4	1
(CAGAGA)n	1
L1MC4	1
LTR33B	1
MER31B	1
L1PA12	1
AluJr4	1
AluSq10	1
(TTTTG)n	1
MSR1	1
MLT1H	1
(CTCGG)n	1
MER4D1	1
Tigger2b_Pri	1
MER5C	1
(CACGC)n	1
(CCCA)n	1
MLT2F	1
(CCGGG)n	1
(TCG)n	1
L1M4b	1
(CCCTAA)n	1
(CAAAA)n	1
MLT2C1	1
LTR33A	1
(GGAA)n	1
(CCCGG)n	1
tRNA-Arg-AG	1
LTR67B	1
Tigger5	1
MER51A	1
MER50B	1
THE1D	1
MER115	1
L1MC5	1
(GGGA)n	1
LTR16A	1
(TAGG)n	1

chr1	169763980	169764381	.	.	.	.	.	.
chr1	169862947	169863348	.	.	.	.	.	.
chr1	172412990	172413391	.	.	.	.	.	.
chr1	172501695	172502096	.	.	.	.	.	.
chr1	173683845	173684246	.	.	.	.	.	.
chr1	173793362	173793763	.	.	.	.	.	.
chr1	173837309	173837710	.	.	.	.	.	.
chr1	179846797	179847198	.	.	.	.	.	.
chr1	179851674	179852075	.	.	.	.	.	.
chr1	179923648	179924049	chr1	179923897	179923930	(CCG)n	Simple_repeat	Simple_repeat
chr1	182758637	182759038	.	.	.	.	.	.
chr1	182991864	182992265	chr1	182992221	182992284	(TCCCC)n	Simple_repeat	Simple_repeat
chr1	183441013	183441414	.	.	.	.	.	.
chr1	184020649	184021050	.	.	.	.	.	.
chr1	184724048	184724449	.	.	.	.	.	.
chr1	185126099	185126500	.	.	.	.	.	.
chr1	186344289	186344690	.	.	.	.	.	.
chr1	193028310	193028711	.	.	.	.	.	.
chr1	198125890	198126291	chr1	198126071	198126102	GC_rich	Low_complexity	Low_complexity
chr1	198125890	198126291	chr1	198126250	198126271	GC_rich	Low_complexity	Low_complexity
chr1	200378988	200379389	chr1	200379078	200379104	(CCG)n	Simple_repeat	Simple_repeat
chr1	201924417	201924818	.	.	.	.	.	.
chr1	201979210	201979611	.	.	.	.	.	.
chr1	202310888	202311289	.	.	.	.	.	.
chr1	202317522	202317923	.	.	.	.	.	.
chr1	203764513	203764914	chr1	203764486	203764560	MIR	SINE	MIR
chr1	203830547	203830948	.	.	.	.	.	.
chr1	205091197	205091598	.	.	.	.	.	.
chr1	205180686	205181087	.	.	.	.	.	.
chr1	205744425	205744826	chr1	205744671	205744734	X7C_LINE	LINE	CR1
chr1	211848774	211849175	.	.	.	.	.	.
chr1	212588095	212588496	.	.	.	.	.	.
chr1	212965001	212965402	.	.	.	.	.	.
chr1	213188940	213189341	chr1	213189337	213189648	AluSq2	SINE	Alu
chr1	213224343	213224744	.	.	.	.	.	.
chr1	222763076	222763477	.	.	.	.	.	.
chr1	224544309	224544710	chr1	224544218	224544338	FRAM	SINE	Alu
chr1	225117075	225117476	.	.	.	.	.	.
chr1	226374209	226374610	chr1	226374242	226374284	(CGG)n	Simple_repeat	Simple_repeat
chr1	226496688	226497089	chr1	226496938	226497081	GC_rich	Low_complexity	Low_complexity
chr1	227922899	227923300	.	.	.	.	.	.
chr1	228270166	228270567	.	.	.	.	.	.
chr1	231114537	231114938	chr1	231114538	231114563	(CAG)n	Simple_repeat	Simple_repeat
chr1	231663912	231664313	.	.	.	.	.	.
chr1	233431271	233431672	chr1	233431324	233431361	(CCG)n	Simple_repeat	Simple_repeat
chr1	233431271	233431672	chr1	233431600	233431759	T-rich	Low_complexity	Low_complexity
chr1	234859844	234860245	chr1	234859855	234859926	GA-rich	Low_complexity	Low_complexity
chr1	235491546	235491947	.	.	.	.	.	.
chr1	235667719	235668120	.	.	.	.	.	.
chr1	236445132	236445533	.	.	.	.	.	.
chr1	236958255	236958656	chr1	236958136	236958290	MIRc	SINE	MIR
chr1	241682990	241683391	.	.	.	.	.	.
chr1	242011048	242011449	chr1	242010931	242011088	MER67A	LTR	ERV1
chr1	243419065	243419466	.	.	.	.	.	.
chr1	244615379	244615780	.	.	.	.	.	.
chr1	244815865	244816266	.	.	.	.	.	.
chr1	246729360	246729761	.	.	.	.	.	.
chr1	247095333	247095734	chr1	247095541	247095572	GC_rich	Low_complexity	Low_complexity
chr1	249153208	249153609	.	.	.	.	.	.
chr10	5708452	5708853	chr10	5708548	5708635	G-rich	Low_complexity	Low_complexity
chr10	5931798	5932199	.	.	.	.	.	.
chr10	6130786	6131187	chr10	6130903	6130985	SUBTEL_sa	Satellite	Satellite
chr10	12237847	12238248	.	.	.	.	.	.
chr10	13389810	13390211	chr10	13389863	13389910	GC_rich	Low_complexity	Low_complexity
chr10	13389810	13390211	chr10	13389972	13389995	GC_rich	Low_complexity	Low_complexity
chr10	13389810	13390211	chr10	13390112	13390137	(CGG)n	Simple_repeat	Simple_repeat
chr10	13389810	13390211	chr10	13390137	13390233	GC_rich	Low_complexity	Low_complexity
chr10	14880143	14880544	.	.	.	.	.	.
chr10	17685899	17686300	.	.	.	.	.	.
chr10	21814654	21815055	.	.	.	.	.	.
chr10	22605132	22605533	chr10	22605176	22605284	GC_rich	Low_complexity	Low_complexity
chr10	26986290	26986691	chr10	26986684	26986723	GC_rich	Low_complexity	Low_complexity
chr10	27149813	27150214	.	.	.	.	.	.
chr10	27443138	27443539	chr10	27443491	27443668	AluSx1	SINE	Alu
chr10	27530846	27531247	.	.	.	.	.	.
chr10	27792922	27793323	.	.	.	.	.	.
chr10	29698242	29698643	.	.	.	.	.	.
chr10	32635904	32636305	.	.	.	.	.	.
chr10	35625055	35625456	chr10	35625355	35625428	G-rich	Low_complexity	Low_complexity
chr10	38265432	38265833	chr10	38265455	38265485	GC_rich	Low_complexity	Low_complexity
chr10	38299304	38299705	.	.	.	.	.	.
chr10	38383047	38383448	.	.	.	.	.	.
chr10	43048158	43048559	.	.	.	.	.	.
chr10	43133944	43134345	.	.	.	.	.	.
chr10	43277920	43278321	.	.	.	.	.	.
chr10	44069836	44070237	.	.	.	.	.	.
chr10	44101644	44102045	.	.	.	.	.	.
chr10	44144176	44144577	.	.	.	.	.	.
chr10	46168307	46168708	chr10	46168675	46168737	MIRb	SINE	MIR
chr10	58120815	58121216	.	.	.	.	.	.
chr10	60094472	60094873	chr10	60094487	60094527	MIRc	SINE	MIR
chr10	60094472	60094873	chr10	60094679	60094701	GC_rich	Low_complexity	Low_complexity
chr10	60145007	60145408	.	.	.	.	.	.
chr10	64564081	64564482	.	.	.	.	.	.
chr10	69597800	69598201	.	.	.	.	.	.
chr10	74114175	74114576	.	.	.	.	.	.
chr10	74385697	74386098	.	.	.	.	.	.
chr10	74870015	74870416	.	.	.	.	.	.
chr10	75012264	75012665	chr10	75012648	75012865	L2b	LINE	L2
chr10	75255638	75256039	.	.	.	.	.	.
chr10	75503599	75504000	chr10	75503560	75503655	MIR	SINE	MIR
chr10	75541633	75542034	.	.	.	.	.	.
chr10	75544883	75545284	.	.	.	.	.	.
chr10	76817418	76817819	chr10	76817573	76817624	MLT1J	LTR	ERVL-MaLR
chr10	76817418	76817819	chr10	76817671	76817956	MLT1J	LTR	ERVL-MaLR

chr10	79685178	79685579	.	.	.	.	.	.
chr10	81107745	81108146	.	.	.	.	.	.
chr10	81586397	81586798	.	.	.	.	.	.
chr10	81838807	81839208	.	.	.	.	.	.
chr10	88281483	88281884	.	.	.	.	.	.
chr10	89102476	89102877	chr10	89102794	89102826	(CCTCG)n	Simple_repeat	Simple_repeat
chr10	89577744	89578145	.	.	.	.	.	.
chr10	91461152	91461553	.	.	.	.	.	.
chr10	92631478	92631879	.	.	.	.	.	.
chr10	93557838	93558239	.	.	.	.	.	.
chr10	94002943	94003344	.	.	.	.	.	.
chr10	94050654	94051055	.	.	.	.	.	.
chr10	94351291	94351692	chr10	94350839	94351327	LTR10D	LTR	ERV1
chr10	94352625	94353026	chr10	94352529	94352662	MIR	SINE	MIR
chr10	95462236	95462637	chr10	95462273	95462305	(CCG)n	Simple_repeat	Simple_repeat
chr10	97667736	97668137	.	.	.	.	.	.
chr10	98345944	98346345	.	.	.	.	.	.
chr10	99052424	99052825	chr10	99052783	99052874	L1PA16	LINE	L1
chr10	99205668	99206069	chr10	99206010	99206032	GC_rich	Low_complexity	Low_complexity
chr10	99257420	99257821	chr10	99257654	99257807	MIRc	SINE	MIR
chr10	99894154	99894555	chr10	99893865	99894197	L2a	LINE	L2
chr10	101491773	101492174	.	.	.	.	.	.
chr10	102672936	102673337	.	.	.	.	.	.
chr10	102747092	102747493	.	.	.	.	.	.
chr10	103113478	103113879	.	.	.	.	.	.
chr10	103347804	103348205	.	.	.	.	.	.
chr10	103578134	103578535	.	.	.	.	.	.
chr10	103815841	103816242	chr10	103816166	103816307	L1M5	LINE	L1
chr10	103892485	103892886	.	.	.	.	.	.
chr10	103911881	103912282	.	.	.	.	.	.
chr10	104004759	104005160	.	.	.	.	.	.
chr10	104179486	104179887	chr10	104179688	104179888	MIRc	SINE	MIR
chr10	104262423	104262824	.	.	.	.	.	.
chr10	104614057	104614458	chr10	104614418	104614616	AluSp	SINE	Alu
chr10	105110746	105111147	chr10	105110707	105110754	G-rich	Low_complexity	Low_complexity
chr10	105156252	105156653	.	.	.	.	.	.
chr10	111985457	111985858	chr10	111985763	111985865	GC_rich	Low_complexity	Low_complexity
chr10	116697718	116698119	.	.	.	.	.	.
chr10	119806275	119806676	chr10	119806294	119806318	GC_rich	Low_complexity	Low_complexity
chr10	120966772	120967173	chr10	120966931	120966953	GC_rich	Low_complexity	Low_complexity
chr10	120966772	120967173	chr10	120967109	120967215	G-rich	Low_complexity	Low_complexity
chr10	121356469	121356870	.	.	.	.	.	.
chr10	121651867	121652268	.	.	.	.	.	.
chr10	123687358	123687759	chr10	123687581	123687613	GC_rich	Low_complexity	Low_complexity
chr10	124133892	124134293	chr10	124134011	124134074	GC_rich	Low_complexity	Low_complexity
chr10	124133892	124134293	chr10	124134280	124134302	GC_rich	Low_complexity	Low_complexity
chr10	124739784	124740185	.	.	.	.	.	.
chr10	124913465	124913866	.	.	.	.	.	.
chr10	126150159	126150560	chr10	126150357	126150392	GC_rich	Low_complexity	Low_complexity
chr10	126490140	126490541	.	.	.	.	.	.
chr10	127511759	127512160	chr10	127511732	127511763	GC_rich	Low_complexity	Low_complexity
chr10	131909310	131909711	.	.	.	.	.	.
chr11	208555	208956	chr11	208732	208775	GC_rich	Low_complexity	Low_complexity
chr11	236736	237137	chr11	236640	236796	MIRb	SINE	MIR
chr11	450083	450484	.	.	.	.	.	.
chr11	576261	576662	chr11	576598	576650	GC_rich	Low_complexity	Low_complexity
chr11	747216	747617	chr11	747428	747463	GC_rich	Low_complexity	Low_complexity
chr11	789963	790364	chr11	789980	790025	GC_rich	Low_complexity	Low_complexity
chr11	789963	790364	chr11	790138	790180	GC_rich	Low_complexity	Low_complexity
chr11	789963	790364	chr11	790333	790379	(TGGG)n	Simple_repeat	Simple_repeat
chr11	809381	809782	.	.	.	.	.	.
chr11	910668	911069	chr11	910503	910676	C-rich	Low_complexity	Low_complexity
chr11	910668	911069	chr11	910840	910873	GC_rich	Low_complexity	Low_complexity
chr11	910668	911069	chr11	910938	910972	(CTGGGG)n	Simple_repeat	Simple_repeat
chr11	910668	911069	chr11	910972	911003	GC_rich	Low_complexity	Low_complexity
chr11	2421654	2422055	.	.	.	.	.	.
chr11	3078553	3078954	.	.	.	.	.	.
chr11	3819092	3819493	.	.	.	.	.	.
chr11	4115730	4116131	.	.	.	.	.	.
chr11	6704681	6705082	chr11	6704950	6705271	Zaphod3	DNA	hAT-Tip100
chr11	8008537	8008938	chr11	8008539	8008584	MIRc	SINE	MIR
chr11	8985879	8986280	chr11	8985910	8985954	(TTAGGC)n	Simple_repeat	Simple_repeat
chr11	9405903	9406304	.	.	.	.	.	.
chr11	9482360	9482761	.	.	.	.	.	.
chr11	10772547	10772948	.	.	.	.	.	.
chr11	12399530	12399931	chr11	12399596	12399669	GC_rich	Low_complexity	Low_complexity
chr11	16759922	16760323	.	.	.	.	.	.
chr11	17099179	17099580	.	.	.	.	.	.
chr11	27384585	27384986	.	.	.	.	.	.
chr11	27528096	27528497	.	.	.	.	.	.
chr11	32605128	32605529	.	.	.	.	.	.
chr11	32914160	32914561	chr11	32914389	32914415	(CCG)n	Simple_repeat	Simple_repeat
chr11	32914160	32914561	chr11	32914464	32914485	GC_rich	Low_complexity	Low_complexity
chr11	32914160	32914561	chr11	32914555	32914605	C-rich	Low_complexity	Low_complexity
chr11	33182896	33183297	.	.	.	.	.	.
chr11	35684189	35684590	chr11	35684303	35684328	GC_rich	Low_complexity	Low_complexity
chr11	35684189	35684590	chr11	35684361	35684411	GC_rich	Low_complexity	Low_complexity
chr11	36310816	36311217	chr11	36310754	36310858	MIR3	SINE	MIR
chr11	36615759	36616160	.	.	.	.	.	.
chr11	43380270	43380671	.	.	.	.	.	.
chr11	43902064	43902465	.	.	.	.	.	.
chr11	45939045	45939446	.	.	.	.	.	.
chr11	46722228	46722629	.	.	.	.	.	.
chr11	47198188	47198589	.	.	.	.	.	.
chr11	47270216	47270617	.	.	.	.	.	.
chr11	47278996	47279397	.	.	.	.	.	.
chr11	47290872	47291273	chr11	47291141	47291190	GC_rich	Low_complexity	Low_complexity
chr11	47429722	47430123	chr11	47430080	47430101	GC_rich	Low_complexity	Low_complexity
chr11	47429722	47430123	chr11	47430101	47430157	G-rich	Low_complexity	Low_complexity
chr11	47447967	47448368	.	.	.	.	.	.
chr11	47586979	47587380	.	.	.	.	.	.
chr11	47600357	47600758	.	.	.	.	.	.
chr11	57424935	57425336	.	.	.	.	.	.
chr11	57508634	57509035	.	.	.	.	.	.
chr11	58345595	58345996	.	.	.	.	.	.

chr11	59382586	59382987	chr11	59382931	59383151	(CCG)n	Simple_repeat	Simple_repeat
chr11	60673924	60674325	chr11	60674278	60674344	MER5A	DNA	hAT-Charlie
chr11	60681178	60681579	.	.	.	.	.	.
chr11	61100391	61100792	.	.	.	.	.	.
chr11	61129266	61129667	.	.	.	.	.	.
chr11	61560008	61560409	.	.	.	.	.	.
chr11	61584277	61584678	.	.	.	.	.	.
chr11	61891032	61891433	.	.	.	.	.	.
chr11	62358873	62359274	.	.	.	.	.	.
chr11	62413880	62414281	.	.	.	.	.	.
chr11	62438969	62439370	.	.	.	.	.	.
chr11	62495695	62496096	.	.	.	.	.	.
chr11	62538925	62539326	chr11	62538897	62538926	(CCG)n	Simple_repeat	Simple_repeat
chr11	62609009	62609410	chr11	62609095	62609281	U2	snRNA	snRNA
chr11	62623244	62623645	.	.	.	.	.	.
chr11	63439031	63439432	chr11	63438998	63439041	(CGAGG)n	Simple_repeat	Simple_repeat
chr11	63536139	63536540	chr11	63536094	63536219	(CGCGG)n	Simple_repeat	Simple_repeat
chr11	63536139	63536540	chr11	63536444	63536481	GC_rich	Low_complexity	Low_complexity
chr11	63741874	63742275	.	.	.	.	.	.
chr11	63753744	63754145	.	.	.	.	.	.
chr11	63933438	63933839	.	.	.	.	.	.
chr11	64014812	64015213	.	.	.	.	.	.
chr11	64073441	64073842	.	.	.	.	.	.
chr11	64569954	64570355	chr11	64570170	64570216	MIR	SINE	MIR
chr11	64577897	64578298	.	.	.	.	.	.
chr11	64691884	64692285	.	.	.	.	.	.
chr11	64808278	64808679	.	.	.	.	.	.
chr11	64863396	64863797	.	.	.	.	.	.
chr11	64884975	64885376	.	.	.	.	.	.
chr11	65083980	65084381	chr11	65084012	65084179	MIRb	SINE	MIR
chr11	65382618	65383019	.	.	.	.	.	.
chr11	65479341	65479742	.	.	.	.	.	.
chr11	65488087	65488488	chr11	65488426	65488572	C-rich	Low_complexity	Low_complexity
chr11	65625575	65625976	.	.	.	.	.	.
chr11	65728887	65729288	chr11	65729283	65729454	(CGG)n	Simple_repeat	Simple_repeat
chr11	65769513	65769914	.	.	.	.	.	.
chr11	65819454	65819855	.	.	.	.	.	.
chr11	66025051	66025452	.	.	.	.	.	.
chr11	66035720	66036121	chr11	66035712	66035804	MIRc	SINE	MIR
chr11	66112393	66112794	.	.	.	.	.	.
chr11	66138701	66139102	.	.	.	.	.	.
chr11	66206329	66206730	.	.	.	.	.	.
chr11	66726322	66726723	chr11	66726469	66726546	MIRb	SINE	MIR
chr11	66726322	66726723	chr11	66726619	66727294	LTR34	LTR	ERV1
chr11	67085065	67085466	.	.	.	.	.	.
chr11	67195644	67196045	chr11	67195984	67196016	GC_rich	Low_complexity	Low_complexity
chr11	67374064	67374465	.	.	.	.	.	.
chr11	68671154	68671555	.	.	.	.	.	.
chr11	69489939	69490340	.	.	.	.	.	.
chr11	71639515	71639916	.	.	.	.	.	.
chr11	71791563	71791964	.	.	.	.	.	.
chr11	71823513	71823914	.	.	.	.	.	.
chr11	72145457	72145858	chr11	72145851	72146154	AluSx1	SINE	Alu
chr11	72433176	72433577	chr11	72433196	72433241	(GA)n	Simple_repeat	Simple_repeat
chr11	72433176	72433577	chr11	72433241	72433295	(TG)n	Simple_repeat	Simple_repeat
chr11	72504943	72505344	.	.	.	.	.	.
chr11	73309433	73309834	chr11	73309555	73309616	(TC)n	Simple_repeat	Simple_repeat
chr11	73358372	73358773	.	.	.	.	.	.
chr11	73498957	73499358	chr11	73499301	73499383	MIR3	SINE	MIR
chr11	73661827	73662228	.	.	.	.	.	.
chr11	73881856	73882257	.	.	.	.	.	.
chr11	74109658	74110059	.	.	.	.	.	.
chr11	74303390	74303791	chr11	74303252	74303479	MER44A	DNA	TcMar-Tigger
chr11	74660036	74660437	.	.	.	.	.	.
chr11	75110283	75110684	chr11	75110251	75110398	MIR3	SINE	MIR
chr11	76091981	76092382	chr11	76091935	76092020	GC_rich	Low_complexity	Low_complexity
chr11	76155764	76156165	.	.	.	.	.	.
chr11	77348663	77349064	chr11	77349049	77349602	LTR8	LTR	ERV1
chr11	77531690	77532091	chr11	77531732	77531758	(CCG)n	Simple_repeat	Simple_repeat
chr11	77705940	77706341	.	.	.	.	.	.
chr11	77790752	77791153	.	.	.	.	.	.
chr11	77899581	77899982	.	.	.	.	.	.
chr11	82782822	82783223	.	.	.	.	.	.
chr11	82996902	82997303	.	.	.	.	.	.
chr11	85339418	85339819	.	.	.	.	.	.
chr11	86012992	86013393	chr11	86012849	86013059	MIRc	SINE	MIR
chr11	93394557	93394958	chr11	93394269	93394611	AluJb	SINE	Alu
chr11	93517289	93517690	.	.	.	.	.	.
chr11	94706524	94706925	.	.	.	.	.	.
chr11	95657054	95657455	.	.	.	.	.	.
chr11	105892962	105893363	.	.	.	.	.	.
chr11	107436268	107436669	.	.	.	.	.	.
chr11	111957411	111957812	.	.	.	.	.	.
chr11	113644334	113644735	.	.	.	.	.	.
chr11	113746442	113746843	.	.	.	.	.	.
chr11	114309926	114310327	.	.	.	.	.	.
chr11	117186805	117187206	chr11	117186840	117186865	GC_rich	Low_complexity	Low_complexity
chr11	117186805	117187206	chr11	117187189	117187468	L2b	LINE	L2
chr11	117198289	117198690	chr11	117198184	117198317	AluSx	SINE	Alu
chr11	118868650	118869051	.	.	.	.	.	.
chr11	118888893	118889294	.	.	.	.	.	.
chr11	120894573	120894974	.	.	.	.	.	.
chr11	125439053	125439454	.	.	.	.	.	.
chr11	125772935	125773336	.	.	.	.	.	.
chr11	130786193	130786594	.	.	.	.	.	.
chr11	134123140	134123541	.	.	.	.	.	.
chr12	498619	499020	chr12	498714	498756	(CGAGG)n	Simple_repeat	Simple_repeat
chr12	510452	510853	.	.	.	.	.	.
chr12	861353	861754	chr12	861365	861407	polypyrimidi	Low_complexity	Low_complexity
chr12	1058669	1059070	.	.	.	.	.	.
chr12	1099967	1100368	chr12	1100100	1100133	(TG)n	Simple_repeat	Simple_repeat
chr12	1099967	1100368	chr12	1100231	1100259	GC_rich	Low_complexity	Low_complexity
chr12	1099967	1100368	chr12	1100305	1100351	GC_rich	Low_complexity	Low_complexity
chr12	1799842	1800243	chr12	1800161	1800228	(CGG)n	Simple_repeat	Simple_repeat
chr12	2904883	2905284	chr12	2905026	2905075	GC_rich	Low_complexity	Low_complexity

chr12	4758107	4758508	.	.	.	.	.	.
chr12	6602203	6602604	.	.	.	.	.	.
chr12	6641548	6641949	chr12	6641360	6641576	MER20	DNA	hAT-Charlie
chr12	6772210	6772611	.	.	.	.	.	.
chr12	6798374	6798775	.	.	.	.	.	.
chr12	6961454	6961855	.	.	.	.	.	.
chr12	9102423	9102824	.	.	.	.	.	.
chr12	9217379	9217780	chr12	9217739	9217769	(C)n	Simple_repeat	Simple_repeat
chr12	9217379	9217780	chr12	9217769	9219265	MER52D	LTR	ERV1
chr12	11323977	11324378	.	.	.	.	.	.
chr12	12419868	12420269	.	.	.	.	.	.
chr12	12764525	12764926	.	.	.	.	.	.
chr12	12966061	12966462	.	.	.	.	.	.
chr12	13197111	13197512	chr12	13197068	13197165	MIRb	SINE	MIR
chr12	22198925	22199326	chr12	22199102	22199144	GC_rich	Low_complexity	Low_complexity
chr12	22777897	22778298	.	.	.	.	.	.
chr12	26111150	26111551	chr12	26111421	26111461	GC_rich	Low_complexity	Low_complexity
chr12	26111150	26111551	chr12	26111483	26111515	GC_rich	Low_complexity	Low_complexity
chr12	31811929	31812330	chr12	31811889	31811953	L2a	LINE	L2
chr12	31811929	31812330	chr12	31812113	31812167	GC_rich	Low_complexity	Low_complexity
chr12	31881956	31882357	.	.	.	.	.	.
chr12	32831910	32832311	.	.	.	.	.	.
chr12	32908616	32909017	chr12	32908991	32909118	MIR	SINE	MIR
chr12	34175184	34175585	chr12	34175185	34175215	(T)n	Simple_repeat	Simple_repeat
chr12	38710327	38710728	.	.	.	.	.	.
chr12	46384436	46384837	.	.	.	.	.	.
chr12	46663035	46663436	.	.	.	.	.	.
chr12	48099634	48100035	.	.	.	.	.	.
chr12	48499853	48500254	.	.	.	.	.	.
chr12	48551072	48551473	.	.	.	.	.	.
chr12	49110465	49110866	.	.	.	.	.	.
chr12	49245821	49246222	.	.	.	.	.	.
chr12	49449748	49450149	.	.	.	.	.	.
chr12	49961712	49962113	.	.	.	.	.	.
chr12	50135191	50135592	.	.	.	.	.	.
chr12	50505490	50505891	.	.	.	.	.	.
chr12	50794387	50794788	.	.	.	.	.	.
chr12	51441936	51442337	.	.	.	.	.	.
chr12	51477254	51477655	.	.	.	.	.	.
chr12	53574260	53574661	chr12	53574261	53574302	GC_rich	Low_complexity	Low_complexity
chr12	53661806	53662207	.	.	.	.	.	.
chr12	53693300	53693701	.	.	.	.	.	.
chr12	53834882	53835283	chr12	53834780	53835035	L2	LINE	L2
chr12	53834882	53835283	chr12	53835136	53835284	L2c	LINE	L2
chr12	53845565	53845966	chr12	53845934	53845989	(CCCG)n	Simple_repeat	Simple_repeat
chr12	53895126	53895527	.	.	.	.	.	.
chr12	54121199	54121600	chr12	54121569	54121804	MIRc	SINE	MIR
chr12	54582703	54583104	.	.	.	.	.	.
chr12	56223238	56223639	chr12	56222948	56223260	AluSg	SINE	Alu
chr12	56435508	56435909	.	.	.	.	.	.
chr12	56498062	56498463	chr12	56498343	56498423	(CTCG)n	Simple_repeat	Simple_repeat
chr12	56509947	56510348	chr12	56509922	56510018	(GAAA)n	Simple_repeat	Simple_repeat
chr12	56511754	56512155	.	.	.	.	.	.
chr12	56546126	56546527	chr12	56546465	56546507	(TG)n	Simple_repeat	Simple_repeat
chr12	56660419	56660820	chr12	56660068	56660428	MLT2A2	LTR	ERVL
chr12	56709954	56710355	chr12	56710333	56710616	AluSg7	SINE	Alu
chr12	56727389	56727790	.	.	.	.	.	.
chr12	57081741	57082142	.	.	.	.	.	.
chr12	57118932	57119333	.	.	.	.	.	.
chr12	57146025	57146426	.	.	.	.	.	.
chr12	57623210	57623611	.	.	.	.	.	.
chr12	57881610	57882011	chr12	57881349	57881657	AluSx	SINE	Alu
chr12	57916439	57916840	chr12	57916461	57916484	GC_rich	Low_complexity	Low_complexity
chr12	57916439	57916840	chr12	57916495	57916567	(CGG)n	Simple_repeat	Simple_repeat
chr12	57916439	57916840	chr12	57916812	57916973	C-rich	Low_complexity	Low_complexity
chr12	57940869	57941270	.	.	.	.	.	.
chr12	58329755	58330156	.	.	.	.	.	.
chr12	62653921	62654322	.	.	.	.	.	.
chr12	62860403	62860804	.	.	.	.	.	.
chr12	64797850	64798251	chr12	64798189	64798213	GC_rich	Low_complexity	Low_complexity
chr12	64797850	64798251	chr12	64798246	64798279	(CGG)n	Simple_repeat	Simple_repeat
chr12	65672251	65672652	chr12	65672225	65672336	GA-rich	Low_complexity	Low_complexity
chr12	65672251	65672652	chr12	65672341	65672389	GC_rich	Low_complexity	Low_complexity
chr12	65672251	65672652	chr12	65672576	65672616	(TCTCCC)n	Simple_repeat	Simple_repeat
chr12	66524340	66524741	.	.	.	.	.	.
chr12	66562966	66563367	.	.	.	.	.	.
chr12	67662439	67662840	.	.	.	.	.	.
chr12	69080529	69080930	.	.	.	.	.	.
chr12	69864001	69864402	.	.	.	.	.	.
chr12	70637003	70637404	chr12	70637293	70637316	GC_rich	Low_complexity	Low_complexity
chr12	75905352	75905753	chr12	75905734	75905806	L2c	LINE	L2
chr12	77157855	77158256	.	.	.	.	.	.
chr12	88429048	88429449	.	.	.	.	.	.
chr12	88535815	88536216	.	.	.	.	.	.
chr12	93835568	93835969	.	.	.	.	.	.
chr12	93861066	93861467	chr12	93860788	93861071	AluJr	SINE	Alu
chr12	94656064	94656465	chr12	94655980	94656181	MIR3	SINE	MIR
chr12	95467135	95467536	.	.	.	.	.	.
chr12	95611305	95611706	.	.	.	.	.	.
chr12	95867642	95868043	.	.	.	.	.	.
chr12	96252528	96252929	.	.	.	.	.	.
chr12	96429274	96429675	.	.	.	.	.	.
chr12	99038544	99038945	.	.	.	.	.	.
chr12	102455720	102456121	.	.	.	.	.	.
chr12	102513711	102514112	.	.	.	.	.	.
chr12	104323339	104323740	.	.	.	.	.	.
chr12	104350813	104351214	.	.	.	.	.	.
chr12	104359324	104359725	.	.	.	.	.	.
chr12	104458129	104458530	.	.	.	.	.	.
chr12	105501216	105501617	.	.	.	.	.	.
chr12	106639548	106639949	chr12	106639366	106639672	AluSx	SINE	Alu
chr12	107167774	107168175	.	.	.	.	.	.
chr12	109490141	109490542	chr12	109490426	109490459	(CGG)n	Simple_repeat	Simple_repeat
chr12	109531073	109531474	.	.	.	.	.	.
chr12	109915067	109915468	.	.	.	.	.	.

chr12	110151157	110151558	chr12	110151184	110151288	MIRb	SINE	MIR
chr12	111021055	111021456	chr12	111021084	111021105	GC_rich	Low_complexity	Low_complexity
chr12	111051724	111052125	.	.	.	.	.	.
chr12	112123639	112124040	.	.	.	.	.	.
chr12	112820133	112820534	chr12	112820131	112820164	(CCG)n	Simple_repeat	Simple_repeat
chr12	112847237	112847638	chr12	112847532	112847828	AluSx	SINE	Alu
chr12	117175668	117176069	chr12	117175719	117175742	GC_rich	Low_complexity	Low_complexity
chr12	117175668	117176069	chr12	117175809	117175830	GC_rich	Low_complexity	Low_complexity
chr12	118814061	118814462	.	.	.	.	.	.
chr12	120632332	120632733	.	.	.	.	.	.
chr12	120739956	120740357	chr12	120739891	120739957	L1MA3	LINE	L1
chr12	120907329	120907730	chr12	120907371	120907464	(CCG)n	Simple_repeat	Simple_repeat
chr12	120933518	120933919	chr12	120933730	120933783	LTR71B	LTR	ERV1
chr12	120971916	120972317	chr12	120972033	120972067	(CAAA)n	Simple_repeat	Simple_repeat
chr12	120971916	120972317	chr12	120972297	120972319	GC_rich	Low_complexity	Low_complexity
chr12	121454151	121454552	chr12	121454465	121454589	MIR3	SINE	MIR
chr12	121790129	121790530	.	.	.	.	.	.
chr12	122326325	122326726	chr12	122326411	122326463	L2c	LINE	L2
chr12	122985404	122985805	chr12	122985739	122986030	AluJr	SINE	Alu
chr12	123011314	123011715	.	.	.	.	.	.
chr12	123868132	123868533	chr12	123867846	123868159	AluSp	SINE	Alu
chr12	124086398	124086799	.	.	.	.	.	.
chr12	124457109	124457510	chr12	124457130	124457227	GC_rich	Low_complexity	Low_complexity
chr12	124457109	124457510	chr12	124457305	124457371	GC_rich	Low_complexity	Low_complexity
chr12	133405331	133405732	.	.	.	.	.	.
chr12	133532718	133533119	chr12	133533114	133533291	AluJo	SINE	Alu
chr12	133562662	133563063	.	.	.	.	.	.
chr12	133613683	133614084	chr12	133613425	133613715	AluSx1	SINE	Alu
chr12	133656646	133657047	.	.	.	.	.	.
chr12	133706695	133707096	.	.	.	.	.	.
chr12	133757851	133758252	chr12	133757762	133757906	L1MEg	LINE	L1
chr13	21141181	21141582	chr13	21141177	21141271	C-rich	Low_complexity	Low_complexity
chr13	21476698	21477099	chr13	21477067	21477115	GC_rich	Low_complexity	Low_complexity
chr13	21750575	21750976	.	.	.	.	.	.
chr13	25496882	25497283	.	.	.	.	.	.
chr13	25875438	25875839	.	.	.	.	.	.
chr13	26796287	26796688	.	.	.	.	.	.
chr13	26827858	26828259	.	.	.	.	.	.
chr13	28712114	28712515	.	.	.	.	.	.
chr13	30424653	30425054	chr13	30424715	30424739	(CGG)n	Simple_repeat	Simple_repeat
chr13	30881084	30881485	.	.	.	.	.	.
chr13	31191780	31192181	.	.	.	.	.	.
chr13	31736322	31736723	.	.	.	.	.	.
chr13	33112798	33113199	.	.	.	.	.	.
chr13	41345177	41345578	.	.	.	.	.	.
chr13	41706798	41707199	.	.	.	.	.	.
chr13	41768532	41768933	chr13	41768887	41768988	AluJb	SINE	Alu
chr13	41837517	41837918	.	.	.	.	.	.
chr13	46038802	46039203	chr13	46039152	46039214	(CGG)n	Simple_repeat	Simple_repeat
chr13	47371266	47371667	.	.	.	.	.	.
chr13	50366894	50367295	.	.	.	.	.	.
chr13	50656012	50656413	.	.	.	.	.	.
chr13	52157806	52158207	.	.	.	.	.	.
chr13	53226723	53227124	chr13	53226990	53227074	(CGG)n	Simple_repeat	Simple_repeat
chr13	79980187	79980588	.	.	.	.	.	.
chr13	92001073	92001474	chr13	92001201	92001272	GC_rich	Low_complexity	Low_complexity
chr13	98085955	98086356	chr13	98086249	98086338	GC_rich	Low_complexity	Low_complexity
chr13	98085955	98086356	chr13	98086354	98086379	(CGG)n	Simple_repeat	Simple_repeat
chr13	100153367	100153768	.	.	.	.	.	.
chr13	101240891	101241292	chr13	101241070	101241092	GC_rich	Low_complexity	Low_complexity
chr13	103046726	103047127	.	.	.	.	.	.
chr13	103426028	103426429	chr13	103426148	103426191	GC_rich	Low_complexity	Low_complexity
chr13	103451241	103451642	.	.	.	.	.	.
chr13	107220275	107220676	.	.	.	.	.	.
chr13	111267718	111268119	.	.	.	.	.	.
chr13	111365090	111365491	.	.	.	.	.	.
chr13	111521975	111522376	.	.	.	.	.	.
chr13	111566850	111567251	chr13	111566861	111566892	GC_rich	Low_complexity	Low_complexity
chr13	113242279	113242680	.	.	.	.	.	.
chr13	113343958	113344359	chr13	113344180	113344280	G-rich	Low_complexity	Low_complexity
chr13	113862762	113863163	chr13	113863036	113863059	GC_rich	Low_complexity	Low_complexity
chr13	113951250	113951651	.	.	.	.	.	.
chr13	114103454	114103855	.	.	.	.	.	.
chr13	114144954	114145355	.	.	.	.	.	.
chr13	115079728	115080129	chr13	115079743	115079765	GC_rich	Low_complexity	Low_complexity
chr14	20811435	20811836	.	.	.	.	.	.
chr14	21457925	21458326	chr14	21457885	21457929	(CCCCG)n	Simple_repeat	Simple_repeat
chr14	21571625	21572026	.	.	.	.	.	.
chr14	23398650	23399051	chr14	23398909	23398982	tRNA-Arg-CG	tRNA	tRNA
chr14	23540555	23540956	.	.	.	.	.	.
chr14	23564572	23564973	.	.	.	.	.	.
chr14	23789962	23790363	.	.	.	.	.	.
chr14	24020837	24021238	chr14	24020861	24020935	(TCC)n	Simple_repeat	Simple_repeat
chr14	24025032	24025433	.	.	.	.	.	.
chr14	24657969	24658370	.	.	.	.	.	.
chr14	24701612	24702013	.	.	.	.	.	.
chr14	24911906	24912307	.	.	.	.	.	.
chr14	31091258	31091659	chr14	31091547	31091582	(CAG)n	Simple_repeat	Simple_repeat
chr14	31495506	31495907	.	.	.	.	.	.
chr14	32030429	32030830	chr14	32030275	32030481	MIRc	SINE	MIR
chr14	35183621	35184022	.	.	.	.	.	.
chr14	35451931	35452332	.	.	.	.	.	.
chr14	35591510	35591911	.	.	.	.	.	.
chr14	35761403	35761804	.	.	.	.	.	.
chr14	36295221	36295622	.	.	.	.	.	.
chr14	37641090	37641491	.	.	.	.	.	.
chr14	45431118	45431519	.	.	.	.	.	.
chr14	45722518	45722919	.	.	.	.	.	.
chr14	50052902	50053303	chr14	50053297	50053597	7SLRNA	srpRNA	srpRNA
chr14	50100999	50101400	chr14	50101150	50101171	GC_rich	Low_complexity	Low_complexity
chr14	51134925	51135326	.	.	.	.	.	.
chr14	53173785	53174186	.	.	.	.	.	.
chr14	54907904	54908305	chr14	54907870	54907911	GC_rich	Low_complexity	Low_complexity
chr14	54907904	54908305	chr14	54908290	54908784	L2c	LINE	L2
chr14	55878377	55878778	.	.	.	.	.	.

chr14	58711313	58711714	chr14	58711287	58711316	AT_rich	Low_complexity	Low_complexity
chr14	59655112	59655513	.	.	.	.	.	.
chr14	60558598	60558999	.	.	.	.	.	.
chr14	64108998	64109399	.	.	.	.	.	.
chr14	64970153	64970554	.	.	.	.	.	.
chr14	65453686	65454087	.	.	.	.	.	.
chr14	65569084	65569485	chr14	65569094	65569126	(AGGGGG)n	Simple_repeat	Simple_repeat
chr14	65569084	65569485	chr14	65569155	65569206	(CTCA)n	Simple_repeat	Simple_repeat
chr14	65569084	65569485	chr14	65569443	65569475	(G)n	Simple_repeat	Simple_repeat
chr14	68141381	68141782	chr14	68141589	68141622	GC_rich	Low_complexity	Low_complexity
chr14	68162330	68162731	.	.	.	.	.	.
chr14	68286246	68286647	chr14	68285962	68286274	AluY	SINE	Alu
chr14	69658050	69658451	.	.	.	.	.	.
chr14	69865178	69865579	.	.	.	.	.	.
chr14	70826273	70826674	.	.	.	.	.	.
chr14	70883622	70884023	chr14	70883994	70884623	MER67C	LTR	ERV1
chr14	73493798	73494199	.	.	.	.	.	.
chr14	73525034	73525435	.	.	.	.	.	.
chr14	73957519	73957920	chr14	73957679	73957702	GC_rich	Low_complexity	Low_complexity
chr14	74111415	74111816	.	.	.	.	.	.
chr14	75179609	75180010	.	.	.	.	.	.
chr14	75469434	75469835	.	.	.	.	.	.
chr14	75530382	75530783	.	.	.	.	.	.
chr14	75593574	75593975	.	.	.	.	.	.
chr14	75643170	75643571	.	.	.	.	.	.
chr14	77787105	77787506	chr14	77787168	77787292	(CGGGG)n	Simple_repeat	Simple_repeat
chr14	77923831	77924232	.	.	.	.	.	.
chr14	78174183	78174584	.	.	.	.	.	.
chr14	78227380	78227781	.	.	.	.	.	.
chr14	78266196	78266597	.	.	.	.	.	.
chr14	82000281	82000682	.	.	.	.	.	.
chr14	90797875	90798276	chr14	90797858	90797908	MIRc	SINE	MIR
chr14	90863087	90863488	chr14	90863467	90863492	(CAG)n	Simple_repeat	Simple_repeat
chr14	92506283	92506684	.	.	.	.	.	.
chr14	93214909	93215310	chr14	93215255	93215309	MER5B	DNA	hAT-Charlie
chr14	95623798	95624199	.	.	.	.	.	.
chr14	96000797	96001198	.	.	.	.	.	.
chr14	96968435	96968836	.	.	.	.	.	.
chr14	97263382	97263783	.	.	.	.	.	.
chr14	98444268	98444669	.	.	.	.	.	.
chr14	102430546	102430947	chr14	102430573	102430631	L2b	LINE	L2
chr14	102430546	102430947	chr14	102430761	102430795	GC_rich	Low_complexity	Low_complexity
chr14	102430546	102430947	chr14	102430828	102430862	GC_rich	Low_complexity	Low_complexity
chr14	102553767	102554168	chr14	102554102	102554186	CR1_Mam	LINE	CR1
chr14	102829163	102829564	.	.	.	.	.	.
chr14	103800130	103800531	.	.	.	.	.	.
chr14	103995247	103995648	chr14	103995177	103995320	FLAM_C	SINE	Alu
chr14	104095284	104095685	chr14	104095456	104095522	(CGGGG)n	Simple_repeat	Simple_repeat
chr14	104387714	104388115	chr14	104388046	104388159	MER81	DNA	hAT-Blackjack
chr14	104394423	104394824	chr14	104394641	104394665	GC_rich	Low_complexity	Low_complexity
chr14	105487531	105487932	chr14	105487626	105487670	(CCCCCG)n	Simple_repeat	Simple_repeat
chr15	25684007	25684408	chr15	25684201	25684223	GC_rich	Low_complexity	Low_complexity
chr15	31195894	31196295	.	.	.	.	.	.
chr15	34393890	34394291	.	.	.	.	.	.
chr15	34502035	34502436	chr15	34501985	34502051	GC_rich	Low_complexity	Low_complexity
chr15	34502035	34502436	chr15	34502265	34502291	GC_rich	Low_complexity	Low_complexity
chr15	34630137	34630538	.	.	.	.	.	.
chr15	35261806	35262207	.	.	.	.	.	.
chr15	35280363	35280764	.	.	.	.	.	.
chr15	36871332	36871733	.	.	.	.	.	.
chr15	38746159	38746560	chr15	38746130	38746179	AT_rich	Low_complexity	Low_complexity
chr15	40452969	40453370	.	.	.	.	.	.
chr15	40986742	40987143	chr15	40987101	40987186	FAM	SINE	Alu
chr15	41099512	41099913	chr15	41099900	41099938	G-rich	Low_complexity	Low_complexity
chr15	41408694	41409095	.	.	.	.	.	.
chr15	41694497	41694898	.	.	.	.	.	.
chr15	41836259	41836660	chr15	41836645	41836947	AluSx1	SINE	Alu
chr15	43213065	43213466	.	.	.	.	.	.
chr15	44067609	44068010	.	.	.	.	.	.
chr15	44093020	44093421	chr15	44093173	44093266	L1ME5	LINE	L1
chr15	44116749	44117150	.	.	.	.	.	.
chr15	45694271	45694672	.	.	.	.	.	.
chr15	48623458	48623859	.	.	.	.	.	.
chr15	49447650	49448051	chr15	49447645	49447667	GC_rich	Low_complexity	Low_complexity
chr15	49913027	49913428	.	.	.	.	.	.
chr15	50647167	50647568	.	.	.	.	.	.
chr15	50716392	50716793	.	.	.	.	.	.
chr15	52043541	52043942	chr15	52043754	52043785	GC_rich	Low_complexity	Low_complexity
chr15	52121605	52122006	.	.	.	.	.	.
chr15	52821151	52821552	chr15	52821102	52821162	(CGGGG)n	Simple_repeat	Simple_repeat
chr15	52821151	52821552	chr15	52821256	52821329	(CCG)n	Simple_repeat	Simple_repeat
chr15	52861208	52861609	.	.	.	.	.	.
chr15	55488910	55489311	.	.	.	.	.	.
chr15	55700375	55700776	.	.	.	.	.	.
chr15	57025624	57026025	chr15	57025627	57025651	GC_rich	Low_complexity	Low_complexity
chr15	57025624	57026025	chr15	57025689	57025725	(GGA)n	Simple_repeat	Simple_repeat
chr15	59949533	59949934	.	.	.	.	.	.
chr15	59981290	59981691	chr15	59981563	59981611	(CGG)n	Simple_repeat	Simple_repeat
chr15	63481417	63481818	.	.	.	.	.	.
chr15	64386014	64386415	.	.	.	.	.	.
chr15	64455331	64455732	.	.	.	.	.	.
chr15	64648229	64648630	chr15	64648291	64648347	G-rich	Low_complexity	Low_complexity
chr15	64679830	64680231	.	.	.	.	.	.
chr15	64995403	64995804	chr15	64995425	64995464	(CCG)n	Simple_repeat	Simple_repeat
chr15	65477788	65478189	.	.	.	.	.	.
chr15	65809817	65810218	.	.	.	.	.	.
chr15	65903256	65903657	.	.	.	.	.	.
chr15	66161537	66161938	chr15	66161732	66161753	GC_rich	Low_complexity	Low_complexity
chr15	67834747	67835148	chr15	67834873	67834895	GC_rich	Low_complexity	Low_complexity
chr15	67834747	67835148	chr15	67835059	67835096	(CCG)n	Simple_repeat	Simple_repeat
chr15	68569436	68569837	chr15	68569392	68569469	L2a	LINE	L2
chr15	69744174	69744575	chr15	69744493	69744688	MIRb	SINE	MIR
chr15	72668227	72668628	.	.	.	.	.	.
chr15	74611018	74611419	.	.	.	.	.	.
chr15	74753347	74753748	chr15	74753217	74753364	MIRb	SINE	MIR

chr15	74908096	74908497	chr15	74908259	74908285	(CGG)n	Simple_repeat	Simple_repeat
chr15	75182167	75182568	chr15	75181678	75182250	L2a	LINE	L2
chr15	75315653	75316054	chr15	75315646	75315669	(A)n	Simple_repeat	Simple_repeat
chr15	75639716	75640117	.	.	.	.	.	.
chr15	75918057	75918458	.	.	.	.	.	.
chr15	77712847	77713248	.	.	.	.	.	.
chr15	78369927	78370328	chr15	78369908	78370079	C-rich	Low_complexity	Low_complexity
chr15	78369927	78370328	chr15	78370130	78370153	GC_rich	Low_complexity	Low_complexity
chr15	78369927	78370328	chr15	78370248	78370367	L1ME2z	LINE	L1
chr15	79164946	79165347	chr15	79165058	79165097	GC_rich	Low_complexity	Low_complexity
chr15	79164946	79165347	chr15	79165133	79165170	GC_rich	Low_complexity	Low_complexity
chr15	82554867	82555268	chr15	82555046	82555074	GC_rich	Low_complexity	Low_complexity
chr15	85143927	85144328	chr15	85143883	85143982	MIR3	SINE	MIR
chr15	85174432	85174833	.	.	.	.	.	.
chr15	85259203	85259604	.	.	.	.	.	.
chr15	89010413	89010814	.	.	.	.	.	.
chr15	89877933	89878334	chr15	89878303	89878376	tRNA-Arg-CG	tRNA	tRNA
chr15	90437095	90437496	.	.	.	.	.	.
chr15	90895180	90895581	.	.	.	.	.	.
chr15	93447294	93447695	chr15	93447518	93447541	GC_rich	Low_complexity	Low_complexity
chr15	100273201	100273602	.	.	.	.	.	.
chr15	101142648	101143049	.	.	.	.	.	.
chr15	101835247	101835648	.	.	.	.	.	.
chr15	102192513	102192914	chr15	102192585	102192609	GC_rich	Low_complexity	Low_complexity
chr16	279287	279688	chr16	279682	279815	MIR	SINE	MIR
chr16	577411	577812	chr16	577734	577785	GC_rich	Low_complexity	Low_complexity
chr16	577411	577812	chr16	577806	577865	GC_rich	Low_complexity	Low_complexity
chr16	686227	686628	.	.	.	.	.	.
chr16	734161	734562	chr16	734118	734256	C-rich	Low_complexity	Low_complexity
chr16	1401692	1402093	.	.	.	.	.	.
chr16	1524941	1525342	.	.	.	.	.	.
chr16	2009290	2009691	chr16	2009282	2009394	L2a	LINE	L2
chr16	2009290	2009691	chr16	2009420	2009474	GC_rich	Low_complexity	Low_complexity
chr16	2021826	2022227	.	.	.	.	.	.
chr16	2034006	2034407	chr16	2033987	2034113	C-rich	Low_complexity	Low_complexity
chr16	2034006	2034407	chr16	2034317	2034342	GC_rich	Low_complexity	Low_complexity
chr16	2097682	2098083	chr16	2098032	2098067	GC_rich	Low_complexity	Low_complexity
chr16	2205488	2205889	chr16	2205825	2205860	GC_rich	Low_complexity	Low_complexity
chr16	2255819	2256220	chr16	2255831	2255973	MIRc	SINE	MIR
chr16	2653229	2653630	.	.	.	.	.	.
chr16	2732315	2732716	chr16	2732577	2732619	GC_rich	Low_complexity	Low_complexity
chr16	2802169	2802570	.	.	.	.	.	.
chr16	2827196	2827597	chr16	2827187	2827373	(CCCCG)n	Simple_repeat	Simple_repeat
chr16	3074113	3074514	.	.	.	.	.	.
chr16	3162341	3162742	.	.	.	.	.	.
chr16	3184759	3185160	chr16	3185099	3185140	(CGGGGG)n	Simple_repeat	Simple_repeat
chr16	3285149	3285550	chr16	3285518	3285929	C-rich	Low_complexity	Low_complexity
chr16	3314385	3314786	.	.	.	.	.	.
chr16	3332712	3333113	chr16	3333095	3333220	MER5A	DNA	hAT-Charlie
chr16	3450867	3451268	.	.	.	.	.	.
chr16	4321716	4322117	chr16	4321999	4322020	GC_rich	Low_complexity	Low_complexity
chr16	4321716	4322117	chr16	4322039	4322078	GC_rich	Low_complexity	Low_complexity
chr16	4475365	4475766	.	.	.	.	.	.
chr16	4588430	4588831	chr16	4588562	4588594	GC_rich	Low_complexity	Low_complexity
chr16	4664754	4665155	chr16	4664975	4665006	GC_rich	Low_complexity	Low_complexity
chr16	4674520	4674921	.	.	.	.	.	.
chr16	4784102	4784503	.	.	.	.	.	.
chr16	4817058	4817459	chr16	4817412	4817449	MLT1D	LTR	ERVL-MaLR
chr16	4817058	4817459	chr16	4817449	4817717	AluSp	SINE	Alu
chr16	4818688	4819089	chr16	4819034	4819113	MIRb	SINE	MIR
chr16	4897115	4897516	.	.	.	.	.	.
chr16	8891417	8891818	.	.	.	.	.	.
chr16	9183837	9184238	chr16	9183784	9184125	L2a	LINE	L2
chr16	11038147	11038548	.	.	.	.	.	.
chr16	11679548	11679949	.	.	.	.	.	.
chr16	12009775	12010176	.	.	.	.	.	.
chr16	12070286	12070687	chr16	12070548	12070574	GC_rich	Low_complexity	Low_complexity
chr16	12070286	12070687	chr16	12070600	12070648	(CGG)n	Simple_repeat	Simple_repeat
chr16	14013865	14014266	.	.	.	.	.	.
chr16	15149887	15150288	chr16	15149882	15149952	(CCCCG)n	Simple_repeat	Simple_repeat
chr16	15736941	15737342	chr16	15736869	15737028	C-rich	Low_complexity	Low_complexity
chr16	15736941	15737342	chr16	15737119	15737147	GC_rich	Low_complexity	Low_complexity
chr16	15981911	15982312	chr16	15981682	15981950	AluJr	SINE	Alu
chr16	15981911	15982312	chr16	15981965	15982044	MIRb	SINE	MIR
chr16	18801474	18801875	chr16	18801872	18802161	AluSc	SINE	Alu
chr16	18812717	18813118	.	.	.	.	.	.
chr16	18937597	18937998	.	.	.	.	.	.
chr16	19534934	19535335	.	.	.	.	.	.
chr16	19729345	19729746	.	.	.	.	.	.
chr16	20817543	20817944	.	.	.	.	.	.
chr16	21513419	21513820	.	.	.	.	.	.
chr16	21964504	21964905	.	.	.	.	.	.
chr16	22019151	22019552	chr16	22019443	22019555	GC_rich	Low_complexity	Low_complexity
chr16	22308487	22308888	chr16	22308460	22308542	tRNA-Leu-CT	tRNA	tRNA
chr16	22448174	22448575	chr16	22448562	22448622	CT-rich	Low_complexity	Low_complexity
chr16	23160658	23161059	chr16	23160615	23160661	GC_rich	Low_complexity	Low_complexity
chr16	23160658	23161059	chr16	23160740	23160775	GC_rich	Low_complexity	Low_complexity
chr16	23160658	23161059	chr16	23160808	23160830	GC_rich	Low_complexity	Low_complexity
chr16	23568807	23569208	chr16	23569094	23569125	GC_rich	Low_complexity	Low_complexity
chr16	23607413	23607814	.	.	.	.	.	.
chr16	23652548	23652949	.	.	.	.	.	.
chr16	23689882	23690283	.	.	.	.	.	.
chr16	24740638	24741039	chr16	24740622	24740642	(T)n	Simple_repeat	Simple_repeat
chr16	24740638	24741039	chr16	24740989	24741044	(CGG)n	Simple_repeat	Simple_repeat
chr16	25042644	25043045	chr16	25042654	25042726	MIRb	SINE	MIR
chr16	25122727	25123128	.	.	.	.	.	.
chr16	25268839	25269240	chr16	25269202	25269265	GC_rich	Low_complexity	Low_complexity
chr16	28565026	28565427	chr16	28565040	28565062	(TTTA)n	Simple_repeat	Simple_repeat
chr16	28857708	28858109	.	.	.	.	.	.
chr16	28874577	28874978	chr16	28874569	28874615	C-rich	Low_complexity	Low_complexity
chr16	28891054	28891455	.	.	.	.	.	.
chr16	28961785	28962186	chr16	28961637	28961906	AluSz	SINE	Alu
chr16	30007277	30007678	.	.	.	.	.	.
chr16	30103107	30103508	.	.	.	.	.	.
chr16	30198333	30198734	.	.	.	.	.	.

chr16	30366401	30366802	.	.	.	.	.	.
chr16	30546055	30546456	.	.	.	.	.	.
chr16	30569531	30569932	.	.	.	.	.	.
chr16	30596860	30597261	chr16	30596901	30596930	GC_rich	Low_complexity	Low_complexity
chr16	30709193	30709594	chr16	30709505	30709533	(TGG)n	Simple_repeat	Simple_repeat
chr16	30797807	30798208	chr16	30797923	30797947	GC_rich	Low_complexity	Low_complexity
chr16	30797807	30798208	chr16	30798141	30798226	C-rich	Low_complexity	Low_complexity
chr16	30908313	30908714	.	.	.	.	.	.
chr16	30933750	30934151	.	.	.	.	.	.
chr16	31045514	31045915	chr16	31045867	31046036	MIR3	SINE	MIR
chr16	31085430	31085831	chr16	31085809	31085870	C-rich	Low_complexity	Low_complexity
chr16	31106082	31106483	chr16	31106370	31106675	AluSx	SINE	Alu
chr16	31119475	31119876	.	.	.	.	.	.
chr16	31128789	31129190	.	.	.	.	.	.
chr16	31453964	31454365	.	.	.	.	.	.
chr16	31470491	31470892	.	.	.	.	.	.
chr16	33963043	33963444	chr16	33962496	33964361	SSU-rRNA_H	rRNA	rRNA
chr16	46917960	46918361	chr16	46918263	46918295	GC_rich	Low_complexity	Low_complexity
chr16	47007423	47007824	.	.	.	.	.	.
chr16	53468102	53468503	chr16	53468357	53468399	GC_rich	Low_complexity	Low_complexity
chr16	53737693	53738094	.	.	.	.	.	.
chr16	54963033	54963434	.	.	.	.	.	.
chr16	56485215	56485616	.	.	.	.	.	.
chr16	56763827	56764228	chr16	56763919	56763971	C-rich	Low_complexity	Low_complexity
chr16	57728511	57728912	chr16	57728411	57728544	FLAM_C	SINE	Alu
chr16	58426548	58426949	.	.	.	.	.	.
chr16	58718495	58718896	.	.	.	.	.	.
chr16	67260751	67261152	.	.	.	.	.	.
chr16	67313224	67313625	chr16	67313195	67313233	GC_rich	Low_complexity	Low_complexity
chr16	67313224	67313625	chr16	67313361	67313396	GC_rich	Low_complexity	Low_complexity
chr16	67596071	67596472	chr16	67596329	67596401	C-rich	Low_complexity	Low_complexity
chr16	67700500	67700901	chr16	67700398	67700577	C-rich	Low_complexity	Low_complexity
chr16	67840446	67840847	.	.	.	.	.	.
chr16	67875704	67876105	.	.	.	.	.	.
chr16	67880513	67880914	.	.	.	.	.	.
chr16	68118817	68119218	chr16	68119096	68119119	GC_rich	Low_complexity	Low_complexity
chr16	68344652	68345053	.	.	.	.	.	.
chr16	68482481	68482882	chr16	68482876	68482911	MIR3	SINE	MIR
chr16	68572915	68573316	.	.	.	.	.	.
chr16	69364324	69364725	.	.	.	.	.	.
chr16	69419746	69420147	chr16	69419758	69419794	GC_rich	Low_complexity	Low_complexity
chr16	69419746	69420147	chr16	69420113	69420423	AluSp	SINE	Alu
chr16	69458348	69458749	.	.	.	.	.	.
chr16	70285682	70286083	.	.	.	.	.	.
chr16	70473063	70473464	chr16	70473003	70473083	C-rich	Low_complexity	Low_complexity
chr16	70488190	70488591	.	.	.	.	.	.
chr16	72127638	72128039	.	.	.	.	.	.
chr16	74330478	74330879	.	.	.	.	.	.
chr16	75019013	75019414	chr16	75019372	75019656	AluSq2	SINE	Alu
chr16	75182116	75182517	.	.	.	.	.	.
chr16	75467292	75467693	chr16	75467576	75468022	MER82	DNA	TcMar-Tigger
chr16	75657040	75657441	chr16	75657418	75657541	AluSx	SINE	Alu
chr16	75681433	75681834	.	.	.	.	.	.
chr16	78133041	78133442	.	.	.	.	.	.
chr16	83841367	83841768	.	.	.	.	.	.
chr16	85045018	85045419	.	.	.	.	.	.
chr16	85833077	85833478	chr16	85833379	85833416	GC_rich	Low_complexity	Low_complexity
chr16	87984455	87984856	.	.	.	.	.	.
chr16	89387246	89387647	.	.	.	.	.	.
chr16	89626880	89627281	chr16	89627277	89627313	GC_rich	Low_complexity	Low_complexity
chr16	89753104	89753505	chr16	89753335	89753371	GC_rich	Low_complexity	Low_complexity
chr16	90039043	90039444	chr16	90039246	90039283	GC_rich	Low_complexity	Low_complexity
chr17	617967	618368	.	.	.	.	.	.
chr17	655248	655649	.	.	.	.	.	.
chr17	685379	685780	.	.	.	.	.	.
chr17	900078	900479	.	.	.	.	.	.
chr17	1359411	1359812	chr17	1359439	1359483	GC_rich	Low_complexity	Low_complexity
chr17	1419969	1420370	.	.	.	.	.	.
chr17	1619665	1620066	.	.	.	.	.	.
chr17	1732967	1733368	.	.	.	.	.	.
chr17	2239555	2239956	.	.	.	.	.	.
chr17	2614872	2615273	chr17	2614795	2614890	C-rich	Low_complexity	Low_complexity
chr17	3116917	3117318	chr17	3116832	3117051	MLT1J1	LTR	ERVL-MaLR
chr17	3116917	3117318	chr17	3117076	3117185	MLT1J1	LTR	ERVL-MaLR
chr17	3116917	3117318	chr17	3117225	3117409	L2	LINE	L2
chr17	3539751	3540152	.	.	.	.	.	.
chr17	3571943	3572344	.	.	.	.	.	.
chr17	4634412	4634813	chr17	4634205	4634481	AluSx1	SINE	Alu
chr17	4699207	4699608	chr17	4698992	4699233	AluSg	SINE	Alu
chr17	4843181	4843582	.	.	.	.	.	.
chr17	5323226	5323627	chr17	5323248	5323312	L2	LINE	L2
chr17	5372153	5372554	chr17	5372496	5372810	AluSp	SINE	Alu
chr17	5389900	5390301	.	.	.	.	.	.
chr17	6543940	6544341	.	.	.	.	.	.
chr17	6554756	6555157	.	.	.	.	.	.
chr17	6915709	6916110	.	.	.	.	.	.
chr17	7122942	7123343	.	.	.	.	.	.
chr17	7142851	7143252	chr17	7142819	7142880	CT-rich	Low_complexity	Low_complexity
chr17	7155577	7155978	.	.	.	.	.	.
chr17	7212053	7212454	.	.	.	.	.	.
chr17	7218505	7218906	chr17	7218461	7218518	GC_rich	Low_complexity	Low_complexity
chr17	7218505	7218906	chr17	7218569	7218599	GC_rich	Low_complexity	Low_complexity
chr17	7338426	7338827	.	.	.	.	.	.
chr17	7387444	7387845	.	.	.	.	.	.
chr17	7591422	7591823	chr17	7591167	7591442	L2a	LINE	L2
chr17	7760432	7760833	.	.	.	.	.	.
chr17	8286465	8286866	.	.	.	.	.	.
chr17	12692560	12692961	.	.	.	.	.	.
chr17	15587428	15587829	chr17	15587665	15587716	AluYb8	SINE	Alu
chr17	15587428	15587829	chr17	15587755	15588052	AluSx1	SINE	Alu
chr17	15602789	15603190	.	.	.	.	.	.
chr17	16120332	16120733	.	.	.	.	.	.
chr17	16284187	16284588	.	.	.	.	.	.
chr17	16342058	16342459	chr17	16341933	16342115	MIRb	SINE	MIR
chr17	16557008	16557409	.	.	.	.	.	.

chr17	17494862	17495263	.	.	.	.	.	.
chr17	17942412	17942813	chr17	17942719	17942785	(TG)n	Simple_repeat	Simple_repeat
chr17	17990989	17991390	.	.	.	.	.	.
chr17	18128477	18128878	chr17	18128294	18128512	L2b	LINE	L2
chr17	18128477	18128878	chr17	18128449	18128525	MIR	SINE	MIR
chr17	18128477	18128878	chr17	18128830	18128973	GC_rich	Low_complexity	Low_complexity
chr17	18218174	18218575	.	.	.	.	.	.
chr17	18585376	18585777	.	.	.	.	.	.
chr17	19881016	19881417	.	.	.	.	.	.
chr17	21117393	21117794	chr17	21117623	21117651	GC_rich	Low_complexity	Low_complexity
chr17	21904676	21905077	.	.	.	.	.	.
chr17	22020520	22020921	.	.	.	.	.	.
chr17	26554581	26554982	.	.	.	.	.	.
chr17	26662375	26662776	.	.	.	.	.	.
chr17	26684346	26684747	.	.	.	.	.	.
chr17	27046708	27047109	chr17	27046650	27046811	AluY	SINE	Alu
chr17	27181826	27182227	.	.	.	.	.	.
chr17	27279228	27279629	.	.	.	.	.	.
chr17	27919900	27920301	chr17	27920228	27920310	GC_rich	Low_complexity	Low_complexity
chr17	28804133	28804534	.	.	.	.	.	.
chr17	30263568	30263969	chr17	30263309	30263605	AluSx3	SINE	Alu
chr17	30669005	30669406	.	.	.	.	.	.
chr17	30676954	30677355	.	.	.	.	.	.
chr17	30771247	30771648	chr17	30771498	30771563	(CGG)n	Simple_repeat	Simple_repeat
chr17	30771247	30771648	chr17	30771640	30771671	GC_rich	Low_complexity	Low_complexity
chr17	33905424	33905825	.	.	.	.	.	.
chr17	35969247	35969648	.	.	.	.	.	.
chr17	36003196	36003597	.	.	.	.	.	.
chr17	36349798	36350199	chr17	36349859	36349884	(TCCA)n	Simple_repeat	Simple_repeat
chr17	36452952	36453353	.	.	.	.	.	.
chr17	36858455	36858856	chr17	36858604	36858642	GC_rich	Low_complexity	Low_complexity
chr17	36858455	36858856	chr17	36858834	36858987	MIRb	SINE	MIR
chr17	36908650	36909051	chr17	36908591	36908653	L2a	LINE	L2
chr17	36981396	36981797	.	.	.	.	.	.
chr17	37009837	37010238	.	.	.	.	.	.
chr17	37123615	37124016	.	.	.	.	.	.
chr17	37617458	37617859	.	.	.	.	.	.
chr17	37844114	37844515	.	.	.	.	.	.
chr17	38083723	38084124	chr17	38084108	38084255	MIRc	SINE	MIR
chr17	38136850	38137251	chr17	38137239	38137260	GC_rich	Low_complexity	Low_complexity
chr17	38210542	38210943	.	.	.	.	.	.
chr17	38256834	38257235	.	.	.	.	.	.
chr17	38296564	38296965	chr17	38296570	38296683	(CA)n	Simple_repeat	Simple_repeat
chr17	38296564	38296965	chr17	38296869	38296939	(CGG)n	Simple_repeat	Simple_repeat
chr17	38443656	38444057	chr17	38443641	38443719	MIRb	SINE	MIR
chr17	39844831	39845232	.	.	.	.	.	.
chr17	40021508	40021909	chr17	40021579	40021621	(CCG)n	Simple_repeat	Simple_repeat
chr17	40021508	40021909	chr17	40021707	40021742	GC_rich	Low_complexity	Low_complexity
chr17	40075172	40075573	chr17	40075434	40075458	GC_rich	Low_complexity	Low_complexity
chr17	40117877	40118278	chr17	40117977	40118172	MIRb	SINE	MIR
chr17	40273235	40273636	chr17	40273157	40273304	(CTGGGG)n	Simple_repeat	Simple_repeat
chr17	40306920	40307321	chr17	40307267	40307560	AluSx	SINE	Alu
chr17	40713982	40714383	.	.	.	.	.	.
chr17	40925259	40925660	.	.	.	.	.	.
chr17	40950572	40950973	.	.	.	.	.	.
chr17	41150205	41150606	.	.	.	.	.	.
chr17	41277917	41278318	.	.	.	.	.	.
chr17	41322495	41322896	.	.	.	.	.	.
chr17	41465998	41466399	chr17	41466224	41466581	L2c	LINE	L2
chr17	41561153	41561554	.	.	.	.	.	.
chr17	42092204	42092605	chr17	42092588	42092749	MIRb	SINE	MIR
chr17	42147804	42148205	chr17	42147815	42147857	(T)n	Simple_repeat	Simple_repeat
chr17	42264221	42264622	.	.	.	.	.	.
chr17	42275583	42275984	.	.	.	.	.	.
chr17	42580794	42581195	chr17	42581143	42581206	MIR	SINE	MIR
chr17	42766955	42767356	chr17	42767284	42767436	MIRb	SINE	MIR
chr17	43138346	43138747	.	.	.	.	.	.
chr17	43225544	43225945	chr17	43225855	43225962	G-rich	Low_complexity	Low_complexity
chr17	43238982	43239383	.	.	.	.	.	.
chr17	44271336	44271737	chr17	44271519	44271542	GC_rich	Low_complexity	Low_complexity
chr17	45266347	45266748	.	.	.	.	.	.
chr17	45401153	45401554	chr17	45401302	45401330	GC_rich	Low_complexity	Low_complexity
chr17	45569675	45570076	.	.	.	.	.	.
chr17	45726613	45727014	chr17	45726473	45726623	MIR3	SINE	MIR
chr17	45908722	45909123	chr17	45908379	45908775	L2b	LINE	L2
chr17	45918432	45918833	.	.	.	.	.	.
chr17	45973090	45973491	.	.	.	.	.	.
chr17	46124961	46125362	.	.	.	.	.	.
chr17	46178697	46179098	chr17	46179030	46179331	AluSx1	SINE	Alu
chr17	46184898	46185299	.	.	.	.	.	.
chr17	46908125	46908526	chr17	46907850	46908169	AluJb	SINE	Alu
chr17	46969572	46969973	.	.	.	.	.	.
chr17	47492211	47492612	.	.	.	.	.	.
chr17	47865762	47866163	.	.	.	.	.	.
chr17	48450345	48450746	.	.	.	.	.	.
chr17	48785080	48785481	chr17	48785030	48785110	GC_rich	Low_complexity	Low_complexity
chr17	48796743	48797144	.	.	.	.	.	.
chr17	49230678	49231079	.	.	.	.	.	.
chr17	53045799	53046200	.	.	.	.	.	.
chr17	56084777	56085178	.	.	.	.	.	.
chr17	56429370	56429771	.	.	.	.	.	.
chr17	57643332	57643733	.	.	.	.	.	.
chr17	57784622	57785023	.	.	.	.	.	.
chr17	58754504	58754905	.	.	.	.	.	.
chr17	61851011	61851412	.	.	.	.	.	.
chr17	61904501	61904902	.	.	.	.	.	.
chr17	61920348	61920749	chr17	61920720	61921017	AluSq2	SINE	Alu
chr17	62492723	62493124	.	.	.	.	.	.
chr17	62502267	62502668	.	.	.	.	.	.
chr17	65241038	65241439	chr17	65241115	65241166	GC_rich	Low_complexity	Low_complexity
chr17	65241038	65241439	chr17	65241351	65241414	C-rich	Low_complexity	Low_complexity
chr17	65713838	65714239	.	.	.	.	.	.
chr17	66031359	66031760	chr17	66031567	66031657	C-rich	Low_complexity	Low_complexity
chr17	66243778	66244179	chr17	66244120	66244204	(CGCGG)n	Simple_repeat	Simple_repeat
chr17	67410591	67410992	.	.	.	.	.	.

chr17	70588882	70589283	chr17	70588990	70589030	(CGGGG)n	Simple_repeat	Simple_repeat
chr17	73285473	73285874	.	.	.	.	.	.
chr17	73663152	73663553	.	.	.	.	.	.
chr17	73780567	73780968	.	.	.	.	.	.
chr17	73841380	73841781	.	.	.	.	.	.
chr17	73851406	73851807	.	.	.	.	.	.
chr17	73937010	73937411	.	.	.	.	.	.
chr17	74068495	74068896	chr17	74068483	74068548	(CCG)n	Simple_repeat	Simple_repeat
chr17	74553579	74553980	chr17	74553971	74554126	MIRc	SINE	MIR
chr17	74733821	74734222	.	.	.	.	.	.
chr17	76210099	76210500	chr17	76209828	76210125	AluSq2	SINE	Alu
chr17	77005709	77006110	chr17	77005640	77005737	G-rich	Low_complexity	Low_complexity
chr17	77005709	77006110	chr17	77005777	77005816	(GGCTG)n	Simple_repeat	Simple_repeat
chr17	77005709	77006110	chr17	77005946	77005996	T-rich	Low_complexity	Low_complexity
chr17	78518443	78518844	.	.	.	.	.	.
chr17	79670164	79670565	.	.	.	.	.	.
chr17	79829156	79829557	chr17	79829090	79829158	C-rich	Low_complexity	Low_complexity
chr17	79884385	79884786	.	.	.	.	.	.
chr17	79980905	79981306	.	.	.	.	.	.
chr17	80009586	80009987	chr17	80009722	80009749	GC_rich	Low_complexity	Low_complexity
chr17	80009586	80009987	chr17	80009852	80009889	GC_rich	Low_complexity	Low_complexity
chr17	80023585	80023986	chr17	80023551	80023661	GC_rich	Low_complexity	Low_complexity
chr17	80316861	80317262	.	.	.	.	.	.
chr17	80709665	80710066	chr17	80709486	80709744	(CCCCG)n	Simple_repeat	Simple_repeat
chr18	108030	108431	chr18	105673	111670	BSR/Beta	Satellite	Satellite
chr18	3447403	3447804	.	.	.	.	.	.
chr18	9102352	9102753	.	.	.	.	.	.
chr18	9475146	9475547	.	.	.	.	.	.
chr18	9913452	9913853	.	.	.	.	.	.
chr18	12948277	12948678	.	.	.	.	.	.
chr18	13726379	13726780	chr18	13726482	13726510	GC_rich	Low_complexity	Low_complexity
chr18	22006381	22006782	.	.	.	.	.	.
chr18	29522868	29523269	chr18	29523261	29523294	(CGGGGG)n	Simple_repeat	Simple_repeat
chr18	32870130	32870531	.	.	.	.	.	.
chr18	32923778	32924179	chr18	32923814	32923841	GC_rich	Low_complexity	Low_complexity
chr18	33552471	33552872	.	.	.	.	.	.
chr18	34408607	34409008	chr18	34408976	34409014	GC_rich	Low_complexity	Low_complexity
chr18	43684066	43684467	.	.	.	.	.	.
chr18	46065130	46065531	chr18	46065460	46065515	C-rich	Low_complexity	Low_complexity
chr18	46986877	46987278	chr18	46987202	46987515	AluSc	SINE	Alu
chr18	47018627	47019028	.	.	.	.	.	.
chr18	54305731	54306132	chr18	54305837	54305900	G-rich	Low_complexity	Low_complexity
chr18	54318666	54319067	.	.	.	.	.	.
chr18	56806786	56807187	.	.	.	.	.	.
chr18	57026278	57026679	.	.	.	.	.	.
chr18	60382108	60382509	.	.	.	.	.	.
chr18	61089587	61089988	.	.	.	.	.	.
chr18	67872969	67873370	chr18	67873236	67873258	GC_rich	Low_complexity	Low_complexity
chr18	71815483	71815884	.	.	.	.	.	.
chr18	77439292	77439693	.	.	.	.	.	.
chr19	507746	508147	.	.	.	.	.	.
chr19	531400	531801	chr19	531702	531730	GC_rich	Low_complexity	Low_complexity
chr19	531400	531801	chr19	531787	531835	(CGG)n	Simple_repeat	Simple_repeat
chr19	633428	633829	chr19	633799	633962	FRAM	SINE	Alu
chr19	892918	893319	chr19	892811	893001	C-rich	Low_complexity	Low_complexity
chr19	1021133	1021534	chr19	1021520	1021627	U6	snRNA	snRNA
chr19	1068116	1068517	.	.	.	.	.	.
chr19	1095352	1095753	.	.	.	.	.	.
chr19	1241473	1241874	chr19	1241387	1241531	FLAM_C	SINE	Alu
chr19	1241473	1241874	chr19	1241784	1241945	(CCG)n	Simple_repeat	Simple_repeat
chr19	1275206	1275607	chr19	1275561	1275605	(CTG)n	Simple_repeat	Simple_repeat
chr19	1383610	1384011	chr19	1383561	1383636	tRNA-Asn-AA	tRNA	tRNA
chr19	1407186	1407587	chr19	1407281	1407331	(CACG)n	Simple_repeat	Simple_repeat
chr19	1407186	1407587	chr19	1407538	1407590	GC_rich	Low_complexity	Low_complexity
chr19	1490312	1490713	.	.	.	.	.	.
chr19	1592278	1592679	chr19	1592364	1592375	GC_rich	Low_complexity	Low_complexity
chr19	1592278	1592679	chr19	1592375	1592422	(CACG)n	Simple_repeat	Simple_repeat
chr19	1592278	1592679	chr19	1592422	1592465	GC_rich	Low_complexity	Low_complexity
chr19	1592278	1592679	chr19	1592648	1592732	(CCG)n	Simple_repeat	Simple_repeat
chr19	1905104	1905505	.	.	.	.	.	.
chr19	2236627	2237028	.	.	.	.	.	.
chr19	2269146	2269547	.	.	.	.	.	.
chr19	2328424	2328825	.	.	.	.	.	.
chr19	2427451	2427852	.	.	.	.	.	.
chr19	2456844	2457245	chr19	2456832	2456857	GC_rich	Low_complexity	Low_complexity
chr19	2456844	2457245	chr19	2456958	2456984	(CCGCG)n	Simple_repeat	Simple_repeat
chr19	2456844	2457245	chr19	2457083	2457134	MIR	SINE	MIR
chr19	2456844	2457245	chr19	2457200	2457228	L1MB7	LINE	L1
chr19	2456844	2457245	chr19	2457228	2457521	AluSz	SINE	Alu
chr19	2785331	2785732	chr19	2785542	2785605	(CGG)n	Simple_repeat	Simple_repeat
chr19	2819616	2820017	.	.	.	.	.	.
chr19	3185644	3186045	chr19	3185968	3186022	(CCG)n	Simple_repeat	Simple_repeat
chr19	3505902	3506303	chr19	3506252	3506289	GC_rich	Low_complexity	Low_complexity
chr19	3761523	3761924	.	.	.	.	.	.
chr19	3762441	3762842	.	.	.	.	.	.
chr19	4065843	4066244	chr19	4065794	4065942	GC_rich	Low_complexity	Low_complexity
chr19	4182322	4182723	.	.	.	.	.	.
chr19	4246767	4247168	.	.	.	.	.	.
chr19	4304355	4304756	chr19	4304377	4304480	MIRc	SINE	MIR
chr19	4304355	4304756	chr19	4304621	4304656	GC_rich	Low_complexity	Low_complexity
chr19	4304355	4304756	chr19	4304699	4304726	GC_rich	Low_complexity	Low_complexity
chr19	4723640	4724041	chr19	4723569	4723720	(CGGGG)n	Simple_repeat	Simple_repeat
chr19	4791412	4791813	.	.	.	.	.	.
chr19	5680458	5680859	.	.	.	.	.	.
chr19	5690070	5690471	chr19	5689983	5690079	MIR	SINE	MIR
chr19	5790464	5790865	.	.	.	.	.	.
chr19	5977877	5978278	.	.	.	.	.	.
chr19	6361339	6361740	chr19	6361050	6361347	AluSg4	SINE	Alu
chr19	6393033	6393434	.	.	.	.	.	.
chr19	6424674	6425075	chr19	6424661	6424688	GC_rich	Low_complexity	Low_complexity
chr19	6424674	6425075	chr19	6424755	6424776	(CGG)n	Simple_repeat	Simple_repeat
chr19	6737754	6738155	.	.	.	.	.	.
chr19	7580707	7581108	chr19	7580510	7580790	(CAGAGA)n	Simple_repeat	Simple_repeat
chr19	7580707	7581108	chr19	7580925	7580946	GC_rich	Low_complexity	Low_complexity
chr19	7580707	7581108	chr19	7581025	7581204	G-rich	Low_complexity	Low_complexity

chr19	7600352	7600753	.	.	.	.	.	.
chr19	8386083	8386484	.	.	.	.	.	.
chr19	9250807	9251208	chr19	9250588	9250889	L1MC4	LINE	L1
chr19	9250807	9251208	chr19	9250982	9251125	LTR33B	LTR	ERVL
chr19	9938364	9938765	.	.	.	.	.	.
chr19	10197113	10197514	.	.	.	.	.	.
chr19	10305580	10305981	chr19	10305934	10306060	MIRb	SINE	MIR
chr19	10363047	10363448	.	.	.	.	.	.
chr19	10399781	10400182	.	.	.	.	.	.
chr19	10443915	10444316	.	.	.	.	.	.
chr19	10811968	10812369	.	.	.	.	.	.
chr19	10827901	10828302	.	.	.	.	.	.
chr19	10947045	10947446	chr19	10947427	10947544	MIR	SINE	MIR
chr19	11639755	11640156	.	.	.	.	.	.
chr19	12780184	12780585	.	.	.	.	.	.
chr19	12834659	12835060	.	.	.	.	.	.
chr19	12845280	12845681	chr19	12845328	12845418	C-rich	Low_complexity	Low_complexity
chr19	12845280	12845681	chr19	12845669	12845980	AluSp	SINE	Alu
chr19	12917104	12917505	.	.	.	.	.	.
chr19	12992050	12992451	.	.	.	.	.	.
chr19	13056493	13056894	chr19	13056664	13056685	GC_rich	Low_complexity	Low_complexity
chr19	13056493	13056894	chr19	13056836	13056864	GC_rich	Low_complexity	Low_complexity
chr19	13105518	13105919	chr19	13105289	13105558	AluJb	SINE	Alu
chr19	13105518	13105919	chr19	13105623	13105801	(TG)n	Simple_repeat	Simple_repeat
chr19	13885012	13885413	.	.	.	.	.	.
chr19	14016794	14017195	.	.	.	.	.	.
chr19	14117321	14117722	.	.	.	.	.	.
chr19	14141840	14142241	.	.	.	.	.	.
chr19	14229031	14229432	chr19	14229098	14229127	GC_rich	Low_complexity	Low_complexity
chr19	14229031	14229432	chr19	14229348	14229443	MIR	SINE	MIR
chr19	14607978	14608379	chr19	14607882	14608004	L2b	LINE	L2
chr19	14682674	14683075	.	.	.	.	.	.
chr19	14800613	14801014	chr19	14800905	14800936	(CGCGG)n	Simple_repeat	Simple_repeat
chr19	15217791	15218192	chr19	15218137	15218197	(CGGGG)n	Simple_repeat	Simple_repeat
chr19	15490484	15490885	.	.	.	.	.	.
chr19	16606887	16607288	.	.	.	.	.	.
chr19	16738863	16739264	chr19	16738860	16738944	GC_rich	Low_complexity	Low_complexity
chr19	17378049	17378450	.	.	.	.	.	.
chr19	17416440	17416841	.	.	.	.	.	.
chr19	17419951	17420352	chr19	17419779	17420043	AluSq2	SINE	Alu
chr19	17516003	17516404	.	.	.	.	.	.
chr19	17530561	17530962	.	.	.	.	.	.
chr19	17970318	17970719	chr19	17970423	17970444	GC_rich	Low_complexity	Low_complexity
chr19	18043354	18043755	.	.	.	.	.	.
chr19	18304141	18304542	.	.	.	.	.	.
chr19	18334801	18335202	chr19	18334842	18334955	L2c	LINE	L2
chr19	18385705	18386106	chr19	18385665	18385740	L2c	LINE	L2
chr19	18385705	18386106	chr19	18386077	18386373	AluSz	SINE	Alu
chr19	18392402	18392803	chr19	18392303	18392413	GC_rich	Low_complexity	Low_complexity
chr19	18392402	18392803	chr19	18392633	18392674	GC_rich	Low_complexity	Low_complexity
chr19	18392402	18392803	chr19	18392738	18392806	GC_rich	Low_complexity	Low_complexity
chr19	18633274	18633675	chr19	18633631	18633798	AluJb	SINE	Alu
chr19	19030126	19030527	.	.	.	.	.	.
chr19	19249182	19249583	.	.	.	.	.	.
chr19	19431270	19431671	chr19	19431670	19431733	(CGG)n	Simple_repeat	Simple_repeat
chr19	19495916	19496317	.	.	.	.	.	.
chr19	19887120	19887521	.	.	.	.	.	.
chr19	28284699	28285100	.	.	.	.	.	.
chr19	34663100	34663501	chr19	34663338	34663379	(CCG)n	Simple_repeat	Simple_repeat
chr19	35168268	35168669	.	.	.	.	.	.
chr19	35224831	35225232	.	.	.	.	.	.
chr19	35263999	35264400	.	.	.	.	.	.
chr19	35417658	35418059	.	.	.	.	.	.
chr19	36036296	36036697	chr19	36036609	36036638	GC_rich	Low_complexity	Low_complexity
chr19	36208273	36208674	.	.	.	.	.	.
chr19	36236195	36236596	.	.	.	.	.	.
chr19	36239050	36239451	chr19	36239007	36239095	MIRb	SINE	MIR
chr19	36249013	36249414	.	.	.	.	.	.
chr19	36485902	36486303	.	.	.	.	.	.
chr19	36630646	36631047	.	.	.	.	.	.
chr19	36705412	36705813	.	.	.	.	.	.
chr19	36869900	36870301	chr19	36870008	36870036	GC_rich	Low_complexity	Low_complexity
chr19	36869900	36870301	chr19	36870290	36870592	AluJo	SINE	Alu
chr19	36909380	36909781	.	.	.	.	.	.
chr19	36980320	36980721	.	.	.	.	.	.
chr19	37019406	37019807	.	.	.	.	.	.
chr19	37064035	37064436	.	.	.	.	.	.
chr19	37157578	37157979	.	.	.	.	.	.
chr19	37178199	37178600	.	.	.	.	.	.
chr19	37341471	37341872	chr19	37341314	37341565	MER31B	LTR	ERV1
chr19	37569071	37569472	.	.	.	.	.	.
chr19	37825286	37825687	.	.	.	.	.	.
chr19	37861741	37862142	.	.	.	.	.	.
chr19	38085508	38085909	.	.	.	.	.	.
chr19	38210441	38210842	.	.	.	.	.	.
chr19	38270079	38270480	.	.	.	.	.	.
chr19	38397580	38397981	.	.	.	.	.	.
chr19	38714737	38715138	chr19	38714906	38714935	GC_rich	Low_complexity	Low_complexity
chr19	38714737	38715138	chr19	38715067	38715208	(CA)n	Simple_repeat	Simple_repeat
chr19	38720285	38720686	chr19	38720243	38720309	GC_rich	Low_complexity	Low_complexity
chr19	38720285	38720686	chr19	38720365	38720388	GC_rich	Low_complexity	Low_complexity
chr19	38720285	38720686	chr19	38720435	38720465	GC_rich	Low_complexity	Low_complexity
chr19	38754435	38754836	chr19	38754318	38754540	L2b	LINE	L2
chr19	38754435	38754836	chr19	38754550	38754638	L2b	LINE	L2
chr19	38754435	38754836	chr19	38754743	38754816	L2b	LINE	L2
chr19	39390220	39390621	.	.	.	.	.	.
chr19	39616467	39616868	.	.	.	.	.	.
chr19	39881550	39881951	.	.	.	.	.	.
chr19	39936021	39936422	.	.	.	.	.	.
chr19	40476821	40477222	.	.	.	.	.	.
chr19	40502753	40503154	.	.	.	.	.	.
chr19	40561962	40562363	.	.	.	.	.	.
chr19	40596673	40597074	.	.	.	.	.	.
chr19	40697095	40697496	chr19	40697115	40697136	GC_rich	Low_complexity	Low_complexity
chr19	40697095	40697496	chr19	40697418	40697519	GC_rich	Low_complexity	Low_complexity

chr19	40791381	40791782	chr19	40791705	40791850	MIR	SINE	MIR
chr19	40948988	40949389	.	.	.	.	.	.
chr19	41084361	41084762	.	.	.	.	.	.
chr19	41256883	41257284	.	.	.	.	.	.
chr19	42007357	42007758	chr19	42007381	42007780	L1PA12	LINE	L1
chr19	42388186	42388587	chr19	42388237	42388261	GC_rich	Low_complexity	Low_complexity
chr19	42463376	42463777	chr19	42463495	42463524	GC_rich	Low_complexity	Low_complexity
chr19	42746729	42747130	.	.	.	.	.	.
chr19	44123415	44123816	.	.	.	.	.	.
chr19	44145487	44145888	chr19	44145837	44145945	MIR3	SINE	MIR
chr19	44331227	44331628	.	.	.	.	.	.
chr19	44439271	44439672	.	.	.	.	.	.
chr19	44455113	44455514	.	.	.	.	.	.
chr19	44488070	44488471	.	.	.	.	.	.
chr19	44506832	44507233	.	.	.	.	.	.
chr19	44529230	44529631	.	.	.	.	.	.
chr19	44555846	44556247	.	.	.	.	.	.
chr19	44576060	44576461	.	.	.	.	.	.
chr19	44598250	44598651	.	.	.	.	.	.
chr19	44617256	44617657	.	.	.	.	.	.
chr19	44645476	44645877	.	.	.	.	.	.
chr19	44668923	44669324	.	.	.	.	.	.
chr19	44716449	44716850	chr19	44716519	44716544	(T)n	Simple_repeat	Simple_repeat
chr19	44763815	44764216	chr19	44763641	44763950	AluSg	SINE	Alu
chr19	44809017	44809418	.	.	.	.	.	.
chr19	44860672	44861073	.	.	.	.	.	.
chr19	44905571	44905972	.	.	.	.	.	.
chr19	44952507	44952908	.	.	.	.	.	.
chr19	45004427	45004828	.	.	.	.	.	.
chr19	45393600	45394001	.	.	.	.	.	.
chr19	45908594	45908995	chr19	45908657	45908701	MIR3	SINE	MIR
chr19	46010480	46010881	.	.	.	.	.	.
chr19	46234043	46234444	.	.	.	.	.	.
chr19	46366379	46366780	chr19	46366371	46366391	(CCG)n	Simple_repeat	Simple_repeat
chr19	46389927	46390328	.	.	.	.	.	.
chr19	47287884	47288285	.	.	.	.	.	.
chr19	47354079	47354480	chr19	47354474	47354595	AluJr4	SINE	Alu
chr19	47551860	47552261	chr19	47552226	47552354	T-rich	Low_complexity	Low_complexity
chr19	47734889	47735290	.	.	.	.	.	.
chr19	48111235	48111636	chr19	48111147	48111244	L2a	LINE	L2
chr19	48111235	48111636	chr19	48111237	48111345	L2b	LINE	L2
chr19	48673604	48674005	chr19	48673959	48674123	(CGGGG)n	Simple_repeat	Simple_repeat
chr19	48866270	48866671	chr19	48866264	48866383	MIRb	SINE	MIR
chr19	48948861	48949262	.	.	.	.	.	.
chr19	48965603	48966004	.	.	.	.	.	.
chr19	49122430	49122831	.	.	.	.	.	.
chr19	49148009	49148410	chr19	49148029	49148151	AluSq10	SINE	Alu
chr19	49248459	49248860	.	.	.	.	.	.
chr19	49403092	49403493	chr19	49403009	49403194	AluJr	SINE	Alu
chr19	49469019	49469420	.	.	.	.	.	.
chr19	49588724	49589125	.	.	.	.	.	.
chr19	49618176	49618577	.	.	.	.	.	.
chr19	49954473	49954874	chr19	49954278	49954585	AluY	SINE	Alu
chr19	49956539	49956940	.	.	.	.	.	.
chr19	50000478	50000879	.	.	.	.	.	.
chr19	50030835	50031236	chr19	50030541	50030854	AluSp	SINE	Alu
chr19	50030835	50031236	chr19	50030856	50030908	(TTTTG)n	Simple_repeat	Simple_repeat
chr19	50083724	50084125	.	.	.	.	.	.
chr19	50145068	50145469	chr19	50145441	50145471	(CCCCG)n	Simple_repeat	Simple_repeat
chr19	50168970	50169371	.	.	.	.	.	.
chr19	50179999	50180400	.	.	.	.	.	.
chr19	50314627	50315028	chr19	50315005	50315082	MSR1	Satellite	Satellite
chr19	50321274	50321675	.	.	.	.	.	.
chr19	50353757	50354158	chr19	50353911	50353939	GC_rich	Low_complexity	Low_complexity
chr19	50432476	50432877	.	.	.	.	.	.
chr19	50529048	50529449	.	.	.	.	.	.
chr19	50553963	50554364	.	.	.	.	.	.
chr19	50879413	50879814	.	.	.	.	.	.
chr19	50887390	50887791	.	.	.	.	.	.
chr19	50979554	50979955	.	.	.	.	.	.
chr19	51014348	51014749	.	.	.	.	.	.
chr19	51142386	51142787	.	.	.	.	.	.
chr19	51152787	51153188	.	.	.	.	.	.
chr19	51275616	51276017	chr19	51275421	51275751	AluJb	SINE	Alu
chr19	51275616	51276017	chr19	51275751	51275987	MLT1J	LTR	ERVL-MaLR
chr19	51275616	51276017	chr19	51275987	51276043	MLT1H	LTR	ERVL-MaLR
chr19	51611536	51611937	.	.	.	.	.	.
chr19	52074198	52074599	.	.	.	.	.	.
chr19	52097573	52097974	.	.	.	.	.	.
chr19	52193866	52194267	chr19	52193928	52194065	MIR3	SINE	MIR
chr19	52430169	52430570	.	.	.	.	.	.
chr19	52489908	52490309	.	.	.	.	.	.
chr19	54023953	54024354	.	.	.	.	.	.
chr19	54040721	54041122	.	.	.	.	.	.
chr19	54057086	54057487	.	.	.	.	.	.
chr19	54605905	54606306	.	.	.	.	.	.
chr19	54618548	54618949	.	.	.	.	.	.
chr19	54694205	54694606	.	.	.	.	.	.
chr19	55628973	55629374	chr19	55628968	55629001	GC_rich	Low_complexity	Low_complexity
chr19	55677262	55677663	.	.	.	.	.	.
chr19	55690348	55690749	.	.	.	.	.	.
chr19	55770127	55770528	.	.	.	.	.	.
chr19	55791334	55791735	.	.	.	.	.	.
chr19	55987670	55988071	.	.	.	.	.	.
chr19	56110791	56111192	chr19	56110899	56111010	C-rich	Low_complexity	Low_complexity
chr19	56632695	56633096	.	.	.	.	.	.
chr19	56652167	56652568	.	.	.	.	.	.
chr19	57106414	57106815	chr19	57106402	57106485	C-rich	Low_complexity	Low_complexity
chr19	57106414	57106815	chr19	57106532	57106566	(CTCGG)n	Simple_repeat	Simple_repeat
chr19	57751684	57752085	.	.	.	.	.	.
chr19	57791520	57791921	.	.	.	.	.	.
chr19	57862333	57862734	.	.	.	.	.	.
chr19	57874504	57874905	chr19	57874731	57874760	(CGTG)n	Simple_repeat	Simple_repeat
chr19	57900945	57901346	.	.	.	.	.	.
chr19	57922239	57922640	.	.	.	.	.	.

chr19	57946396	57946797	.	.	.	.	.	.
chr19	57988835	57989236	.	.	.	.	.	.
chr19	57998839	57999240	chr19	57998894	57998968	(CACCAT)n	Simple_repeat	Simple_repeat
chr19	58090157	58090558	chr19	58090540	58091091	MER4D1	LTR	ERV1
chr19	58110975	58111376	.	.	.	.	.	.
chr19	58125324	58125725	.	.	.	.	.	.
chr19	58144253	58144654	chr19	58144246	58144319	Tigger2b_Pri	DNA	TcMar-Tigger
chr19	58257891	58258292	.	.	.	.	.	.
chr19	58280724	58281125	.	.	.	.	.	.
chr19	58326178	58326579	chr19	58326499	58326647	FRAM	SINE	Alu
chr19	58360907	58361308	chr19	58361003	58361048	L2c	LINE	L2
chr19	58427851	58428252	chr19	58428178	58428500	AluY	SINE	Alu
chr19	58694510	58694911	.	.	.	.	.	.
chr19	58740017	58740418	.	.	.	.	.	.
chr19	58790109	58790510	.	.	.	.	.	.
chr19	58838125	58838526	.	.	.	.	.	.
chr19	58873632	58874033	chr19	58873697	58873771	(TGAA)n	Simple_repeat	Simple_repeat
chr19	58892240	58892641	.	.	.	.	.	.
chr19	58898391	58898792	.	.	.	.	.	.
chr19	58919769	58920170	.	.	.	.	.	.
chr19	58962720	58963121	.	.	.	.	.	.
chr19	58978086	58978487	.	.	.	.	.	.
chr19	58987205	58987606	.	.	.	.	.	.
chr19	59031082	59031483	.	.	.	.	.	.
chr19	59066162	59066563	.	.	.	.	.	.
chr19	59084310	59084711	.	.	.	.	.	.
chr19	59086562	59086963	chr19	59086262	59086572	AluYa5	SINE	Alu
chr2	3622602	3623003	.	.	.	.	.	.
chr2	9695790	9696191	.	.	.	.	.	.
chr2	11484538	11484939	chr2	11484590	11484626	GC_rich	Low_complexity	Low_complexity
chr2	11484538	11484939	chr2	11484660	11484827	(CCG)n	Simple_repeat	Simple_repeat
chr2	11484538	11484939	chr2	11484837	11484860	(CCCCG)n	Simple_repeat	Simple_repeat
chr2	11484538	11484939	chr2	11484868	11484956	CT-rich	Low_complexity	Low_complexity
chr2	18741773	18742174	.	.	.	.	.	.
chr2	21022658	21023059	.	.	.	.	.	.
chr2	24270227	24270628	.	.	.	.	.	.
chr2	24299030	24299431	.	.	.	.	.	.
chr2	25016063	25016464	.	.	.	.	.	.
chr2	26100203	26100604	.	.	.	.	.	.
chr2	26205448	26205849	chr2	26205443	26205518	G-rich	Low_complexity	Low_complexity
chr2	26568512	26568913	.	.	.	.	.	.
chr2	27070577	27070978	chr2	27070814	27070836	GC_rich	Low_complexity	Low_complexity
chr2	27255556	27255957	chr2	27255768	27255797	GC_rich	Low_complexity	Low_complexity
chr2	27255556	27255957	chr2	27255948	27255969	GC_rich	Low_complexity	Low_complexity
chr2	27579664	27580065	.	.	.	.	.	.
chr2	27593167	27593568	.	.	.	.	.	.
chr2	27603475	27603876	chr2	27603483	27603581	GC_rich	Low_complexity	Low_complexity
chr2	27886448	27886849	.	.	.	.	.	.
chr2	27994571	27994972	chr2	27994965	27995109	MIR3	SINE	MIR
chr2	28113050	28113451	.	.	.	.	.	.
chr2	32288290	32288691	.	.	.	.	.	.
chr2	32390610	32391011	chr2	32390572	32390673	MIRb	SINE	MIR
chr2	32852952	32853353	.	.	.	.	.	.
chr2	37193585	37193986	chr2	37193821	37193859	GC_rich	Low_complexity	Low_complexity
chr2	37193585	37193986	chr2	37193891	37193919	GC_rich	Low_complexity	Low_complexity
chr2	38152467	38152868	.	.	.	.	.	.
chr2	38892830	38893231	.	.	.	.	.	.
chr2	39005151	39005552	.	.	.	.	.	.
chr2	39102849	39103250	.	.	.	.	.	.
chr2	39187902	39188303	.	.	.	.	.	.
chr2	43823002	43823403	.	.	.	.	.	.
chr2	44000957	44001358	chr2	44000953	44000974	AT_rich	Low_complexity	Low_complexity
chr2	44223234	44223635	.	.	.	.	.	.
chr2	44394712	44395113	chr2	44394516	44394760	L2a	LINE	L2
chr2	46925671	46926072	.	.	.	.	.	.
chr2	53994565	53994966	.	.	.	.	.	.
chr2	54013850	54014251	.	.	.	.	.	.
chr2	54557852	54558253	.	.	.	.	.	.
chr2	54784627	54785028	.	.	.	.	.	.
chr2	54950396	54950797	.	.	.	.	.	.
chr2	55459285	55459686	.	.	.	.	.	.
chr2	55496205	55496606	chr2	55496584	55496725	T-rich	Low_complexity	Low_complexity
chr2	55845818	55846219	chr2	55845772	55845956	AluSc8	SINE	Alu
chr2	55920752	55921153	.	.	.	.	.	.
chr2	58274232	58274633	.	.	.	.	.	.
chr2	60983241	60983642	.	.	.	.	.	.
chr2	63815801	63816202	.	.	.	.	.	.
chr2	64246338	64246739	chr2	64246359	64246472	(CCG)n	Simple_repeat	Simple_repeat
chr2	64246338	64246739	chr2	64246563	64246623	GC_rich	Low_complexity	Low_complexity
chr2	64371497	64371898	.	.	.	.	.	.
chr2	64751252	64751653	.	.	.	.	.	.
chr2	65357172	65357573	.	.	.	.	.	.
chr2	68384532	68384933	.	.	.	.	.	.
chr2	68694334	68694735	.	.	.	.	.	.
chr2	69240317	69240718	.	.	.	.	.	.
chr2	69870914	69871315	.	.	.	.	.	.
chr2	70314333	70314734	chr2	70314644	70314716	C-rich	Low_complexity	Low_complexity
chr2	70417691	70418092	.	.	.	.	.	.
chr2	71295547	71295948	.	.	.	.	.	.
chr2	73053021	73053422	.	.	.	.	.	.
chr2	73298735	73299136	.	.	.	.	.	.
chr2	73441157	73441558	.	.	.	.	.	.
chr2	73461236	73461637	.	.	.	.	.	.
chr2	73964365	73964766	chr2	73964703	73964823	MIR3	SINE	MIR
chr2	74681920	74682321	chr2	74681806	74681963	L2c	LINE	L2
chr2	74699623	74700024	.	.	.	.	.	.
chr2	74710050	74710451	.	.	.	.	.	.
chr2	74756759	74757160	.	.	.	.	.	.
chr2	75873688	75874089	chr2	75873485	75873781	L2b	LINE	L2
chr2	84686435	84686836	.	.	.	.	.	.
chr2	85581634	85582035	.	.	.	.	.	.
chr2	85829740	85830141	.	.	.	.	.	.
chr2	86332531	86332932	.	.	.	.	.	.
chr2	86421885	86422286	.	.	.	.	.	.
chr2	88990878	88991279	chr2	88991260	88991302	GC_rich	Low_complexity	Low_complexity

chr2	95831255	95831656	.	.	.	.	.	.
chr2	96931664	96932065	.	.	.	.	.	.
chr2	96971073	96971474	.	.	.	.	.	.
chr2	97202124	97202525	chr2	97202414	97202474	(CGGGG)n	Simple_repeat	Simple_repeat
chr2	97405799	97406200	chr2	97406169	97406384	L1M4	LINE	L1
chr2	99771228	99771629	.	.	.	.	.	.
chr2	99797409	99797810	.	.	.	.	.	.
chr2	99952775	99953176	.	.	.	.	.	.
chr2	101618540	101618941	chr2	101618893	101618930	L3b	LINE	CR1
chr2	105953766	105954167	.	.	.	.	.	.
chr2	109065463	109065864	chr2	109065374	109065494	MIRc	SINE	MIR
chr2	112641521	112641922	.	.	.	.	.	.
chr2	113239436	113239837	chr2	113239588	113239610	GC_rich	Low_complexity	Low_complexity
chr2	113239436	113239837	chr2	113239656	113239680	GC_rich	Low_complexity	Low_complexity
chr2	113239436	113239837	chr2	113239694	113239722	GC_rich	Low_complexity	Low_complexity
chr2	113239436	113239837	chr2	113239748	113239845	GC_rich	Low_complexity	Low_complexity
chr2	113299754	113300155	.	.	.	.	.	.
chr2	113522013	113522414	chr2	113522411	113522432	GC_rich	Low_complexity	Low_complexity
chr2	120124180	120124581	.	.	.	.	.	.
chr2	122288129	122288530	chr2	122288178	122288217	GC_rich	Low_complexity	Low_complexity
chr2	128284232	128284633	.	.	.	.	.	.
chr2	128643784	128644185	chr2	128644183	128644215	(CCTCG)n	Simple_repeat	Simple_repeat
chr2	128785585	128785986	.	.	.	.	.	.
chr2	133012541	133012942	chr2	133011919	133013768	SSU-rRNA_H	rRNA	rRNA
chr2	133016700	133017101	chr2	133016676	133016706	(CCTG)n	Simple_repeat	Simple_repeat
chr2	133016700	133017101	chr2	133016707	133016873	AluJb	SINE	Alu
chr2	135675995	135676396	chr2	135676051	135676092	(TCCCC)n	Simple_repeat	Simple_repeat
chr2	135809700	135810101	chr2	135809787	135809822	GC_rich	Low_complexity	Low_complexity
chr2	136288257	136288658	.	.	.	.	.	.
chr2	136498923	136499324	.	.	.	.	.	.
chr2	148778255	148778656	.	.	.	.	.	.
chr2	149402058	149402459	chr2	149402211	149402258	G-rich	Low_complexity	Low_complexity
chr2	149402058	149402459	chr2	149402391	149402413	GC_rich	Low_complexity	Low_complexity
chr2	149632487	149632888	.	.	.	.	.	.
chr2	153191405	153191806	chr2	153191616	153191649	GC_rich	Low_complexity	Low_complexity
chr2	153573752	153574153	.	.	.	.	.	.
chr2	162016722	162017123	chr2	162016743	162016839	(CGGGG)n	Simple_repeat	Simple_repeat
chr2	162164761	162165162	.	.	.	.	.	.
chr2	166430480	166430881	.	.	.	.	.	.
chr2	169746847	169747248	.	.	.	.	.	.
chr2	170430227	170430628	chr2	170430618	170430813	MER5C	DNA	hAT-Charlie
chr2	170655222	170655623	chr2	170655617	170655673	GC_rich	Low_complexity	Low_complexity
chr2	171785505	171785906	.	.	.	.	.	.
chr2	172290523	172290924	.	.	.	.	.	.
chr2	172543726	172544127	.	.	.	.	.	.
chr2	175260261	175260662	.	.	.	.	.	.
chr2	176032733	176033134	.	.	.	.	.	.
chr2	176866819	176867220	.	.	.	.	.	.
chr2	178257207	178257608	.	.	.	.	.	.
chr2	178417534	178417935	.	.	.	.	.	.
chr2	178483497	178483898	.	.	.	.	.	.
chr2	179315464	179315865	chr2	179315471	179315492	GC_rich	Low_complexity	Low_complexity
chr2	180871867	180872268	.	.	.	.	.	.
chr2	183580748	183581149	.	.	.	.	.	.
chr2	187350738	187351139	.	.	.	.	.	.
chr2	197504083	197504484	.	.	.	.	.	.
chr2	197664242	197664643	.	.	.	.	.	.
chr2	198299708	198300109	chr2	198300044	198300196	FRAM	SINE	Alu
chr2	198317945	198318346	.	.	.	.	.	.
chr2	198364529	198364930	.	.	.	.	.	.
chr2	200820218	200820619	.	.	.	.	.	.
chr2	201374514	201374915	chr2	201374752	201374781	GC_rich	Low_complexity	Low_complexity
chr2	201374514	201374915	chr2	201374903	201374929	(CACGC)n	Simple_repeat	Simple_repeat
chr2	202096921	202097322	chr2	202096832	202096946	LTR41	LTR	ERVL
chr2	202096921	202097322	chr2	202096980	202097274	LTR41	LTR	ERVL
chr2	202316130	202316531	chr2	202316506	202316559	GC_rich	Low_complexity	Low_complexity
chr2	203130294	203130695	chr2	203130187	203130311	AluSc	SINE	Alu
chr2	203776479	203776880	chr2	203776559	203776582	AT_rich	Low_complexity	Low_complexity
chr2	204103849	204104250	.	.	.	.	.	.
chr2	204192574	204192975	.	.	.	.	.	.
chr2	207024319	207024720	.	.	.	.	.	.
chr2	207629599	207630000	chr2	207629532	207629860	L2c	LINE	L2
chr2	214148909	214149310	.	.	.	.	.	.
chr2	216176597	216176998	.	.	.	.	.	.
chr2	217276911	217277312	.	.	.	.	.	.
chr2	219134942	219135343	.	.	.	.	.	.
chr2	219433290	219433691	.	.	.	.	.	.
chr2	219575249	219575650	chr2	219575053	219575343	AluJr	SINE	Alu
chr2	220084045	220084446	.	.	.	.	.	.
chr2	220143828	220144229	chr2	220144184	220144213	GC_rich	Low_complexity	Low_complexity
chr2	220363376	220363777	.	.	.	.	.	.
chr2	224702090	224702491	chr2	224702055	224702092	GC_rich	Low_complexity	Low_complexity
chr2	224702090	224702491	chr2	224702383	224702477	CT-rich	Low_complexity	Low_complexity
chr2	224821945	224822346	.	.	.	.	.	.
chr2	230786763	230787164	.	.	.	.	.	.
chr2	232063052	232063453	chr2	232063017	232063136	L2b	LINE	L2
chr2	232646127	232646528	.	.	.	.	.	.
chr2	232826192	232826593	.	.	.	.	.	.
chr2	234475259	234475660	chr2	234475634	234475970	(TTATA)n	Simple_repeat	Simple_repeat
chr2	236402294	236402695	chr2	236402360	236402383	GC_rich	Low_complexity	Low_complexity
chr2	236402294	236402695	chr2	236402457	236402496	GC_rich	Low_complexity	Low_complexity
chr2	236402294	236402695	chr2	236402629	236402674	(CGGGGG)n	Simple_repeat	Simple_repeat
chr2	238969182	238969583	.	.	.	.	.	.
chr2	239112175	239112576	chr2	239112262	239112315	GC_rich	Low_complexity	Low_complexity
chr2	239112175	239112576	chr2	239112352	239112424	GC_rich	Low_complexity	Low_complexity
chr2	240964613	240965014	chr2	240964582	240964644	(CCCA)n	Simple_repeat	Simple_repeat
chr2	241525591	241525992	.	.	.	.	.	.
chr2	242089559	242089960	.	.	.	.	.	.
chr2	242447952	242448353	.	.	.	.	.	.
chr2	242556761	242557162	chr2	242557028	242557067	L3	LINE	CR1
chr20	278036	278437	chr20	278151	278174	GC_rich	Low_complexity	Low_complexity
chr20	278036	278437	chr20	278283	278312	GC_rich	Low_complexity	Low_complexity
chr20	524576	524977	.	.	.	.	.	.
chr20	1305879	1306280	.	.	.	.	.	.
chr20	2451468	2451869	chr20	2451669	2452117	L2a	LINE	L2

chr20	2489558	2489959	.	.	.	.	.	.
chr20	2633389	2633790	chr20	2633767	2633848	MER5B	DNA	hAT-Charlie
chr20	3026442	3026843	.	.	.	.	.	.
chr20	3761935	3762336	.	.	.	.	.	.
chr20	3801159	3801560	.	.	.	.	.	.
chr20	10414644	10415045	.	.	.	.	.	.
chr20	10415658	10416059	.	.	.	.	.	.
chr20	13765378	13765779	.	.	.	.	.	.
chr20	17949429	17949830	.	.	.	.	.	.
chr20	18268888	18269289	.	.	.	.	.	.
chr20	18477683	18478084	.	.	.	.	.	.
chr20	18774460	18774861	chr20	18774597	18775095	MLT2F	LTR	ERVL
chr20	19997746	19998147	.	.	.	.	.	.
chr20	20033176	20033577	.	.	.	.	.	.
chr20	20693385	20693786	.	.	.	.	.	.
chr20	21106530	21106931	chr20	21106484	21106641	(CCCCG)n	Simple_repeat	Simple_repeat
chr20	21283687	21284088	.	.	.	.	.	.
chr20	23331121	23331522	.	.	.	.	.	.
chr20	23401958	23402359	.	.	.	.	.	.
chr20	25677339	25677740	.	.	.	.	.	.
chr20	25990202	25990603	chr20	25990164	25990338	AluSx	SINE	Alu
chr20	26189906	26190307	.	.	.	.	.	.
chr20	30326753	30327154	.	.	.	.	.	.
chr20	30697122	30697523	chr20	30696994	30697126	L2a	LINE	L2
chr20	30795403	30795804	chr20	30795628	30795657	GC_rich	Low_complexity	Low_complexity
chr20	30945794	30946195	.	.	.	.	.	.
chr20	31989170	31989571	chr20	31989429	31989655	MER33	DNA	hAT-Charlie
chr20	32308094	32308495	.	.	.	.	.	.
chr20	32319551	32319952	.	.	.	.	.	.
chr20	32398773	32399174	chr20	32399081	32399201	G-rich	Low_complexity	Low_complexity
chr20	32699974	32700375	.	.	.	.	.	.
chr20	32890635	32891036	chr20	32890806	32890834	GC_rich	Low_complexity	Low_complexity
chr20	32900488	32900889	chr20	32900721	32900829	MIRc	SINE	MIR
chr20	32900488	32900889	chr20	32900882	32901182	AluJo	SINE	Alu
chr20	32950834	32951235	chr20	32950649	32950838	MER5A	DNA	hAT-Charlie
chr20	33264827	33265228	chr20	33264896	33264917	GC_rich	Low_complexity	Low_complexity
chr20	33680540	33680941	.	.	.	.	.	.
chr20	33734969	33735370	chr20	33735329	33735434	MIRb	SINE	MIR
chr20	33999594	33999995	.	.	.	.	.	.
chr20	34129747	34130148	.	.	.	.	.	.
chr20	34287085	34287486	.	.	.	.	.	.
chr20	34824140	34824541	.	.	.	.	.	.
chr20	35724311	35724712	.	.	.	.	.	.
chr20	35917874	35918275	chr20	35918263	35918377	MIR3	SINE	MIR
chr20	36661897	36662298	.	.	.	.	.	.
chr20	37101171	37101572	.	.	.	.	.	.
chr20	37590852	37591253	.	.	.	.	.	.
chr20	42087707	42088108	.	.	.	.	.	.
chr20	42142726	42143127	.	.	.	.	.	.
chr20	42816830	42817231	chr20	42817033	42817261	(TG)n	Simple_repeat	Simple_repeat
chr20	42839184	42839585	.	.	.	.	.	.
chr20	44044521	44044922	.	.	.	.	.	.
chr20	44486177	44486578	.	.	.	.	.	.
chr20	44509838	44510239	chr20	44510118	44510230	MIRc	SINE	MIR
chr20	46130383	46130784	chr20	46130655	46130707	(CGG)n	Simple_repeat	Simple_repeat
chr20	47538342	47538743	chr20	47538308	47538359	GC_rich	Low_complexity	Low_complexity
chr20	47538342	47538743	chr20	47538382	47538426	GC_rich	Low_complexity	Low_complexity
chr20	47538342	47538743	chr20	47538676	47538799	MIR3	SINE	MIR
chr20	47804921	47805322	chr20	47804920	47804980	C-rich	Low_complexity	Low_complexity
chr20	47804921	47805322	chr20	47805177	47805268	CT-rich	Low_complexity	Low_complexity
chr20	47804921	47805322	chr20	47805279	47805439	L2a	LINE	L2
chr20	47894876	47895277	.	.	.	.	.	.
chr20	48532027	48532428	.	.	.	.	.	.
chr20	48732331	48732732	chr20	48732657	48732804	MIR	SINE	MIR
chr20	49545937	49546338	.	.	.	.	.	.
chr20	54967384	54967785	.	.	.	.	.	.
chr20	55964264	55964665	chr20	55964346	55964388	GC_rich	Low_complexity	Low_complexity
chr20	55964264	55964665	chr20	55964433	55964464	GC_rich	Low_complexity	Low_complexity
chr20	57226035	57226436	.	.	.	.	.	.
chr20	57607013	57607414	.	.	.	.	.	.
chr20	57617375	57617776	.	.	.	.	.	.
chr20	58515662	58516063	.	.	.	.	.	.
chr20	60757833	60758234	.	.	.	.	.	.
chr20	60961871	60962272	chr20	60962215	60962297	(CTGGGG)n	Simple_repeat	Simple_repeat
chr20	61847468	61847869	chr20	61847465	61847504	(CGG)n	Simple_repeat	Simple_repeat
chr20	61847468	61847869	chr20	61847535	61847570	GC_rich	Low_complexity	Low_complexity
chr20	61903961	61904362	.	.	.	.	.	.
chr20	62169127	62169528	.	.	.	.	.	.
chr20	62259634	62260035	chr20	62259919	62260050	FLAM_C	SINE	Alu
chr20	62289703	62290104	chr20	62290061	62290133	MIRc	SINE	MIR
chr20	62339123	62339524	.	.	.	.	.	.
chr20	62496134	62496535	chr20	62495834	62496145	AluSq	SINE	Alu
chr20	62612219	62612620	.	.	.	.	.	.
chr20	62694215	62694616	chr20	62694448	62694481	GC_rich	Low_complexity	Low_complexity
chr20	62694215	62694616	chr20	62694501	62694523	GC_rich	Low_complexity	Low_complexity
chr21	9827180	9827581	chr21	9827004	9827578	SSU-rRNA_H	rRNA	rRNA
chr21	9827180	9827581	chr21	9827578	9827850	L1PA10	LINE	L1
chr21	15755350	15755751	.	.	.	.	.	.
chr21	26979642	26980043	.	.	.	.	.	.
chr21	27107120	27107521	.	.	.	.	.	.
chr21	30396808	30397209	.	.	.	.	.	.
chr21	30445782	30446183	.	.	.	.	.	.
chr21	33104200	33104601	chr21	33104472	33104545	(CCCCG)n	Simple_repeat	Simple_repeat
chr21	33104200	33104601	chr21	33104588	33104627	GC_rich	Low_complexity	Low_complexity
chr21	33651153	33651554	.	.	.	.	.	.
chr21	34863831	34864232	.	.	.	.	.	.
chr21	34915156	34915557	.	.	.	.	.	.
chr21	35013957	35014358	.	.	.	.	.	.
chr21	35287997	35288398	.	.	.	.	.	.
chr21	35747585	35747986	.	.	.	.	.	.
chr21	35987440	35987841	.	.	.	.	.	.
chr21	38639819	38640220	.	.	.	.	.	.
chr21	40817526	40817927	.	.	.	.	.	.
chr21	43299338	43299739	chr21	43299234	43299366	(CGGGG)n	Simple_repeat	Simple_repeat
chr21	43299338	43299739	chr21	43299457	43299478	GC_rich	Low_complexity	Low_complexity

chr21	43299338	43299739	chr21	43299497	43299608	G-rich	Low_complexity	Low_complexity
chr21	45079146	45079547	chr21	45078896	45079205	AluJr	SINE	Alu
chr21	45079146	45079547	chr21	45079415	45079438	GC_rich	Low_complexity	Low_complexity
chr21	46221552	46221953	.	.	.	.	.	.
chr21	46359691	46360092	chr21	46360034	46360098	GC_rich	Low_complexity	Low_complexity
chr21	46962217	46962618	chr21	46962362	46962399	GC_rich	Low_complexity	Low_complexity
chr21	47878412	47878813	chr21	47878459	47878494	GC_rich	Low_complexity	Low_complexity
chr22	17640048	17640449	chr22	17640042	17640089	GC_rich	Low_complexity	Low_complexity
chr22	18560462	18560863	.	.	.	.	.	.
chr22	19132083	19132484	.	.	.	.	.	.
chr22	19466887	19467288	.	.	.	.	.	.
chr22	19842403	19842804	.	.	.	.	.	.
chr22	20067264	20067665	.	.	.	.	.	.
chr22	20104703	20105104	.	.	.	.	.	.
chr22	20748170	20748571	.	.	.	.	.	.
chr22	20861629	20862030	.	.	.	.	.	.
chr22	21271471	21271872	chr22	21271654	21271685	GC_rich	Low_complexity	Low_complexity
chr22	21336262	21336663	.	.	.	.	.	.
chr22	21921786	21922187	chr22	21921814	21921918	L2b	LINE	L2
chr22	21921786	21922187	chr22	21921757	21921804	L2a	LINE	L2
chr22	22020065	22020466	.	.	.	.	.	.
chr22	22337008	22337409	.	.	.	.	.	.
chr22	24059351	24059752	.	.	.	.	.	.
chr22	24951714	24952115	.	.	.	.	.	.
chr22	29137702	29138103	.	.	.	.	.	.
chr22	29168455	29168856	chr22	29168411	29168508	MIR	SINE	MIR
chr22	30162815	30163216	.	.	.	.	.	.
chr22	30752442	30752843	chr22	30752393	30752541	MER5A1	DNA	hAT-Charlie
chr22	30819845	30820246	.	.	.	.	.	.
chr22	30987989	30988390	.	.	.	.	.	.
chr22	31743327	31743728	chr22	31743717	31743855	MIRc	SINE	MIR
chr22	31795235	31795636	.	.	.	.	.	.
chr22	36903006	36903407	.	.	.	.	.	.
chr22	36925335	36925736	chr22	36925645	36925755	MIRb	SINE	MIR
chr22	37447552	37447953	chr22	37447628	37447681	(CGGGG)n	Simple_repeat	Simple_repeat
chr22	37447552	37447953	chr22	37447824	37447856	GC_rich	Low_complexity	Low_complexity
chr22	38245166	38245567	chr22	38244999	38245287	AluSp	SINE	Alu
chr22	38349479	38349880	.	.	.	.	.	.
chr22	39898172	39898573	.	.	.	.	.	.
chr22	40766360	40766761	chr22	40766061	40766379	AluSx1	SINE	Alu
chr22	41215017	41215418	.	.	.	.	.	.
chr22	41600972	41601373	chr22	41600983	41601045	L2a	LINE	L2
chr22	41682155	41682556	.	.	.	.	.	.
chr22	41844513	41844914	chr22	41844472	41844523	C-rich	Low_complexity	Low_complexity
chr22	41844513	41844914	chr22	41844759	41844899	MIRb	SINE	MIR
chr22	41864483	41864884	.	.	.	.	.	.
chr22	42342158	42342559	.	.	.	.	.	.
chr22	42915576	42915977	.	.	.	.	.	.
chr22	42977832	42978233	.	.	.	.	.	.
chr22	43010819	43011220	.	.	.	.	.	.
chr22	43485275	43485676	chr22	43485407	43485428	GC_rich	Low_complexity	Low_complexity
chr22	43583503	43583904	chr22	43583855	43584015	BLACKJACK	DNA	hAT-Blackjack
chr22	44208145	44208546	.	.	.	.	.	.
chr22	44351034	44351435	.	.	.	.	.	.
chr22	46692505	46692906	.	.	.	.	.	.
chr22	47158578	47158979	.	.	.	.	.	.
chr22	50624057	50624458	chr22	50623959	50624156	MIRc	SINE	MIR
chr22	50624057	50624458	chr22	50624167	50624205	GC_rich	Low_complexity	Low_complexity
chr22	50624057	50624458	chr22	50624311	50624350	(CCCCG)n	Simple_repeat	Simple_repeat
chr22	50624057	50624458	chr22	50624455	50624551	G-rich	Low_complexity	Low_complexity
chr22	50638205	50638606	.	.	.	.	.	.
chr22	50963509	50963910	.	.	.	.	.	.
chr22	51020766	51021167	chr22	51020832	51020891	GC_rich	Low_complexity	Low_complexity
chr3	3221187	3221588	.	.	.	.	.	.
chr3	4344785	4345186	chr3	4345170	4345204	GC_rich	Low_complexity	Low_complexity
chr3	4534730	4535131	chr3	4535084	4535136	(GGA)n	Simple_repeat	Simple_repeat
chr3	9004970	9005371	.	.	.	.	.	.
chr3	9404613	9405014	.	.	.	.	.	.
chr3	9438548	9438949	.	.	.	.	.	.
chr3	9958599	9959000	.	.	.	.	.	.
chr3	11313771	11314172	.	.	.	.	.	.
chr3	12598242	12598643	.	.	.	.	.	.
chr3	12882865	12883266	.	.	.	.	.	.
chr3	14166202	14166603	.	.	.	.	.	.
chr3	14219693	14220094	.	.	.	.	.	.
chr3	14692899	14693300	.	.	.	.	.	.
chr3	15106650	15107051	.	.	.	.	.	.
chr3	15373616	15374017	chr3	15373790	15373853	CT-rich	Low_complexity	Low_complexity
chr3	15643309	15643710	.	.	.	.	.	.
chr3	23958363	23958764	.	.	.	.	.	.
chr3	25469471	25469872	.	.	.	.	.	.
chr3	28390395	28390796	chr3	28390635	28390663	GC_rich	Low_complexity	Low_complexity
chr3	32147726	32148127	chr3	32148050	32148082	GC_rich	Low_complexity	Low_complexity
chr3	33481999	33482400	.	.	.	.	.	.
chr3	37217678	37218079	.	.	.	.	.	.
chr3	37284987	37285388	.	.	.	.	.	.
chr3	39196005	39196406	chr3	39195993	39196174	L2c	LINE	L2
chr3	39424658	39425059	.	.	.	.	.	.
chr3	39448247	39448648	.	.	.	.	.	.
chr3	40350920	40351321	chr3	40351234	40351276	(TCC)n	Simple_repeat	Simple_repeat
chr3	40498478	40498879	chr3	40498717	40498742	(CACG)n	Simple_repeat	Simple_repeat
chr3	41240634	41241035	.	.	.	.	.	.
chr3	43147410	43147811	.	.	.	.	.	.
chr3	44802965	44803366	.	.	.	.	.	.
chr3	45429843	45430244	chr3	45429935	45429977	GC_rich	Low_complexity	Low_complexity
chr3	46037136	46037537	.	.	.	.	.	.
chr3	47018035	47018436	chr3	47018369	47018406	(CCCCG)n	Simple_repeat	Simple_repeat
chr3	47422221	47422622	.	.	.	.	.	.
chr3	47517259	47517660	chr3	47517313	47517356	(CGG)n	Simple_repeat	Simple_repeat
chr3	47517259	47517660	chr3	47517573	47517596	(CCGGG)n	Simple_repeat	Simple_repeat
chr3	47554707	47555108	chr3	47554481	47554781	AluSx	SINE	Alu
chr3	47844390	47844791	.	.	.	.	.	.
chr3	48229998	48230399	.	.	.	.	.	.
chr3	48282319	48282720	.	.	.	.	.	.
chr3	48481356	48481757	chr3	48481231	48481413	L2	LINE	L2

chr3	48936167	48936568	chr3	48936537	48937014	L2a	LINE	L2
chr3	48956099	48956500	.	.	.	.	.	.
chr3	49203644	49204045	.	.	.	.	.	.
chr3	49449386	49449787	.	.	.	.	.	.
chr3	49466525	49466926	chr3	49466847	49467152	AluSx1	SINE	Alu
chr3	49967115	49967516	.	.	.	.	.	.
chr3	49977246	49977647	.	.	.	.	.	.
chr3	50126135	50126536	.	.	.	.	.	.
chr3	50329750	50330151	.	.	.	.	.	.
chr3	50365571	50365972	.	.	.	.	.	.
chr3	50388333	50388734	.	.	.	.	.	.
chr3	50396915	50397316	.	.	.	.	.	.
chr3	50606644	50607045	.	.	.	.	.	.
chr3	51534108	51534509	chr3	51534132	51534168	(A)n	Simple_repeat	Simple_repeat
chr3	52007812	52008213	.	.	.	.	.	.
chr3	52029725	52030126	.	.	.	.	.	.
chr3	52188538	52188939	chr3	52188810	52188844	AluSp	SINE	Alu
chr3	52312401	52312802	chr3	52312377	52312472	(CGGGG)n	Simple_repeat	Simple_repeat
chr3	52312401	52312802	chr3	52312701	52312787	(CGGGG)n	Simple_repeat	Simple_repeat
chr3	52739888	52740289	.	.	.	.	.	.
chr3	53381480	53381881	.	.	.	.	.	.
chr3	57541589	57541990	.	.	.	.	.	.
chr3	57583209	57583610	.	.	.	.	.	.
chr3	57741759	57742160	.	.	.	.	.	.
chr3	58419652	58420053	chr3	58419926	58420018	L3	LINE	CR1
chr3	58419652	58420053	chr3	58420042	58420179	MIR	SINE	MIR
chr3	61235645	61236046	chr3	61235607	61235664	(CA)n	Simple_repeat	Simple_repeat
chr3	67048350	67048751	.	.	.	.	.	.
chr3	69135458	69135859	.	.	.	.	.	.
chr3	69788302	69788703	.	.	.	.	.	.
chr3	75834624	75835025	.	.	.	.	.	.
chr3	88198802	88199203	.	.	.	.	.	.
chr3	97483157	97483558	.	.	.	.	.	.
chr3	98241705	98242106	chr3	98241803	98241853	GC_rich	Low_complexity	Low_complexity
chr3	98241705	98242106	chr3	98242010	98242145	MIR3	SINE	MIR
chr3	98312309	98312710	.	.	.	.	.	.
chr3	99979414	99979815	chr3	99979587	99979610	GC_rich	Low_complexity	Low_complexity
chr3	100119774	100120175	.	.	.	.	.	.
chr3	101405321	101405722	.	.	.	.	.	.
chr3	101443563	101443964	.	.	.	.	.	.
chr3	101497850	101498251	.	.	.	.	.	.
chr3	112709552	112709953	.	.	.	.	.	.
chr3	112738070	112738471	.	.	.	.	.	.
chr3	113464890	113465291	chr3	113465097	113465129	GC_rich	Low_complexity	Low_complexity
chr3	113775245	113775646	.	.	.	.	.	.
chr3	119217107	119217508	chr3	119216948	119217116	AluSq	SINE	Alu
chr3	119395788	119396189	chr3	119395850	119395879	(CGGGG)n	Simple_repeat	Simple_repeat
chr3	119395788	119396189	chr3	119395884	119395972	G-rich	Low_complexity	Low_complexity
chr3	120461013	120461414	chr3	120461002	120461028	AT_rich	Low_complexity	Low_complexity
chr3	121468630	121469031	.	.	.	.	.	.
chr3	122233656	122234057	.	.	.	.	.	.
chr3	122785619	122786020	chr3	122785538	122785705	MIRb	SINE	MIR
chr3	122920599	122921000	.	.	.	.	.	.
chr3	123304110	123304511	.	.	.	.	.	.
chr3	124449099	124449500	.	.	.	.	.	.
chr3	125094018	125094419	chr3	125094091	125094146	(TCC)n	Simple_repeat	Simple_repeat
chr3	126422816	126423217	chr3	126423202	126423323	(CGGGG)n	Simple_repeat	Simple_repeat
chr3	127770910	127771311	chr3	127771156	127771182	(CGCGG)n	Simple_repeat	Simple_repeat
chr3	127770910	127771311	chr3	127771236	127771260	(CCGCG)n	Simple_repeat	Simple_repeat
chr3	127842597	127842998	.	.	.	.	.	.
chr3	128879906	128880307	.	.	.	.	.	.
chr3	128902733	128903134	.	.	.	.	.	.
chr3	129118083	129118484	chr3	129117915	129118219	AluSx1	SINE	Alu
chr3	129409184	129409585	chr3	129409328	129409481	MLT1J1	LTR	ERVL-MaLR
chr3	130745492	130745893	.	.	.	.	.	.
chr3	139062623	139063024	.	.	.	.	.	.
chr3	149470176	149470577	chr3	149470412	149470519	L2a	LINE	L2
chr3	149470176	149470577	chr3	149470528	149470707	MIR	SINE	MIR
chr3	150264346	150264747	.	.	.	.	.	.
chr3	151986606	151987007	.	.	.	.	.	.
chr3	155572130	155572531	chr3	155572394	155572417	GC_rich	Low_complexity	Low_complexity
chr3	156272891	156273292	.	.	.	.	.	.
chr3	156877793	156878194	chr3	156877772	156877800	(TCG)n	Simple_repeat	Simple_repeat
chr3	158288737	158289138	.	.	.	.	.	.
chr3	158362101	158362502	.	.	.	.	.	.
chr3	160117200	160117601	.	.	.	.	.	.
chr3	160472728	160473129	.	.	.	.	.	.
chr3	167452563	167452964	.	.	.	.	.	.
chr3	169939683	169940084	.	.	.	.	.	.
chr3	178865704	178866105	.	.	.	.	.	.
chr3	180319693	180320094	.	.	.	.	.	.
chr3	180630320	180630721	chr3	180630373	180630423	C-rich	Low_complexity	Low_complexity
chr3	183353121	183353522	.	.	.	.	.	.
chr3	183602506	183602907	.	.	.	.	.	.
chr3	183735612	183736013	.	.	.	.	.	.
chr3	183851823	183852224	chr3	183851726	183851863	L3b	LINE	CR1
chr3	183892379	183892780	chr3	183892288	183892406	L1M4b	LINE	L1
chr3	183892379	183892780	chr3	183892599	183892642	GC_rich	Low_complexity	Low_complexity
chr3	183903545	183903946	.	.	.	.	.	.
chr3	184016604	184017005	.	.	.	.	.	.
chr3	184054650	184055051	.	.	.	.	.	.
chr3	186524027	186524428	.	.	.	.	.	.
chr3	196466399	196466800	.	.	.	.	.	.
chr3	196669196	196669597	.	.	.	.	.	.
chr3	197676855	197677256	.	.	.	.	.	.
chr4	667888	668289	chr4	667798	667960	G-rich	Low_complexity	Low_complexity
chr4	699025	699426	chr4	698745	699213	(CCCTAA)n	Simple_repeat	Simple_repeat
chr4	699025	699426	chr4	699382	699537	(CCCCG)n	Simple_repeat	Simple_repeat
chr4	1283429	1283830	chr4	1283827	1283900	GC_rich	Low_complexity	Low_complexity
chr4	1722731	1723132	chr4	1722740	1722765	GC_rich	Low_complexity	Low_complexity
chr4	1722731	1723132	chr4	1722782	1722807	GC_rich	Low_complexity	Low_complexity
chr4	1857830	1858231	chr4	1857873	1857902	GC_rich	Low_complexity	Low_complexity
chr4	2243665	2244066	chr4	2244022	2244164	(CGGGG)n	Simple_repeat	Simple_repeat
chr4	2420415	2420816	chr4	2420399	2420533	GC_rich	Low_complexity	Low_complexity
chr4	2470340	2470741	chr4	2470617	2470640	GC_rich	Low_complexity	Low_complexity

chr4	2965048	2965449	chr4	2965357	2965397	GC_rich	Low_complexity	Low_complexity
chr4	3076215	3076616	chr4	3076330	3076379	GC_rich	Low_complexity	Low_complexity
chr4	3076215	3076616	chr4	3076603	3076667	(CAG)n	Simple_repeat	Simple_repeat
chr4	3534019	3534420	.	.	.	.	.	.
chr4	4543606	4544007	.	.	.	.	.	.
chr4	8160531	8160932	chr4	8160482	8160644	C-rich	Low_complexity	Low_complexity
chr4	8160531	8160932	chr4	8160921	8161105	MIR3	SINE	MIR
chr4	13629162	13629563	chr4	13629121	13629194	(CGG)n	Simple_repeat	Simple_repeat
chr4	18023619	18024020	.	.	.	.	.	.
chr4	25161856	25162257	chr4	25162105	25162140	(CAAAA)n	Simple_repeat	Simple_repeat
chr4	25314163	25314564	.	.	.	.	.	.
chr4	25915664	25916065	chr4	25915702	25915814	C-rich	Low_complexity	Low_complexity
chr4	26585448	26585849	.	.	.	.	.	.
chr4	41936905	41937306	.	.	.	.	.	.
chr4	47916623	47917024	.	.	.	.	.	.
chr4	48832882	48833283	.	.	.	.	.	.
chr4	52710758	52711159	chr4	52710955	52710976	GC_rich	Low_complexity	Low_complexity
chr4	56252190	56252591	chr4	56251940	56252287	MLT2C1	LTR	ERVL
chr4	56252190	56252591	chr4	56252292	56252750	MLT1J	LTR	ERVL-MaLR
chr4	57333566	57333967	.	.	.	.	.	.
chr4	57843622	57844023	.	.	.	.	.	.
chr4	57844832	57845233	.	.	.	.	.	.
chr4	69215588	69215989	.	.	.	.	.	.
chr4	71553959	71554360	.	.	.	.	.	.
chr4	88141601	88142002	chr4	88141700	88141729	GC_rich	Low_complexity	Low_complexity
chr4	88343542	88343943	.	.	.	.	.	.
chr4	89444687	89445088	.	.	.	.	.	.
chr4	99850165	99850566	chr4	99850450	99850470	(T)n	Simple_repeat	Simple_repeat
chr4	100484950	100485351	.	.	.	.	.	.
chr4	100815380	100815781	chr4	100815685	100815751	(CCCCG)n	Simple_repeat	Simple_repeat
chr4	104020845	104021246	.	.	.	.	.	.
chr4	106395051	106395452	.	.	.	.	.	.
chr4	106629690	106630091	.	.	.	.	.	.
chr4	108641354	108641755	.	.	.	.	.	.
chr4	109541516	109541917	.	.	.	.	.	.
chr4	119604721	119605122	chr4	119604494	119605003	LTR33A	LTR	ERVL
chr4	119604721	119605122	chr4	119605050	119605167	L2a	LINE	L2
chr4	123844011	123844412	.	.	.	.	.	.
chr4	128886250	128886651	.	.	.	.	.	.
chr4	140004881	140005282	.	.	.	.	.	.
chr4	140222384	140222785	.	.	.	.	.	.
chr4	141445194	141445595	.	.	.	.	.	.
chr4	144105946	144106347	chr4	144105927	144105983	G-rich	Low_complexity	Low_complexity
chr4	144257050	144257451	chr4	144257279	144257321	(TCCC)n	Simple_repeat	Simple_repeat
chr4	144257050	144257451	chr4	144257404	144257471	G-rich	Low_complexity	Low_complexity
chr4	146101548	146101949	.	.	.	.	.	.
chr4	152020491	152020892	.	.	.	.	.	.
chr4	152681967	152682368	.	.	.	.	.	.
chr4	159593041	159593442	.	.	.	.	.	.
chr4	169931355	169931756	chr4	169931681	169931767	MER81	DNA	hAT-Blackjack
chr4	170678867	170679268	.	.	.	.	.	.
chr4	174255892	174256293	.	.	.	.	.	.
chr4	174291784	174292185	chr4	174291850	174291872	(A)n	Simple_repeat	Simple_repeat
chr4	184365488	184365889	.	.	.	.	.	.
chr4	184425262	184425663	.	.	.	.	.	.
chr4	186316960	186317361	.	.	.	.	.	.
chr4	186346957	186347358	.	.	.	.	.	.
chr4	190861721	190862122	.	.	.	.	.	.
chr5	218935	219336	.	.	.	.	.	.
chr5	271420	271821	chr5	271129	271426	AluJb	SINE	Alu
chr5	892785	893186	chr5	892772	892804	GC_rich	Low_complexity	Low_complexity
chr5	1345045	1345446	chr5	1344956	1345049	GC_rich	Low_complexity	Low_complexity
chr5	1345045	1345446	chr5	1345168	1345204	GC_rich	Low_complexity	Low_complexity
chr5	1633868	1634269	chr5	1633710	1633897	G-rich	Low_complexity	Low_complexity
chr5	1708002	1708403	chr5	1708131	1708164	(TG)n	Simple_repeat	Simple_repeat
chr5	1708002	1708403	chr5	1708190	1708349	(TG)n	Simple_repeat	Simple_repeat
chr5	5422160	5422561	.	.	.	.	.	.
chr5	6378310	6378711	.	.	.	.	.	.
chr5	6448276	6448677	chr5	6448090	6448732	(CA)n	Simple_repeat	Simple_repeat
chr5	6585022	6585423	chr5	6585124	6585528	MLT1C	LTR	ERVL-MaLR
chr5	7869337	7869738	.	.	.	.	.	.
chr5	8458027	8458428	.	.	.	.	.	.
chr5	10250256	10250657	.	.	.	.	.	.
chr5	10352012	10352413	.	.	.	.	.	.
chr5	10353181	10353582	.	.	.	.	.	.
chr5	14664611	14665012	chr5	14664992	14665064	GC_rich	Low_complexity	Low_complexity
chr5	16465781	16466182	.	.	.	.	.	.
chr5	16616285	16616686	.	.	.	.	.	.
chr5	16935964	16936365	.	.	.	.	.	.
chr5	17216334	17216735	.	.	.	.	.	.
chr5	17386834	17387235	chr5	17386705	17386837	FLAM_C	SINE	Alu
chr5	17386834	17387235	chr5	17386839	17386893	(GGAA)n	Simple_repeat	Simple_repeat
chr5	31532131	31532532	.	.	.	.	.	.
chr5	32173505	32173906	chr5	32173864	32173913	GC_rich	Low_complexity	Low_complexity
chr5	32444693	32445094	chr5	32444926	32444968	GC_rich	Low_complexity	Low_complexity
chr5	32444693	32445094	chr5	32445015	32445044	GC_rich	Low_complexity	Low_complexity
chr5	32710462	32710863	.	.	.	.	.	.
chr5	32712241	32712642	.	.	.	.	.	.
chr5	33441020	33441421	chr5	33441413	33441577	MIR3	SINE	MIR
chr5	33984319	33984720	.	.	.	.	.	.
chr5	34007791	34008192	.	.	.	.	.	.
chr5	34657555	34657956	.	.	.	.	.	.
chr5	34839113	34839514	.	.	.	.	.	.
chr5	34914886	34915287	chr5	34915136	34915266	MIRb	SINE	MIR
chr5	34930104	34930505	.	.	.	.	.	.
chr5	35618036	35618437	.	.	.	.	.	.
chr5	36151935	36152336	.	.	.	.	.	.
chr5	36242295	36242696	.	.	.	.	.	.
chr5	37249105	37249506	.	.	.	.	.	.
chr5	37370725	37371126	.	.	.	.	.	.
chr5	37379115	37379516	chr5	37379044	37379208	AluSx	SINE	Alu
chr5	38557324	38557725	.	.	.	.	.	.
chr5	38846273	38846674	.	.	.	.	.	.
chr5	39073483	39073884	.	.	.	.	.	.
chr5	39424365	39424766	chr5	39424572	39424630	(CA)n	Simple_repeat	Simple_repeat

chr5	40679503	40679904	chr5	40679837	40679909	(CCCCG)n	Simple_repeat	Simple_repeat
chr5	40755891	40756292	.	.	.	.	.	.
chr5	40835201	40835602	chr5	40835582	40835614	(CTG)n	Simple_repeat	Simple_repeat
chr5	41509557	41509958	.	.	.	.	.	.
chr5	41870045	41870446	.	.	.	.	.	.
chr5	41904055	41904456	.	.	.	.	.	.
chr5	41925646	41926047	.	.	.	.	.	.
chr5	42757502	42757903	.	.	.	.	.	.
chr5	43017997	43018398	.	.	.	.	.	.
chr5	43042599	43043000	.	.	.	.	.	.
chr5	43066936	43067337	.	.	.	.	.	.
chr5	43121294	43121695	.	.	.	.	.	.
chr5	43192624	43193025	chr5	43192763	43192889	(CGTG)n	Simple_repeat	Simple_repeat
chr5	43312876	43313277	.	.	.	.	.	.
chr5	43483817	43484218	.	.	.	.	.	.
chr5	43603472	43603873	.	.	.	.	.	.
chr5	44808994	44809395	.	.	.	.	.	.
chr5	54528401	54528802	chr5	54528560	54528691	MIRb	SINE	MIR
chr5	54528401	54528802	chr5	54528695	54528813	MIRc	SINE	MIR
chr5	54603614	54604015	chr5	54603661	54603700	A-rich	Low_complexity	Low_complexity
chr5	55008027	55008428	.	.	.	.	.	.
chr5	56205699	56206100	.	.	.	.	.	.
chr5	56468410	56468811	.	.	.	.	.	.
chr5	57878617	57879018	.	.	.	.	.	.
chr5	61699638	61700039	.	.	.	.	.	.
chr5	64919957	64920358	.	.	.	.	.	.
chr5	68389644	68390045	.	.	.	.	.	.
chr5	68485208	68485609	.	.	.	.	.	.
chr5	70751246	70751647	.	.	.	.	.	.
chr5	74062798	74063199	.	.	.	.	.	.
chr5	74807503	74807904	chr5	74807455	74807532	C-rich	Low_complexity	Low_complexity
chr5	78280266	78280667	chr5	78280524	78280557	GC_rich	Low_complexity	Low_complexity
chr5	78908120	78908521	chr5	78908161	78908219	G-rich	Low_complexity	Low_complexity
chr5	81267789	81268190	.	.	.	.	.	.
chr5	81574065	81574466	.	.	.	.	.	.
chr5	85913485	85913886	.	.	.	.	.	.
chr5	87564535	87564936	.	.	.	.	.	.
chr5	89705682	89706083	chr5	89706033	89706201	MER5A	DNA	hAT-Charlie
chr5	93954151	93954552	.	.	.	.	.	.
chr5	94890606	94891007	.	.	.	.	.	.
chr5	98264981	98265382	.	.	.	.	.	.
chr5	102455664	102456065	.	.	.	.	.	.
chr5	102898439	102898840	chr5	102898509	102898547	GC_rich	Low_complexity	Low_complexity
chr5	107007741	107008142	.	.	.	.	.	.
chr5	110427859	110428260	.	.	.	.	.	.
chr5	111496320	111496721	.	.	.	.	.	.
chr5	112042827	112043228	chr5	112042844	112042977	L2c	LINE	L2
chr5	114598409	114598810	.	.	.	.	.	.
chr5	114961606	114962007	chr5	114961983	114962084	AluSz6	SINE	Alu
chr5	118406182	118406583	.	.	.	.	.	.
chr5	118787917	118788318	.	.	.	.	.	.
chr5	121297304	121297705	chr5	121297393	121297442	(CA)n	Simple_repeat	Simple_repeat
chr5	125936436	125936837	.	.	.	.	.	.
chr5	131892445	131892846	.	.	.	.	.	.
chr5	132112918	132113319	chr5	132112985	132113042	GC_rich	Low_complexity	Low_complexity
chr5	132361980	132362381	chr5	132362362	132362480	G-rich	Low_complexity	Low_complexity
chr5	133702700	133703101	chr5	133703059	133703364	AluSx	SINE	Alu
chr5	133747446	133747847	.	.	.	.	.	.
chr5	133968293	133968694	.	.	.	.	.	.
chr5	134181480	134181881	.	.	.	.	.	.
chr5	134734740	134735141	chr5	134734863	134734906	GC_rich	Low_complexity	Low_complexity
chr5	134734740	134735141	chr5	134734979	134735030	GC_rich	Low_complexity	Low_complexity
chr5	137514197	137514598	.	.	.	.	.	.
chr5	137673314	137673715	.	.	.	.	.	.
chr5	137800179	137800580	.	.	.	.	.	.
chr5	138533754	138534155	chr5	138534121	138534144	GC_rich	Low_complexity	Low_complexity
chr5	138609685	138610086	.	.	.	.	.	.
chr5	138629234	138629635	chr5	138629464	138629491	(TCTCCC)n	Simple_repeat	Simple_repeat
chr5	138677762	138678163	.	.	.	.	.	.
chr5	138775031	138775432	chr5	138775286	138775493	MIRc	SINE	MIR
chr5	139944101	139944502	.	.	.	.	.	.
chr5	140027232	140027633	chr5	140027592	140027645	(TG)n	Simple_repeat	Simple_repeat
chr5	143550021	143550422	.	.	.	.	.	.
chr5	145562116	145562517	.	.	.	.	.	.
chr5	145826471	145826872	.	.	.	.	.	.
chr5	148520733	148521134	.	.	.	.	.	.
chr5	148930805	148931206	.	.	.	.	.	.
chr5	149380037	149380438	.	.	.	.	.	.
chr5	149736976	149737377	chr5	149737041	149737063	GC_rich	Low_complexity	Low_complexity
chr5	149736976	149737377	chr5	149737177	149737198	GC_rich	Low_complexity	Low_complexity
chr5	149829208	149829609	.	.	.	.	.	.
chr5	150080400	150080801	.	.	.	.	.	.
chr5	153418297	153418698	.	.	.	.	.	.
chr5	157170574	157170975	chr5	157170791	157170828	GC_rich	Low_complexity	Low_complexity
chr5	157170574	157170975	chr5	157170958	157171007	GC_rich	Low_complexity	Low_complexity
chr5	157286009	157286410	chr5	157286323	157286441	MER5A	DNA	hAT-Charlie
chr5	159435896	159436297	chr5	159435566	159435911	AluJb	SINE	Alu
chr5	159546755	159547156	chr5	159547037	159547095	L2a	LINE	L2
chr5	167913238	167913639	.	.	.	.	.	.
chr5	168006553	168006954	chr5	168006579	168006605	(CCG)n	Simple_repeat	Simple_repeat
chr5	170288466	170288867	chr5	170288798	170288874	(CCCCG)n	Simple_repeat	Simple_repeat
chr5	171433558	171433959	chr5	171433540	171433600	(CGG)n	Simple_repeat	Simple_repeat
chr5	171615282	171615683	.	.	.	.	.	.
chr5	173043576	173043977	chr5	173043548	173043606	(CGG)n	Simple_repeat	Simple_repeat
chr5	173043576	173043977	chr5	173043955	173044064	MER5A	DNA	hAT-Charlie
chr5	175395107	175395508	.	.	.	.	.	.
chr5	175788652	175789053	.	.	.	.	.	.
chr5	175792231	175792632	.	.	.	.	.	.
chr5	175815434	175815835	.	.	.	.	.	.
chr5	176778778	176779179	.	.	.	.	.	.
chr5	176829343	176829744	.	.	.	.	.	.
chr5	176943944	176944345	.	.	.	.	.	.
chr5	176981507	176981908	chr5	176981490	176981538	(CCG)n	Simple_repeat	Simple_repeat
chr5	176981507	176981908	chr5	176981843	176981957	MIRc	SINE	MIR
chr5	177018954	177019355	chr5	177018883	177019024	MIR3	SINE	MIR

chr5	177026870	177027271	chr5	177026865	177026952	MIR3	SINE	MIR
chr5	177026870	177027271	chr5	177027060	177027172	GC_rich	Low_complexity	Low_complexity
chr5	177580683	177581084	.	.	.	.	.	.
chr5	178157548	178157949	.	.	.	.	.	.
chr5	178286719	178287120	.	.	.	.	.	.
chr5	178322675	178323076	chr5	178322422	178322707	AluSq2	SINE	Alu
chr5	178450520	178450921	.	.	.	.	.	.
chr5	178487142	178487543	.	.	.	.	.	.
chr5	179245871	179246272	.	.	.	.	.	.
chr5	180237756	180238157	.	.	.	.	.	.
chr6	2765419	2765820	chr6	2765416	2765446	GC_rich	Low_complexity	Low_complexity
chr6	2765419	2765820	chr6	2765819	2765856	GC_rich	Low_complexity	Low_complexity
chr6	5003717	5004118	chr6	5003983	5004034	GC_rich	Low_complexity	Low_complexity
chr6	7590245	7590646	.	.	.	.	.	.
chr6	11093754	11094155	.	.	.	.	.	.
chr6	13407013	13407414	chr6	13407121	13407284	MLT1J	LTR	ERVL-MaLR
chr6	13615337	13615738	.	.	.	.	.	.
chr6	15245474	15245875	chr6	15245423	15245515	G-rich	Low_complexity	Low_complexity
chr6	17707060	17707461	chr6	17706983	17707146	(CCG)n	Simple_repeat	Simple_repeat
chr6	27342839	27343240	.	.	.	.	.	.
chr6	27440801	27441202	chr6	27440922	27440953	GC_rich	Low_complexity	Low_complexity
chr6	27440801	27441202	chr6	27441148	27441453	AluSx4	SINE	Alu
chr6	28048487	28048888	.	.	.	.	.	.
chr6	30312676	30313077	.	.	.	.	.	.
chr6	30524867	30525268	.	.	.	.	.	.
chr6	30594619	30595020	.	.	.	.	.	.
chr6	30687737	30688138	.	.	.	.	.	.
chr6	30854087	30854488	.	.	.	.	.	.
chr6	30875656	30876057	chr6	30875957	30876011	CT-rich	Low_complexity	Low_complexity
chr6	30881870	30882271	chr6	30881997	30882020	GC_rich	Low_complexity	Low_complexity
chr6	31165639	31166040	.	.	.	.	.	.
chr6	31633524	31633925	.	.	.	.	.	.
chr6	31802137	31802538	chr6	31802039	31802177	AluJb	SINE	Alu
chr6	31802137	31802538	chr6	31802331	31802354	GC_rich	Low_complexity	Low_complexity
chr6	31866128	31866529	.	.	.	.	.	.
chr6	31926877	31927278	.	.	.	.	.	.
chr6	32096043	32096444	.	.	.	.	.	.
chr6	32097640	32098041	.	.	.	.	.	.
chr6	33168078	33168479	chr6	33168086	33168118	(CCG)n	Simple_repeat	Simple_repeat
chr6	33239526	33239927	.	.	.	.	.	.
chr6	33257142	33257543	.	.	.	.	.	.
chr6	33290624	33291025	.	.	.	.	.	.
chr6	35227030	35227431	.	.	.	.	.	.
chr6	36410507	36410908	chr6	36410751	36410785	GC_rich	Low_complexity	Low_complexity
chr6	36853469	36853870	.	.	.	.	.	.
chr6	36953725	36954126	chr6	36953829	36953893	(CCCCAG)n	Simple_repeat	Simple_repeat
chr6	38670800	38671201	.	.	.	.	.	.
chr6	41703227	41703628	chr6	41703223	41703306	(CCG)n	Simple_repeat	Simple_repeat
chr6	41703227	41703628	chr6	41703307	41703329	GC_rich	Low_complexity	Low_complexity
chr6	41747492	41747893	chr6	41747478	41747508	(CGCGG)n	Simple_repeat	Simple_repeat
chr6	41747492	41747893	chr6	41747518	41747590	(CCCCG)n	Simple_repeat	Simple_repeat
chr6	41747492	41747893	chr6	41747634	41747655	(CCCCG)n	Simple_repeat	Simple_repeat
chr6	42018099	42018500	chr6	42017841	42018135	AluSz	SINE	Alu
chr6	42018099	42018500	chr6	42018204	42018228	(CCCCG)n	Simple_repeat	Simple_repeat
chr6	42185416	42185817	.	.	.	.	.	.
chr6	42531441	42531842	chr6	42531396	42531466	L2a	LINE	L2
chr6	42847176	42847577	.	.	.	.	.	.
chr6	42981676	42982077	.	.	.	.	.	.
chr6	43445134	43445535	.	.	.	.	.	.
chr6	43596946	43597347	chr6	43596939	43596962	(CCG)n	Simple_repeat	Simple_repeat
chr6	43603346	43603747	.	.	.	.	.	.
chr6	43655322	43655723	.	.	.	.	.	.
chr6	46620502	46620903	.	.	.	.	.	.
chr6	52149630	52150031	.	.	.	.	.	.
chr6	52860015	52860416	chr6	52859938	52860041	G-rich	Low_complexity	Low_complexity
chr6	52929498	52929899	.	.	.	.	.	.
chr6	56911144	56911545	.	.	.	.	.	.
chr6	56954611	56955012	.	.	.	.	.	.
chr6	57036728	57037129	.	.	.	.	.	.
chr6	71276504	71276905	.	.	.	.	.	.
chr6	74230641	74231042	.	.	.	.	.	.
chr6	74363600	74364001	.	.	.	.	.	.
chr6	79576997	79577398	.	.	.	.	.	.
chr6	80340750	80341151	.	.	.	.	.	.
chr6	83777193	83777594	chr6	83777055	83777201	MIR3	SINE	MIR
chr6	84937383	84937784	.	.	.	.	.	.
chr6	86303722	86304123	.	.	.	.	.	.
chr6	88182299	88182700	.	.	.	.	.	.
chr6	88299618	88300019	.	.	.	.	.	.
chr6	88411902	88412303	.	.	.	.	.	.
chr6	89673125	89673526	chr6	89673460	89673501	(CCCCG)n	Simple_repeat	Simple_repeat
chr6	90348056	90348457	.	.	.	.	.	.
chr6	96025466	96025867	.	.	.	.	.	.
chr6	99873024	99873425	.	.	.	.	.	.
chr6	105307587	105307988	.	.	.	.	.	.
chr6	108582270	108582671	.	.	.	.	.	.
chr6	108615890	108616291	.	.	.	.	.	.
chr6	109416460	109416861	.	.	.	.	.	.
chr6	110501113	110501514	.	.	.	.	.	.
chr6	111136519	111136920	chr6	111136526	111136555	(TCC)n	Simple_repeat	Simple_repeat
chr6	116989737	116990138	chr6	116990022	116990256	AluY	SINE	Alu
chr6	117002192	117002593	chr6	117002274	117002308	(CCG)n	Simple_repeat	Simple_repeat
chr6	135375790	135376191	.	.	.	.	.	.
chr6	136610884	136611285	.	.	.	.	.	.
chr6	139094409	139094810	.	.	.	.	.	.
chr6	143771677	143772078	.	.	.	.	.	.
chr6	144416674	144417075	chr6	144417027	144417317	AluSx3	SINE	Alu
chr6	146135830	146136231	chr6	146135926	146135967	GC_rich	Low_complexity	Low_complexity
chr6	146135830	146136231	chr6	146136189	146136306	MIR3	SINE	MIR
chr6	146285229	146285630	.	.	.	.	.	.
chr6	147523455	147523856	.	.	.	.	.	.
chr6	150039081	150039482	.	.	.	.	.	.
chr6	150070669	150071070	chr6	150070876	150070960	(CGG)n	Simple_repeat	Simple_repeat
chr6	151773120	151773521	.	.	.	.	.	.
chr6	157800914	157801315	chr6	157800850	157801008	MIR	SINE	MIR

chr6	160147885	160148286	.	.	.	.	.	.
chr6	160210441	160210842	chr6	160210666	160210695	GC_rich	Low_complexity	Low_complexity
chr6	163148677	163149078	chr6	163148806	163148827	GC_rich	Low_complexity	Low_complexity
chr7	1543871	1544272	.	.	.	.	.	.
chr7	1609540	1609941	chr7	1609512	1609561	GC_rich	Low_complexity	Low_complexity
chr7	2394260	2394661	chr7	2394624	2394697	GC_rich	Low_complexity	Low_complexity
chr7	4814897	4815298	.	.	.	.	.	.
chr7	5085179	5085580	.	.	.	.	.	.
chr7	5862575	5862976	.	.	.	.	.	.
chr7	5938060	5938461	chr7	5937871	5938166	AluJb	SINE	Alu
chr7	5938060	5938461	chr7	5938439	5938476	GC_rich	Low_complexity	Low_complexity
chr7	6048883	6049284	.	.	.	.	.	.
chr7	6098634	6099035	chr7	6098714	6098752	GC_rich	Low_complexity	Low_complexity
chr7	6523663	6524064	chr7	6523688	6523757	(CGG)n	Simple_repeat	Simple_repeat
chr7	6523663	6524064	chr7	6523821	6523844	GC_rich	Low_complexity	Low_complexity
chr7	6746492	6746893	.	.	.	.	.	.
chr7	7221839	7222240	.	.	.	.	.	.
chr7	7679869	7680270	.	.	.	.	.	.
chr7	12726214	12726615	chr7	12726452	12726489	GC_rich	Low_complexity	Low_complexity
chr7	19748414	19748815	.	.	.	.	.	.
chr7	21466815	21467216	.	.	.	.	.	.
chr7	23338619	23339020	chr7	23338624	23338715	L2a	LINE	L2
chr7	23636749	23637150	chr7	23636951	23636979	GC_rich	Low_complexity	Low_complexity
chr7	24797086	24797487	chr7	24797083	24797104	GC_rich	Low_complexity	Low_complexity
chr7	25164911	25165312	.	.	.	.	.	.
chr7	26191426	26191827	chr7	26191343	26191450	MIRb	SINE	MIR
chr7	26191426	26191827	chr7	26191731	26191785	GC_rich	Low_complexity	Low_complexity
chr7	30067713	30068114	.	.	.	.	.	.
chr7	30811138	30811539	.	.	.	.	.	.
chr7	33102525	33102926	.	.	.	.	.	.
chr7	33168921	33169322	.	.	.	.	.	.
chr7	36406761	36407162	.	.	.	.	.	.
chr7	38217701	38218102	chr7	38218008	38218105	MIRc	SINE	MIR
chr7	38948621	38949022	.	.	.	.	.	.
chr7	39605758	39606159	.	.	.	.	.	.
chr7	39662929	39663330	chr7	39663231	39663270	(TCC)n	Simple_repeat	Simple_repeat
chr7	42951501	42951902	.	.	.	.	.	.
chr7	42971678	42972079	.	.	.	.	.	.
chr7	43965789	43966190	chr7	43966091	43966120	GC_rich	Low_complexity	Low_complexity
chr7	44240345	44240746	chr7	44240335	44240369	(A)n	Simple_repeat	Simple_repeat
chr7	44621116	44621517	.	.	.	.	.	.
chr7	45039257	45039658	chr7	45039249	45039300	GC_rich	Low_complexity	Low_complexity
chr7	48019088	48019489	chr7	48019428	48019535	Charlie21a	DNA	hAT-Charlie
chr7	54826857	54827258	.	.	.	.	.	.
chr7	56019335	56019736	chr7	56019040	56019350	AluSz	SINE	Alu
chr7	56119101	56119502	.	.	.	.	.	.
chr7	65447005	65447406	.	.	.	.	.	.
chr7	65579647	65580048	chr7	65579371	65579674	AluSc8	SINE	Alu
chr7	66385901	66386302	chr7	66385823	66386016	(CA)n	Simple_repeat	Simple_repeat
chr7	72568899	72569300	chr7	72568885	72568924	(CAG)n	Simple_repeat	Simple_repeat
chr7	72568899	72569300	chr7	72569042	72569069	GC_rich	Low_complexity	Low_complexity
chr7	72568899	72569300	chr7	72569166	72569315	GC_rich	Low_complexity	Low_complexity
chr7	72722641	72723042	chr7	72722983	72723081	L1M5	LINE	L1
chr7	72936636	72937037	.	.	.	.	.	.
chr7	72971473	72971874	chr7	72971494	72971525	GC_rich	Low_complexity	Low_complexity
chr7	74071652	74072053	chr7	74071978	74072024	(A)n	Simple_repeat	Simple_repeat
chr7	74867493	74867894	chr7	74867590	74867615	GC_rich	Low_complexity	Low_complexity
chr7	74867493	74867894	chr7	74867733	74867772	(CTG)n	Simple_repeat	Simple_repeat
chr7	75115484	75115885	.	.	.	.	.	.
chr7	75157355	75157756	.	.	.	.	.	.
chr7	75677197	75677598	.	.	.	.	.	.
chr7	75988485	75988886	.	.	.	.	.	.
chr7	76178318	76178719	.	.	.	.	.	.
chr7	76256476	76256877	.	.	.	.	.	.
chr7	76751531	76751932	.	.	.	.	.	.
chr7	82792256	82792657	.	.	.	.	.	.
chr7	87563212	87563613	.	.	.	.	.	.
chr7	89975914	89976315	.	.	.	.	.	.
chr7	90032517	90032918	.	.	.	.	.	.
chr7	91875055	91875456	chr7	91875367	91875447	G-rich	Low_complexity	Low_complexity
chr7	92861399	92861800	.	.	.	.	.	.
chr7	93633536	93633937	.	.	.	.	.	.
chr7	94285547	94285948	chr7	94285557	94285602	C-rich	Low_complexity	Low_complexity
chr7	95950488	95950889	.	.	.	.	.	.
chr7	96338919	96339320	chr7	96339291	96339312	(T)n	Simple_repeat	Simple_repeat
chr7	97601432	97601833	.	.	.	.	.	.
chr7	99036303	99036704	chr7	99036576	99036598	(CGG)n	Simple_repeat	Simple_repeat
chr7	99036303	99036704	chr7	99036676	99036705	GC_rich	Low_complexity	Low_complexity
chr7	99063656	99064057	chr7	99064011	99064181	AluSz	SINE	Alu
chr7	99102061	99102462	.	.	.	.	.	.
chr7	99517084	99517485	.	.	.	.	.	.
chr7	99679144	99679545	.	.	.	.	.	.
chr7	99717507	99717908	.	.	.	.	.	.
chr7	99869717	99870118	chr7	99869620	99869726	GC_rich	Low_complexity	Low_complexity
chr7	99869717	99870118	chr7	99870092	99870373	L2b	LINE	L2
chr7	100025845	100026246	.	.	.	.	.	.
chr7	100472445	100472846	.	.	.	.	.	.
chr7	100487002	100487403	chr7	100487347	100487409	(TCCCC)n	Simple_repeat	Simple_repeat
chr7	100887873	100888274	chr7	100887825	100887931	MIRb	SINE	MIR
chr7	100964927	100965328	chr7	100965222	100965498	AluJo	SINE	Alu
chr7	102003983	102004384	.	.	.	.	.	.
chr7	102105111	102105512	.	.	.	.	.	.
chr7	102389144	102389545	.	.	.	.	.	.
chr7	102937650	102938051	chr7	102937665	102937695	L2a	LINE	L2
chr7	102985011	102985412	.	.	.	.	.	.
chr7	106808912	106809313	.	.	.	.	.	.
chr7	107220731	107221132	chr7	107220833	107220864	(CCCGG)n	Simple_repeat	Simple_repeat
chr7	107384033	107384434	.	.	.	.	.	.
chr7	111846345	111846746	.	.	.	.	.	.
chr7	112090787	112091188	chr7	112090777	112090837	(CGG)n	Simple_repeat	Simple_repeat
chr7	112758446	112758847	.	.	.	.	.	.
chr7	120590434	120590835	chr7	120590802	120590829	(T)n	Simple_repeat	Simple_repeat
chr7	127032565	127032966	chr7	127032827	127032879	GC_rich	Low_complexity	Low_complexity
chr7	127032565	127032966	chr7	127032900	127032943	GC_rich	Low_complexity	Low_complexity
chr7	127291733	127292134	chr7	127291945	127291966	GC_rich	Low_complexity	Low_complexity

chr7	128502550	128502951	chr7	128502513	128502607	L2c	LINE	L2
chr7	128502550	128502951	chr7	128502671	128502713	(TGAA)n	Simple_repeat	Simple_repeat
chr7	128864390	128864791	chr7	128864737	128864915	G-rich	Low_complexity	Low_complexity
chr7	129592699	129593100	.	.	.	.	.	.
chr7	129691002	129691403	.	.	.	.	.	.
chr7	129845099	129845500	.	.	.	.	.	.
chr7	129932690	129933091	.	.	.	.	.	.
chr7	132766858	132767259	chr7	132767190	132767236	L2c	LINE	L2
chr7	132937504	132937905	.	.	.	.	.	.
chr7	133811853	133812254	chr7	133811893	133811995	A-rich	Low_complexity	Low_complexity
chr7	134001627	134002028	.	.	.	.	.	.
chr7	134670959	134671360	.	.	.	.	.	.
chr7	134855314	134855715	.	.	.	.	.	.
chr7	135194812	135195213	.	.	.	.	.	.
chr7	135242260	135242661	.	.	.	.	.	.
chr7	135347040	135347441	.	.	.	.	.	.
chr7	135661875	135662276	.	.	.	.	.	.
chr7	139025127	139025528	chr7	139025445	139025517	tRNA-Arg-AG	tRNA	tRNA
chr7	140098158	140098559	chr7	140098536	140098563	(T)n	Simple_repeat	Simple_repeat
chr7	140396548	140396949	.	.	.	.	.	.
chr7	141437929	141438330	.	.	.	.	.	.
chr7	148787690	148788091	.	.	.	.	.	.
chr7	148823229	148823630	.	.	.	.	.	.
chr7	148892497	148892898	chr7	148892855	148892926	GC_rich	Low_complexity	Low_complexity
chr7	148936477	148936878	.	.	.	.	.	.
chr7	149157506	149157907	chr7	149157408	149157606	GC_rich	Low_complexity	Low_complexity
chr7	149194674	149195075	chr7	149194667	149194709	GC_rich	Low_complexity	Low_complexity
chr7	149194674	149195075	chr7	149194955	149194984	(CCCCG)n	Simple_repeat	Simple_repeat
chr7	149321672	149322073	.	.	.	.	.	.
chr7	149411654	149412055	chr7	149411763	149411798	(CGGGGG)n	Simple_repeat	Simple_repeat
chr7	149411654	149412055	chr7	149411884	149411906	GC_rich	Low_complexity	Low_complexity
chr7	149411654	149412055	chr7	149411996	149412055	C-rich	Low_complexity	Low_complexity
chr7	149535236	149535637	.	.	.	.	.	.
chr7	150066173	150066574	.	.	.	.	.	.
chr7	150689789	150690190	.	.	.	.	.	.
chr7	150725571	150725972	.	.	.	.	.	.
chr7	150754944	150755345	chr7	150755232	150755255	GC_rich	Low_complexity	Low_complexity
chr7	150777702	150778103	.	.	.	.	.	.
chr7	150780432	150780833	chr7	150780608	150780630	GC_rich	Low_complexity	Low_complexity
chr7	150924204	150924605	.	.	.	.	.	.
chr7	155437131	155437532	chr7	155437289	155437328	GC_rich	Low_complexity	Low_complexity
chr7	155437131	155437532	chr7	155437347	155437372	GC_rich	Low_complexity	Low_complexity
chr7	158649050	158649451	.	.	.	.	.	.
chr8	182252	182653	chr8	182274	182336	C-rich	Low_complexity	Low_complexity
chr8	17779998	17780399	.	.	.	.	.	.
chr8	18067327	18067728	.	.	.	.	.	.
chr8	19674612	19675013	chr8	19674619	19674648	(CCCCCG)n	Simple_repeat	Simple_repeat
chr8	19674612	19675013	chr8	19674949	19674987	(CGG)n	Simple_repeat	Simple_repeat
chr8	21775794	21776195	chr8	21775670	21776110	LTR67B	LTR	ERVL
chr8	21999781	22000182	.	.	.	.	.	.
chr8	27631687	27632088	chr8	27631683	27631745	AluSc	SINE	Alu
chr8	28747612	28748013	chr8	28748012	28748068	C-rich	Low_complexity	Low_complexity
chr8	29120557	29120958	chr8	29120621	29120679	G-rich	Low_complexity	Low_complexity
chr8	30515622	30516023	chr8	30515654	30515700	(CGG)n	Simple_repeat	Simple_repeat
chr8	30601716	30602117	.	.	.	.	.	.
chr8	30890884	30891285	chr8	30890845	30890891	G-rich	Low_complexity	Low_complexity
chr8	30890884	30891285	chr8	30891178	30891306	G-rich	Low_complexity	Low_complexity
chr8	37707282	37707683	.	.	.	.	.	.
chr8	37887757	37888158	chr8	37888004	37888039	(CGGGG)n	Simple_repeat	Simple_repeat
chr8	38240328	38240729	.	.	.	.	.	.
chr8	38326039	38326440	.	.	.	.	.	.
chr8	42698324	42698725	.	.	.	.	.	.
chr8	42911058	42911459	chr8	42910804	42911077	AluJb	SINE	Alu
chr8	48872594	48872995	.	.	.	.	.	.
chr8	48873160	48873561	.	.	.	.	.	.
chr8	53626826	53627227	.	.	.	.	.	.
chr8	56986934	56987335	.	.	.	.	.	.
chr8	63951249	63951650	.	.	.	.	.	.
chr8	67340933	67341334	.	.	.	.	.	.
chr8	67525588	67525989	chr8	67525584	67525717	G-rich	Low_complexity	Low_complexity
chr8	67579411	67579812	.	.	.	.	.	.
chr8	67782802	67783203	.	.	.	.	.	.
chr8	74206046	74206447	.	.	.	.	.	.
chr8	74884496	74884897	.	.	.	.	.	.
chr8	75262432	75262833	.	.	.	.	.	.
chr8	80942264	80942665	.	.	.	.	.	.
chr8	81398296	81398697	chr8	81398222	81398415	(CCCCAG)n	Simple_repeat	Simple_repeat
chr8	82633352	82633753	.	.	.	.	.	.
chr8	82754849	82755250	.	.	.	.	.	.
chr8	92082358	92082759	.	.	.	.	.	.
chr8	94766908	94767309	chr8	94766846	94766922	Tigger5	DNA	TcMar-Tigger
chr8	95565579	95565980	.	.	.	.	.	.
chr8	95908710	95909111	.	.	.	.	.	.
chr8	96037041	96037442	.	.	.	.	.	.
chr8	97247576	97247977	.	.	.	.	.	.
chr8	99057573	99057974	chr8	99057920	99058242	AluJb	SINE	Alu
chr8	99129252	99129653	.	.	.	.	.	.
chr8	101734724	101735125	.	.	.	.	.	.
chr8	103875446	103875847	chr8	103875494	103875517	GC_rich	Low_complexity	Low_complexity
chr8	103875446	103875847	chr8	103875841	103875875	(CCG)n	Simple_repeat	Simple_repeat
chr8	104427372	104427773	.	.	.	.	.	.
chr8	109799685	109800086	chr8	109799849	109799874	(CGGGG)n	Simple_repeat	Simple_repeat
chr8	110346185	110346586	.	.	.	.	.	.
chr8	110552123	110552524	.	.	.	.	.	.
chr8	117778520	117778921	.	.	.	.	.	.
chr8	119634026	119634427	chr8	119634401	119634429	GC_rich	Low_complexity	Low_complexity
chr8	120844783	120845184	.	.	.	.	.	.
chr8	124053963	124054364	.	.	.	.	.	.
chr8	124084761	124085162	.	.	.	.	.	.
chr8	124253464	124253865	.	.	.	.	.	.
chr8	124286332	124286733	.	.	.	.	.	.
chr8	125551210	125551611	.	.	.	.	.	.
chr8	130951841	130952242	.	.	.	.	.	.
chr8	141521282	141521683	.	.	.	.	.	.
chr8	143484458	143484859	chr8	143484282	143484462	C-rich	Low_complexity	Low_complexity

chr8	143808507	143808908	chr8	143808501	143808522	GC_rich	Low_complexity	Low_complexity
chr8	143808507	143808908	chr8	143808742	143808763	GC_rich	Low_complexity	Low_complexity
chr8	144636430	144636831	chr8	144636508	144636682	(CA)n	Simple_repeat	Simple_repeat
chr8	144636430	144636831	chr8	144636697	144636782	(CA)n	Simple_repeat	Simple_repeat
chr8	144636430	144636831	chr8	144636808	144636972	(CA)n	Simple_repeat	Simple_repeat
chr8	144699634	144700035	chr8	144699847	144699869	GC_rich	Low_complexity	Low_complexity
chr8	144816078	144816479	chr8	144815978	144816156	C-rich	Low_complexity	Low_complexity
chr8	144897836	144898237	chr8	144898044	144898067	GC_rich	Low_complexity	Low_complexity
chr8	144911402	144911803	.	.	.	.	.	.
chr8	145023686	145024087	.	.	.	.	.	.
chr8	145133349	145133750	.	.	.	.	.	.
chr8	145149859	145150260	chr8	145149871	145149927	C-rich	Low_complexity	Low_complexity
chr8	145149859	145150260	chr8	145150040	145150082	GC_rich	Low_complexity	Low_complexity
chr8	145149859	145150260	chr8	145150140	145150171	GC_rich	Low_complexity	Low_complexity
chr8	145159616	145160017	chr8	145159669	145159759	C-rich	Low_complexity	Low_complexity
chr8	145550441	145550842	.	.	.	.	.	.
chr8	145597520	145597921	chr8	145597897	145598179	AluJb	SINE	Alu
chr8	145669863	145670264	chr8	145669825	145669938	(CCGCG)n	Simple_repeat	Simple_repeat
chr8	145669863	145670264	chr8	145669947	145669983	GC_rich	Low_complexity	Low_complexity
chr8	145703258	145703659	chr8	145703266	145703340	C-rich	Low_complexity	Low_complexity
chr8	145703258	145703659	chr8	145703618	145703739	G-rich	Low_complexity	Low_complexity
chr8	145734232	145734633	.	.	.	.	.	.
chr8	145980800	145981201	.	.	.	.	.	.
chr8	146017664	146018065	.	.	.	.	.	.
chr8	146176009	146176410	chr8	146176001	146176090	C-rich	Low_complexity	Low_complexity
chr9	4679458	4679859	.	.	.	.	.	.
chr9	4984321	4984722	chr9	4983831	4984345	L2a	LINE	L2
chr9	7799622	7800023	chr9	7799986	7800008	GC_rich	Low_complexity	Low_complexity
chr9	14314842	14315243	.	.	.	.	.	.
chr9	14693551	14693952	chr9	14693756	14693908	MER5A1	DNA	hAT-Charlie
chr9	15422550	15422951	chr9	15422765	15422802	GC_rich	Low_complexity	Low_complexity
chr9	19102826	19103227	chr9	19103185	19103298	MIRc	SINE	MIR
chr9	19102826	19103227	chr9	19103220	19103377	L2	LINE	L2
chr9	19379880	19380281	.	.	.	.	.	.
chr9	21335091	21335492	.	.	.	.	.	.
chr9	25677436	25677837	.	.	.	.	.	.
chr9	26947280	26947681	.	.	.	.	.	.
chr9	32572972	32573373	.	.	.	.	.	.
chr9	33024909	33025310	.	.	.	.	.	.
chr9	33290689	33291090	.	.	.	.	.	.
chr9	34376998	34377399	.	.	.	.	.	.
chr9	34637820	34638221	chr9	34637988	34638401	L2c	LINE	L2
chr9	34988990	34989391	.	.	.	.	.	.
chr9	35079835	35080236	.	.	.	.	.	.
chr9	35096153	35096554	.	.	.	.	.	.
chr9	35102924	35103325	.	.	.	.	.	.
chr9	35116398	35116799	.	.	.	.	.	.
chr9	35161948	35162349	.	.	.	.	.	.
chr9	35488925	35489326	chr9	35488380	35488987	MER51A	LTR	ERV1
chr9	35488925	35489326	chr9	35488987	35489065	MER50B	LTR	ERV1
chr9	35488925	35489326	chr9	35489065	35489412	THE1D	LTR	ERVL-MaLR
chr9	35732344	35732745	.	.	.	.	.	.
chr9	35748950	35749351	chr9	35749308	35749332	(CCG)n	Simple_repeat	Simple_repeat
chr9	37079430	37079831	.	.	.	.	.	.
chr9	37120015	37120416	.	.	.	.	.	.
chr9	37485570	37485971	chr9	37485572	37485712	MER115	DNA	hAT-Tip100
chr9	37576211	37576612	chr9	37576483	37576715	L3	LINE	CR1
chr9	37753556	37753957	.	.	.	.	.	.
chr9	37800496	37800897	.	.	.	.	.	.
chr9	37903815	37904216	.	.	.	.	.	.
chr9	40791993	40792394	chr9	40792302	40792584	L1MC5	LINE	L1
chr9	72374814	72375215	chr9	72374929	72374950	GC_rich	Low_complexity	Low_complexity
chr9	72374814	72375215	chr9	72374961	72374992	GC_rich	Low_complexity	Low_complexity
chr9	72435384	72435785	chr9	72435348	72435389	(CA)n	Simple_repeat	Simple_repeat
chr9	74526312	74526713	.	.	.	.	.	.
chr9	82186536	82186937	.	.	.	.	.	.
chr9	86322725	86323126	.	.	.	.	.	.
chr9	86571555	86571956	.	.	.	.	.	.
chr9	88555637	88556038	.	.	.	.	.	.
chr9	88896856	88897257	.	.	.	.	.	.
chr9	95432390	95432791	chr9	95432674	95432794	MIRc	SINE	MIR
chr9	95527120	95527521	chr9	95527122	95527181	GC_rich	Low_complexity	Low_complexity
chr9	95527120	95527521	chr9	95527226	95527251	GC_rich	Low_complexity	Low_complexity
chr9	97021349	97021750	chr9	97021330	97021352	AT_rich	Low_complexity	Low_complexity
chr9	98079778	98080179	.	.	.	.	.	.
chr9	99540202	99540603	.	.	.	.	.	.
chr9	99616656	99617057	.	.	.	.	.	.
chr9	100000457	100000858	.	.	.	.	.	.
chr9	100395493	100395894	.	.	.	.	.	.
chr9	102861187	102861588	chr9	102861159	102861205	(GGCTG)n	Simple_repeat	Simple_repeat
chr9	104160841	104161242	.	.	.	.	.	.
chr9	111882109	111882510	chr9	111882106	111882145	GC_rich	Low_complexity	Low_complexity
chr9	114244925	114245326	chr9	114245096	114245119	GC_rich	Low_complexity	Low_complexity
chr9	114361539	114361940	.	.	.	.	.	.
chr9	115480222	115480623	chr9	115480562	115480634	(CGGGG)n	Simple_repeat	Simple_repeat
chr9	115774314	115774715	.	.	.	.	.	.
chr9	115818883	115819284	.	.	.	.	.	.
chr9	115912987	115913388	chr9	115913262	115913284	(CGG)n	Simple_repeat	Simple_repeat
chr9	115983378	115983779	.	.	.	.	.	.
chr9	116037616	116038017	.	.	.	.	.	.
chr9	116172726	116173127	.	.	.	.	.	.
chr9	123342353	123342754	.	.	.	.	.	.
chr9	123555230	123555631	.	.	.	.	.	.
chr9	123964210	123964611	chr9	123964512	123964580	MIRb	SINE	MIR
chr9	124855498	124855899	chr9	124855455	124855526	(CCG)n	Simple_repeat	Simple_repeat
chr9	125667636	125668037	.	.	.	.	.	.
chr9	125675398	125675799	chr9	125675462	125675488	(TCC)n	Simple_repeat	Simple_repeat
chr9	125675398	125675799	chr9	125675791	125676085	AluSq2	SINE	Alu
chr9	125693655	125694056	.	.	.	.	.	.
chr9	126692285	126692686	chr9	126692383	126692474	(CCG)n	Simple_repeat	Simple_repeat
chr9	126692285	126692686	chr9	126692504	126692542	GC_rich	Low_complexity	Low_complexity
chr9	127177503	127177904	.	.	.	.	.	.
chr9	127624055	127624456	.	.	.	.	.	.
chr9	127703206	127703607	.	.	.	.	.	.
chr9	127952065	127952466	chr9	127952014	127952067	(CGG)n	Simple_repeat	Simple_repeat

chr9	128003688	128004089	.	.	.	.	.	.
chr9	128023844	128024245	chr9	128024119	128024178	(CGG)n	Simple_repeat	Simple_repeat
chr9	128469298	128469699	.	.	.	.	.	.
chr9	128508316	128508717	.	.	.	.	.	.
chr9	129089572	129089973	.	.	.	.	.	.
chr9	129567106	129567507	.	.	.	.	.	.
chr9	129622510	129622911	chr9	129622879	129623092	G-rich	Low_complexity	Low_complexity
chr9	130186198	130186599	.	.	.	.	.	.
chr9	130213603	130214004	.	.	.	.	.	.
chr9	130341109	130341510	chr9	130341026	130341157	FRAM	SINE	Alu
chr9	130497400	130497801	.	.	.	.	.	.
chr9	130548033	130548434	chr9	130548157	130548200	(CGG)n	Simple_repeat	Simple_repeat
chr9	130548033	130548434	chr9	130548256	130548432	(CGG)n	Simple_repeat	Simple_repeat
chr9	130565170	130565571	.	.	.	.	.	.
chr9	130639854	130640255	chr9	130640024	130640054	(GGGA)n	Simple_repeat	Simple_repeat
chr9	130639854	130640255	chr9	130640163	130640346	MIRc	SINE	MIR
chr9	130699988	130700389	.	.	.	.	.	.
chr9	130828596	130828997	chr9	130828494	130828752	L2b	LINE	L2
chr9	130890055	130890456	.	.	.	.	.	.
chr9	130965341	130965742	chr9	130965318	130965411	L2	LINE	L2
chr9	130965341	130965742	chr9	130965632	130965653	GC_rich	Low_complexity	Low_complexity
chr9	131038059	131038460	.	.	.	.	.	.
chr9	131084635	131085036	.	.	.	.	.	.
chr9	131102530	131102931	chr9	131102742	131102763	GC_rich	Low_complexity	Low_complexity
chr9	131102530	131102931	chr9	131102900	131102988	(CGGGG)n	Simple_repeat	Simple_repeat
chr9	131266909	131267310	.	.	.	.	.	.
chr9	131418891	131419292	chr9	131418893	131418923	GC_rich	Low_complexity	Low_complexity
chr9	131446789	131447190	chr9	131446958	131447189	L2b	LINE	L2
chr9	131466373	131466774	chr9	131466773	131466919	MIR	SINE	MIR
chr9	131534235	131534636	.	.	.	.	.	.
chr9	131789448	131789849	chr9	131789389	131789479	MIRb	SINE	MIR
chr9	131789448	131789849	chr9	131789493	131789700	MIRb	SINE	MIR
chr9	132586260	132586661	chr9	132586596	132586874	AluSx1	SINE	Alu
chr9	132815936	132816337	.	.	.	.	.	.
chr9	133587900	133588301	.	.	.	.	.	.
chr9	134000788	134001189	.	.	.	.	.	.
chr9	134153446	134153847	chr9	134153429	134153449	(CGG)n	Simple_repeat	Simple_repeat
chr9	134164851	134165252	.	.	.	.	.	.
chr9	134406478	134406879	chr9	134406701	134406722	GC_rich	Low_complexity	Low_complexity
chr9	134955118	134955519	.	.	.	.	.	.
chr9	135282051	135282452	.	.	.	.	.	.
chr9	135545267	135545668	.	.	.	.	.	.
chr9	136214909	136215310	.	.	.	.	.	.
chr9	136283039	136283440	.	.	.	.	.	.
chr9	136324936	136325337	.	.	.	.	.	.
chr9	136932989	136933390	chr9	136932965	136933043	GC_rich	Low_complexity	Low_complexity
chr9	136932989	136933390	chr9	136933080	136933115	GC_rich	Low_complexity	Low_complexity
chr9	136932989	136933390	chr9	136933210	136933386	GC_rich	Low_complexity	Low_complexity
chr9	137029840	137030241	.	.	.	.	.	.
chr9	138853120	138853521	chr9	138853116	138853230	(CCG)n	Simple_repeat	Simple_repeat
chr9	138853120	138853521	chr9	138853448	138853682	MER33	DNA	hAT-Charlie
chr9	138985988	138986389	.	.	.	.	.	.
chr9	139258055	139258456	chr9	139258191	139258213	GC_rich	Low_complexity	Low_complexity
chr9	139294525	139294926	chr9	139294823	139294943	MIRb	SINE	MIR
chr9	140117857	140118258	.	.	.	.	.	.
chr9	140149536	140149937	chr9	140149744	140149881	(CGGGG)n	Simple_repeat	Simple_repeat
chr9	140473151	140473552	chr9	140473294	140473324	GC_rich	Low_complexity	Low_complexity
chr9	140512909	140513310	.	.	.	.	.	.
chrX	7895560	7895961	chrX	7895917	7896054	MIRc	SINE	MIR
chrX	11128111	11128512	chrX	11128416	11128718	LTR16A	LTR	ERVL
chrX	11777402	11777803	.	.	.	.	.	.
chrX	14890954	14891355	.	.	.	.	.	.
chrX	16804128	16804529	.	.	.	.	.	.
chrX	39957606	39958007	chrX	39957675	39957741	(CGG)n	Simple_repeat	Simple_repeat
chrX	46404702	46405103	.	.	.	.	.	.
chrX	47049891	47050292	chrX	47049887	47049919	MIRc	SINE	MIR
chrX	47078406	47078807	chrX	47078435	47078477	GC_rich	Low_complexity	Low_complexity
chrX	48334260	48334661	.	.	.	.	.	.
chrX	48432462	48432863	.	.	.	.	.	.
chrX	48554738	48555139	chrX	48554929	48554965	(CCG)n	Simple_repeat	Simple_repeat
chrX	48814638	48815039	chrX	48814663	48814750	(CCG)n	Simple_repeat	Simple_repeat
chrX	48814638	48815039	chrX	48814738	48814809	(CGG)n	Simple_repeat	Simple_repeat
chrX	48814638	48815039	chrX	48814977	48815021	(CGG)n	Simple_repeat	Simple_repeat
chrX	48931522	48931923	.	.	.	.	.	.
chrX	48979974	48980375	chrX	48980282	48980591	AluSc8	SINE	Alu
chrX	49091707	49092108	.	.	.	.	.	.
chrX	53024507	53024908	.	.	.	.	.	.
chrX	53077580	53077981	chrX	53077548	53077582	(CCCCCG)n	Simple_repeat	Simple_repeat
chrX	53077580	53077981	chrX	53077626	53077665	(TCCC)n	Simple_repeat	Simple_repeat
chrX	53449412	53449813	.	.	.	.	.	.
chrX	54208725	54209126	chrX	54208783	54208874	(TAGG)n	Simple_repeat	Simple_repeat
chrX	54209918	54210319	chrX	54210023	54210052	(CGGGG)n	Simple_repeat	Simple_repeat
chrX	57312977	57313378	chrX	57312798	57312994	MIRb	SINE	MIR
chrX	64196193	64196594	.	.	.	.	.	.
chrX	64754585	64754986	.	.	.	.	.	.
chrX	67653510	67653911	.	.	.	.	.	.
chrX	67718622	67719023	.	.	.	.	.	.
chrX	70315422	70315823	.	.	.	.	.	.
chrX	71792697	71793098	chrX	71793074	71793094	(A)n	Simple_repeat	Simple_repeat
chrX	74375890	74376291	.	.	.	.	.	.
chrX	77154668	77155069	.	.	.	.	.	.
chrX	85302423	85302824	.	.	.	.	.	.
chrX	100645733	100646134	.	.	.	.	.	.
chrX	102884404	102884805	.	.	.	.	.	.
chrX	102942850	102943251	.	.	.	.	.	.
chrX	106045619	106046020	.	.	.	.	.	.
chrX	106361839	106362240	.	.	.	.	.	.
chrX	107334744	107335145	.	.	.	.	.	.
chrX	118987004	118987405	.	.	.	.	.	.
chrX	119005608	119006009	chrX	119005768	119005796	GC_rich	Low_complexity	Low_complexity
chrX	119763493	119763894	.	.	.	.	.	.
chrX	122866768	122867169	.	.	.	.	.	.
chrX	129402676	129403077	chrX	129402773	129402808	(GGA)n	Simple_repeat	Simple_repeat
chrX	130037126	130037527	.	.	.	.	.	.
chrX	134478472	134478873	chrX	134478868	134478889	GC_rich	Low_complexity	Low_complexity

chrX	135055818	135056219	chrX	135056164	135056353	G-rich	Low_complexity	Low_complexity
chrX	148622341	148622742	.	.	.	.	.	.
chrX	149106474	149106875	chrX	149106697	149106847	(CACG)n	Simple_repeat	Simple_repeat
chrX	149736632	149737033	.	.	.	.	.	.
chrX	152110026	152110427	.	.	.	.	.	.
chrX	153775558	153775959	.	.	.	.	.	.

HeLa Cells

ZNF143 peaks > 2kb from TSS			Repeats from repeatMasker (USCS) table					
Chromosome	Start	End	Chromosome	Start	End	repName	repClass	repFamily
chr1	566764	566765	.	.	.	.	.	.
chr1	569923	569924	.	.	.	.	.	.
chr1	1175333	1175334	.	.	.	.	.	.
chr1	7361173	7361174	.	.	.	.	.	.
chr1	7609396	7609397	.	.	.	.	.	.
chr1	7705495	7705496	.	.	.	.	.	.
chr1	7727873	7727874	.	.	.	.	.	.
chr1	8014259	8014260	.	.	.	.	.	.
chr1	9471216	9471217	chr1	9471181	9471355	(CACAC)n	Simple_repe	Simple_repeat
chr1	10706558	10706559	.	.	.	.	.	.
chr1	11650633	11650634	chr1	11650604	11650942	MLT1J2	LTR	ERVL-MaLR
chr1	11968028	11968029	.	.	.	.	.	.
chr1	11970186	11970187	.	.	.	.	.	.
chr1	12656093	12656094	.	.	.	.	.	.
chr1	15288517	15288518	chr1	15288468	15288609	MLT1J	LTR	ERVL-MaLR
chr1	16126791	16126792	.	.	.	.	.	.
chr1	16840905	16840906	.	.	.	.	.	.
chr1	16893608	16893609	.	.	.	.	.	.
chr1	17222319	17222320	.	.	.	.	.	.
chr1	17231519	17231520	.	.	.	.	.	.
chr1	18271367	18271368	.	.	.	.	.	.
chr1	18779261	18779262	chr1	18778950	18779338	MLT1I	LTR	ERVL-MaLR
chr1	18919014	18919015	chr1	18918981	18919413	MLT1J2	LTR	ERVL-MaLR
chr1	20416058	20416059	chr1	20415840	20416091	MLT1J2	LTR	ERVL-MaLR
chr1	20767472	20767473	chr1	20767173	20767507	MLT1J	LTR	ERVL-MaLR
chr1	21974613	21974614	.	.	.	.	.	.
chr1	22236339	22236340	.	.	.	.	.	.
chr1	22755286	22755287	chr1	22755192	22755437	MLT1J	LTR	ERVL-MaLR
chr1	24575574	24575575	chr1	24575438	24575602	MLT1J2	LTR	ERVL-MaLR
chr1	26042665	26042666	chr1	26042290	26042773	MLT1J	LTR	ERVL-MaLR
chr1	26712727	26712728	chr1	26712635	26712822	LTR67B	LTR	ERVL
chr1	26827653	26827654	.	.	.	.	.	.
chr1	27675485	27675486	.	.	.	.	.	.
chr1	29524185	29524186	.	.	.	.	.	.
chr1	30182128	30182129	.	.	.	.	.	.
chr1	30608800	30608801	chr1	30608676	30608885	MLT1J1	LTR	ERVL-MaLR
chr1	31327173	31327174	chr1	31326844	31327281	MLT1J	LTR	ERVL-MaLR
chr1	31538577	31538578	.	.	.	.	.	.
chr1	33182440	33182441	.	.	.	.	.	.
chr1	33190784	33190785	.	.	.	.	.	.
chr1	34404518	34404519	.	.	.	.	.	.
chr1	41806944	41806945	chr1	41806905	41806988	MLT2F	LTR	ERVL
chr1	45097525	45097526	.	.	.	.	.	.
chr1	45187806	45187807	.	.	.	.	.	.
chr1	45197017	45197018	.	.	.	.	.	.
chr1	45285838	45285839	.	.	.	.	.	.
chr1	54954135	54954136	.	.	.	.	.	.
chr1	59527638	59527639	chr1	59527595	59527987	MLT1J2	LTR	ERVL-MaLR
chr1	59892976	59892977	.	.	.	.	.	.
chr1	60225206	60225207	.	.	.	.	.	.
chr1	64180188	64180189	chr1	64179935	64180315	MLT1I	LTR	ERVL-MaLR
chr1	65111620	65111621	chr1	65111173	65111674	MLT2E	LTR	ERVL
chr1	70687057	70687058	.	.	.	.	.	.
chr1	91852978	91852979	chr1	91852785	91853147	LSU-rRNA_Hs	rRNA	rRNA
chr1	92907539	92907540	.	.	.	.	.	.
chr1	95248869	95248870	chr1	95248643	95248895	L2c	LINE	L2
chr1	100143248	100143249	chr1	100142909	100143346	MLT1J	LTR	ERVL-MaLR
chr1	108610903	108610904	chr1	108610770	108610994	LTR33B	LTR	ERVL
chr1	109079681	109079682	chr1	109079585	109079813	MLT1J2	LTR	ERVL-MaLR
chr1	110393017	110393018	chr1	110392914	110393049	LTR33C	LTR	ERVL
chr1	115067735	115067736	chr1	115067732	115067852	MLT1J2	LTR	ERVL-MaLR
chr1	121355771	121355772	chr1	121351587	121360264	ALR/Alpha	Satellite	centr
chr1	121478645	121478646	chr1	121478368	121480139	ALR/Alpha	Satellite	centr
chr1	121484865	121484866	chr1	121480150	121485429	ALR/Alpha	Satellite	centr
chr1	142538349	142538350	.	.	.	.	.	.
chr1	143467659	143467660	.	.	.	.	.	.
chr1	144006755	144006756	chr1	144006671	144006854	MLT1K	LTR	ERVL-MaLR
chr1	144012866	144012867	.	.	.	.	.	.
chr1	144019061	144019062	.	.	.	.	.	.
chr1	144533841	144533842	.	.	.	.	.	.
chr1	145024188	145024189	.	.	.	.	.	.
chr1	145059264	145059265	chr1	145059226	145059308	MER102c	DNA	hAT-Charlie
chr1	145090076	145090077	.	.	.	.	.	.
chr1	145382553	145382554	.	.	.	.	.	.
chr1	146556485	146556486	.	.	.	.	.	.
chr1	147735610	147735611	.	.	.	.	.	.
chr1	147807033	147807034	.	.	.	.	.	.
chr1	147993978	147993979	.	.	.	.	.	.
chr1	148241200	148241201	.	.	.	.	.	.
chr1	148605279	148605280	.	.	.	.	.	.
chr1	149035383	149035384	chr1	149033910	149035828	HSATII	Satellite	Satellite
chr1	149224493	149224494	.	.	.	.	.	.
chr1	151953760	151953761	chr1	151953722	151953829	LTR67B	LTR	ERVL
chr1	154979483	154979484	.	.	.	.	.	.
chr1	155904338	155904339	.	.	.	.	.	.
chr1	156186400	156186401	.	.	.	.	.	.
chr1	156427167	156427168	.	.	.	.	.	.
chr1	156695688	156695689	.	.	.	.	.	.
chr1	156716578	156716579	.	.	.	.	.	.
chr1	158119696	158119697	.	.	.	.	.	.
chr1	168362483	168362484	.	.	.	.	.	.
chr1	168378390	168378391	.	.	.	.	.	.
chr1	201140678	201140679	.	.	.	.	.	.
chr1	201528879	201528880	.	.	.	.	.	.
chr1	201683397	201683398	.	.	.	.	.	.
chr1	201992433	201992434	.	.	.	.	.	.
chr1	202594032	202594033	chr1	202593965	202594138	(TG)n	Simple_repe	Simple_repeat
chr1	202636527	202636528	chr1	202636235	202636593	LTR33A	LTR	ERVL
chr1	203240354	203240355	chr1	203240225	203240464	MLT1J	LTR	ERVL-MaLR
chr1	203456987	203456988	.	.	.	.	.	.
chr1	203509389	203509390	chr1	203509025	203509478	MLT1J1	LTR	ERVL-MaLR
chr1	203662490	203662491	.	.	.	.	.	.
chr1	205116563	205116564	.	.	.	.	.	.
chr1	205253862	205253863	.	.	.	.	.	.

repName	count
MLT1J	178
MLT1J2	93
ALR/Alpha	79
MLT1J1	50
(TG)n	24
LTR67B	21
LTR33A	21
(CA)n	21
(GAATG)n	18
LTR33B	16
HSATII	15
LSU-rRNA_Hsa	14
L2a	12
MLT2F	10
(CATTC)n	10
L1PA13	10
L1MA4A	9
L1PA15	9
MER52A	9
L1M1	8
L1M2	7
LTR33C	6
MLT1N2	6
L1M6	6
L1PA16	6
L1MA3	6
LTR33	5
L2b	5
ERV3-16A3_I-int	0
MIRb	5
LTR1D	5
MLT1C	5
BSR/Beta	4
LTR33A_	4
L1PBa	4
LTR16A	4
MLT1I	3
L2c	3
MLT1K	3
GA-rich	3
L2	3
AluJb	3
MIR	3
MLT1G	3
L1PREC2	3
MLT2B3	3
MSTD-int	3
L1MDa	3
L1PA15-16	0
L1PA17	3
LTR50	3
MLT2E	2
C-rich	2
SSU-rRNA_Hsa	2
MIRc	2
L1PB1	2
GC_rich	2
MIR3	2
D20S16	2
ERVL-E-int	2
MLT1G1	2
L1M2c	2
MER20	2
THE1B-int	2
MER54A	2
L1PA7	2
L1PB4	2
MER1B	2
HERVL18-int	2
MSTA-int	2
L1M2a	2
MLT1F2	2
MSTA	2
MamRep605	2
L1PA12	2
MLT1H	2
L1MA6	2
L1MA8	2
MLT1F	2
HUERS-P3b-int	2
MER52D	2
LTR1	2
MER115	2
HAL1-2a_MD	2
SST1	2
(CACAC)n	1
MER102c	1
L1ME3A	1
HAL1	1
LTR38	1
LTR28	1
LTR88c	1
MER89	1
AluSz	1
(CTGGGG)n	1
LTR13	1
tRNA-Arg-AGG	1
MER117	1
L1MD2	1
ACRO1	1
HSATI	1
MER66C	1
MLT1L	1
L1MEd	1

repClass	count
LTR	529
LINE	139
Satellite	130
Simple_repe	55
SINE	19
rRNA	16
DNA	11
Low_comple	7
Unknown	2
tRNA	1

repFamily	count
ERVL-MaLR	371
ERVL	120
L1	116
centr	81
Simple_repe	55
Satellite	48
ERV1	36
L2	23
rRNA	16
MIR	12
hAT-Charlie	8
Low_comple	7
Alu	6
hAT-Tip100	3
Unknown	2
tRNA	1
Gypsy?	1
ERVK	1
acro	1
Deu	1

chr1	205414449	205414450	.	.	.	.	.	.
chr1	207097649	207097650	chr1	207097184	207097924	(TG)n	Simple_repe	Simple_repeat
chr1	210536672	210536673	.	.	.	.	.	.
chr1	210547813	210547814	.	.	.	.	.	.
chr1	210827361	210827362	.	.	.	.	.	.
chr1	212376159	212376160	.	.	.	.	.	.
chr1	226891302	226891303	.	.	.	.	.	.
chr1	227002971	227002972	.	.	.	.	.	.
chr1	234812137	234812138	chr1	234811720	234812316	L1ME3A	LINE	L1
chr1	235099141	235099142	.	.	.	.	.	.
chr1	247611476	247611477	.	.	.	.	.	.
chr10	3598606	3598607	.	.	.	.	.	.
chr10	6205808	6205809	.	.	.	.	.	.
chr10	6317397	6317398	.	.	.	.	.	.
chr10	18452852	18452853	.	.	.	.	.	.
chr10	25349167	25349168	.	.	.	.	.	.
chr10	38774500	38774501	chr10	38774489	38774537	(GAATG)n	Satellite	Satellite
chr10	38776497	38776498	chr10	38776268	38776627	(GAATG)n	Satellite	Satellite
chr10	38817716	38817717	chr10	38817677	38818632	(GAATG)n	Satellite	Satellite
chr10	38872161	38872162	chr10	38871825	38872621	(GAATG)n	Satellite	Satellite
chr10	38881800	38881801	chr10	38881691	38882189	HSATII	Satellite	Satellite
chr10	39094333	39094334	chr10	39094326	39094504	(CATTC)n	Satellite	Satellite
chr10	39111272	39111273	chr10	39111231	39111404	(CATTC)n	Satellite	Satellite
chr10	39138171	39138172	chr10	39138046	39138469	(GAATG)n	Satellite	Satellite
chr10	42531937	42531938	chr10	42527021	42546685	ALR/Alpha	Satellite	centr
chr10	42532571	42532572	chr10	42527021	42546685	ALR/Alpha	Satellite	centr
chr10	42542185	42542186	chr10	42527021	42546685	ALR/Alpha	Satellite	centr
chr10	42599982	42599983	chr10	42598546	42601361	HSATII	Satellite	Satellite
chr10	42797315	42797316	chr10	42797274	42797445	(CATTC)n	Satellite	Satellite
chr10	42800158	42800159	chr10	42799444	42800323	(CATTC)n	Satellite	Satellite
chr10	42817731	42817732	chr10	42817135	42818362	ALR/Alpha	Satellite	centr
chr10	43950921	43950922	.	.	.	.	.	.
chr10	47058659	47058660	chr10	47058582	47058924	(CA)n	Simple_repe	Simple_repeat
chr10	52852335	52852336	.	.	.	.	.	.
chr10	69609230	69609231	.	.	.	.	.	.
chr10	71754252	71754253	chr10	71754203	71754300	MLT1J	LTR	ERVL-MaLR
chr10	72288765	72288766	chr10	72288492	72288873	MLT1J	LTR	ERVL-MaLR
chr10	73083386	73083387	chr10	73083027	73083494	MLT1J	LTR	ERVL-MaLR
chr10	73137256	73137257	.	.	.	.	.	.
chr10	73620304	73620305	.	.	.	.	.	.
chr10	73736070	73736071	.	.	.	.	.	.
chr10	74095324	74095325	.	.	.	.	.	.
chr10	75608937	75608938	.	.	.	.	.	.
chr10	77716624	77716625	chr10	77716380	77716661	MLT1J	LTR	ERVL-MaLR
chr10	79706050	79706051	chr10	79705708	79706156	MLT1J	LTR	ERVL-MaLR
chr10	90145422	90145423	.	.	.	.	.	.
chr10	94561952	94561953	chr10	94561857	94562339	MLT1J	LTR	ERVL-MaLR
chr10	95226250	95226251	.	.	.	.	.	.
chr10	95511780	95511781	.	.	.	.	.	.
chr10	98561469	98561470	chr10	98561361	98561539	GA-rich	Low_comple	Low_complexity
chr10	99486598	99486599	chr10	99486255	99486610	MLT1J2	LTR	ERVL-MaLR
chr10	105344802	105344803	.	.	.	.	.	.
chr10	114602987	114602988	chr10	114602587	114603055	LTR33B	LTR	ERVL
chr10	116571840	116571841	chr10	116571334	116571976	MLT2F	LTR	ERVL
chr10	118947040	118947041	chr10	118946916	118947196	MLT1J	LTR	ERVL-MaLR
chr10	123185965	123185966	chr10	123185882	123186488	LTR67B	LTR	ERVL
chr10	125705220	125705221	chr10	125705164	125705285	MLT1J1	LTR	ERVL-MaLR
chr10	126973705	126973706	chr10	126973365	126973794	MLT1J	LTR	ERVL-MaLR
chr10	127888063	127888064	.	.	.	.	.	.
chr10	132505897	132505898	.	.	.	.	.	.
chr10	134177915	134177916	chr10	134177891	134178071	C-rich	Low_comple	Low_complexity
chr10	135500715	135500716	chr10	135500000	135502705	BSR/Beta	Satellite	Satellite
chr11	919256	919257	chr11	919227	919368	MLT1J	LTR	ERVL-MaLR
chr11	3611613	3611614	chr11	3611582	3611963	MLT1J1	LTR	ERVL-MaLR
chr11	8051851	8051852	.	.	.	.	.	.
chr11	8710555	8710556	.	.	.	.	.	.
chr11	11005975	11005976	chr11	11005957	11006276	MLT1J	LTR	ERVL-MaLR
chr11	17725776	17725777	chr11	17725601	17725807	MLT1J	LTR	ERVL-MaLR
chr11	27256142	27256143	.	.	.	.	.	.
chr11	28131829	28131830	.	.	.	.	.	.
chr11	33423702	33423703	chr11	33423586	33424074	L2	LINE	L2
chr11	33529738	33529739	chr11	33529672	33529834	LTR67B	LTR	ERVL
chr11	36355730	36355731	chr11	36355474	36355842	MLT1J	LTR	ERVL-MaLR
chr11	43665752	43665753	.	.	.	.	.	.
chr11	44394763	44394764	chr11	44394547	44394885	MLT1J	LTR	ERVL-MaLR
chr11	45668303	45668304	chr11	45668254	45668606	MLT1J	LTR	ERVL-MaLR
chr11	45823442	45823443	chr11	45823376	45823535	MLT1J	LTR	ERVL-MaLR
chr11	46134725	46134726	.	.	.	.	.	.
chr11	47879597	47879598	.	.	.	.	.	.
chr11	47976976	47976977	chr11	47976677	47977067	MLT1J1	LTR	ERVL-MaLR
chr11	48172367	48172368	.	.	.	.	.	.
chr11	48893066	48893067	chr11	48886840	48900993	ALR/Alpha	Satellite	centr
chr11	51567315	51567316	chr11	51567242	51594205	ALR/Alpha	Satellite	centr
chr11	51573371	51573372	chr11	51567242	51594205	ALR/Alpha	Satellite	centr
chr11	51575698	51575699	chr11	51567242	51594205	ALR/Alpha	Satellite	centr
chr11	51580965	51580966	chr11	51567242	51594205	ALR/Alpha	Satellite	centr
chr11	51591332	51591333	chr11	51567242	51594205	ALR/Alpha	Satellite	centr
chr11	54890851	54890852	chr11	54889181	54893528	ALR/Alpha	Satellite	centr
chr11	55026423	55026424	chr11	55020818	55027630	ALR/Alpha	Satellite	centr
chr11	61266516	61266517	chr11	61266182	61266558	MLT1N2	LTR	ERVL-MaLR
chr11	61661558	61661559	chr11	61661280	61661561	AluJb	SINE	Alu
chr11	64027110	64027111	.	.	.	.	.	.
chr11	64038438	64038439	.	.	.	.	.	.
chr11	64212443	64212444	chr11	64212396	64212756	MLT1J1	LTR	ERVL-MaLR
chr11	64377054	64377055	.	.	.	.	.	.
chr11	64387430	64387431	.	.	.	.	.	.
chr11	64456104	64456105	.	.	.	.	.	.
chr11	64609643	64609644	.	.	.	.	.	.
chr11	65186219	65186220	.	.	.	.	.	.
chr11	65244996	65244997	.	.	.	.	.	.
chr11	65319270	65319271	.	.	.	.	.	.
chr11	65635718	65635719	.	.	.	.	.	.
chr11	65660950	65660951	.	.	.	.	.	.
chr11	66649636	66649637	.	.	.	.	.	.
chr11	66799380	66799381	.	.	.	.	.	.
chr11	67007548	67007549	.	.	.	.	.	.
chr11	67593726	67593727	.	.	.	.	.	.

MER21B	1
L1MB8	1
LTR40b	1
MLT1A-int	1
L1MC4	1
MER74B	1
L1M3a	1
(CATG)n	1
MER77	1
MLT1A1	1
LTR16D	1
LTR16E1	1
MLT1H2	1
L1M3e	1
LTR86B1	1
L1MCc	1
L1P3	1
MLT1A0-int	1
MER103C	1
L1MA5	1
LTR16B1	1
MST-int	1
LTR56	1
FLAM_C	1
AluSz6	1
L1PA8A	1
L1PA10	1
HERVI-int	1
MER50	1
Harlequin-int	1
L1M2a1	1
L1MA2	1
L1MA7	1
LTR57-int	1
LOR1b	1
MLT1A1-int	1
LTR35A	1
MLT1H1	1
THE1A-int	1
L1PA6	1
THE1D-int	1
MER51A	1
THE1C-int	1
MER5A1	1
LTR12D	1
L1M3c	1
MER57D	1
LTR16C	1
AmnSINE1	1
L1MA5A	1
L1PA11	1
FordPrefect_a	1
MER61D	1
MER48	1
LTR53	1
LTR16D2	1
MLT1A0	1
(TGGG)n	1
LTR78B	1
THE1C	1
(TTGGGG)n	1
LTR41	1
LTR86B2	1
CER	1
(CACG)n	1
(TC)n	1
L1MD	1

chr11	68731521	68731522	.	.	.	.	.	.
chr11	68742292	68742293	chr11	68742274	68742451	MLT1J2	LTR	ERVL-MaLR
chr11	68940341	68940342	chr11	68940203	68940380	LTR33A	LTR	ERVL
chr11	69445004	69445005	chr11	69444889	69445138	MLT1J	LTR	ERVL-MaLR
chr11	69614442	69614443	chr11	69614343	69614787	MLT1J	LTR	ERVL-MaLR
chr11	70545949	70545950	chr11	70545931	70546104	MLT1J	LTR	ERVL-MaLR
chr11	77122961	77122962	.	.	.	.	.	.
chr11	80009487	80009488	chr11	80009399	80009511	MLT1J2	LTR	ERVL-MaLR
chr11	85195097	85195098	chr11	85195011	85195307	LSU-rRNA_H	rRNA	rRNA
chr11	86454470	86454471	.	.	.	.	.	.
chr11	118795634	118795635	.	.	.	.	.	.
chr11	121262750	121262751	chr11	121262697	121262816	MLT1J	LTR	ERVL-MaLR
chr11	123301954	123301955	.	.	.	.	.	.
chr12	84008	84009	.	.	.	.	.	.
chr12	679526	679527	.	.	.	.	.	.
chr12	690146	690147	chr12	690006	690183	(TG)n	Simple_repea	Simple_repeat
chr12	1723218	1723219	chr12	1722868	1723289	MLT1J2	LTR	ERVL-MaLR
chr12	1905436	1905437	.	.	.	.	.	.
chr12	1913820	1913821	chr12	1913727	1913980	MLT1J	LTR	ERVL-MaLR
chr12	2365116	2365117	.	.	.	.	.	.
chr12	11315295	11315296	chr12	11315211	11315354	MLT1J1	LTR	ERVL-MaLR
chr12	11952014	11952015	.	.	.	.	.	.
chr12	20704460	20704461	chr12	20704357	20704522	SSU-rRNA_H	rRNA	rRNA
chr12	28343389	28343390	.	.	.	.	.	.
chr12	34372640	34372641	chr12	34372607	34372741	LSU-rRNA_H	rRNA	rRNA
chr12	34833477	34833478	chr12	34826046	34837302	ALR/Alpha	Satellite	centr
chr12	34841470	34841471	chr12	34837313	34856684	ALR/Alpha	Satellite	centr
chr12	34846945	34846946	chr12	34837313	34856684	ALR/Alpha	Satellite	centr
chr12	38248624	38248625	chr12	38245959	38250763	ALR/Alpha	Satellite	centr
chr12	48222866	48222867	.	.	.	.	.	.
chr12	48592156	48592157	.	.	.	.	.	.
chr12	48690496	48690497	.	.	.	.	.	.
chr12	49454886	49454887	.	.	.	.	.	.
chr12	52458201	52458202	.	.	.	.	.	.
chr12	52533415	52533416	.	.	.	.	.	.
chr12	56401187	56401188	.	.	.	.	.	.
chr12	62204463	62204464	chr12	62204417	62204811	MLT1J1	LTR	ERVL-MaLR
chr12	63096656	63096657	chr12	63096648	63096840	MIRc	SINE	MIR
chr12	70381728	70381729	.	.	.	.	.	.
chr12	72595417	72595418	.	.	.	.	.	.
chr12	98540014	98540015	chr12	98539920	98540071	LTR67B	LTR	ERVL
chr12	109333543	109333544	chr12	109333446	109333869	MLT1J2	LTR	ERVL-MaLR
chr12	110486464	110486465	.	.	.	.	.	.
chr12	112554480	112554481	.	.	.	.	.	.
chr12	113154475	113154476	chr12	113154397	113154590	MLT1J	LTR	ERVL-MaLR
chr12	115420757	115420758	chr12	115420490	115420846	MLT1J	LTR	ERVL-MaLR
chr12	116695167	116695168	chr12	116695138	116695443	MLT1J	LTR	ERVL-MaLR
chr12	117330336	117330337	chr12	117330092	117330445	MLT1J	LTR	ERVL-MaLR
chr12	117535185	117535186	.	.	.	.	.	.
chr12	117815705	117815706	chr12	117815690	117815742	LTR67B	LTR	ERVL
chr12	119667772	119667773	chr12	119667770	119668143	MLT1J2	LTR	ERVL-MaLR
chr12	119861259	119861260	chr12	119861187	119861653	LTR33A	LTR	ERVL
chr12	120672754	120672755	.	.	.	.	.	.
chr12	120729868	120729869	.	.	.	.	.	.
chr12	120731184	120731185	.	.	.	.	.	.
chr12	121488753	121488754	chr12	121488691	121488846	MLT1J	LTR	ERVL-MaLR
chr12	122510569	122510570	chr12	122510176	122510766	HAL1	LINE	L1
chr12	123849853	123849854	.	.	.	.	.	.
chr12	124055988	124055989	chr12	124055890	124056274	MLT1J2	LTR	ERVL-MaLR
chr12	124594417	124594418	chr12	124594366	124594721	MLT1J	LTR	ERVL-MaLR
chr12	124725167	124725168	chr12	124725091	124725480	MLT1J2	LTR	ERVL-MaLR
chr12	125140371	125140372	.	.	.	.	.	.
chr12	125625770	125625771	.	.	.	.	.	.
chr12	125710386	125710387	chr12	125710105	125710454	MLT1J2	LTR	ERVL-MaLR
chr12	126578686	126578687	chr12	126578624	126578742	MLT1J2	LTR	ERVL-MaLR
chr12	127650505	127650506	chr12	127650452	127650987	LSU-rRNA_H	rRNA	rRNA
chr12	131616997	131616998	chr12	131616945	131617044	MLT1K	LTR	ERVL-MaLR
chr12	131678893	131678894	.	.	.	.	.	.
chr12	131727692	131727693	chr12	131727348	131727809	MLT1J	LTR	ERVL-MaLR
chr12	131752803	131752804	.	.	.	.	.	.
chr12	131900489	131900490	chr12	131900384	131900844	MLT1J	LTR	ERVL-MaLR
chr13	28033748	28033749	.	.	.	.	.	.
chr13	44716101	44716102	.	.	.	.	.	.
chr13	45630653	45630654	chr13	45630610	45630820	MLT1J	LTR	ERVL-MaLR
chr13	49627136	49627137	chr13	49625374	49627307	L1PB1	LINE	L1
chr13	62568411	62568412	chr13	62568328	62568445	L2a	LINE	L2
chr13	64521749	64521750	chr13	64521551	64522067	LTR38	LTR	ERV1
chr13	83403127	83403128	chr13	83402919	83403899	LTR28	LTR	ERV1
chr13	86225014	86225015	chr13	86224924	86225462	MLT2F	LTR	ERVL
chr13	96928304	96928305	.	.	.	.	.	.
chr13	101924268	101924269	chr13	101924234	101924396	(TG)n	Simple_repea	Simple_repeat
chr13	109387215	109387216	chr13	109387163	109387274	LTR67B	LTR	ERVL
chr13	114301776	114301777	.	.	.	.	.	.
chr14	19011528	19011529	chr14	19000005	19048872	ALR/Alpha	Satellite	centr
chr14	19019114	19019115	chr14	19000005	19048872	ALR/Alpha	Satellite	centr
chr14	23356250	23356251	.	.	.	.	.	.
chr14	32466929	32466930	.	.	.	.	.	.
chr14	32671063	32671064	.	.	.	.	.	.
chr14	32672656	32672657	.	.	.	.	.	.
chr14	34152085	34152086	.	.	.	.	.	.
chr14	34429004	34429005	chr14	34428874	34429055	LTR33A	LTR	ERVL
chr14	34456141	34456142	chr14	34456032	34456321	MLT1J	LTR	ERVL-MaLR
chr14	36750735	36750736	chr14	36750636	36750776	MLT1J2	LTR	ERVL-MaLR
chr14	41831559	41831560	chr14	41831499	41831590	MLT1J1	LTR	ERVL-MaLR
chr14	56505146	56505147	.	.	.	.	.	.
chr14	68189179	68189180	.	.	.	.	.	.
chr14	74303525	74303526	chr14	74303423	74303554	LTR33C	LTR	ERVL
chr14	75413364	75413365	.	.	.	.	.	.
chr14	77506819	77506820	.	.	.	.	.	.
chr14	81408149	81408150	.	.	.	.	.	.
chr14	88237764	88237765	.	.	.	.	.	.
chr14	90620652	90620653	.	.	.	.	.	.
chr14	91696922	91696923	chr14	91696837	91697021	MLT1J2	LTR	ERVL-MaLR
chr14	95067164	95067165	.	.	.	.	.	.
chr14	97229258	97229259	chr14	97228978	97229411	MLT1J	LTR	ERVL-MaLR
chr14	97488326	97488327	chr14	97488298	97488376	MLT1J	LTR	ERVL-MaLR
chr14	99604540	99604541	.	.	.	.	.	.

chr14	102414482	102414483	.	.	.	.	.	.
chr14	105106482	105106483	.	.	.	.	.	.
chr14	105881608	105881609	chr14	105881565	105881611	GC_rich	Low_comple	Low_complexity
chr14	105947886	105947887	.	.	.	.	.	.
chr15	28215959	28215960	.	.	.	.	.	.
chr15	30217150	30217151	.	.	.	.	.	.
chr15	31528884	31528885	.	.	.	.	.	.
chr15	31563226	31563227	chr15	31562829	31563326	LTR33B	LTR	ERVL
chr15	41633819	41633820	.	.	.	.	.	.
chr15	41913401	41913402	.	.	.	.	.	.
chr15	48989032	48989033	chr15	48988938	48989273	LTR67B	LTR	ERVL
chr15	55790598	55790599	.	.	.	.	.	.
chr15	57179872	57179873	.	.	.	.	.	.
chr15	59586979	59586980	.	.	.	.	.	.
chr15	59665201	59665202	.	.	.	.	.	.
chr15	60878144	60878145	.	.	.	.	.	.
chr15	65588215	65588216	.	.	.	.	.	.
chr15	65596823	65596824	.	.	.	.	.	.
chr15	67135488	67135489	.	.	.	.	.	.
chr15	67225082	67225083	.	.	.	.	.	.
chr15	68132610	68132611	.	.	.	.	.	.
chr15	68177008	68177009	.	.	.	.	.	.
chr15	68829611	68829612	chr15	68829559	68829720	LTR33B	LTR	ERVL
chr15	68905527	68905528	chr15	68905454	68905608	MLT1J	LTR	ERVL-MaLR
chr15	69136565	69136566	chr15	69136427	69136627	LTR33B	LTR	ERVL
chr15	70251032	70251033	chr15	70251010	70251047	LTR67B	LTR	ERVL
chr15	70251032	70251033	chr15	70251016	70251404	MLT1J	LTR	ERVL-MaLR
chr15	70457857	70457858	chr15	70457798	70457872	MIR3	SINE	MIR
chr15	74087090	74087091	chr15	74086973	74087487	MLT1J	LTR	ERVL-MaLR
chr15	76461600	76461601	chr15	76461262	76461633	MLT1J	LTR	ERVL-MaLR
chr15	77828406	77828407	chr15	77828320	77828778	MLT1J	LTR	ERVL-MaLR
chr15	86707220	86707221	chr15	86707158	86707306	LTR88c	LTR	Gypsy?
chr15	88125621	88125622	chr15	88125569	88125895	MLT1J2	LTR	ERVL-MaLR
chr15	90000576	90000577	chr15	90000266	90000692	MLT1J	LTR	ERVL-MaLR
chr15	91065633	91065634	chr15	91065465	91065728	MLT1J	LTR	ERVL-MaLR
chr15	91835121	91835122	chr15	91834801	91835199	MLT1J	LTR	ERVL-MaLR
chr15	101766730	101766731	chr15	101766494	101766750	MIR	SINE	MIR
chr16	857809	857810	.	.	.	.	.	.
chr16	1470904	1470905	.	.	.	.	.	.
chr16	1625758	1625759	.	.	.	.	.	.
chr16	2239725	2239726	.	.	.	.	.	.
chr16	2547429	2547430	.	.	.	.	.	.
chr16	2918295	2918296	.	.	.	.	.	.
chr16	3200486	3200487	.	.	.	.	.	.
chr16	4367973	4367974	.	.	.	.	.	.
chr16	5258315	5258316	chr16	5258005	5258390	MLT1J2	LTR	ERVL-MaLR
chr16	9147157	9147158	chr16	9146852	9147213	MLT1J1	LTR	ERVL-MaLR
chr16	9173071	9173072	chr16	9172754	9173193	MLT1J	LTR	ERVL-MaLR
chr16	9233950	9233951	chr16	9233842	9234220	MLT1J	LTR	ERVL-MaLR
chr16	10476220	10476221	chr16	10476142	10476284	LTR33B	LTR	ERVL
chr16	11490291	11490292	.	.	.	.	.	.
chr16	11534161	11534162	chr16	11534096	11534348	MLT1J2	LTR	ERVL-MaLR
chr16	11590925	11590926	chr16	11590877	11591020	(TG)n	Simple_repe	Simple_repeat
chr16	12405957	12405958	chr16	12405869	12406053	MLT1J	LTR	ERVL-MaLR
chr16	14580908	14580909	.	.	.	.	.	.
chr16	16064257	16064258	chr16	16063951	16064358	MLT1J	LTR	ERVL-MaLR
chr16	16090660	16090661	.	.	.	.	.	.
chr16	17195715	17195716	chr16	17195697	17195805	MLT1J1	LTR	ERVL-MaLR
chr16	20003076	20003077	chr16	20002989	20003261	MLT2F	LTR	ERVL
chr16	22222384	22222385	chr16	22222301	22222454	MLT1J1	LTR	ERVL-MaLR
chr16	23286558	23286559	chr16	23286194	23286633	MLT1J2	LTR	ERVL-MaLR
chr16	24493964	24493965	chr16	24493892	24494287	MLT1J2	LTR	ERVL-MaLR
chr16	25118485	25118486	.	.	.	.	.	.
chr16	28957112	28957113	.	.	.	.	.	.
chr16	29606721	29606722	.	.	.	.	.	.
chr16	29657149	29657150	chr16	29657087	29657438	MLT1J2	LTR	ERVL-MaLR
chr16	29687630	29687631	chr16	29687305	29687683	MLT1J2	LTR	ERVL-MaLR
chr16	30671637	30671638	.	.	.	.	.	.
chr16	30786757	30786758	.	.	.	.	.	.
chr16	30816913	30816914	.	.	.	.	.	.
chr16	30939374	30939375	.	.	.	.	.	.
chr16	31232867	31232868	.	.	.	.	.	.
chr16	31416009	31416010	.	.	.	.	.	.
chr16	33569566	33569567	chr16	33569489	33569662	MLT1J	LTR	ERVL-MaLR
chr16	33874068	33874069	chr16	33873991	33874168	(GAATG)n	Simple_repe	Simple_repeat
chr16	33879671	33879672	chr16	33879419	33879837	HSATII	Satellite	Satellite
chr16	33881358	33881359	chr16	33880693	33882129	HSATII	Satellite	Satellite
chr16	33922924	33922925	.	.	.	.	.	.
chr16	33950337	33950338	chr16	33950242	33950345	MER89	LTR	ERV1
chr16	33953210	33953211	chr16	33953090	33953379	AluSz	SINE	Alu
chr16	33959395	33959396	.	.	.	.	.	.
chr16	33973770	33973771	chr16	33973643	33979902	ALR/Alpha	Satellite	centr
chr16	34022732	34022733	chr16	34022051	34023145	ALR/Alpha	Satellite	centr
chr16	46386658	46386659	chr16	46385803	46387773	HSATII	Satellite	Satellite
chr16	46394355	46394356	chr16	46394024	46394506	HSATII	Satellite	Satellite
chr16	46417139	46417140	chr16	46416214	46417199	HSATII	Satellite	Satellite
chr16	46419651	46419652	chr16	46417820	46420108	HSATII	Satellite	Satellite
chr16	46427688	46427689	chr16	46427141	46429415	HSATII	Satellite	Satellite
chr16	46435517	46435518	chr16	46432199	46436475	HSATII	Satellite	Satellite
chr16	48133517	48133518	chr16	48133442	48133860	MLT1J2	LTR	ERVL-MaLR
chr16	54276371	54276372	chr16	54276032	54276458	MLT1J2	LTR	ERVL-MaLR
chr16	54691539	54691540	chr16	54691356	54691738	MLT1K	LTR	ERVL-MaLR
chr16	58270495	58270496	chr16	58270118	58270600	LTR33	LTR	ERVL
chr16	58664393	58664394	.	.	.	.	.	.
chr16	59913026	59913027	.	.	.	.	.	.
chr16	67867856	67867857	.	.	.	.	.	.
chr16	70749257	70749258	chr16	70749067	70749377	L2b	LINE	L2
chr16	74729893	74729894	chr16	74729784	74730197	MLT1J2	LTR	ERVL-MaLR
chr16	80934358	80934359	.	.	.	.	.	.
chr16	81779996	81779997	chr16	81779945	81780024	L1M6	LINE	L1
chr16	84300151	84300152	chr16	84300057	84300451	MLT1J	LTR	ERVL-MaLR
chr16	84457402	84457403	chr16	84457024	84457421	MLT1J2	LTR	ERVL-MaLR
chr16	85191786	85191787	chr16	85191434	85191848	LTR33A	LTR	ERVL
chr16	85548731	85548732	.	.	.	.	.	.
chr16	86143992	86143993	.	.	.	.	.	.
chr16	86396215	86396216	chr16	86396151	86396238	MLT1J	LTR	ERVL-MaLR
chr16	86668062	86668063	chr16	86667970	86668145	MLT1J	LTR	ERVL-MaLR

chr16	86986561	86986562	chr16	86986494	86986924	LTR33A	LTR	ERVL
chr16	87009143	87009144	chr16	87009026	87009535	MLT1J	LTR	ERVL-MaLR
chr16	87691449	87691450	chr16	87691352	87691561	MLT1J	LTR	ERVL-MaLR
chr16	88367176	88367177	.	.	.	.	.	.
chr16	89572075	89572076	.	.	.	.	.	.
chr16	90025215	90025216	.	.	.	.	.	.
chr17	1371318	1371319	.	.	.	.	.	.
chr17	1572933	1572934	chr17	1572698	1573773	L2	LINE	L2
chr17	4923092	4923093	.	.	.	.	.	.
chr17	5015204	5015205	.	.	.	.	.	.
chr17	6231838	6231839	chr17	6231525	6231922	MLT1J	LTR	ERVL-MaLR
chr17	6374139	6374140	.	.	.	.	.	.
chr17	6411304	6411305	chr17	6411267	6411399	(CTGGGG)n	Simple_repea	Simple_repeat
chr17	7095000	7095001	.	.	.	.	.	.
chr17	7118437	7118438	.	.	.	.	.	.
chr17	7358879	7358880	.	.	.	.	.	.
chr17	7738755	7738756	.	.	.	.	.	.
chr17	8076997	8076998	.	.	.	.	.	.
chr17	8750155	8750156	chr17	8750073	8750260	MLT1J1	LTR	ERVL-MaLR
chr17	12280122	12280123	chr17	12280057	12280151	MLT1J1	LTR	ERVL-MaLR
chr17	12530688	12530689	.	.	.	.	.	.
chr17	15401663	15401664	chr17	15401346	15401753	MLT1J2	LTR	ERVL-MaLR
chr17	16439126	16439127	.	.	.	.	.	.
chr17	17319611	17319612	chr17	17319253	17319718	MLT1J	LTR	ERVL-MaLR
chr17	17512633	17512634	chr17	17512580	17512960	MLT1J2	LTR	ERVL-MaLR
chr17	17598171	17598172	.	.	.	.	.	.
chr17	17653464	17653465	chr17	17653396	17653528	MLT1J2	LTR	ERVL-MaLR
chr17	17743726	17743727	.	.	.	.	.	.
chr17	17753482	17753483	.	.	.	.	.	.
chr17	17936919	17936920	.	.	.	.	.	.
chr17	18601306	18601307	.	.	.	.	.	.
chr17	19912594	19912595	.	.	.	.	.	.
chr17	21002430	21002431	.	.	.	.	.	.
chr17	21226481	21226482	chr17	21226436	21226514	MLT1J	LTR	ERVL-MaLR
chr17	22253223	22253224	chr17	22241551	22263006	ALR/Alpha	Satellite	centr
chr17	22260080	22260081	chr17	22241551	22263006	ALR/Alpha	Satellite	centr
chr17	22261583	22261584	chr17	22241551	22263006	ALR/Alpha	Satellite	centr
chr17	25265149	25265150	chr17	25265028	25265260	(GAATG)n	Satellite	Satellite
chr17	25574584	25574585	.	.	.	.	.	.
chr17	25783411	25783412	.	.	.	.	.	.
chr17	26543776	26543777	chr17	26543633	26543894	MLT1J	LTR	ERVL-MaLR
chr17	27139815	27139816	.	.	.	.	.	.
chr17	27482789	27482790	.	.	.	.	.	.
chr17	28927301	28927302	.	.	.	.	.	.
chr17	29058408	29058409	.	.	.	.	.	.
chr17	31149685	31149686	chr17	31149606	31149693	GC_rich	Low_comple	Low_complexity
chr17	32013391	32013392	.	.	.	.	.	.
chr17	33478160	33478161	chr17	33478114	33478275	LSU-rRNA_Hs	rRNA	rRNA
chr17	34114329	34114330	.	.	.	.	.	.
chr17	36607700	36607701	.	.	.	.	.	.
chr17	37029122	37029123	.	.	.	.	.	.
chr17	37379455	37379456	.	.	.	.	.	.
chr17	37769379	37769380	.	.	.	.	.	.
chr17	38269661	38269662	.	.	.	.	.	.
chr17	38527749	38527750	chr17	38527662	38527794	MLT1J1	LTR	ERVL-MaLR
chr17	39808065	39808066	.	.	.	.	.	.
chr17	40559725	40559726	.	.	.	.	.	.
chr17	40776409	40776410	.	.	.	.	.	.
chr17	41116480	41116481	.	.	.	.	.	.
chr17	41381966	41381967	chr17	41381806	41382224	ERV3.6A3_I-i	LTR	ERVL
chr17	41400981	41400982	chr17	41400485	41401528	LTR13	LTR	ERVK
chr17	41438829	41438830	.	.	.	.	.	.
chr17	41445584	41445585	.	.	.	.	.	.
chr17	41798225	41798226	.	.	.	.	.	.
chr17	42600726	42600727	.	.	.	.	.	.
chr17	43205138	43205139	chr17	43205116	43205198	(TG)n	Simple_repea	Simple_repeat
chr17	45214563	45214564	.	.	.	.	.	.
chr17	45221272	45221273	.	.	.	.	.	.
chr17	45234375	45234376	.	.	.	.	.	.
chr17	45235645	45235646	.	.	.	.	.	.
chr17	45249333	45249334	.	.	.	.	.	.
chr17	45258962	45258963	.	.	.	.	.	.
chr17	48105281	48105282	.	.	.	.	.	.
chr17	48201546	48201547	.	.	.	.	.	.
chr17	48255583	48255584	.	.	.	.	.	.
chr17	49450193	49450194	chr17	49449875	49450301	MLT1J1	LTR	ERVL-MaLR
chr17	55612781	55612782	.	.	.	.	.	.
chr17	55852476	55852477	chr17	55852401	55852584	MLT1J1	LTR	ERVL-MaLR
chr17	56736815	56736816	.	.	.	.	.	.
chr17	61044429	61044430	.	.	.	.	.	.
chr17	62127452	62127453	chr17	62127378	62127555	MIRc	SINE	MIR
chr17	63319346	63319347	chr17	63319041	63319399	MLT1J2	LTR	ERVL-MaLR
chr17	64927358	64927359	chr17	64926980	64927449	MLT1N2	LTR	ERVL-MaLR
chr17	65477403	65477404	chr17	65477365	65477607	MLT1J	LTR	ERVL-MaLR
chr17	66016023	66016024	chr17	66016015	66016083	tRNA-Arg-AG	tRNA	tRNA
chr17	70405990	70405991	chr17	70405847	70406322	MLT1J	LTR	ERVL-MaLR
chr17	72186504	72186505	chr17	72186445	72186545	MLT1J	LTR	ERVL-MaLR
chr17	72389166	72389167	chr17	72389081	72389524	MLT1J2	LTR	ERVL-MaLR
chr17	72564814	72564815	chr17	72564548	72564864	(TG)n	Simple_repea	Simple_repeat
chr17	75734977	75734978	.	.	.	.	.	.
chr17	75945130	75945131	chr17	75944792	75945153	MLT1J2	LTR	ERVL-MaLR
chr17	76250653	76250654	.	.	.	.	.	.
chr17	76480447	76480448	chr17	76480344	76480453	L2a	LINE	L2
chr17	76579451	76579452	chr17	76579350	76579467	MLT1J	LTR	ERVL-MaLR
chr17	76879268	76879269	.	.	.	.	.	.
chr17	77702553	77702554	chr17	77702398	77702638	MLT1J	LTR	ERVL-MaLR
chr17	78428566	78428567	.	.	.	.	.	.
chr17	79392933	79392934	.	.	.	.	.	.
chr17	79544482	79544483	.	.	.	.	.	.
chr17	79701749	79701750	.	.	.	.	.	.
chr17	80225830	80225831	.	.	.	.	.	.
chr18	10520276	10520277	.	.	.	.	.	.
chr18	11962850	11962851	.	.	.	.	.	.
chr18	18512292	18512293	chr18	18510901	18520342	ALR/Alpha	Satellite	centr
chr18	18518132	18518133	chr18	18510901	18520342	ALR/Alpha	Satellite	centr
chr18	19494930	19494931	.	.	.	.	.	.
chr18	22264091	22264092	chr18	22263874	22264238	MLT1J2	LTR	ERVL-MaLR

chr18	23083782	23083783	chr18	23083326	23083899	MLT2F	LTR	ERVL
chr18	26728031	26728032	chr18	26728001	26728097	LTR67B	LTR	ERVL
chr18	32227484	32227485	chr18	32227229	32227546	MLT1J2	LTR	ERVL-MaLR
chr18	43904790	43904791	chr18	43904437	43904907	MLT1J	LTR	ERVL-MaLR
chr18	46333154	46333155	.	.	.	.	.	.
chr18	50319180	50319181	chr18	50319112	50319228	(CATTC)n	Simple_repe	Simple_repeat
chr18	57084258	57084259	chr18	57084008	57084364	MLT1J	LTR	ERVL-MaLR
chr18	74608907	74608908	.	.	.	.	.	.
chr18	74822594	74822595	.	.	.	.	.	.
chr18	76252428	76252429	.	.	.	.	.	.
chr18	77331352	77331353	.	.	.	.	.	.
chr19	489051	489052	.	.	.	.	.	.
chr19	524185	524186	.	.	.	.	.	.
chr19	1311902	1311903	.	.	.	.	.	.
chr19	1848544	1848545	.	.	.	.	.	.
chr19	2494509	2494510	.	.	.	.	.	.
chr19	2524469	2524470	chr19	2524327	2524485	(TG)n	Simple_repe	Simple_repeat
chr19	2950601	2950602	.	.	.	.	.	.
chr19	3036265	3036266	.	.	.	.	.	.
chr19	3244518	3244519	chr19	3244343	3244785	(TG)n	Simple_repe	Simple_repeat
chr19	3369639	3369640	.	.	.	.	.	.
chr19	3435315	3435316	.	.	.	.	.	.
chr19	3743737	3743738	chr19	3743648	3743890	MLT1J	LTR	ERVL-MaLR
chr19	3990342	3990343	.	.	.	.	.	.
chr19	4180299	4180300	chr19	4180281	4180351	MLT1J	LTR	ERVL-MaLR
chr19	4577572	4577573	.	.	.	.	.	.
chr19	4815759	4815760	chr19	4815667	4815837	MLT1J	LTR	ERVL-MaLR
chr19	5058101	5058102	chr19	5057947	5058147	MLT1J1	LTR	ERVL-MaLR
chr19	5308883	5308884	.	.	.	.	.	.
chr19	5352360	5352361	.	.	.	.	.	.
chr19	5407561	5407562	chr19	5407536	5407635	MLT1J1	LTR	ERVL-MaLR
chr19	5453039	5453040	chr19	5452957	5453326	MLT1J	LTR	ERVL-MaLR
chr19	6604188	6604189	chr19	6604075	6604286	MLT1J	LTR	ERVL-MaLR
chr19	6761207	6761208	chr19	6761121	6761519	MLT1J2	LTR	ERVL-MaLR
chr19	6812112	6812113	chr19	6811786	6812216	MLT1J2	LTR	ERVL-MaLR
chr19	7515791	7515792	.	.	.	.	.	.
chr19	7616409	7616410	.	.	.	.	.	.
chr19	8989208	8989209	chr19	8989109	8989305	LTR33A_	LTR	ERVL
chr19	10028101	10028102	chr19	10028053	10028462	LTR33A	LTR	ERVL
chr19	10155253	10155254	chr19	10155236	10155398	MLT1J	LTR	ERVL-MaLR
chr19	10156255	10156256	chr19	10155856	10156346	LTR33B	LTR	ERVL
chr19	10479287	10479288	chr19	10479267	10479349	MLT1J2	LTR	ERVL-MaLR
chr19	10990015	10990016	chr19	10989762	10990113	MLT1J	LTR	ERVL-MaLR
chr19	11513084	11513085	.	.	.	.	.	.
chr19	11602018	11602019	chr19	11601971	11602102	MLT1J1	LTR	ERVL-MaLR
chr19	13283418	13283419	.	.	.	.	.	.
chr19	13507632	13507633	chr19	13507572	13507728	LTR33	LTR	ERVL
chr19	13512361	13512362	chr19	13512331	13512658	MLT1J1	LTR	ERVL-MaLR
chr19	13668754	13668755	chr19	13668721	13668783	MLT1J2	LTR	ERVL-MaLR
chr19	13800129	13800130	chr19	13800087	13800390	MLT1J1	LTR	ERVL-MaLR
chr19	13817029	13817030	chr19	13817023	13817085	MLT1J2	LTR	ERVL-MaLR
chr19	13842561	13842562	.	.	.	.	.	.
chr19	13898818	13898819	.	.	.	.	.	.
chr19	13954455	13954456	.	.	.	.	.	.
chr19	14032150	14032151	chr19	14031816	14032253	MLT1J	LTR	ERVL-MaLR
chr19	14192299	14192300	.	.	.	.	.	.
chr19	14593275	14593276	.	.	.	.	.	.
chr19	14743281	14743282	chr19	14743153	14743585	MLT1J	LTR	ERVL-MaLR
chr19	17721442	17721443	chr19	17721332	17721557	MLT1J	LTR	ERVL-MaLR
chr19	17782847	17782848	chr19	17782711	17783139	MLT1J	LTR	ERVL-MaLR
chr19	18279183	18279184	.	.	.	.	.	.
chr19	19477757	19477758	.	.	.	.	.	.
chr19	24184068	24184069	chr19	24183459	24184250	LSU-rRNA_H	rRNA	rRNA
chr19	24526186	24526187	chr19	24515480	24529460	ALR/Alpha	Satellite	centr
chr19	27732142	27732143	chr19	27731784	27741731	ALR/Alpha	Satellite	centr
chr19	27738489	27738490	chr19	27731784	27741731	ALR/Alpha	Satellite	centr
chr19	27967140	27967141	chr19	27960649	27972538	ALR/Alpha	Satellite	centr
chr19	30023205	30023206	chr19	30023089	30023218	MLT1J1	LTR	ERVL-MaLR
chr19	30336203	30336204	.	.	.	.	.	.
chr19	34625480	34625481	.	.	.	.	.	.
chr19	36066539	36066540	chr19	36066505	36066675	LSU-rRNA_H	rRNA	rRNA
chr19	36099360	36099361	chr19	36099332	36099562	MLT1J2	LTR	ERVL-MaLR
chr19	36363264	36363265	.	.	.	.	.	.
chr19	36422612	36422613	.	.	.	.	.	.
chr19	36618831	36618832	.	.	.	.	.	.
chr19	37709060	37709061	.	.	.	.	.	.
chr19	38510142	38510143	chr19	38509783	38510229	MLT1J	LTR	ERVL-MaLR
chr19	38640427	38640428	chr19	38640351	38640540	MLT1J	LTR	ERVL-MaLR
chr19	38653536	38653537	chr19	38653246	38653614	MLT1J2	LTR	ERVL-MaLR
chr19	39174942	39174943	.	.	.	.	.	.
chr19	41571051	41571052	chr19	41570924	41571310	MLT1J	LTR	ERVL-MaLR
chr19	41755857	41755858	chr19	41755680	41755905	LTR33A	LTR	ERVL
chr19	42748974	42748975	.	.	.	.	.	.
chr19	42772935	42772936	.	.	.	.	.	.
chr19	44711624	44711625	.	.	.	.	.	.
chr19	45216573	45216574	.	.	.	.	.	.
chr19	45316983	45316984	.	.	.	.	.	.
chr19	45829608	45829609	chr19	45829466	45829645	MLT1N2	LTR	ERVL-MaLR
chr19	45894751	45894752	chr19	45894728	45895071	MLT1J	LTR	ERVL-MaLR
chr19	45982018	45982019	.	.	.	.	.	.
chr19	45988745	45988746	.	.	.	.	.	.
chr19	46027205	46027206	.	.	.	.	.	.
chr19	46220901	46220902	.	.	.	.	.	.
chr19	46431107	46431108	chr19	46431009	46431177	LTR67B	LTR	ERVL
chr19	47049963	47049964	chr19	47049903	47050044	MLT1J2	LTR	ERVL-MaLR
chr19	47402252	47402253	chr19	47402072	47402363	LTR33A	LTR	ERVL
chr19	47867490	47867491	chr19	47867322	47867608	MLT1J2	LTR	ERVL-MaLR
chr19	47942250	47942251	chr19	47942168	47942438	MLT1J2	LTR	ERVL-MaLR
chr19	48707318	48707319	.	.	.	.	.	.
chr19	48832907	48832908	.	.	.	.	.	.
chr19	48848341	48848342	.	.	.	.	.	.
chr19	48903854	48903855	.	.	.	.	.	.
chr19	48907041	48907042	.	.	.	.	.	.
chr19	48922683	48922684	.	.	.	.	.	.
chr19	49013945	49013946	.	.	.	.	.	.
chr19	49228292	49228293	.	.	.	.	.	.
chr19	49238377	49238378	.	.	.	.	.	.

chr19	49262561	49262562	.	.	.	.	.	.
chr19	49298786	49298787	.	.	.	.	.	.
chr19	49310056	49310057	.	.	.	.	.	.
chr19	49355695	49355696	.	.	.	.	.	.
chr19	49362071	49362072	.	.	.	.	.	.
chr19	49385180	49385181	.	.	.	.	.	.
chr19	49416567	49416568	.	.	.	.	.	.
chr19	49422160	49422161	.	.	.	.	.	.
chr19	49447990	49447991	.	.	.	.	.	.
chr19	49479652	49479653	.	.	.	.	.	.
chr19	49485753	49485754	.	.	.	.	.	.
chr19	49486905	49486906	.	.	.	.	.	.
chr19	49490394	49490395	.	.	.	.	.	.
chr19	49835072	49835073	chr19	49834909	49835121	MLT1J2	LTR	ERVL-MaLR
chr19	49851199	49851200	chr19	49851134	49851535	MLT1J2	LTR	ERVL-MaLR
chr19	49947116	49947117	.	.	.	.	.	.
chr19	49968817	49968818	.	.	.	.	.	.
chr19	50163200	50163201	.	.	.	.	.	.
chr19	50252787	50252788	chr19	50252717	50252872	MLT1J	LTR	ERVL-MaLR
chr19	50339838	50339839	.	.	.	.	.	.
chr19	50501087	50501088	chr19	50500985	50501447	MLT1J	LTR	ERVL-MaLR
chr19	50651571	50651572	.	.	.	.	.	.
chr19	50836864	50836865	.	.	.	.	.	.
chr19	51263307	51263308	chr19	51263195	51263433	MLT1J	LTR	ERVL-MaLR
chr19	51963873	51963874	chr19	51963819	51964016	MLT2F	LTR	ERVL
chr19	53400861	53400862	.	.	.	.	.	.
chr19	54382751	54382752	.	.	.	.	.	.
chr19	54396440	54396441	.	.	.	.	.	.
chr19	54411542	54411543	.	.	.	.	.	.
chr19	54480888	54480889	.	.	.	.	.	.
chr19	54503165	54503166	.	.	.	.	.	.
chr19	54682411	54682412	.	.	.	.	.	.
chr19	55577677	55577678	.	.	.	.	.	.
chr19	55607080	55607081	.	.	.	.	.	.
chr19	55709071	55709072	.	.	.	.	.	.
chr19	55800724	55800725	.	.	.	.	.	.
chr19	55817031	55817032	.	.	.	.	.	.
chr19	55831338	55831339	.	.	.	.	.	.
chr19	56028902	56028903	.	.	.	.	.	.
chr19	56826316	56826317	.	.	.	.	.	.
chr19	58071240	58071241	.	.	.	.	.	.
chr19	58330976	58330977	.	.	.	.	.	.
chr19	58666551	58666552	.	.	.	.	.	.
chr19	58816644	58816645	.	.	.	.	.	.
chr19	59010936	59010937	.	.	.	.	.	.
chr2	1018168	1018169	.	.	.	.	.	.
chr2	2617345	2617346	chr2	2617318	2617363	L1M6	LINE	L1
chr2	10552734	10552735	chr2	10552532	10552786	MLT1J2	LTR	ERVL-MaLR
chr2	20550673	20550674	.	.	.	.	.	.
chr2	23598513	23598514	.	.	.	.	.	.
chr2	24694712	24694713	chr2	24694638	24694867	MLT1J1	LTR	ERVL-MaLR
chr2	26296434	26296435	chr2	26296350	26296544	LTR33B	LTR	ERVL
chr2	26992075	26992076	.	.	.	.	.	.
chr2	26995744	26995745	chr2	26995708	26995868	MER117	DNA	hAT-Charlie
chr2	27304227	27304228	.	.	.	.	.	.
chr2	27319318	27319319	.	.	.	.	.	.
chr2	28384016	28384017	.	.	.	.	.	.
chr2	28497845	28497846	.	.	.	.	.	.
chr2	28624944	28624945	.	.	.	.	.	.
chr2	36845642	36845643	chr2	36845622	36846012	MLT1J1	LTR	ERVL-MaLR
chr2	37552153	37552154	.	.	.	.	.	.
chr2	43172092	43172093	chr2	43171997	43172164	LTR33B	LTR	ERVL
chr2	43370347	43370348	chr2	43370002	43370437	MLT1N2	LTR	ERVL-MaLR
chr2	46219454	46219455	.	.	.	.	.	.
chr2	70704700	70704701	chr2	70704621	70705022	MLT1J2	LTR	ERVL-MaLR
chr2	70974631	70974632	.	.	.	.	.	.
chr2	71938857	71938858	.	.	.	.	.	.
chr2	85645703	85645704	.	.	.	.	.	.
chr2	85728579	85728580	chr2	85728173	85728663	LTR33A	LTR	ERVL
chr2	88844874	88844875	chr2	88844752	88844960	MLT1J	LTR	ERVL-MaLR
chr2	89867468	89867469	chr2	89867359	89867538	(CATTC)n	Satellite	Satellite
chr2	91760761	91760762	chr2	91760681	91760813	(CA)n	Simple_repea	Simple_repeat
chr2	91793937	91793938	.	.	.	.	.	.
chr2	92267644	92267645	chr2	92267522	92268924	HSATII	Satellite	Satellite
chr2	92269347	92269348	chr2	92268957	92270058	HSATII	Satellite	Satellite
chr2	92275945	92275946	chr2	92274434	92312482	ALR/Alpha	Satellite	centr
chr2	92281336	92281337	chr2	92274434	92312482	ALR/Alpha	Satellite	centr
chr2	92290538	92290539	chr2	92274434	92312482	ALR/Alpha	Satellite	centr
chr2	92296854	92296855	chr2	92274434	92312482	ALR/Alpha	Satellite	centr
chr2	92305757	92305758	chr2	92274434	92312482	ALR/Alpha	Satellite	centr
chr2	92317747	92317748	chr2	92315719	92326171	ALR/Alpha	Satellite	centr
chr2	92323578	92323579	chr2	92315719	92326171	ALR/Alpha	Satellite	centr
chr2	95873244	95873245	.	.	.	.	.	.
chr2	95999571	95999572	.	.	.	.	.	.
chr2	97198153	97198154	.	.	.	.	.	.
chr2	104995367	104995368	chr2	104995282	104995711	LTR33A	LTR	ERVL
chr2	107405909	107405910	chr2	107405701	107405923	MLT1J1	LTR	ERVL-MaLR
chr2	110970133	110970134	.	.	.	.	.	.
chr2	118955071	118955072	chr2	118954696	118955181	MLT1J	LTR	ERVL-MaLR
chr2	132996331	132996332	chr2	132994855	133000000	ALR/Alpha	Satellite	centr
chr2	132997520	132997521	chr2	132994855	133000000	ALR/Alpha	Satellite	centr
chr2	133003326	133003327	chr2	133000001	133006070	ALR/Alpha	Satellite	centr
chr2	133023216	133023217	.	.	.	.	.	.
chr2	133090114	133090115	.	.	.	.	.	.
chr2	133105026	133105027	.	.	.	.	.	.
chr2	150600621	150600622	.	.	.	.	.	.
chr2	161098389	161098390	.	.	.	.	.	.
chr2	162138987	162138988	.	.	.	.	.	.
chr2	189494211	189494212	.	.	.	.	.	.
chr2	191885185	191885186	.	.	.	.	.	.
chr2	200324821	200324822	.	.	.	.	.	.
chr2	200524152	200524153	.	.	.	.	.	.
chr2	207288120	207288121	chr2	207287796	207288207	MLT1J2	LTR	ERVL-MaLR
chr2	210791656	210791657	.	.	.	.	.	.
chr2	218515074	218515075	chr2	218515050	218515463	MLT1J1	LTR	ERVL-MaLR
chr2	219260956	219260957	.	.	.	.	.	.
chr2	220151017	220151018	.	.	.	.	.	.

chr2	220578024	220578025	chr2	220577743	220578150	MLT1J	LTR	ERVL-MaLR
chr2	221601690	221601691	chr2	221601338	221601826	MLT1J	LTR	ERVL-MaLR
chr2	223892252	223892253	.	.	.	.	.	.
chr2	223912299	223912300	.	.	.	.	.	.
chr2	225087188	225087189	chr2	225087106	225087253	MLT1J1	LTR	ERVL-MaLR
chr2	228085999	228086000	chr2	228085880	228086246	L2a	LINE	L2
chr2	230045522	230045523	chr2	230045487	230045638	LSU-rRNA_H	rRNA	rRNA
chr2	234722936	234722937	.	.	.	.	.	.
chr2	235591478	235591479	.	.	.	.	.	.
chr2	239143169	239143170	.	.	.	.	.	.
chr20	948918	948919	chr20	948874	949300	MLT1J	LTR	ERVL-MaLR
chr20	986505	986506	chr20	986419	986582	MLT1J1	LTR	ERVL-MaLR
chr20	3668483	3668484	chr20	3668441	3668794	MLT1J	LTR	ERVL-MaLR
chr20	10427848	10427849	chr20	10427080	10427933	L1MD2	LINE	L1
chr20	11833733	11833734	chr20	11833620	11833783	MLT1J2	LTR	ERVL-MaLR
chr20	12575613	12575614	chr20	12575443	12575646	MLT1J2	LTR	ERVL-MaLR
chr20	17506446	17506447	chr20	17506358	17506616	MLT1J	LTR	ERVL-MaLR
chr20	17742499	17742500	.	.	.	.	.	.
chr20	17835101	17835102	chr20	17834824	17835187	LTR33A_	LTR	ERVL
chr20	21077104	21077105	chr20	21076825	21077168	MLT1J1	LTR	ERVL-MaLR
chr20	22666863	22666864	chr20	22666824	22667266	LTR33A	LTR	ERVL
chr20	26313510	26313511	chr20	26285418	26319564	ALR/Alpha	Satellite	centr
chr20	26318483	26318484	chr20	26285418	26319564	ALR/Alpha	Satellite	centr
chr20	29634725	29634726	.	.	.	.	.	.
chr20	29653352	29653353	.	.	.	.	.	.
chr20	30132129	30132130	.	.	.	.	.	.
chr20	30160677	30160678	.	.	.	.	.	.
chr20	30467954	30467955	.	.	.	.	.	.
chr20	30592934	30592935	chr20	30592807	30593186	MLT1J	LTR	ERVL-MaLR
chr20	36998234	36998235	chr20	36998163	36998535	LTR33A_	LTR	ERVL
chr20	37021142	37021143	chr20	37021067	37021537	MLT1J1	LTR	ERVL-MaLR
chr20	38911295	38911296	.	.	.	.	.	.
chr20	40293452	40293453	chr20	40293095	40293513	MLT1J	LTR	ERVL-MaLR
chr20	40321605	40321606	.	.	.	.	.	.
chr20	41867660	41867661	chr20	41867630	41867843	MLT1J2	LTR	ERVL-MaLR
chr20	41916440	41916441	chr20	41916410	41916622	MLT1J	LTR	ERVL-MaLR
chr20	42286176	42286177	.	.	.	.	.	.
chr20	42747518	42747519	chr20	42747401	42747620	MLT1J2	LTR	ERVL-MaLR
chr20	42920573	42920574	chr20	42920468	42920686	MLT1J2	LTR	ERVL-MaLR
chr20	43331626	43331627	.	.	.	.	.	.
chr20	43365118	43365119	chr20	43364915	43365203	MLT1J2	LTR	ERVL-MaLR
chr20	43367700	43367701	chr20	43367376	43367719	MLT1J2	LTR	ERVL-MaLR
chr20	45323427	45323428	chr20	45323364	45323548	MLT1J	LTR	ERVL-MaLR
chr20	45600171	45600172	chr20	45599826	45600279	MLT1J	LTR	ERVL-MaLR
chr20	45779534	45779535	chr20	45779404	45779638	MLT1J	LTR	ERVL-MaLR
chr20	45810160	45810161	chr20	45809799	45810183	MLT1J2	LTR	ERVL-MaLR
chr20	46020962	46020963	chr20	46020669	46021018	MLT1J	LTR	ERVL-MaLR
chr20	46362863	46362864	chr20	46362736	46362911	MLT1J	LTR	ERVL-MaLR
chr20	46523691	46523692	chr20	46523334	46524847	D20S16	Satellite	Satellite
chr20	46726914	46726915	chr20	46726849	46727054	MLT1J	LTR	ERVL-MaLR
chr20	47096020	47096021	chr20	47095964	47096321	MLT1J	LTR	ERVL-MaLR
chr20	47132001	47132002	chr20	47131216	47132980	D20S16	Satellite	Satellite
chr20	47236449	47236450	.	.	.	.	.	.
chr20	48002154	48002155	chr20	48002052	48002311	MLT1J	LTR	ERVL-MaLR
chr20	48118573	48118574	chr20	48118563	48118828	MLT1J	LTR	ERVL-MaLR
chr20	48937220	48937221	chr20	48937170	48937658	L2a	LINE	L2
chr20	48951909	48951910	chr20	48951672	48951927	MLT1J1	LTR	ERVL-MaLR
chr20	49016161	49016162	chr20	49016017	49016180	MIRb	SINE	MIR
chr20	49084721	49084722	chr20	49084613	49084779	MLT1J	LTR	ERVL-MaLR
chr20	49116146	49116147	chr20	49116004	49116228	MLT1J	LTR	ERVL-MaLR
chr20	49816744	49816745	chr20	49816377	49816799	MLT1J	LTR	ERVL-MaLR
chr20	49957178	49957179	chr20	49957128	49957189	MLT1J	LTR	ERVL-MaLR
chr20	50650111	50650112	chr20	50649731	50650214	MLT1J	LTR	ERVL-MaLR
chr20	50956756	50956757	chr20	50956712	50956787	MLT1J	LTR	ERVL-MaLR
chr20	52369946	52369947	.	.	.	.	.	.
chr20	52535721	52535722	chr20	52535618	52535746	MLT1J	LTR	ERVL-MaLR
chr20	52765590	52765591	chr20	52765553	52765665	L2a	LINE	L2
chr20	54089423	54089424	chr20	54089284	54089482	MLT1J	LTR	ERVL-MaLR
chr20	54463912	54463913	chr20	54463821	54463956	MLT1J1	LTR	ERVL-MaLR
chr20	57068018	57068019	chr20	57067944	57068236	(CA)n	Simple_repea	Simple_repeat
chr20	57682256	57682257	chr20	57681938	57682328	MLT1J	LTR	ERVL-MaLR
chr20	60663314	60663315	chr20	60663157	60663495	(CA)n	Simple_repea	Simple_repeat
chr20	60928038	60928039	.	.	.	.	.	.
chr20	61507090	61507091	chr20	61506752	61507619	ERVL-E-int	LTR	ERVL
chr20	62587878	62587879	.	.	.	.	.	.
chr21	9647780	9647781	.	.	.	.	.	.
chr21	9696135	9696136	.	.	.	.	.	.
chr21	9699597	9699598	chr21	9698495	9700051	ACRO1	Satellite	acro
chr21	10702606	10702607	chr21	10700034	10703711	ALR/Alpha	Satellite	centr
chr21	11110670	11110671	.	.	.	.	.	.
chr21	11145879	11145880	.	.	.	.	.	.
chr21	17959560	17959561	.	.	.	.	.	.
chr21	22519398	22519399	.	.	.	.	.	.
chr21	28058801	28058802	chr21	28058767	28058855	MLT1J	LTR	ERVL-MaLR
chr21	28415901	28415902	chr21	28415850	28415974	LTR33B	LTR	ERVL
chr21	30375101	30375102	.	.	.	.	.	.
chr21	33467312	33467313	chr21	33467257	33467627	MLT1J	LTR	ERVL-MaLR
chr21	35340755	35340756	chr21	35340492	35340913	MLT1J	LTR	ERVL-MaLR
chr21	35402572	35402573	chr21	35402310	35402639	MLT1J2	LTR	ERVL-MaLR
chr21	35434495	35434496	chr21	35434181	35434618	MLT1J	LTR	ERVL-MaLR
chr21	44753656	44753657	.	.	.	.	.	.
chr22	18483405	18483406	.	.	.	.	.	.
chr22	18878568	18878569	chr22	18878157	18878723	HSATI	Satellite	Satellite
chr22	24256235	24256236	.	.	.	.	.	.
chr22	25346460	25346461	.	.	.	.	.	.
chr22	27366950	27366951	chr22	27366814	27367067	MLT1J	LTR	ERVL-MaLR
chr22	28084129	28084130	chr22	28084104	28084477	MLT1J2	LTR	ERVL-MaLR
chr22	29553977	29553978	chr22	29553870	29554057	MLT1J2	LTR	ERVL-MaLR
chr22	29853935	29853936	chr22	29853861	29854105	LTR33A	LTR	ERVL
chr22	30841290	30841291	.	.	.	.	.	.
chr22	33300190	33300191	chr22	33300118	33300552	MLT1J2	LTR	ERVL-MaLR
chr22	37137675	37137676	chr22	37137576	37137728	MLT1G1	LTR	ERVL-MaLR
chr22	37838685	37838686	chr22	37838574	37839047	MLT1J	LTR	ERVL-MaLR
chr22	37966523	37966524	.	.	.	.	.	.
chr22	38198420	38198421	.	.	.	.	.	.
chr22	38329981	38329982	.	.	.	.	.	.
chr22	38562154	38562155	chr22	38562101	38562320	MLT1J	LTR	ERVL-MaLR

chr22	39886374	39886375	chr22	39886034	39886485	MLT1J	LTR	ERVL-MaLR
chr22	41840488	41840489	.	.	.	.	.	.
chr22	43070092	43070093	.	.	.	.	.	.
chr22	43463450	43463451	chr22	43463264	43463469	MIR	SINE	MIR
chr22	46409667	46409668	.	.	.	.	.	.
chr22	47150563	47150564	.	.	.	.	.	.
chr22	47935935	47935936	chr22	47935841	47936010	MLT1J2	LTR	ERVL-MaLR
chr22	50364443	50364444	chr22	50364358	50364469	(TG)n	Simple_repe	Simple_repeat
chr22	50713634	50713635	.	.	.	.	.	.
chr3	4868145	4868146	.	.	.	.	.	.
chr3	11286026	11286027	chr3	11285658	11286127	MLT1J	LTR	ERVL-MaLR
chr3	12222004	12222005	.	.	.	.	.	.
chr3	14361237	14361238	chr3	14361220	14361595	MLT1J2	LTR	ERVL-MaLR
chr3	15419831	15419832	chr3	15419497	15420042	MER66C	LTR	ERV1
chr3	16100871	16100872	chr3	16100795	16101444	MLT2F	LTR	ERVL
chr3	34326611	34326612	chr3	34326534	34326940	MLT1J1	LTR	ERVL-MaLR
chr3	40733202	40733203	.	.	.	.	.	.
chr3	49435061	49435062	chr3	49434971	49435120	MLT1J	LTR	ERVL-MaLR
chr3	51572650	51572651	.	.	.	.	.	.
chr3	54241159	54241160	chr3	54240826	54241217	MLT1J2	LTR	ERVL-MaLR
chr3	55496324	55496325	chr3	55495985	55496343	MLT1J2	LTR	ERVL-MaLR
chr3	58147634	58147635	chr3	58147296	58147738	MLT1L	LTR	ERVL-MaLR
chr3	62672614	62672615	.	.	.	.	.	.
chr3	64199935	64199936	.	.	.	.	.	.
chr3	73159949	73159950	.	.	.	.	.	.
chr3	75690482	75690483	.	.	.	.	.	.
chr3	75698204	75698205	chr3	75697541	75698907	BSR/Beta	Satellite	Satellite
chr3	75718590	75718591	.	.	.	.	.	.
chr3	90447962	90447963	chr3	90437601	90451059	ALR/Alpha	Satellite	centr
chr3	90490797	90490798	chr3	90485831	90499999	ALR/Alpha	Satellite	centr
chr3	114343661	114343662	.	.	.	.	.	.
chr3	114958777	114958778	.	.	.	.	.	.
chr3	125476065	125476066	chr3	125475997	125476183	MLT1J1	LTR	ERVL-MaLR
chr3	127416439	127416440	chr3	127416347	127416532	MLT1J	LTR	ERVL-MaLR
chr3	133524563	133524564	.	.	.	.	.	.
chr3	140629934	140629935	chr3	140629893	140630065	LTR33A	LTR	ERVL
chr3	141030620	141030621	.	.	.	.	.	.
chr3	141089262	141089263	chr3	141088929	141089280	MLT1J1	LTR	ERVL-MaLR
chr3	141131933	141131934	.	.	.	.	.	.
chr3	141365794	141365795	chr3	141365756	141365931	LTR33A	LTR	ERVL
chr3	144355804	144355805	chr3	144355693	144355812	LTR33B	LTR	ERVL
chr3	156892915	156892916	.	.	.	.	.	.
chr3	158453622	158453623	chr3	158453327	158453721	MLT1J	LTR	ERVL-MaLR
chr3	189721602	189721603	.	.	.	.	.	.
chr3	194054226	194054227	.	.	.	.	.	.
chr3	196625662	196625663	chr3	196625624	196625775	HSATII	Satellite	Satellite
chr3	197228629	197228630	chr3	197228277	197228747	MLT1J	LTR	ERVL-MaLR
chr3	197463793	197463794	.	.	.	.	.	.
chr4	2538107	2538108	.	.	.	.	.	.
chr4	3758246	3758247	chr4	3758193	3758351	MLT1J	LTR	ERVL-MaLR
chr4	4807745	4807746	chr4	4807655	4808008	LTR67B	LTR	ERVL
chr4	6374820	6374821	chr4	6374708	6375108	MLT1J2	LTR	ERVL-MaLR
chr4	6585030	6585031	chr4	6585023	6585210	MLT1J	LTR	ERVL-MaLR
chr4	7075516	7075517	chr4	7075217	7075616	MLT1J	LTR	ERVL-MaLR
chr4	8855216	8855217	chr4	8854888	8855294	MLT1J	LTR	ERVL-MaLR
chr4	26126784	26126785	chr4	26126537	26126863	MLT1J	LTR	ERVL-MaLR
chr4	37764435	37764436	chr4	37764378	37764492	MLT1J	LTR	ERVL-MaLR
chr4	40294270	40294271	chr4	40293950	40294415	MLT1J	LTR	ERVL-MaLR
chr4	40398013	40398014	.	.	.	.	.	.
chr4	41348772	41348773	chr4	41348743	41349028	L1MEd	LINE	L1
chr4	41846525	41846526	chr4	41846420	41846893	MLT1J	LTR	ERVL-MaLR
chr4	49107638	49107639	chr4	49107534	49107896	(CATTC)n	Satellite	Satellite
chr4	49123044	49123045	chr4	49122822	49123340	(CATTC)n	Satellite	Satellite
chr4	49143106	49143107	chr4	49143084	49143390	(CATTC)n	Satellite	Satellite
chr4	49151780	49151781	.	.	.	.	.	.
chr4	49316209	49316210	chr4	49315994	49316260	MER21B	LTR	ERVL
chr4	49512356	49512357	chr4	49512110	49512432	L1MB8	LINE	L1
chr4	49514755	49514756	.	.	.	.	.	.
chr4	49634844	49634845	chr4	49634506	49635224	(GAATG)n	Satellite	Satellite
chr4	49659637	49659638	chr4	49659487	49659901	(GAATG)n	Satellite	Satellite
chr4	53647047	53647048	chr4	53646864	53647355	MLT1J2	LTR	ERVL-MaLR
chr4	55602263	55602264	chr4	55601955	55602357	MLT1J	LTR	ERVL-MaLR
chr4	68265565	68265566	chr4	68264218	68266806	ALR/Alpha	Satellite	centr
chr4	70296720	70296721	chr4	70296581	70296753	LSU-rRNA_H	rRNA	rRNA
chr4	76807209	76807210	chr4	76807175	76807697	LSU-rRNA_H	rRNA	rRNA
chr4	80274534	80274535	chr4	80274472	80274625	GA-rich	Low_comple	Low_complexity
chr4	84520613	84520614	chr4	84520400	84520708	MLT1J	LTR	ERVL-MaLR
chr4	106009459	106009460	.	.	.	.	.	.
chr4	108187162	108187163	chr4	108187103	108187641	MLT2F	LTR	ERVL
chr4	184909376	184909377	.	.	.	.	.	.
chr4	185265153	185265154	chr4	185265007	185265239	LTR33A	LTR	ERVL
chr4	185458790	185458791	chr4	185458344	185458881	L1M6	LINE	L1
chr4	185585829	185585830	chr4	185585532	185585945	MLT1J	LTR	ERVL-MaLR
chr4	187762311	187762312	.	.	.	.	.	.
chr4	188748012	188748013	chr4	188747921	188748336	LTR33A	LTR	ERVL
chr4	190200765	190200766	.	.	.	.	.	.
chr4	190478842	190478843	chr4	190478816	190479004	C-rich	Low_comple	Low_complexity
chr4	190643689	190643690	.	.	.	.	.	.
chr5	142770	142771	chr5	142667	142838	(CA)n	Simple_repe	Simple_repeat
chr5	208050	208051	.	.	.	.	.	.
chr5	264714	264715	.	.	.	.	.	.
chr5	335415	335416	chr5	333730	336572	L1M2	LINE	L1
chr5	346849	346850	chr5	346827	347073	LTR40b	LTR	ERVL
chr5	361554	361555	chr5	361368	362089	MLT1A-int	LTR	ERVL-MaLR
chr5	386876	386877	chr5	386868	386921	L1MC4	LINE	L1
chr5	628730	628731	.	.	.	.	.	.
chr5	633696	633697	.	.	.	.	.	.
chr5	647171	647172	.	.	.	.	.	.
chr5	654515	654516	chr5	654469	654594	(TG)n	Simple_repe	Simple_repeat
chr5	754548	754549	.	.	.	.	.	.
chr5	840814	840815	.	.	.	.	.	.
chr5	922177	922178	.	.	.	.	.	.
chr5	937883	937884	.	.	.	.	.	.
chr5	944711	944712	.	.	.	.	.	.
chr5	983898	983899	chr5	983702	984024	(TG)n	Simple_repe	Simple_repeat
chr5	1352925	1352926	chr5	1352475	1353335	L1M2c	LINE	L1
chr5	1458742	1458743	chr5	1458594	1458843	ERVL-E-int	LTR	ERVL

chr5	1653102	1653103	.	.	.	.	.	.
chr5	1662862	1662863	chr5	1662841	1663069	(TG)n	Simple_repe	Simple_repeat
chr5	1692889	1692890	chr5	1692393	1693187	LTR1D	LTR	ERV1
chr5	1929987	1929988	chr5	1929896	1930335	(TG)n	Simple_repe	Simple_repeat
chr5	1960621	1960622	chr5	1960542	1960791	(CA)n	Simple_repe	Simple_repeat
chr5	1986029	1986030	.	.	.	.	.	.
chr5	2031978	2031979	.	.	.	.	.	.
chr5	2082970	2082971	.	.	.	.	.	.
chr5	2227761	2227762	.	.	.	.	.	.
chr5	2291695	2291696	.	.	.	.	.	.
chr5	2531684	2531685	chr5	2531477	2531735	(CA)n	Simple_repe	Simple_repeat
chr5	2541948	2541949	chr5	2541822	2542011	(TG)n	Simple_repe	Simple_repeat
chr5	2568874	2568875	chr5	2568690	2569056	LTR33	LTR	ERVL
chr5	2669475	2669476	chr5	2669445	2669623	(CA)n	Simple_repe	Simple_repeat
chr5	2764763	2764764	.	.	.	.	.	.
chr5	2767425	2767426	chr5	2767266	2767611	MER74B	LTR	ERVL
chr5	2889098	2889099	chr5	2889006	2889295	(TG)n	Simple_repe	Simple_repeat
chr5	3042724	3042725	.	.	.	.	.	.
chr5	3238638	3238639	.	.	.	.	.	.
chr5	3324311	3324312	chr5	3324150	3324313	(TG)n	Simple_repe	Simple_repeat
chr5	3373587	3373588	chr5	3373569	3373728	L1M3a	LINE	L1
chr5	3481428	3481429	.	.	.	.	.	.
chr5	3727349	3727350	.	.	.	.	.	.
chr5	4080828	4080829	chr5	4080438	4080857	(CA)n	Simple_repe	Simple_repeat
chr5	4080828	4080829	chr5	4080771	4080899	(CATG)n	Simple_repe	Simple_repeat
chr5	4114785	4114786	.	.	.	.	.	.
chr5	4133069	4133070	.	.	.	.	.	.
chr5	4145282	4145283	.	.	.	.	.	.
chr5	4155095	4155096	.	.	.	.	.	.
chr5	4580920	4580921	.	.	.	.	.	.
chr5	4905128	4905129	.	.	.	.	.	.
chr5	4987961	4987962	chr5	4987632	4987968	MER77	LTR	ERVL
chr5	5017296	5017297	chr5	5017268	5017664	L2a	LINE	L2
chr5	5081236	5081237	.	.	.	.	.	.
chr5	5175914	5175915	chr5	5174945	5176223	L1M1	LINE	L1
chr5	5183396	5183397	.	.	.	.	.	.
chr5	5340562	5340563	.	.	.	.	.	.
chr5	5470167	5470168	.	.	.	.	.	.
chr5	5491106	5491107	.	.	.	.	.	.
chr5	5514677	5514678	chr5	5514493	5514944	MLT1G	LTR	ERVL-MaLR
chr5	5600372	5600373	chr5	5599139	5600661	ERV3.6A3_I-i	LTR	ERVL
chr5	5667703	5667704	.	.	.	.	.	.
chr5	5677809	5677810	.	.	.	.	.	.
chr5	6045348	6045349	.	.	.	.	.	.
chr5	6081050	6081051	chr5	6080965	6081110	(CA)n	Simple_repe	Simple_repeat
chr5	6409143	6409144	chr5	6409118	6409516	MLT1A1	LTR	ERVL-MaLR
chr5	6550985	6550986	.	.	.	.	.	.
chr5	6615055	6615056	.	.	.	.	.	.
chr5	6686254	6686255	chr5	6686165	6686320	L2a	LINE	L2
chr5	6805401	6805402	.	.	.	.	.	.
chr5	6837096	6837097	.	.	.	.	.	.
chr5	6858765	6858766	chr5	6858548	6859147	LTR16D	LTR	ERVL
chr5	6904166	6904167	.	.	.	.	.	.
chr5	6934045	6934046	chr5	6934019	6934259	LTR16E1	LTR	ERVL
chr5	6961418	6961419	chr5	6961217	6961652	(CA)n	Simple_repe	Simple_repeat
chr5	7068497	7068498	chr5	7068344	7068523	MER20	DNA	hAT-Charlie
chr5	7315228	7315229	.	.	.	.	.	.
chr5	7384591	7384592	.	.	.	.	.	.
chr5	7459344	7459345	chr5	7459275	7459368	MLT1H2	LTR	ERVL-MaLR
chr5	7520436	7520437	.	.	.	.	.	.
chr5	7597412	7597413	.	.	.	.	.	.
chr5	7674423	7674424	.	.	.	.	.	.
chr5	7718721	7718722	.	.	.	.	.	.
chr5	7727156	7727157	.	.	.	.	.	.
chr5	7881522	7881523	chr5	7881287	7881642	ERV3.6A3_I-i	LTR	ERVL
chr5	7927516	7927517	.	.	.	.	.	.
chr5	8121281	8121282	chr5	8121030	8121727	L1M3e	LINE	L1
chr5	8143829	8143830	chr5	8143784	8143965	MLT1J2	LTR	ERVL-MaLR
chr5	8209117	8209118	chr5	8209059	8209295	(TG)n	Simple_repe	Simple_repeat
chr5	8543240	8543241	.	.	.	.	.	.
chr5	8615485	8615486	chr5	8615251	8615661	(CA)n	Simple_repe	Simple_repeat
chr5	8806236	8806237	chr5	8805263	8806363	THE1B-int	LTR	ERVL-MaLR
chr5	8844056	8844057	.	.	.	.	.	.
chr5	8935940	8935941	chr5	8935592	8937853	L1PA13	LINE	L1
chr5	8974087	8974088	chr5	8969526	8975304	L1MA4A	LINE	L1
chr5	8981414	8981415	chr5	8981166	8981844	MER54A	LTR	ERVL
chr5	9271840	9271841	chr5	9271724	9278082	L1PA7	LINE	L1
chr5	9332277	9332278	.	.	.	.	.	.
chr5	9346796	9346797	chr5	9346037	9346949	LTR1D	LTR	ERV1
chr5	9372648	9372649	.	.	.	.	.	.
chr5	9933075	9933076	chr5	9933012	9933182	MLT1J2	LTR	ERVL-MaLR
chr5	10126632	10126633	chr5	10126319	10126754	MLT1C	LTR	ERVL-MaLR
chr5	10140465	10140466	.	.	.	.	.	.
chr5	10233176	10233177	.	.	.	.	.	.
chr5	10278090	10278091	chr5	10278005	10278171	LTR86B1	LTR	ERVL
chr5	10290260	10290261	.	.	.	.	.	.
chr5	10331704	10331705	.	.	.	.	.	.
chr5	10373775	10373776	.	.	.	.	.	.
chr5	10377194	10377195	.	.	.	.	.	.
chr5	10432613	10432614	.	.	.	.	.	.
chr5	10503529	10503530	.	.	.	.	.	.
chr5	10537922	10537923	.	.	.	.	.	.
chr5	10595215	10595216	.	.	.	.	.	.
chr5	10601485	10601486	chr5	10601465	10601777	L2c	LINE	L2
chr5	10638817	10638818	.	.	.	.	.	.
chr5	10777363	10777364	chr5	10777280	10777467	(CA)n	Simple_repe	Simple_repeat
chr5	11174098	11174099	chr5	11173999	11174534	L2b	LINE	L2
chr5	11181833	11181834	chr5	11181761	11182374	(TG)n	Simple_repe	Simple_repeat
chr5	11192078	11192079	chr5	11191581	11192189	MLT2F	LTR	ERVL
chr5	11240840	11240841	chr5	11240813	11241292	(CA)n	Simple_repe	Simple_repeat
chr5	11258317	11258318	.	.	.	.	.	.
chr5	11373203	11373204	.	.	.	.	.	.
chr5	11467163	11467164	.	.	.	.	.	.
chr5	11484275	11484276	.	.	.	.	.	.
chr5	11561036	11561037	.	.	.	.	.	.
chr5	11642646	11642647	chr5	11642271	11642739	L2a	LINE	L2
chr5	11721871	11721872	chr5	11721593	11722062	MLT1G1	LTR	ERVL-MaLR

chr5	11786127	11786128	.	.	.	.	.	.
chr5	12050184	12050185	chr5	12050159	12051107	L1MCc	LINE	L1
chr5	12132951	12132952	chr5	12131916	12138444	L1PA15	LINE	L1
chr5	12299736	12299737	.	.	.	.	.	.
chr5	12320724	12320725	chr5	12320382	12321184	L1PA13	LINE	L1
chr5	12385281	12385282	chr5	12382084	12385987	L1PA13	LINE	L1
chr5	12468142	12468143	chr5	12467336	12474027	L1PREC2	LINE	L1
chr5	12488737	12488738	.	.	.	.	.	.
chr5	12532648	12532649	chr5	12531999	12533869	L1PB4	LINE	L1
chr5	12674697	12674698	chr5	12672681	12674833	L1P3	LINE	L1
chr5	12717804	12717805	chr5	12716890	12718465	MER52A	LTR	ERV1
chr5	12805704	12805705	chr5	12804876	12805784	LTR1D	LTR	ERV1
chr5	12846126	12846127	chr5	12845574	12846452	L1M2c	LINE	L1
chr5	12877325	12877326	chr5	12876677	12877731	LTR1D	LTR	ERV1
chr5	12883805	12883806	chr5	12883622	12883944	MER1B	DNA	hAT-Charlie
chr5	12935400	12935401	chr5	12935264	12936108	HERVL18-int	LTR	ERVL
chr5	12995306	12995307	.	.	.	.	.	.
chr5	13070818	13070819	chr5	13070329	13071923	MSTA-int	LTR	ERVL-MaLR
chr5	13190019	13190020	.	.	.	.	.	.
chr5	13214541	13214542	chr5	13214376	13214611	L2c	LINE	L2
chr5	13218784	13218785	chr5	13217668	13219326	MLT1A0-int	LTR	ERVL-MaLR
chr5	13231247	13231248	chr5	13230910	13231477	MLT2B3	LTR	ERVL
chr5	13331859	13331860	.	.	.	.	.	.
chr5	13383058	13383059	chr5	13381400	13384624	L1PA16	LINE	L1
chr5	13410317	13410318	chr5	13409411	13411488	L1M2a	LINE	L1
chr5	13494322	13494323	chr5	13492445	13494628	L1PA15	LINE	L1
chr5	13538064	13538065	chr5	13537730	13538192	MLT1C	LTR	ERVL-MaLR
chr5	13554187	13554188	.	.	.	.	.	.
chr5	13663687	13663688	.	.	.	.	.	.
chr5	13888207	13888208	chr5	13887577	13888636	L2a	LINE	L2
chr5	13894186	13894187	chr5	13894120	13894321	MER103C	DNA	hAT-Charlie
chr5	13955009	13955010	.	.	.	.	.	.
chr5	13986324	13986325	.	.	.	.	.	.
chr5	14006417	14006418	chr5	14006229	14006438	MIRb	SINE	MIR
chr5	14011329	14011330	.	.	.	.	.	.
chr5	14061416	14061417	chr5	14061400	14061479	MLT1N2	LTR	ERVL-MaLR
chr5	14083426	14083427	.	.	.	.	.	.
chr5	14094858	14094859	.	.	.	.	.	.
chr5	14125574	14125575	chr5	14125549	14125647	MLT1J2	LTR	ERVL-MaLR
chr5	14157359	14157360	.	.	.	.	.	.
chr5	14262215	14262216	.	.	.	.	.	.
chr5	14268524	14268525	.	.	.	.	.	.
chr5	14394590	14394591	.	.	.	.	.	.
chr5	14452230	14452231	.	.	.	.	.	.
chr5	14491564	14491565	.	.	.	.	.	.
chr5	14542854	14542855	chr5	14542740	14543439	L1M2	LINE	L1
chr5	14751363	14751364	.	.	.	.	.	.
chr5	14802330	14802331	chr5	14802188	14802739	L2a	LINE	L2
chr5	14869097	14869098	.	.	.	.	.	.
chr5	14889004	14889005	chr5	14888927	14889353	MLT1C	LTR	ERVL-MaLR
chr5	14917675	14917676	.	.	.	.	.	.
chr5	14927127	14927128	.	.	.	.	.	.
chr5	14960856	14960857	.	.	.	.	.	.
chr5	15008827	15008828	.	.	.	.	.	.
chr5	15057293	15057294	chr5	15050505	15057959	L1MA5	LINE	L1
chr5	15077963	15077964	chr5	15076890	15078610	MSTD-int	LTR	ERVL-MaLR
chr5	15103414	15103415	.	.	.	.	.	.
chr5	15132202	15132203	chr5	15126664	15133381	L1PA15	LINE	L1
chr5	15155439	15155440	.	.	.	.	.	.
chr5	15174112	15174113	chr5	15173573	15179065	L1M1	LINE	L1
chr5	15270032	15270033	chr5	15269646	15270121	MLT1F2	LTR	ERVL-MaLR
chr5	15451627	15451628	.	.	.	.	.	.
chr5	15492841	15492842	chr5	15492815	15492915	MLT1J1	LTR	ERVL-MaLR
chr5	15793110	15793111	.	.	.	.	.	.
chr5	16204295	16204296	.	.	.	.	.	.
chr5	16403388	16403389	chr5	16403077	16403501	MSTA	LTR	ERVL-MaLR
chr5	16505878	16505879	.	.	.	.	.	.
chr5	16690660	16690661	.	.	.	.	.	.
chr5	16701317	16701318	.	.	.	.	.	.
chr5	16785301	16785302	.	.	.	.	.	.
chr5	16790426	16790427	.	.	.	.	.	.
chr5	16812486	16812487	.	.	.	.	.	.
chr5	16820402	16820403	.	.	.	.	.	.
chr5	16886042	16886043	.	.	.	.	.	.
chr5	16906496	16906497	chr5	16906424	16906609	MER20	DNA	hAT-Charlie
chr5	16965115	16965116	.	.	.	.	.	.
chr5	16983365	16983366	.	.	.	.	.	.
chr5	17181974	17181975	.	.	.	.	.	.
chr5	17232730	17232731	.	.	.	.	.	.
chr5	17241797	17241798	.	.	.	.	.	.
chr5	17252185	17252186	chr5	17251741	17252204	L2	LINE	L2
chr5	17279324	17279325	.	.	.	.	.	.
chr5	17287954	17287955	.	.	.	.	.	.
chr5	17300597	17300598	.	.	.	.	.	.
chr5	17316872	17316873	.	.	.	.	.	.
chr5	17368254	17368255	.	.	.	.	.	.
chr5	17380423	17380424	chr5	17380281	17380486	MamRep605	Unknown	Unknown
chr5	17413095	17413096	chr5	17412942	17413389	LTR16B1	LTR	ERVL
chr5	17512427	17512428	.	.	.	.	.	.
chr5	17517843	17517844	.	.	.	.	.	.
chr5	17526849	17526850	.	.	.	.	.	.
chr5	17625918	17625919	.	.	.	.	.	.
chr5	17655836	17655837	.	.	.	.	.	.
chr5	17772625	17772626	chr5	17772314	17773009	L1MDa	LINE	L1
chr5	17786272	17786273	.	.	.	.	.	.
chr5	17790280	17790281	.	.	.	.	.	.
chr5	17845232	17845233	chr5	17844338	17845549	L1PA12	LINE	L1
chr5	17886114	17886115	chr5	17885002	17886282	THE1B-int	LTR	ERVL-MaLR
chr5	18198091	18198092	chr5	18197342	18198958	MST-int	LTR	ERVL-MaLR
chr5	18483828	18483829	chr5	18483701	18483873	L1M6	LINE	L1
chr5	18496288	18496289	chr5	18495898	18497045	L1MDa	LINE	L1
chr5	18564283	18564284	chr5	18564086	18564556	LTR56	LTR	ERV1
chr5	18947424	18947425	chr5	18947064	18952908	L1MA4A	LINE	L1
chr5	19045190	19045191	chr5	19044485	19046003	L1PBa	LINE	L1
chr5	19184717	19184718	chr5	19184198	19187174	L1PA15.6	LINE	L1
chr5	19200384	19200385	.	.	.	.	.	.
chr5	19209696	19209697	chr5	19208543	19210083	MER52A	LTR	ERV1

chr5	19323022	19323023	chr5	19322977	19323335	MLT1H	LTR	ERVL-MaLR
chr5	19484824	19484825	chr5	19484665	19484980	LTR16A	LTR	ERVL
chr5	19564933	19564934	chr5	19563748	19565753	L1MA3	LINE	L1
chr5	19597199	19597200	chr5	19597005	19597518	MLT1F2	LTR	ERVL-MaLR
chr5	20277005	20277006	chr5	20275729	20279525	L1MA3	LINE	L1
chr5	20367011	20367012	.	.	.	.	.	.
chr5	20478973	20478974	chr5	20477331	20480522	L1MA3	LINE	L1
chr5	20601761	20601762	chr5	20601646	20603729	L1PBa	LINE	L1
chr5	20634826	20634827	chr5	20633082	20637436	L1MA4A	LINE	L1
chr5	20972906	20972907	.	.	.	.	.	.
chr5	20991210	20991211	chr5	20989722	20994695	L1PA16	LINE	L1
chr5	21022971	21022972	.	.	.	.	.	.
chr5	21143259	21143260	.	.	.	.	.	.
chr5	21481732	21481733	.	.	.	.	.	.
chr5	21482805	21482806	.	.	.	.	.	.
chr5	21491493	21491494	.	.	.	.	.	.
chr5	21495496	21495497	chr5	21495397	21495541	FLAM_C	SINE	Alu
chr5	21496422	21496423	chr5	21496341	21496439	AluSz6	SINE	Alu
chr5	21534143	21534144	.	.	.	.	.	.
chr5	21594982	21594983	.	.	.	.	.	.
chr5	22038960	22038961	chr5	22037800	22042719	L1MA6	LINE	L1
chr5	22103018	22103019	.	.	.	.	.	.
chr5	22290004	22290005	chr5	22289630	22290196	L1MA8	LINE	L1
chr5	22305806	22305807	chr5	22305462	22305820	LTR16A	LTR	ERVL
chr5	22373636	22373637	chr5	22372261	22374096	L1MA4A	LINE	L1
chr5	22462561	22462562	.	.	.	.	.	.
chr5	22605801	22605802	.	.	.	.	.	.
chr5	22626171	22626172	chr5	22625460	22631712	L1PA15	LINE	L1
chr5	22702513	22702514	.	.	.	.	.	.
chr5	22971300	22971301	chr5	22968920	22971756	L1PA15	LINE	L1
chr5	23105832	23105833	chr5	23104544	23108226	L1MA4A	LINE	L1
chr5	23146405	23146406	chr5	23143207	23146977	L1PA8A	LINE	L1
chr5	23179332	23179333	chr5	23175895	23179814	L1PA10	LINE	L1
chr5	23422917	23422918	chr5	23422766	23423799	HERVL18-int	LTR	ERVL
chr5	23456516	23456517	.	.	.	.	.	.
chr5	23492910	23492911	chr5	23492265	23493136	L1PA15	LINE	L1
chr5	23632033	23632034	chr5	23631858	23632199	MLT1G	LTR	ERVL-MaLR
chr5	23675766	23675767	chr5	23674387	23675941	MER52A	LTR	ERV1
chr5	23832203	23832204	chr5	23830445	23837298	L1PA13	LINE	L1
chr5	23977976	23977977	chr5	23977820	23978424	HERVI-int	LTR	ERV1
chr5	23997734	23997735	chr5	23997417	23997914	MER50	LTR	ERV1
chr5	24013599	24013600	chr5	24013159	24014172	L1M2	LINE	L1
chr5	24051381	24051382	chr5	24049953	24052568	L1MA3	LINE	L1
chr5	24283921	24283922	chr5	24283847	24284003	L1MDa	LINE	L1
chr5	24397622	24397623	chr5	24396478	24397825	Harlequin-int	LTR	ERV1
chr5	24421549	24421550	chr5	24419898	24422096	L1MA6	LINE	L1
chr5	24594664	24594665	chr5	24594364	24594860	L2a	LINE	L2
chr5	24703281	24703282	.	.	.	.	.	.
chr5	24763833	24763834	chr5	24761639	24764251	L1M2a1	LINE	L1
chr5	24832264	24832265	.	.	.	.	.	.
chr5	24880368	24880369	chr5	24879980	24880434	MLT1F	LTR	ERVL-MaLR
chr5	24991491	24991492	chr5	24991343	24991636	AluJb	SINE	Alu
chr5	25224821	25224822	chr5	25224148	25224848	ERV3.6A3_I-i	LTR	ERVL
chr5	25357970	25357971	chr5	25357564	25358954	L1MA2	LINE	L1
chr5	25363611	25363612	chr5	25362857	25367146	L1PB1	LINE	L1
chr5	25595122	25595123	.	.	.	.	.	.
chr5	25739606	25739607	chr5	25738551	25740169	L1MA7	LINE	L1
chr5	25797781	25797782	chr5	25796172	25798420	LTR57-int	LTR	ERVL
chr5	25807869	25807870	chr5	25804223	25808031	L1PA15	LINE	L1
chr5	25888401	25888402	chr5	25887653	25889275	MSTA-int	LTR	ERVL-MaLR
chr5	25951054	25951055	chr5	25950895	25951349	LOR1b	LTR	ERV1
chr5	26042174	26042175	chr5	26041996	26042299	L1PA17	LINE	L1
chr5	26250929	26250930	chr5	26249994	26251690	MLT1A1-int	LTR	ERVL-MaLR
chr5	26326434	26326435	chr5	26325708	26326761	MER52A	LTR	ERV1
chr5	26368305	26368306	chr5	26365787	26368582	L1MA4A	LINE	L1
chr5	26416105	26416106	chr5	26416011	26417575	MER52A	LTR	ERV1
chr5	26482965	26482966	chr5	26482819	26483267	LTR35A	LTR	ERV1
chr5	26569834	26569835	chr5	26568387	26570349	MER52A	LTR	ERV1
chr5	26669810	26669811	.	.	.	.	.	.
chr5	26726487	26726488	chr5	26726283	26726878	MLT1H1	LTR	ERVL-MaLR
chr5	26807795	26807796	chr5	26807445	26807920	MER52A	LTR	ERV1
chr5	26920176	26920177	chr5	26919111	26921200	L1M1	LINE	L1
chr5	26966295	26966296	chr5	26966219	26966512	LTR16A	LTR	ERVL
chr5	27031888	27031889	.	.	.	.	.	.
chr5	27159911	27159912	chr5	27159277	27160073	L1M1	LINE	L1
chr5	27448068	27448069	chr5	27447023	27449022	L1M2	LINE	L1
chr5	27551833	27551834	chr5	27549230	27552619	L1PA13	LINE	L1
chr5	27639429	27639430	chr5	27639089	27639865	L1M1	LINE	L1
chr5	27796782	27796783	.	.	.	.	.	.
chr5	27908659	27908660	.	.	.	.	.	.
chr5	27963506	27963507	chr5	27958552	27963799	L1PREC2	LINE	L1
chr5	28012814	28012815	chr5	28012792	28013623	HUERS-P3b-i	LTR	ERV1
chr5	28067133	28067134	chr5	28066077	28069002	L1PA13	LINE	L1
chr5	28115230	28115231	chr5	28114800	28116390	THE1A-int	LTR	ERVL-MaLR
chr5	28213675	28213676	.	.	.	.	.	.
chr5	28333847	28333848	chr5	28328281	28334215	L1PA16	LINE	L1
chr5	28374719	28374720	chr5	28374514	28375684	MSTD-int	LTR	ERVL-MaLR
chr5	28405233	28405234	chr5	28405130	28405421	MER52D	LTR	ERV1
chr5	28561543	28561544	chr5	28561122	28562351	L1MA4A	LINE	L1
chr5	28612773	28612774	chr5	28612569	28613232	L1PA17	LINE	L1
chr5	28808601	28808602	.	.	.	.	.	.
chr5	28835517	28835518	chr5	28834823	28836498	MSTD-int	LTR	ERVL-MaLR
chr5	29005993	29005994	chr5	29005601	29006105	ERV3.6A3_I-i	LTR	ERVL
chr5	29151181	29151182	.	.	.	.	.	.
chr5	29403280	29403281	chr5	29402692	29405705	L1M1	LINE	L1
chr5	29480664	29480665	chr5	29479974	29484110	L1PA15.6	LINE	L1
chr5	29498954	29498955	chr5	29496824	29499788	L1PA12	LINE	L1
chr5	29542169	29542170	chr5	29536274	29542406	L1PA6	LINE	L1
chr5	29544279	29544280	chr5	29542578	29544734	L1PA17	LINE	L1
chr5	29548609	29548610	chr5	29547983	29549600	THE1D-int	LTR	ERVL-MaLR
chr5	29729111	29729112	.	.	.	.	.	.
chr5	29738255	29738256	chr5	29737180	29741747	L1PA15	LINE	L1
chr5	29850203	29850204	chr5	29849864	29850576	LTR1	LTR	ERV1
chr5	29899735	29899736	chr5	29899521	29900086	MLT2B3	LTR	ERVL
chr5	29913771	29913772	chr5	29913356	29914527	L1PA13	LINE	L1
chr5	29959624	29959625	chr5	29959329	29962132	L1M1	LINE	L1
chr5	30041886	30041887	chr5	30041771	30043258	MER52A	LTR	ERV1

chr5	30070338	30070339	chr5	30069262	30070533	L1PA13	LINE	L1
chr5	30106578	30106579	chr5	30106113	30106965	LTR1D	LTR	ERV1
chr5	30125995	30125996	.	.	.	.	.	.
chr5	30161288	30161289	chr5	30161048	30161639	MER51A	LTR	ERV1
chr5	30173050	30173051	chr5	30172847	30173303	MLT1C	LTR	ERVL-MaLR
chr5	30226814	30226815	.	.	.	.	.	.
chr5	30289144	30289145	chr5	30288728	30289184	L1M2	LINE	L1
chr5	30393210	30393211	chr5	30392901	30393428	MLT1G	LTR	ERVL-MaLR
chr5	30457217	30457218	.	.	.	.	.	.
chr5	30539807	30539808	chr5	30538998	30541305	L1MA3	LINE	L1
chr5	30687861	30687862	.	.	.	.	.	.
chr5	30701243	30701244	chr5	30700354	30701948	THE1C-int	LTR	ERVL-MaLR
chr5	30857316	30857317	.	.	.	.	.	.
chr5	30942175	30942176	.	.	.	.	.	.
chr5	30992648	30992649	chr5	30992476	30992870	MLT1C	LTR	ERVL-MaLR
chr5	31087142	31087143	.	.	.	.	.	.
chr5	31273659	31273660	.	.	.	.	.	.
chr5	31294378	31294379	.	.	.	.	.	.
chr5	31317979	31317980	.	.	.	.	.	.
chr5	31496045	31496046	.	.	.	.	.	.
chr5	31503736	31503737	.	.	.	.	.	.
chr5	31513365	31513366	.	.	.	.	.	.
chr5	31559281	31559282	chr5	31559249	31559334	MIRb	SINE	MIR
chr5	31630913	31630914	chr5	31630743	31630985	L2b	LINE	L2
chr5	31672369	31672370	chr5	31672293	31672452	MER5A1	DNA	hAT-Charlie
chr5	31782105	31782106	.	.	.	.	.	.
chr5	31855631	31855632	.	.	.	.	.	.
chr5	31860764	31860765	.	.	.	.	.	.
chr5	31981773	31981774	.	.	.	.	.	.
chr5	31988179	31988180	.	.	.	.	.	.
chr5	32003113	32003114	chr5	32002673	32003186	(CA)n	Simple_repea	Simple_repeat
chr5	32037118	32037119	.	.	.	.	.	.
chr5	32089523	32089524	.	.	.	.	.	.
chr5	32101142	32101143	.	.	.	.	.	.
chr5	32168763	32168764	.	.	.	.	.	.
chr5	32204053	32204054	chr5	32203840	32204608	MER54A	LTR	ERVL
chr5	32330001	32330002	.	.	.	.	.	.
chr5	32512318	32512319	.	.	.	.	.	.
chr5	32553216	32553217	chr5	32552435	32553429	LTR12D	LTR	ERV1
chr5	32640627	32640628	.	.	.	.	.	.
chr5	32704201	32704202	chr5	32703137	32704476	L1MA3	LINE	L1
chr5	32768138	32768139	.	.	.	.	.	.
chr5	32793817	32793818	.	.	.	.	.	.
chr5	32890029	32890030	chr5	32889799	32890309	MLT1F	LTR	ERVL-MaLR
chr5	33015109	33015110	chr5	33013764	33015674	L1M3c	LINE	L1
chr5	33042159	33042160	.	.	.	.	.	.
chr5	33050347	33050348	chr5	33049132	33051388	L1M2a	LINE	L1
chr5	33092902	33092903	chr5	33091741	33093779	L1PA16	LINE	L1
chr5	33166519	33166520	chr5	33164561	33167892	L1PBa	LINE	L1
chr5	33313466	33313467	chr5	33313143	33313575	MER57D	LTR	ERV1
chr5	33370497	33370498	.	.	.	.	.	.
chr5	33428636	33428637	chr5	33426424	33428958	L1PA15	LINE	L1
chr5	33458045	33458046	.	.	.	.	.	.
chr5	33470780	33470781	.	.	.	.	.	.
chr5	33671932	33671933	chr5	33671921	33672284	(CA)n	Simple_repea	Simple_repeat
chr5	34035367	34035368	.	.	.	.	.	.
chr5	34497341	34497342	.	.	.	.	.	.
chr5	34504197	34504198	.	.	.	.	.	.
chr5	34532357	34532358	chr5	34532239	34532469	MER115	DNA	hAT-Tip100
chr5	34666416	34666417	.	.	.	.	.	.
chr5	35303488	35303489	.	.	.	.	.	.
chr5	35325041	35325042	chr5	35323875	35330589	L1PA13	LINE	L1
chr5	35625878	35625879	.	.	.	.	.	.
chr5	35651324	35651325	chr5	35650934	35651397	MLT1J	LTR	ERVL-MaLR
chr5	35708770	35708771	chr5	35708658	35708838	HAL1-2a_MD	LINE	L1
chr5	35753993	35753994	.	.	.	.	.	.
chr5	35810866	35810867	.	.	.	.	.	.
chr5	35822882	35822883	.	.	.	.	.	.
chr5	35901195	35901196	.	.	.	.	.	.
chr5	35919902	35919903	.	.	.	.	.	.
chr5	35946268	35946269	.	.	.	.	.	.
chr5	36444656	36444657	chr5	36444522	36444927	LTR16C	LTR	ERVL
chr5	36488319	36488320	chr5	36488197	36488397	MLT1J	LTR	ERVL-MaLR
chr5	36502856	36502857	chr5	36502770	36502903	AmnSINE1	SINE	Deu
chr5	36522170	36522171	.	.	.	.	.	.
chr5	36584131	36584132	.	.	.	.	.	.
chr5	36935172	36935173	chr5	36935075	36935399	L2b	LINE	L2
chr5	37233443	37233444	chr5	37233066	37234935	L1M2	LINE	L1
chr5	37630287	37630288	chr5	37628324	37631370	L1MA5A	LINE	L1
chr5	37666126	37666127	.	.	.	.	.	.
chr5	37685743	37685744	chr5	37680094	37686154	L1PA11	LINE	L1
chr5	37755927	37755928	.	.	.	.	.	.
chr5	37889564	37889565	.	.	.	.	.	.
chr5	38273585	38273586	chr5	38273047	38273644	L1MA8	LINE	L1
chr5	38322411	38322412	chr5	38321909	38322591	MER115	DNA	hAT-Tip100
chr5	38409597	38409598	.	.	.	.	.	.
chr5	38426995	38426996	chr5	38426647	38427077	MLT1J2	LTR	ERVL-MaLR
chr5	38493111	38493112	.	.	.	.	.	.
chr5	38521908	38521909	chr5	38521577	38522252	L1MA4A	LINE	L1
chr5	38665802	38665803	.	.	.	.	.	.
chr5	38865995	38865996	chr5	38863650	38867218	L1MA4A	LINE	L1
chr5	38908545	38908546	chr5	38907241	38910830	L1PA16	LINE	L1
chr5	38933699	38933700	.	.	.	.	.	.
chr5	39092608	39092609	chr5	39092463	39092675	MLT2E	LTR	ERVL
chr5	39226309	39226310	.	.	.	.	.	.
chr5	39259466	39259467	.	.	.	.	.	.
chr5	39370891	39370892	.	.	.	.	.	.
chr5	39376713	39376714	.	.	.	.	.	.
chr5	39397084	39397085	chr5	39397005	39397621	LTR50	LTR	ERVL
chr5	39448893	39448894	chr5	39448590	39449147	MLT2B3	LTR	ERVL
chr5	39565513	39565514	.	.	.	.	.	.
chr5	39586857	39586858	chr5	39586232	39587058	LTR1	LTR	ERV1
chr5	39654809	39654810	chr5	39654692	39654878	HUERS-P3b-i	LTR	ERV1
chr5	39656441	39656442	.	.	.	.	.	.
chr5	39868331	39868332	chr5	39867721	39868332	L2a	LINE	L2
chr5	40165548	40165549	chr5	40164850	40167715	L1PA16	LINE	L1
chr5	40509808	40509809	.	.	.	.	.	.

chr5	41095117	41095118	chr5	41095013	41095410	MLT1J	LTR	ERVL-MaLR
chr5	41124660	41124661	.	.	.	.	.	.
chr5	41141080	41141081	.	.	.	.	.	.
chr5	41149005	41149006	chr5	41148948	41149108	FordPrefect_	DNA	hAT-Tip100
chr5	41241202	41241203	chr5	41240282	41241389	L1M2	LINE	L1
chr5	41291271	41291272	chr5	41290066	41291451	MER52A	LTR	ERV1
chr5	41336878	41336879	chr5	41336637	41337055	LTR16A	LTR	ERVL
chr5	41541637	41541638	chr5	41540421	41542620	L1PA15.6	LINE	L1
chr5	41650536	41650537	.	.	.	.	.	.
chr5	41696906	41696907	chr5	41694059	41697490	L1PB4	LINE	L1
chr5	41856584	41856585	.	.	.	.	.	.
chr5	42454760	42454761	chr5	42454523	42455523	L1PBa	LINE	L1
chr5	42583021	42583022	chr5	42581818	42583247	MER52D	LTR	ERV1
chr5	42972357	42972358	chr5	42972201	42972536	MER1B	DNA	hAT-Charlie
chr5	42986118	42986119	chr5	42985951	42986366	MSTA	LTR	ERVL-MaLR
chr5	42993383	42993384	.	.	.	.	.	.
chr5	43007739	43007740	chr5	43007714	43008125	MER61D	LTR	ERV1
chr5	43075510	43075511	chr5	43075366	43075775	MER48	LTR	ERV1
chr5	43096326	43096327	.	.	.	.	.	.
chr5	43105747	43105748	.	.	.	.	.	.
chr5	43174933	43174934	.	.	.	.	.	.
chr5	43233127	43233128	.	.	.	.	.	.
chr5	43631483	43631484	.	.	.	.	.	.
chr5	43769841	43769842	.	.	.	.	.	.
chr5	44219157	44219158	chr5	44219105	44219328	LTR33B	LTR	ERVL
chr5	44553457	44553458	chr5	44553292	44554721	L1M1	LINE	L1
chr5	44638627	44638628	chr5	44638600	44638884	LTR53	LTR	ERVL
chr5	45262325	45262326	.	.	.	.	.	.
chr5	45827585	45827586	.	.	.	.	.	.
chr5	49405908	49405909	chr5	49405641	49431170	ALR/Alpha	Satellite	centr
chr5	49440087	49440088	chr5	49438846	49441620	ALR/Alpha	Satellite	centr
chr5	49450626	49450627	chr5	49447717	49451978	ALR/Alpha	Satellite	centr
chr5	58187593	58187594	.	.	.	.	.	.
chr5	61390031	61390032	.	.	.	.	.	.
chr5	65703207	65703208	.	.	.	.	.	.
chr5	66564484	66564485	.	.	.	.	.	.
chr5	71146773	71146774	chr5	71146744	71146942	LSU-rRNA_Hs	rRNA	rRNA
chr5	71183674	71183675	chr5	71183425	71183840	MLT1J	LTR	ERVL-MaLR
chr5	71604364	71604365	.	.	.	.	.	.
chr5	72484949	72484950	chr5	72484576	72485051	MLT1J	LTR	ERVL-MaLR
chr5	73969409	73969410	chr5	73969337	73969520	LTR67B	LTR	ERVL
chr5	73969409	73969410	chr5	73969402	73969624	MLT1N2	LTR	ERVL-MaLR
chr5	76164089	76164090	.	.	.	.	.	.
chr5	88552105	88552106	chr5	88551834	88552211	MLT1J2	LTR	ERVL-MaLR
chr5	92641826	92641827	chr5	92641698	92642200	LTR33B	LTR	ERVL
chr5	92868285	92868286	.	.	.	.	.	.
chr5	102434899	102434900	chr5	102434840	102435024	MLT1J	LTR	ERVL-MaLR
chr5	111564491	111564492	.	.	.	.	.	.
chr5	114755754	114755755	chr5	114755382	114755856	MLT1J	LTR	ERVL-MaLR
chr5	125367840	125367841	chr5	125367804	125368013	LTR16D2	LTR	ERVL
chr5	131526050	131526051	chr5	131525954	131526120	LTR50	LTR	ERVL
chr5	131590260	131590261	.	.	.	.	.	.
chr5	134260269	134260270	.	.	.	.	.	.
chr5	137968873	137968874	chr5	137968816	137968921	MLT1J	LTR	ERVL-MaLR
chr5	138897632	138897633	.	.	.	.	.	.
chr5	141126817	141126818	.	.	.	.	.	.
chr5	142488400	142488401	.	.	.	.	.	.
chr5	147278896	147278897	.	.	.	.	.	.
chr5	148779504	148779505	chr5	148779425	148779606	LTR67B	LTR	ERVL
chr5	149643040	149643041	chr5	149642894	149643245	(CA)n	Simple_repea	Simple_repeat
chr5	153211706	153211707	chr5	153211660	153211836	MLT1J1	LTR	ERVL-MaLR
chr5	154136733	154136734	.	.	.	.	.	.
chr5	157476629	157476630	chr5	157476620	157476998	MLT1J2	LTR	ERVL-MaLR
chr5	157640122	157640123	chr5	157640015	157640462	MLT1J2	LTR	ERVL-MaLR
chr5	159592329	159592330	.	.	.	.	.	.
chr5	168447305	168447306	chr5	168447215	168447642	MLT1J1	LTR	ERVL-MaLR
chr5	168587795	168587796	.	.	.	.	.	.
chr5	171730835	171730836	chr5	171730713	171730842	MLT1A0	LTR	ERVL-MaLR
chr5	171864497	171864498	chr5	171864431	171864568	MIRb	SINE	MIR
chr5	171930146	171930147	chr5	171930129	171930424	MLT1J2	LTR	ERVL-MaLR
chr5	172332189	172332190	.	.	.	.	.	.
chr5	172347175	172347176	.	.	.	.	.	.
chr5	172710938	172710939	.	.	.	.	.	.
chr5	173751098	173751099	.	.	.	.	.	.
chr5	173959650	173959651	chr5	173959516	173959655	MIR	SINE	MIR
chr5	175174013	175174014	chr5	175173888	175174400	MLT1J	LTR	ERVL-MaLR
chr5	178012696	178012697	.	.	.	.	.	.
chr5	179189141	179189142	.	.	.	.	.	.
chr6	6891003	6891004	chr6	6890626	6891066	LTR33A	LTR	ERVL
chr6	10147396	10147397	chr6	10147359	10147434	L1M6	LINE	L1
chr6	10404887	10404888	.	.	.	.	.	.
chr6	14800293	14800294	chr6	14800206	14800434	MLT1J	LTR	ERVL-MaLR
chr6	20000045	20000046	chr6	20000011	20000385	MLT1J1	LTR	ERVL-MaLR
chr6	21588594	21588595	.	.	.	.	.	.
chr6	33553779	33553780	.	.	.	.	.	.
chr6	33783849	33783850	chr6	33783434	33783922	LTR33A	LTR	ERVL
chr6	34039729	34039730	chr6	34039536	34039802	(CA)n	Simple_repea	Simple_repeat
chr6	36270392	36270393	.	.	.	.	.	.
chr6	43215052	43215053	.	.	.	.	.	.
chr6	44020369	44020370	chr6	44020274	44020498	LTR67B	LTR	ERVL
chr6	44101557	44101558	.	.	.	.	.	.
chr6	47285286	47285287	chr6	47285229	47285358	MLT1J	LTR	ERVL-MaLR
chr6	52379503	52379504	.	.	.	.	.	.
chr6	58779083	58779084	chr6	58775920	58780161	ALR/Alpha	Satellite	centr
chr6	64308713	64308714	chr6	64308320	64308880	LTR33C	LTR	ERVL
chr6	74847954	74847955	chr6	74847521	74847987	LTR33B	LTR	ERVL
chr6	80889602	80889603	chr6	80889537	80889628	MLT1J	LTR	ERVL-MaLR
chr6	89745208	89745209	.	.	.	.	.	.
chr6	106040488	106040489	.	.	.	.	.	.
chr6	108038002	108038003	chr6	108037924	108038074	MLT1J	LTR	ERVL-MaLR
chr6	109010653	109010654	.	.	.	.	.	.
chr6	119558597	119558598	.	.	.	.	.	.
chr6	134159104	134159105	.	.	.	.	.	.
chr6	150401000	150401001	chr6	150400886	150401139	LTR67B	LTR	ERVL
chr6	159495543	159495544	chr6	159495216	159495679	MLT1J	LTR	ERVL-MaLR
chr6	163591539	163591540	.	.	.	.	.	.
chr6	167000407	167000408	chr6	167000379	167000474	MLT1J2	LTR	ERVL-MaLR

chr6	169852663	169852664	.	.	.	.	.	.
chr6	170461528	170461529	chr6	170461501	170461687	(TGGG)n	Simple_repea	Simple_repeat
chr7	907526	907527	.	.	.	.	.	.
chr7	1465380	1465381	chr7	1465342	1465445	MLT1J	LTR	ERVL-MaLR
chr7	1606620	1606621	.	.	.	.	.	.
chr7	2903435	2903436	chr7	2903403	2903751	LTR78B	LTR	ERV1
chr7	2913574	2913575	.	.	.	.	.	.
chr7	4681649	4681650	.	.	.	.	.	.
chr7	5437205	5437206	.	.	.	.	.	.
chr7	5601792	5601793	chr7	5601726	5601793	LTR33A_	LTR	ERVL
chr7	6586598	6586599	chr7	6586546	6586687	MLT1J1	LTR	ERVL-MaLR
chr7	23251313	23251314	chr7	23251289	23251464	LTR33B	LTR	ERVL
chr7	24458891	24458892	chr7	24458599	24458991	MLT1J	LTR	ERVL-MaLR
chr7	25933987	25933988	chr7	25933933	25934335	MLT1J2	LTR	ERVL-MaLR
chr7	28042443	28042444	chr7	28042324	28042744	MLT1J	LTR	ERVL-MaLR
chr7	29294430	29294431	chr7	29294361	29294556	LTR67B	LTR	ERVL
chr7	30509242	30509243	.	.	.	.	.	.
chr7	34879476	34879477	chr7	34879199	34879615	MLT1J1	LTR	ERVL-MaLR
chr7	36805452	36805453	chr7	36805098	36805514	MLT1J2	LTR	ERVL-MaLR
chr7	36911688	36911689	chr7	36911647	36911768	MLT1I	LTR	ERVL-MaLR
chr7	38407928	38407929	.	.	.	.	.	.
chr7	39986516	39986517	chr7	39986400	39986603	MLT1J	LTR	ERVL-MaLR
chr7	42313081	42313082	.	.	.	.	.	.
chr7	43012417	43012418	chr7	43012074	43012497	MLT1J2	LTR	ERVL-MaLR
chr7	56441240	56441241	.	.	.	.	.	.
chr7	57957920	57957921	chr7	57948162	57981351	ALR/Alpha	Satellite	centr
chr7	58008642	58008643	chr7	58006115	58022007	ALR/Alpha	Satellite	centr
chr7	61794602	61794603	chr7	61793606	61796592	HSATII	Satellite	Satellite
chr7	61969360	61969361	chr7	61967159	61985590	ALR/Alpha	Satellite	centr
chr7	61982978	61982979	chr7	61967159	61985590	ALR/Alpha	Satellite	centr
chr7	61986233	61986234	chr7	61985602	62000000	ALR/Alpha	Satellite	centr
chr7	62403963	62403964	chr7	62402771	62404539	ALR/Alpha	Satellite	centr
chr7	63767768	63767769	.	.	.	.	.	.
chr7	72395591	72395592	.	.	.	.	.	.
chr7	72978895	72978896	chr7	72978771	72978963	MLT1J2	LTR	ERVL-MaLR
chr7	75072044	75072045	.	.	.	.	.	.
chr7	75821399	75821400	chr7	75821120	75821402	MLT1J2	LTR	ERVL-MaLR
chr7	75924276	75924277	.	.	.	.	.	.
chr7	93997830	93997831	.	.	.	.	.	.
chr7	95932902	95932903	chr7	95932831	95933039	LTR67B	LTR	ERVL
chr7	100550833	100550834	.	.	.	.	.	.
chr7	100765420	100765421	.	.	.	.	.	.
chr7	101398199	101398200	.	.	.	.	.	.
chr7	101961415	101961416	chr7	101961359	101961640	(TG)n	Simple_repea	Simple_repeat
chr7	106239395	106239396	chr7	106239380	106239487	MLT1J	LTR	ERVL-MaLR
chr7	129598647	129598648	.	.	.	.	.	.
chr7	130757545	130757546	chr7	130757430	130757738	LTR33C	LTR	ERVL
chr7	131223224	131223225	.	.	.	.	.	.
chr7	131272355	131272356	chr7	131272336	131272422	(TG)n	Simple_repea	Simple_repeat
chr7	131338278	131338279	chr7	131338277	131338474	MIRb	SINE	MIR
chr7	141264337	141264338	chr7	141264041	141264412	THE1C	LTR	ERVL-MaLR
chr7	142115841	142115842	.	.	.	.	.	.
chr7	142153356	142153357	.	.	.	.	.	.
chr7	142246307	142246308	.	.	.	.	.	.
chr7	142273975	142273976	.	.	.	.	.	.
chr7	148638346	148638347	.	.	.	.	.	.
chr7	148660079	148660080	.	.	.	.	.	.
chr7	148680672	148680673	.	.	.	.	.	.
chr7	148684607	148684608	.	.	.	.	.	.
chr7	148763078	148763079	.	.	.	.	.	.
chr7	149007536	149007537	.	.	.	.	.	.
chr7	158387957	158387958	chr7	158387802	158388001	HAL1-2a_MD	LINE	L1
chr7	158806090	158806091	chr7	158806032	158806338	(TTGGGG)n	Simple_repea	Simple_repeat
chr8	224349	224350	.	.	.	.	.	.
chr8	17532620	17532621	.	.	.	.	.	.
chr8	17756095	17756096	chr8	17755971	17756471	MLT2F	LTR	ERVL
chr8	21867740	21867741	.	.	.	.	.	.
chr8	23202952	23202953	.	.	.	.	.	.
chr8	28479905	28479906	.	.	.	.	.	.
chr8	28588337	28588338	.	.	.	.	.	.
chr8	29371086	29371087	.	.	.	.	.	.
chr8	32785384	32785385	chr8	32785297	32785732	LTR33	LTR	ERVL
chr8	43793207	43793208	chr8	43792440	43801245	ALR/Alpha	Satellite	centr
chr8	43822089	43822090	chr8	43816163	43838878	ALR/Alpha	Satellite	centr
chr8	43824411	43824412	chr8	43816163	43838878	ALR/Alpha	Satellite	centr
chr8	43831582	43831583	chr8	43816163	43838878	ALR/Alpha	Satellite	centr
chr8	43837035	43837036	chr8	43816163	43838878	ALR/Alpha	Satellite	centr
chr8	43838701	43838702	chr8	43816163	43838878	ALR/Alpha	Satellite	centr
chr8	46839646	46839647	chr8	46838890	46863921	ALR/Alpha	Satellite	centr
chr8	46841686	46841687	chr8	46838890	46863921	ALR/Alpha	Satellite	centr
chr8	46852486	46852487	chr8	46838890	46863921	ALR/Alpha	Satellite	centr
chr8	46868823	46868824	chr8	46864250	46877553	ALR/Alpha	Satellite	centr
chr8	49843222	49843223	.	.	.	.	.	.
chr8	58118460	58118461	.	.	.	.	.	.
chr8	62669199	62669200	.	.	.	.	.	.
chr8	64213378	64213379	chr8	64212860	64213609	LTR41	LTR	ERVL
chr8	70602469	70602470	chr8	70602248	70602620	LSU-rRNA_H	rRNA	rRNA
chr8	70633298	70633299	chr8	70633246	70633589	MLT1J	LTR	ERVL-MaLR
chr8	73228912	73228913	chr8	73228798	73228951	LTR50	LTR	ERVL
chr8	98433982	98433983	chr8	98433703	98434011	MLT1J	LTR	ERVL-MaLR
chr8	98446449	98446450	.	.	.	.	.	.
chr8	99376987	99376988	chr8	99376951	99377332	LTR33	LTR	ERVL
chr8	101828610	101828611	chr8	101828557	101828674	MLT1J	LTR	ERVL-MaLR
chr8	102166123	102166124	chr8	102166009	102166348	MLT1J	LTR	ERVL-MaLR
chr8	102889646	102889647	.	.	.	.	.	.
chr8	103763465	103763466	chr8	103763356	103763524	MLT1J	LTR	ERVL-MaLR
chr8	103801236	103801237	.	.	.	.	.	.
chr8	103918682	103918683	chr8	103918404	103918809	MLT1J	LTR	ERVL-MaLR
chr8	109786505	109786506	chr8	109786407	109786672	MLT1J1	LTR	ERVL-MaLR
chr8	112248691	112248692	.	.	.	.	.	.
chr8	119021533	119021534	.	.	.	.	.	.
chr8	124460199	124460200	chr8	124460144	124460506	MLT1J1	LTR	ERVL-MaLR
chr8	126712612	126712613	chr8	126712274	126712762	MLT1J	LTR	ERVL-MaLR
chr8	128832733	128832734	.	.	.	.	.	.
chr8	128889097	128889098	.	.	.	.	.	.
chr8	131054538	131054539	.	.	.	.	.	.
chr8	131433698	131433699	chr8	131433625	131434062	MLT1J2	LTR	ERVL-MaLR

chr8	133132747	133132748	chr8	133132706	133133039	MLT1J2	LTR	ERVL-MaLR
chr8	134403360	134403361	chr8	134403166	134403666	MLT1J	LTR	ERVL-MaLR
chr8	135346413	135346414	chr8	135346371	135346727	MLT1J1	LTR	ERVL-MaLR
chr8	140688105	140688106	chr8	140688056	140688474	MLT1J2	LTR	ERVL-MaLR
chr8	145180781	145180782	.	.	.	.	.	.
chr8	145634763	145634764	.	.	.	.	.	.
chr8	145911385	145911386	.	.	.	.	.	.
chr8	146071405	146071406	.	.	.	.	.	.
chr9	326889	326890	chr9	326603	326925	MLT1J1	LTR	ERVL-MaLR
chr9	1722641	1722642	chr9	1722352	1722694	MLT1J2	LTR	ERVL-MaLR
chr9	4081361	4081362	.	.	.	.	.	.
chr9	4713988	4713989	chr9	4713888	4714195	(CA)n	Simple_repe	Simple_repeat
chr9	7243687	7243688	chr9	7243662	7243700	LTR67B	LTR	ERVL
chr9	7243687	7243688	chr9	7243662	7243693	MLT1J	LTR	ERVL-MaLR
chr9	7320277	7320278	.	.	.	.	.	.
chr9	14029875	14029876	.	.	.	.	.	.
chr9	16705418	16705419	.	.	.	.	.	.
chr9	17614973	17614974	chr9	17614923	17615019	LTR86B2	LTR	ERVL
chr9	18373822	18373823	.	.	.	.	.	.
chr9	18531298	18531299	chr9	18530958	18531603	MamRep605	Unknown	Unknown
chr9	20684816	20684817	.	.	.	.	.	.
chr9	21527928	21527929	chr9	21527665	21528917	L1PA13	LINE	L1
chr9	21536368	21536369	.	.	.	.	.	.
chr9	22012337	22012338	.	.	.	.	.	.
chr9	22215567	22215568	.	.	.	.	.	.
chr9	33101387	33101388	.	.	.	.	.	.
chr9	34049471	34049472	.	.	.	.	.	.
chr9	34074396	34074397	.	.	.	.	.	.
chr9	35110687	35110688	.	.	.	.	.	.
chr9	35646864	35646865	.	.	.	.	.	.
chr9	36764077	36764078	chr9	36764012	36764182	(TG)n	Simple_repe	Simple_repeat
chr9	37920567	37920568	chr9	37920471	37920623	MLT1J1	LTR	ERVL-MaLR
chr9	44877991	44877992	chr9	44877633	44878926	SST1	Satellite	centr
chr9	44993217	44993218	chr9	44993212	44994530	SST1	Satellite	centr
chr9	66457434	66457435	.	.	.	.	.	.
chr9	66833168	66833169	chr9	66832948	66836542	ALR/Alpha	Satellite	centr
chr9	66858208	66858209	chr9	66858041	66863340	CER	Satellite	Satellite
chr9	68412518	68412519	.	.	.	.	.	.
chr9	68419488	68419489	chr9	68419062	68419642	(CA)n	Simple_repe	Simple_repeat
chr9	68424061	68424062	.	.	.	.	.	.
chr9	68425704	68425705	.	.	.	.	.	.
chr9	69982837	69982838	chr9	69948085	70000000	ALR/Alpha	Satellite	centr
chr9	72653280	72653281	chr9	72653081	72653393	(GAATG)n	Satellite	Satellite
chr9	73216271	73216272	.	.	.	.	.	.
chr9	77805938	77805939	chr9	77805767	77805967	LTR33B	LTR	ERVL
chr9	79186686	79186687	chr9	79186648	79186950	LSU-rRNA_H	rRNA	rRNA
chr9	79631159	79631160	.	.	.	.	.	.
chr9	90060733	90060734	chr9	90060621	90061102	MLT1J	LTR	ERVL-MaLR
chr9	95834045	95834046	chr9	95833974	95834101	MLT1J	LTR	ERVL-MaLR
chr9	99638243	99638244	.	.	.	.	.	.
chr9	100904682	100904683	.	.	.	.	.	.
chr9	102057318	102057319	chr9	102057209	102057495	MLT1J	LTR	ERVL-MaLR
chr9	103174075	103174076	.	.	.	.	.	.
chr9	107730622	107730623	.	.	.	.	.	.
chr9	111003835	111003836	chr9	111003690	111003922	MLT1J1	LTR	ERVL-MaLR
chr9	112505552	112505553	chr9	112505077	112505736	L1M6	LINE	L1
chr9	117731696	117731697	chr9	117731678	117732155	MLT1J	LTR	ERVL-MaLR
chr9	121094006	121094007	.	.	.	.	.	.
chr9	122914773	122914774	.	.	.	.	.	.
chr9	123295015	123295016	.	.	.	.	.	.
chr9	123322712	123322713	.	.	.	.	.	.
chr9	123484053	123484054	.	.	.	.	.	.
chr9	123837050	123837051	.	.	.	.	.	.
chr9	124089162	124089163	.	.	.	.	.	.
chr9	124308515	124308516	.	.	.	.	.	.
chr9	127533687	127533688	.	.	.	.	.	.
chr9	127581051	127581052	.	.	.	.	.	.
chr9	129066051	129066052	chr9	129065749	129066084	MLT1J1	LTR	ERVL-MaLR
chr9	129551156	129551157	chr9	129551052	129551188	LTR33C	LTR	ERVL
chr9	129933215	129933216	.	.	.	.	.	.
chr9	130007477	130007478	.	.	.	.	.	.
chr9	130597899	130597900	.	.	.	.	.	.
chr9	130652825	130652826	.	.	.	.	.	.
chr9	131397753	131397754	.	.	.	.	.	.
chr9	131938308	131938309	.	.	.	.	.	.
chr9	131965240	131965241	.	.	.	.	.	.
chr9	132031111	132031112	chr9	132031034	132031469	MLT1J2	LTR	ERVL-MaLR
chr9	132079969	132079970	chr9	132079897	132080312	MLT1J2	LTR	ERVL-MaLR
chr9	132096136	132096137	chr9	132095992	132096293	L2b	LINE	L2
chr9	132102361	132102362	chr9	132102304	132102487	(TG)n	Simple_repe	Simple_repeat
chr9	132177092	132177093	.	.	.	.	.	.
chr9	132196739	132196740	chr9	132196382	132196777	MLT1J	LTR	ERVL-MaLR
chr9	132196739	132196740	chr9	132196707	132196836	LTR67B	LTR	ERVL
chr9	132258463	132258464	.	.	.	.	.	.
chr9	132346548	132346549	chr9	132346428	132346851	MLT1J	LTR	ERVL-MaLR
chr9	133003033	133003034	chr9	133002990	133003097	MLT1J	LTR	ERVL-MaLR
chr9	133263024	133263025	chr9	133262630	133263088	MLT1J	LTR	ERVL-MaLR
chr9	133424680	133424681	chr9	133424546	133424832	MLT1J2	LTR	ERVL-MaLR
chr9	133557857	133557858	chr9	133557778	133557881	MIR3	SINE	MIR
chr9	134278391	134278392	.	.	.	.	.	.
chr9	134917935	134917936	.	.	.	.	.	.
chr9	136591770	136591771	.	.	.	.	.	.
chr9	136996432	136996433	.	.	.	.	.	.
chr9	137739180	137739181	chr9	137739119	137739382	(TG)n	Simple_repe	Simple_repeat
chr9	137983315	137983316	chr9	137983255	137983759	(CA)n	Simple_repe	Simple_repeat
chr9	139525761	139525762	chr9	139525724	139525799	(CACG)n	Simple_repe	Simple_repeat
chr9	139668322	139668323	chr9	139668280	139668662	MLT1J	LTR	ERVL-MaLR
chr9	140188852	140188853	chr9	140188785	140189020	MLT1J	LTR	ERVL-MaLR
chr9	140250143	140250144	chr9	140249860	140250183	GA-rich	Low_comple	Low_complexity
chr9	140843744	140843745	.	.	.	.	.	.
chrX	3214009	3214010	.	.	.	.	.	.
chrX	16790153	16790154	.	.	.	.	.	.
chrX	17265438	17265439	chrX	17265431	17265571	MLT1J1	LTR	ERVL-MaLR
chrX	24444602	24444603	chrX	24444503	24444648	LTR67B	LTR	ERVL
chrX	39433621	39433622	chrX	39433547	39433826	MLT1J2	LTR	ERVL-MaLR
chrX	39609144	39609145	chrX	39609011	39609503	MLT1J	LTR	ERVL-MaLR
chrX	39815066	39815067	chrX	39814985	39815470	LTR33A	LTR	ERVL

chrX	40856407	40856408	chrX	40856064	40856532	MLT1J	LTR	ERVL-MaLR
chrX	40869538	40869539	chrX	40869481	40870090	LTR33C	LTR	ERVL
chrX	44510868	44510869	chrX	44510489	44510957	LTR33A	LTR	ERVL
chrX	48595701	48595702	.	.	.	.	.	.
chrX	58561410	58561411	chrX	58544095	58582011	ALR/Alpha	Satellite	centr
chrX	61685642	61685643	chrX	61682014	61736573	ALR/Alpha	Satellite	centr
chrX	61691826	61691827	chrX	61682014	61736573	ALR/Alpha	Satellite	centr
chrX	61694711	61694712	chrX	61682014	61736573	ALR/Alpha	Satellite	centr
chrX	61717845	61717846	chrX	61682014	61736573	ALR/Alpha	Satellite	centr
chrX	61728612	61728613	chrX	61682014	61736573	ALR/Alpha	Satellite	centr
chrX	61734032	61734033	chrX	61682014	61736573	ALR/Alpha	Satellite	centr
chrX	61839308	61839309	chrX	61814437	61861625	ALR/Alpha	Satellite	centr
chrX	61841935	61841936	chrX	61814437	61861625	ALR/Alpha	Satellite	centr
chrX	69654348	69654349	.	.	.	.	.	.
chrX	103401532	103401533	.	.	.	.	.	.
chrX	108297735	108297736	chrX	108297348	108297830	LSU-rRNA_Hs	rRNA	rRNA
chrX	111556864	111556865	chrX	111556835	111556890	(TC)n	Simple_repea	Simple_repeat
chrX	117359931	117359932	.	.	.	.	.	.
chrX	129091445	129091446	.	.	.	.	.	.
chrX	129116497	129116498	.	.	.	.	.	.
chrX	135268012	135268013	.	.	.	.	.	.
chrX	136520430	136520431	chrX	136520007	136520477	L1PA7	LINE	L1
chrX	139015342	139015343	.	.	.	.	.	.
chrX	152127486	152127487	.	.	.	.	.	.
chrX	152201070	152201071	.	.	.	.	.	.
chrY	9985453	9985454	chrY	9985256	9985468	MLT1H	LTR	ERVL-MaLR
chrY	10019373	10019374	chrY	10019144	10019435	L1PREC2	LINE	L1
chrY	10025235	10025236	chrY	10025145	10025252	L1MD	LINE	L1
chrY	10029655	10029656	.	.	.	.	.	.
chrY	10031855	10031856	chrY	10031790	10031959	AluJb	SINE	Alu
chrY	10036121	10036122	chrY	10034864	10036712	SSU-rRNA_Hs	rRNA	rRNA
chrY	10037848	10037849	.	.	.	.	.	.
chrY	13137842	13137843	chrY	13137788	13137965	(CATTC)n	Simple_repea	Simple_repeat
chrY	13466046	13466047	chrY	13464558	13469801	BSR/Beta	Satellite	Satellite
chrY	13488889	13488890	.	.	.	.	.	.
chrY	13677783	13677784	chrY	13677738	13678025	(GAATG)n	Satellite	Satellite
chrY	13680970	13680971	chrY	13680945	13681124	(GAATG)n	Satellite	Satellite
chrY	13704342	13704343	chrY	13703974	13704585	(GAATG)n	Satellite	Satellite
chrY	13706078	13706079	chrY	13705968	13706145	(GAATG)n	Satellite	Satellite
chrY	13810270	13810271	chrY	13809964	13810290	(GAATG)n	Satellite	Satellite
chrY	13852007	13852008	chrY	13851756	13852108	(GAATG)n	Satellite	Satellite
chrY	13863120	13863121	chrY	13862998	13863460	(GAATG)n	Satellite	Satellite
chrY	13869459	13869460	chrY	13869404	13869939	(GAATG)n	Satellite	Satellite
chrY	58997084	58997085	chrY	58983270	58997782	BSR/Beta	Satellite	Satellite