

Appendix D

ChIP-Seq Enriched Regions

The following parameters were reported from the ERANGE 3.0alpha script findall.py for the region enrichment work-up of the ChIP-Seq reads from Chapter 4 that were aligned to the genome using bowtie 0.96. A table listing all of these reads is included in this appendix and follows on the next page.

```
#enriched sample:   AR.N20.VII.171.chip.rds (10.7 M reads)
#control sample:   AR.N20.VII.171.input.rds (14.2 M reads)
#enforceDirectionality=True listPeak=True cache=True
#maxSpacing=50 minHits=1.0 minRatio=4.0 minPeak=0.5
#minPlus=0.25 maxPlus=0.75 leftPlus=0.40
#stats: 9298.0 RPM in 2764 regions
#           23 additional regions failed directionality filter
#4 regions (4.9 RPM) found in background (FDR = 0.14 percent)
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Table D.1. Enriched regions from 1 nM DHT-induced LNCaP cells immunoprecipitated by Santa Cruz Biotech SC-816 (N-20). Regions were called enriched relative to an input sample that did not undergo chromatin immunoprecipitation.

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711	chr1	1778742	1778938	1.60	7.50	0.00	47.10	100.00	1778836	0.8
AR.N20.VII.1712	chr1	2169794	2170037	3.40	6.80	0.00	45.90	88.20	2169943	1.1
AR.N20.VII.1713	chr1	2332149	2332532	6.90	32.70	0.00	45.90	94.10	2332370	1.7
AR.N20.VII.1714	chr1	2375399	2375650	2.50	6.00	0.00	55.60	73.30	2375490	0.7
AR.N20.VII.1715	chr1	3240433	3240763	3.50	6.30	0.00	57.40	50.00	3240481	0.8
AR.N20.VII.1716	chr1	3435928	3436262	6.80	8.80	0.00	58.90	74.40	3436017	2.5
AR.N20.VII.1717	chr1	5709950	5710129	7.40	52.80	0.60	40.90	100.00	5710062	2.4
AR.N20.VII.1718	chr1	6140640	6140833	2.70	12.80	0.00	51.70	100.00	6140734	1
AR.N20.VII.1719	chr1	6395659	6395820	1.00	7.30	0.00	54.50	100.00	6395728	0.6
AR.N20.VII.17110	chr1	7181570	7181719	1.50	7.30	3.00	51.40	100.00	7181633	0.6
AR.N20.VII.17111	chr1	7953800	7953964	1.20	17.30	0.00	69.20	88.90	7953895	0.6
AR.N20.VII.17112	chr1	8241799	8242104	13.10	93.60	0.00	56.00	72.20	8241906	3.4
AR.N20.VII.17113	chr1	8395282	8395426	1.70	23.90	0.00	61.10	63.60	8395348	0.7
AR.N20.VII.17114	chr1	9417873	9418071	2.70	9.60	0.00	58.60	58.80	9417925	0.7
AR.N20.VII.17115	chr1	9419021	9419225	16.80	119.50	0.00	51.60	92.60	9419149	5.9
AR.N20.VII.17116	chr1	9536392	9536635	23.50	83.60	5.80	39.80	99.00	9536515	6.1
AR.N20.VII.17117	chr1	9589612	9589844	1.30	4.60	0.00	57.10	87.50	9589688	0.6
AR.N20.VII.17118	chr1	10618653	10618937	11.80	12.90	0.40	48.30	92.00	10618823	3.9
AR.N20.VII.17119	chr1	11238910	11239177	2.70	19.30	0.00	58.60	88.20	11239036	0.8
AR.N20.VII.17120	chr1	11552401	11552675	2.90	6.90	0.00	38.70	66.70	11552484	1.2
AR.N20.VII.17121	chr1	12171591	12171811	5.40	25.40	0.90	61.70	78.90	12171670	1.6
AR.N20.VII.17122	chr1	12479128	12479325	1.50	10.60	0.00	62.50	100.00	12479262	0.7
AR.N20.VII.17123	chr1	13819049	13819247	1.80	12.60	0.00	52.60	90.00	13819137	0.6
AR.N20.VII.17124	chr1	14937379	14937586	17.60	83.60	0.50	47.60	94.50	14937487	4.7
AR.N20.VII.17125	chr1	16807352	16807644	1.90	9.30	19.10	43.40	88.50	16807555	0.7
AR.N20.VII.17126	chr1	18240299	18240485	2.30	16.60	28.00	50.00	69.20	18240349	0.7
AR.N20.VII.17127	chr1	19188067	19188269	3.80	27.20	0.00	51.20	100.00	19188221	1
AR.N20.VII.17128	chr1	19265494	19265621	1.70	23.90	0.00	55.60	80.00	19265525	0.6
AR.N20.VII.17129	chr1	20231675	20231852	2.80	19.90	0.00	46.70	92.90	20231769	0.7
AR.N20.VII.17130	chr1	21531322	21531512	3.00	42.50	0.00	68.80	68.20	21531402	0.9
AR.N20.VII.17131	chr1	24328408	24328575	3.40	23.90	0.00	52.80	68.40	24328445	1
AR.N20.VII.17132	chr1	24405736	24405939	2.40	8.60	0.00	73.10	100.00	24405861	0.8
AR.N20.VII.17133	chr1	24583858	24584092	4.80	16.90	0.00	60.80	87.10	24583988	1.4
AR.N20.VII.17134	chr1	26999327	26999512	1.50	5.30	0.00	50.00	100.00	26999414	0.6
AR.N20.VII.17135	chr1	27565997	27566285	6.10	21.60	0.00	52.30	97.10	27566216	2
AR.N20.VII.17136	chr1	30747798	30747907	1.10	15.90	0.00	50.00	100.00	30747819	0.7
AR.N20.VII.17137	chr1	30909915	30910094	2.60	18.60	0.00	46.40	76.90	30909971	1.1
AR.N20.VII.17138	chr1	31504063	31504386	3.10	14.80	0.00	50.70	82.90	31504262	0.8
AR.N20.VII.17139	chr1	32462599	32462775	2.00	7.00	4.80	61.90	61.50	32462680	0.7
AR.N20.VII.17140	chr1	32740182	32740437	8.60	40.70	2.20	47.70	88.60	32740323	2.1
AR.N20.VII.17141	chr1	33996956	33997155	1.70	11.90	0.00	50.00	77.80	33997051	0.6
AR.N20.VII.17142	chr1	36399852	36400006	2.10	30.50	0.00	43.50	90.00	36399906	0.9
AR.N20.VII.17143	chr1	36507627	36507901	2.80	12.50	2.80	54.40	100.00	36507820	0.7
AR.N20.VII.17144	chr1	37737463	37737716	3.40	11.90	0.00	51.40	89.50	37737584	0.9
AR.N20.VII.17145	chr1	38381067	38381268	3.60	10.10	0.40	45.00	100.00	38381183	1.1
AR.N20.VII.17146	chr1	39782701	39782898	4.70	33.20	0.00	54.00	74.10	39782768	1.4
AR.N20.VII.17147	chr1	40088961	40089093	1.40	5.00	0.00	62.50	90.00	40089023	0.7
AR.N20.VII.17148	chr1	41734557	41734773	2.40	4.90	0.00	50.00	69.20	41734652	0.8
AR.N20.VII.17149	chr1	42099081	42099323	3.10	44.10	0.80	57.90	67.50	42099152	1
AR.N20.VII.17150	chr1	43479749	43479949	2.10	6.10	0.00	39.10	77.80	43479817	0.5
AR.N20.VII.17151	chr1	43909490	43909683	1.50	21.90	3.00	57.60	78.90	43909601	0.5
AR.N20.VII.17152	chr1	46881674	46881783	1.30	9.30	0.00	42.90	100.00	46881723	0.6
AR.N20.VII.17153	chr1	46920074	46920248	1.50	20.90	4.80	47.60	100.00	46920200	0.7
AR.N20.VII.17154	chr1	48201880	48202103	3.50	25.20	0.00	47.40	94.40	48202017	0.8
AR.N20.VII.17155	chr1	48691204	48691387	3.30	11.60	0.00	44.40	100.00	48691306	0.9
AR.N20.VII.17156	chr1	52187060	52187244	8.20	39.10	0.00	54.00	69.60	52187105	2.6
AR.N20.VII.17157	chr1	55143000	55143243	1.70	8.20	2.70	41.50	76.50	55143132	0.6
AR.N20.VII.17158	chr1	55225805	55226028	2.10	5.10	0.00	64.30	73.30	55225897	0.7
AR.N20.VII.17159	chr1	55845125	55845279	1.30	9.30	0.00	64.30	88.90	55845200	0.5
AR.N20.VII.17160	chr1	57026427	57026692	8.70	30.90	0.00	41.20	84.70	57026565	2.3
AR.N20.VII.17161	chr1	59309621	59309868	9.40	44.70	0.00	46.60	89.60	59309762	2.7
AR.N20.VII.17162	chr1	59683461	59683609	1.40	10.00	0.00	50.00	100.00	59683567	0.6
AR.N20.VII.17163	chr1	59834147	59834395	2.70	12.80	0.00	65.50	68.40	59834209	0.7
AR.N20.VII.17164	chr1	60513078	60513294	2.70	38.50	0.00	56.70	88.20	60513161	0.6
AR.N20.VII.17165	chr1	60666544	60666752	3.30	46.50	0.00	65.70	87.00	60666653	0.8
AR.N20.VII.17166	chr1	61591671	61591852	1.60	22.60	0.00	35.30	100.00	61591757	0.6
AR.N20.VII.17167	chr1	61878968	61879188	8.70	24.70	0.00	43.20	87.80	61879056	2.9
AR.N20.VII.17168	chr1	64026296	64026466	3.40	16.40	0.00	52.60	95.00	64026377	1.2
AR.N20.VII.17169	chr1	64167043	64167272	8.50	48.30	0.00	53.30	100.00	64167184	3
AR.N20.VII.17170	chr1	64281046	64281219	2.10	9.70	0.00	54.50	83.30	64281109	1.1
AR.N20.VII.17171	chr1	66217457	66217743	2.10	9.70	0.00	63.60	92.90	66217651	0.6
AR.N20.VII.17172	chr1	67810958	67811166	2.90	6.90	3.20	46.80	93.10	67811087	1
AR.N20.VII.17173	chr1	68783021	68783245	3.70	53.10	0.00	48.80	85.00	68783085	0.9
AR.N20.VII.17174	chr1	69326836	69327029	1.60	22.60	0.00	70.60	100.00	69326956	0.6
AR.N20.VII.17175	chr1	71112415	71112524	1.10	8.00	0.00	61.50	100.00	71112493	0.7
AR.N20.VII.17176	chr1	74401579	74401739	1.10	15.90	0.00	66.70	100.00	74401655	0.6
AR.N20.VII.17177	chr1	81480964	81481089	1.50	21.20	0.00	37.50	100.00	81481052	0.7
AR.N20.VII.17178	chr1	81756367	81756556	1.70	8.00	0.00	55.60	80.00	81756501	0.7
AR.N20.VII.17179	chr1	84382154	84382314	2.10	29.20	0.00	50.00	100.00	84382252	1.1
AR.N20.VII.17180	chr1	85768387	85768561	2.10	14.60	0.00	52.20	66.70	85768419	0.5
AR.N20.VII.17181	chr1	85772928	85773126	6.00	21.20	0.00	50.80	72.70	85772998	1.4
AR.N20.VII.17182	chr1	87953386	87953577	1.90	26.60	0.00	65.00	84.60	87953492	0.7
AR.N20.VII.17183	chr1	94644696	94644893	1.50	5.20	1.50	59.40	61.00	94644745	0.5
AR.N20.VII.17184	chr1	94982078	94982383	12.40	44.10	0.00	51.90	88.40	94982270	3.3
AR.N20.VII.17185	chr1	95570930	95571236	4.20	13.80	0.30	49.00	77.40	95571061	1.1

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.17186	chr1	95608566	95608798	3.20	15.00	0.00	55.90	94.70	95608712	0.7
AR.N20.VII.17187	chr1	96127273	96127559	2.60	37.20	0.00	46.40	100.00	96127511	0.7
AR.N20.VII.17188	chr1	100045066	100045312	2.50	15.90	8.70	47.00	93.50	100045222	1.1
AR.N20.VII.17189	chr1	100724022	100724386	3.50	16.80	0.00	44.70	52.90	100724102	0.8
AR.N20.VII.17190	chr1	100731434	100731592	1.50	5.30	0.00	50.00	87.50	100731501	0.7
AR.N20.VII.17191	chr1	106300705	106300889	2.10	9.70	0.00	50.00	90.90	106300816	0.5
AR.N20.VII.17192	chr1	106620664	106620890	2.00	7.00	0.00	52.10	54.50	106620747	0.6
AR.N20.VII.17193	chr1	108126668	108126907	4.80	33.90	0.00	60.80	77.40	108126796	1.4
AR.N20.VII.17194	chr1	109844025	109844251	2.20	10.60	0.00	58.30	92.90	109844165	0.7
AR.N20.VII.17195	chr1	109976841	109977099	9.60	17.00	0.50	46.40	81.60	109976941	2.5
AR.N20.VII.17196	chr1	110580279	110580449	2.80	19.90	0.00	63.30	84.20	110580351	1
AR.N20.VII.17197	chr1	111143190	111143276	1.20	17.30	0.00	69.20	88.90	111143228	0.7
AR.N20.VII.17198	chr1	111987336	111987522	2.10	10.20	0.00	43.50	100.00	111987454	0.9
AR.N20.VII.17199	chr1	112185485	112185650	2.50	11.90	0.00	40.70	100.00	112185583	0.8
AR.N20.VII.171100	chr1	112292797	112293184	4.10	4.80	1.10	42.50	89.20	112293062	0.9
AR.N20.VII.171101	chr1	112408091	112408227	1.20	5.80	0.00	46.20	100.00	112408134	0.5
AR.N20.VII.171102	chr1	112986166	112986283	1.70	23.90	0.00	50.00	100.00	112986219	0.8
AR.N20.VII.171103	chr1	114779337	114779569	4.70	22.10	0.00	60.00	60.00	114779395	1.3
AR.N20.VII.171104	chr1	115746869	115747108	2.20	15.90	97.90	62.50	76.70	115746965	0.6
AR.N20.VII.171105	chr1	116637145	116637271	1.80	12.60	0.00	26.30	100.00	116637243	0.9
AR.N20.VII.171106	chr1	116820596	116820811	10.00	35.50	0.00	45.80	98.00	116820692	2.9
AR.N20.VII.171107	chr1	116997019	116997252	2.20	8.00	78.10	57.70	57.10	116997084	0.7
AR.N20.VII.171108	chr1	118946612	118946803	1.90	6.80	2.40	63.40	76.90	118946680	0.6
AR.N20.VII.171109	chr1	120376201	120376697	7.40	11.70	98.70	55.10	71.30	120376487	1.6
AR.N20.VII.171110	chr1	120990604	120990919	3.70	52.40	26.60	44.30	94.30	120990828	0.9
AR.N20.VII.171111	chr1	142527141	142527334	1.60	13.50	99.20	66.80	95.00	142527307	0.6
AR.N20.VII.171112	chr1	143043301	143043599	1.50	8.90	98.00	56.30	95.40	143043474	0.7
AR.N20.VII.171113	chr1	143223550	143223848	1.40	10.30	97.70	54.30	94.00	143223723	0.7
AR.N20.VII.171114	chr1	143957614	143958091	8.10	9.60	90.20	50.00	88.50	143957823	1.6
AR.N20.VII.171115	chr1	144106821	144107015	1.70	9.00	18.10	47.70	88.60	144106948	0.8
AR.N20.VII.171116	chr1	144108200	144108379	2.40	13.30	35.90	64.70	40.50	144108217	0.7
AR.N20.VII.171117	chr1	144109181	144109331	1.90	5.80	45.80	58.80	99.10	144109252	0.6
AR.N20.VII.171118	chr1	144110552	144110708	1.70	5.40	46.10	43.50	85.00	144110628	0.6
AR.N20.VII.171119	chr1	145048077	145048269	1.20	8.60	0.00	46.20	100.00	145048184	0.5
AR.N20.VII.171120	chr1	145565296	145565501	3.10	21.90	0.00	55.90	94.70	145565385	0.8
AR.N20.VII.171121	chr1	146389764	146389957	1.60	13.50	99.20	65.30	95.00	146389930	0.6
AR.N20.VII.171122	chr1	146827741	146827947	1.40	4.80	64.90	60.90	100.00	146827916	0.5
AR.N20.VII.171123	chr1	147497171	147497309	2.10	7.80	16.30	46.60	91.00	147497259	0.7
AR.N20.VII.171124	chr1	147565122	147565323	1.60	7.80	32.00	44.50	100.00	147565255	0.6
AR.N20.VII.171125	chr1	147851626	147851953	2.50	7.50	69.30	48.20	78.70	147851756	0.7
AR.N20.VII.171126	chr1	148253306	148253481	2.00	28.50	2.30	39.50	100.00	148253397	0.7
AR.N20.VII.171127	chr1	148800383	148800638	2.40	5.60	2.00	54.90	100.00	148800544	0.8
AR.N20.VII.171128	chr1	148807245	148807442	1.90	26.60	0.00	50.00	80.00	148807338	0.7
AR.N20.VII.171129	chr1	149611687	149611846	1.60	7.50	0.00	64.70	81.80	149611757	0.6
AR.N20.VII.171130	chr1	150286852	150287038	2.00	9.30	0.00	38.10	100.00	150286964	0.7
AR.N20.VII.171131	chr1	150430992	150431261	2.60	12.40	0.00	51.70	73.30	150431105	0.6
AR.N20.VII.171132	chr1	151910302	151910497	1.70	7.40	55.10	47.50	80.10	151910376	0.5
AR.N20.VII.171133	chr1	152590531	152590742	1.60	7.50	0.00	35.30	83.30	152590651	0.5
AR.N20.VII.171134	chr1	152657311	152657680	3.90	11.20	0.00	52.40	100.00	152657615	0.9
AR.N20.VII.171135	chr1	153370456	153370683	9.00	32.20	0.00	40.20	97.40	153370574	3
AR.N20.VII.171136	chr1	154747269	154747494	3.20	9.00	0.00	41.20	85.70	154747371	1.7
AR.N20.VII.171137	chr1	154852963	154853182	14.40	68.20	0.00	53.20	98.80	154853102	3.3
AR.N20.VII.171138	chr1	158368494	158368754	13.30	31.60	0.00	47.60	91.20	158368627	3.1
AR.N20.VII.171139	chr1	158438487	158438646	1.90	13.60	2.40	43.90	100.00	158438552	0.7
AR.N20.VII.171140	chr1	159636053	159636213	1.50	14.10	25.70	54.80	71.60	159636115	0.6
AR.N20.VII.171141	chr1	159767497	159767693	1.70	4.50	51.10	68.80	87.30	159767567	0.6
AR.N20.VII.171142	chr1	159960136	159960344	3.60	10.40	0.00	69.20	77.80	159960233	1.3
AR.N20.VII.171143	chr1	160121017	160121109	1.20	8.60	0.00	53.80	85.70	160121059	0.6
AR.N20.VII.171144	chr1	160969060	160969466	4.80	17.30	0.00	51.90	66.70	160969252	1
AR.N20.VII.171145	chr1	161167076	161167229	1.20	8.60	0.00	46.20	100.00	161167199	0.5
AR.N20.VII.171146	chr1	162252075	162252262	1.60	11.30	0.00	41.20	100.00	162252194	0.7
AR.N20.VII.171147	chr1	162721714	162721899	2.70	9.60	0.00	60.00	100.00	162721835	0.7
AR.N20.VII.171148	chr1	163305744	163305962	4.00	56.90	7.90	43.40	94.60	163305884	1.3
AR.N20.VII.171149	chr1	163517415	163517629	3.30	6.60	0.00	57.10	75.00	163517522	1
AR.N20.VII.171150	chr1	165361488	165361732	2.20	15.90	0.00	50.00	58.30	165361545	0.6
AR.N20.VII.171151	chr1	165780417	165780708	6.70	19.10	0.00	41.70	96.70	165780603	1.6
AR.N20.VII.171152	chr1	165907849	165907992	1.20	8.60	0.00	30.80	50.00	165907889	0.5
AR.N20.VII.171153	chr1	166309958	166310110	1.30	18.60	0.00	42.90	100.00	166310072	0.7
AR.N20.VII.171154	chr1	166867558	166867765	3.20	9.00	0.00	55.90	89.50	166867700	0.8
AR.N20.VII.171155	chr1	169579973	169580238	2.20	15.90	0.00	58.30	71.40	169580093	0.6
AR.N20.VII.171156	chr1	173468166	173468420	3.50	25.20	0.00	36.80	100.00	173468299	1.3
AR.N20.VII.171157	chr1	174766783	174766979	2.40	34.50	0.00	57.70	66.70	174766831	0.8
AR.N20.VII.171158	chr1	175680880	175681060	1.70	6.00	0.00	61.10	100.00	175681008	0.7
AR.N20.VII.171159	chr1	176573198	176573369	2.40	17.30	0.00	51.90	100.00	176573272	0.8
AR.N20.VII.171160	chr1	176926431	176926549	1.00	14.60	0.00	54.50	66.70	176926475	0.5
AR.N20.VII.171161	chr1	178764601	178764851	5.00	71.70	0.00	46.30	88.00	178764719	1.3
AR.N20.VII.171162	chr1	179594841	179595125	4.90	35.20	0.00	52.80	67.90	179594955	0.9
AR.N20.VII.171163	chr1	180453767	180453947	1.50	5.30	0.00	50.00	100.00	180453893	0.6
AR.N20.VII.171164	chr1	180625415	180625616	2.10	9.70	0.00	54.50	66.70	180625453	0.6
AR.N20.VII.171165	chr1	180942984	180943220	3.40	24.10	0.90	42.20	93.50	180943112	0.9
AR.N20.VII.171166	chr1	181038289	181038434	2.10	14.60	0.00	47.80	100.00	181038398	1
AR.N20.VII.171167	chr1	181205066	181205217	1.70	24.30	1.80	72.70	92.50	181205168	0.7
AR.N20.VII.171168	chr1	181324870	181325061	2.70	19.30	0.00	44.80	100.00	181324980	1
AR.N20.VII.171169	chr1	182124306	182124415	1.50	21.20	0.00	25.00	100.00	182124339	0.6
AR.N20.VII.171170	chr1	182658642	182658904	4.30	10.20	0.00	55.30	92.30	182658819	1.4

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171171	chr1	182858015	182858249	1.80	6.30	0.00	68.40	100.00	182858201	0.7
AR.N20.VII.171172	chr1	182868653	182868922	9.60	22.80	0.00	46.20	95.80	182868789	3.5
AR.N20.VII.171173	chr1	183165764	183165935	2.40	17.30	0.00	46.20	75.00	183165787	0.7
AR.N20.VII.171174	chr1	183578705	183578940	4.90	17.40	0.50	40.40	100.00	183578883	1.7
AR.N20.VII.171175	chr1	183770680	183770992	2.90	4.60	1.60	36.50	91.30	183770905	0.7
AR.N20.VII.171176	chr1	185557830	185557962	1.00	9.70	0.00	54.50	100.00	185557912	0.6
AR.N20.VII.171177	chr1	185753447	185753570	1.40	10.00	0.00	26.70	100.00	185753482	0.5
AR.N20.VII.171178	chr1	186073682	186073909	3.60	26.00	0.30	56.50	95.50	186073816	1
AR.N20.VII.171179	chr1	186207769	186207995	2.00	27.90	0.00	42.90	88.90	186207880	0.7
AR.N20.VII.171180	chr1	187810324	187810420	1.00	7.30	0.00	66.70	100.00	187810385	0.6
AR.N20.VII.171181	chr1	188828377	188828591	2.50	17.60	1.90	54.70	93.10	188828482	0.7
AR.N20.VII.171182	chr1	190001123	190001264	1.60	11.30	0.00	52.90	88.90	190001213	0.6
AR.N20.VII.171183	chr1	190732180	190732333	1.10	15.90	0.00	46.20	100.00	190732262	0.6
AR.N20.VII.171184	chr1	191080171	191080384	2.40	28.50	4.90	25.20	100.00	191080307	1
AR.N20.VII.171185	chr1	191097586	191097794	3.90	27.90	0.00	60.50	100.00	191097755	1.1
AR.N20.VII.171186	chr1	191344327	191344528	4.00	14.20	48.00	67.20	66.90	191344393	1.2
AR.N20.VII.171187	chr1	191998005	191998172	1.50	21.20	0.00	68.80	63.60	191998063	0.6
AR.N20.VII.171188	chr1	197073320	197073646	3.80	9.10	0.00	43.90	100.00	197073537	0.7
AR.N20.VII.171189	chr1	199517319	199517533	2.50	9.00	0.00	50.00	64.30	199517426	0.8
AR.N20.VII.171190	chr1	199545211	199545505	2.60	5.30	0.00	50.00	57.10	199545313	0.6
AR.N20.VII.171191	chr1	200011189	200011426	4.20	29.90	0.00	48.90	100.00	200011365	1
AR.N20.VII.171192	chr1	200541030	200541210	1.60	11.40	1.00	33.90	97.30	200541127	0.7
AR.N20.VII.171193	chr1	202212086	202212275	2.00	27.90	0.00	52.40	100.00	202212232	0.6
AR.N20.VII.171194	chr1	202324772	202325028	7.00	33.40	0.70	71.30	73.20	202324899	2.5
AR.N20.VII.171195	chr1	202492361	202492586	2.50	5.50	0.00	60.70	76.50	202492448	0.7
AR.N20.VII.171196	chr1	202652904	202653133	5.30	15.10	0.00	46.60	100.00	202653093	1.6
AR.N20.VII.171197	chr1	203733284	203733438	2.20	5.30	0.00	33.30	87.50	203733314	0.9
AR.N20.VII.171198	chr1	203934648	203935045	5.20	37.20	0.00	46.40	92.30	203934864	1.3
AR.N20.VII.171199	chr1	204780384	204780568	1.60	5.80	2.90	51.40	88.90	204780497	0.7
AR.N20.VII.171200	chr1	205244798	205245032	2.20	15.90	0.00	50.00	83.30	205244880	0.7
AR.N20.VII.171201	chr1	205250015	205250226	2.50	4.50	0.00	42.90	83.30	205250146	1
AR.N20.VII.171202	chr1	205271694	205272177	10.00	28.40	0.00	42.10	100.00	205272063	2.3
AR.N20.VII.171203	chr1	206190766	206191004	2.50	11.90	0.00	44.40	75.00	206190874	0.8
AR.N20.VII.171204	chr1	206538628	206538915	5.20	21.10	0.90	39.60	95.50	206538791	1.5
AR.N20.VII.171205	chr1	207771030	207771189	3.30	15.50	0.00	31.40	100.00	207771103	1
AR.N20.VII.171206	chr1	208025646	208025816	2.00	11.40	46.50	51.20	100.00	208025752	0.6
AR.N20.VII.171207	chr1	209440426	209440537	2.00	13.90	0.00	33.30	71.40	209440461	0.8
AR.N20.VII.171208	chr1	209714515	209714668	6.00	85.00	0.00	41.50	100.00	209714609	2.3
AR.N20.VII.171209	chr1	210137097	210137283	1.90	6.60	0.00	64.40	100.00	210137167	0.7
AR.N20.VII.171210	chr1	210245006	210245137	1.40	10.00	0.00	73.30	72.70	210245042	0.8
AR.N20.VII.171211	chr1	210373305	210373546	1.70	23.70	5.50	46.40	64.00	210373423	0.7
AR.N20.VII.171212	chr1	214768759	214768947	1.80	6.30	0.00	50.00	70.00	214768793	0.6
AR.N20.VII.171213	chr1	215142677	215142982	7.20	25.60	0.00	53.80	97.60	215142882	1.8
AR.N20.VII.171214	chr1	215468772	215468882	1.50	21.90	3.00	45.50	100.00	215468833	0.7
AR.N20.VII.171215	chr1	215766215	215766331	2.60	18.60	0.00	55.20	100.00	215766296	1.1
AR.N20.VII.171216	chr1	217758239	217758398	2.70	19.30	0.00	37.90	90.90	217758332	1.3
AR.N20.VII.171217	chr1	218678533	218678669	1.20	12.30	3.00	58.60	100.00	218678593	0.7
AR.N20.VII.171218	chr1	219052395	219052641	4.20	6.00	0.00	46.70	85.70	219052557	1.1
AR.N20.VII.171219	chr1	219547428	219547540	1.60	23.20	2.90	37.10	100.00	219547472	0.7
AR.N20.VII.171220	chr1	220086045	220086253	2.70	12.90	0.60	58.90	100.00	220086205	0.9
AR.N20.VII.171221	chr1	221988922	221988971	2.10	6.10	0.00	58.30	78.60	221988988	0.9
AR.N20.VII.171222	chr1	222040135	222040373	2.20	30.80	0.90	58.70	84.50	222040277	0.7
AR.N20.VII.171223	chr1	222141041	222141301	2.40	11.50	0.00	38.50	60.00	222141106	0.7
AR.N20.VII.171224	chr1	222427993	222428163	1.40	19.90	0.00	40.00	100.00	222428093	0.5
AR.N20.VII.171225	chr1	222559299	222559395	1.80	8.40	0.00	73.70	92.90	222559299	1
AR.N20.VII.171226	chr1	222894432	222894684	8.30	19.80	0.90	52.00	91.50	222894544	2.6
AR.N20.VII.171227	chr1	223948563	223948774	1.40	6.60	0.00	46.70	100.00	223948682	0.5
AR.N20.VII.171228	chr1	226146070	226146286	2.30	4.70	0.00	60.00	80.00	226146174	0.8
AR.N20.VII.171229	chr1	227056177	227056340	1.50	10.60	0.00	31.20	100.00	227056295	0.5
AR.N20.VII.171230	chr1	227476204	227476401	1.70	8.00	0.00	61.10	100.00	227476358	0.7
AR.N20.VII.171231	chr1	228046429	228046590	2.70	7.70	0.00	31.00	100.00	228046533	1.3
AR.N20.VII.171232	chr1	228047023	228047430	3.70	10.00	0.40	41.30	100.00	228047341	0.9
AR.N20.VII.171233	chr1	228388358	228388588	3.30	11.60	2.90	51.40	73.70	228388499	1
AR.N20.VII.171234	chr1	229064413	229064543	2.30	8.30	0.00	52.00	69.20	229064464	0.9
AR.N20.VII.171235	chr1	229539803	229539962	2.00	13.90	0.00	54.50	91.70	229539858	1.2
AR.N20.VII.171236	chr1	229886850	229887043	6.50	46.50	0.00	51.40	94.40	229886944	1.9
AR.N20.VII.171237	chr1	231891684	231891787	1.00	7.30	0.00	54.50	100.00	231891748	0.7
AR.N20.VII.171238	chr1	232605931	232606044	1.20	8.60	0.00	53.80	71.40	232605976	0.6
AR.N20.VII.171239	chr1	233550662	233550794	1.30	18.60	0.00	64.30	88.90	233550716	0.7
AR.N20.VII.171240	chr1	233638984	233639285	9.20	32.90	0.00	51.50	94.10	233639131	2.4
AR.N20.VII.171241	chr1	234048602	234048831	1.70	4.80	0.00	55.60	90.00	234048732	0.5
AR.N20.VII.171242	chr1	234550642	234550827	2.40	34.50	0.00	65.40	82.40	234550744	0.7
AR.N20.VII.171243	chr1	234619341	234619539	1.70	23.90	0.00	33.30	83.30	234619421	0.6
AR.N20.VII.171244	chr1	236094340	236094574	2.10	4.90	0.00	50.00	45.50	236094410	0.7
AR.N20.VII.171245	chr1	236127006	236127172	1.90	13.30	0.00	50.00	90.00	236127037	0.6
AR.N20.VII.171246	chr1	237286985	237287135	1.70	8.00	0.00	57.90	90.90	237287108	0.6
AR.N20.VII.171247	chr1	238109220	238109443	2.30	6.60	0.00	48.00	75.00	238109295	0.6
AR.N20.VII.171248	chr1	240576303	240576484	1.80	25.20	52.60	50.00	100.00	240576409	0.7
AR.N20.VII.171249	chr1	242892661	242892848	3.40	47.80	0.00	66.70	75.00	242892729	0.9
AR.N20.VII.171250	chr1	243998545	243998801	4.90	23.50	3.80	58.50	66.10	243998643	1.2
AR.N20.VII.171251	chr1	244679506	244679725	2.10	14.90	2.20	53.20	76.00	244679617	0.7
AR.N20.VII.171252	chr1	247134492	247134798	3.70	4.40	10.80	56.30	89.50	247134717	0.8
AR.N20.VII.171253	chr10	1353075	1353197	1.30	4.60	0.00	35.70	80.00	1353132	0.7
AR.N20.VII.171254	chr10	4162073	4162383	2.70	12.80	0.00	48.30	100.00	4162268	0.7
AR.N20.VII.171255	chr10	4672325	4672511	3.40	47.80	0.00	66.70	95.80	4672452	0.9

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171256	chr10	5826872	5827032	1.10	4.00	0.00	49.10	83.30	5826971	0.5
AR.N20.VII.171257	chr10	6337468	6337798	12.20	43.50	0.00	48.90	50.00	6337555	2.5
AR.N20.VII.171258	chr10	8226591	8226791	1.30	9.30	0.00	28.60	100.00	8226663	0.6
AR.N20.VII.171259	chr10	12613382	12613617	2.70	19.30	0.00	58.60	100.00	12613569	0.9
AR.N20.VII.171260	chr10	12771926	12772139	2.10	7.30	0.00	40.90	88.90	12772074	0.6
AR.N20.VII.171261	chr10	13799994	13800178	2.10	5.80	0.00	50.00	100.00	13800109	0.6
AR.N20.VII.171262	chr10	13939609	13939855	2.30	11.10	0.00	60.00	100.00	13939759	0.7
AR.N20.VII.171263	chr10	14654125	14654402	8.30	14.80	0.00	44.90	87.50	14654256	2
AR.N20.VII.171264	chr10	15240575	15240737	1.50	7.10	0.00	56.20	77.80	15240631	0.7
AR.N20.VII.171265	chr10	15685561	15685781	1.80	5.10	1.00	47.90	89.10	15685686	0.7
AR.N20.VII.171266	chr10	15792530	15792789	3.20	9.00	0.00	50.00	82.40	15792624	1
AR.N20.VII.171267	chr10	16684495	16684683	1.90	9.10	2.40	63.40	53.80	16684536	0.5
AR.N20.VII.171268	chr10	21224746	21225095	1.70	4.80	0.00	61.10	54.50	21224766	0.6
AR.N20.VII.171269	chr10	21471198	21471344	1.10	8.00	0.00	50.00	83.30	21471253	0.7
AR.N20.VII.171270	chr10	22017529	22017637	1.20	17.30	0.00	46.20	100.00	22017559	0.9
AR.N20.VII.171271	chr10	22415712	22415879	2.80	19.90	0.00	46.70	85.70	22415781	1.4
AR.N20.VII.171272	chr10	22558408	22558561	1.60	5.50	32.00	56.80	90.00	22558460	0.6
AR.N20.VII.171273	chr10	22795742	22796038	2.60	18.30	1.80	50.90	100.00	22795920	0.6
AR.N20.VII.171274	chr10	24156950	24157118	3.40	47.80	0.00	61.10	95.50	24157080	1
AR.N20.VII.171275	chr10	25491416	25491584	1.40	19.30	3.40	48.30	71.40	25491453	0.6
AR.N20.VII.171276	chr10	25499642	25499824	2.30	33.20	0.00	60.00	100.00	25499724	0.7
AR.N20.VII.171277	chr10	33022442	33022670	1.60	22.60	2.90	41.20	78.60	33022530	0.6
AR.N20.VII.171278	chr10	33523235	33523356	1.30	9.30	0.00	57.10	87.50	33523266	0.5
AR.N20.VII.171279	chr10	34228612	34228826	3.40	47.80	0.00	54.10	95.00	34228741	0.8
AR.N20.VII.171280	chr10	34481427	34481761	3.30	31.70	0.90	51.20	94.50	34481687	0.7
AR.N20.VII.171281	chr10	34955142	34955356	7.30	51.80	1.30	42.30	93.90	34955256	2.1
AR.N20.VII.171282	chr10	36019512	36019873	3.00	21.60	1.50	56.90	81.10	36019680	0.8
AR.N20.VII.171283	chr10	43010294	43010437	2.00	9.30	0.00	72.70	81.20	43010353	0.6
AR.N20.VII.171284	chr10	44489105	44489355	4.00	28.50	0.00	55.80	75.00	44489195	1.1
AR.N20.VII.171285	chr10	44512688	44512861	2.50	11.90	0.00	37.00	90.00	44512771	0.8
AR.N20.VII.171286	chr10	44817345	44817495	2.10	29.50	0.00	49.40	63.60	44817377	0.7
AR.N20.VII.171287	chr10	50383205	50383361	2.60	18.60	0.00	53.60	80.00	50383266	0.8
AR.N20.VII.171288	chr10	52051760	52052066	3.00	4.90	0.00	46.90	93.30	52051841	1.1
AR.N20.VII.171289	chr10	57813718	57813934	3.70	52.30	3.50	45.50	98.60	57813804	1.7
AR.N20.VII.171290	chr10	58388108	58388382	1.80	8.60	0.00	28.20	81.80	58388166	0.8
AR.N20.VII.171291	chr10	59189606	59189870	9.00	42.70	11.90	44.50	97.70	59189735	1.9
AR.N20.VII.171292	chr10	59392671	59392906	2.00	13.90	0.00	57.10	91.70	59392830	0.7
AR.N20.VII.171293	chr10	60966467	60966677	2.40	8.60	0.00	42.30	45.50	60966523	0.6
AR.N20.VII.171294	chr10	61421486	61421697	1.80	12.60	0.00	45.00	77.80	61421566	0.6
AR.N20.VII.171295	chr10	61697615	61697784	2.00	7.10	2.30	48.90	81.80	61697741	0.9
AR.N20.VII.171296	chr10	62397111	62397341	3.10	29.50	4.00	33.50	64.10	62397206	1.2
AR.N20.VII.171297	chr10	62554536	62554730	3.10	22.20	1.50	44.90	80.60	62554620	1
AR.N20.VII.171298	chr10	62676390	62676635	1.50	21.20	0.00	50.00	100.00	62676598	0.5
AR.N20.VII.171299	chr10	62756327	62756482	1.40	19.90	0.00	40.00	83.30	62756427	0.5
AR.N20.VII.171300	chr10	63834706	63835016	1.80	8.40	0.00	52.60	100.00	63834949	0.6
AR.N20.VII.171301	chr10	65142055	65142408	2.80	6.60	0.00	50.00	60.00	65142141	0.5
AR.N20.VII.171302	chr10	65539256	65539486	4.10	29.20	0.00	61.40	100.00	65539397	1.2
AR.N20.VII.171303	chr10	69194123	69194364	3.10	6.70	9.00	54.70	66.60	69194270	0.7
AR.N20.VII.171304	chr10	71341358	71341546	1.80	25.20	0.00	52.60	100.00	71341479	0.7
AR.N20.VII.171305	chr10	72942802	72943038	7.00	16.60	0.00	44.70	88.20	72942916	2
AR.N20.VII.171306	chr10	73019852	73020176	2.30	11.10	0.00	64.00	87.50	73020070	0.7
AR.N20.VII.171307	chr10	73147652	73147832	1.10	8.00	0.00	25.00	100.00	73147785	0.6
AR.N20.VII.171308	chr10	73549339	73549539	1.90	8.00	0.00	44.60	88.90	73549422	0.7
AR.N20.VII.171309	chr10	73678648	73678966	5.00	11.80	0.90	50.50	96.30	73678784	1.4
AR.N20.VII.171310	chr10	73684941	73685183	8.30	17.00	0.60	40.90	86.50	73685031	2.1
AR.N20.VII.171311	chr10	74547714	74547996	1.90	13.30	0.00	40.00	100.00	74547844	0.6
AR.N20.VII.171312	chr10	76251404	76251663	5.30	8.40	0.00	41.70	96.00	76251589	1.6
AR.N20.VII.171313	chr10	76390416	76390650	9.20	43.80	1.00	48.00	89.60	76390558	3
AR.N20.VII.171314	chr10	77163111	77163320	2.10	30.50	0.00	60.90	85.70	77163196	0.6
AR.N20.VII.171315	chr10	77463316	77463621	3.50	12.60	0.00	52.60	85.00	77463411	1.2
AR.N20.VII.171316	chr10	78498939	78499081	2.10	14.60	0.00	50.00	72.70	78499016	0.7
AR.N20.VII.171317	chr10	78672948	78673057	1.60	5.70	0.70	35.00	100.00	78673009	0.9
AR.N20.VII.171318	chr10	78717454	78717810	3.40	6.80	0.00	52.80	78.90	78717704	0.6
AR.N20.VII.171319	chr10	78928110	78928339	28.10	99.90	0.30	44.50	94.90	78928205	8.6
AR.N20.VII.171320	chr10	78928743	78928908	3.80	10.90	0.00	39.00	100.00	78928850	1.4
AR.N20.VII.171321	chr10	78937147	78937445	5.20	9.30	0.00	50.90	82.80	78937296	1.4
AR.N20.VII.171322	chr10	79317364	79317517	2.20	30.80	0.70	69.80	75.30	79317440	0.7
AR.N20.VII.171323	chr10	79596602	79596790	2.40	34.50	0.00	53.80	78.60	79596698	0.8
AR.N20.VII.171324	chr10	80159762	80159843	3.00	42.50	0.00	40.50	100.00	80159816	1.8
AR.N20.VII.171325	chr10	80172522	80172810	3.10	7.40	1.50	41.80	78.60	80172610	0.9
AR.N20.VII.171326	chr10	82600261	82600445	4.40	62.40	0.00	57.40	96.30	82600360	1.4
AR.N20.VII.171327	chr10	88414740	88414900	2.30	32.50	2.00	49.00	91.70	88414827	0.8
AR.N20.VII.171328	chr10	89397822	89397988	1.30	18.60	0.00	33.30	100.00	89397927	0.6
AR.N20.VII.171329	chr10	92773241	92773401	1.00	7.30	0.00	58.30	71.40	92773301	0.6
AR.N20.VII.171330	chr10	93553993	93554150	1.20	5.80	0.00	30.80	100.00	93554068	0.5
AR.N20.VII.171331	chr10	93778897	93779036	1.20	17.30	0.00	53.80	100.00	93778943	0.7
AR.N20.VII.171332	chr10	94481252	94481414	2.00	27.90	0.00	47.60	100.00	94481314	0.9
AR.N20.VII.171333	chr10	95512946	95513134	1.00	4.60	0.00	45.50	80.00	95513064	0.5
AR.N20.VII.171334	chr10	98608517	98608681	1.50	21.20	0.00	41.20	100.00	98608626	0.6
AR.N20.VII.171335	chr10	99653094	99653222	1.20	17.30	0.00	71.40	100.00	99653186	0.6
AR.N20.VII.171336	chr10	100830082	100830243	1.40	6.60	0.00	53.30	100.00	100830212	0.5
AR.N20.VII.171337	chr10	101088802	101088997	2.80	13.30	0.00	53.30	93.80	101088953	0.8
AR.N20.VII.171338	chr10	101562082	101562271	2.10	29.20	0.00	54.50	100.00	101562202	0.7
AR.N20.VII.171339	chr10	102530231	102530373	1.40	10.30	3.20	32.30	100.00	102530319	0.6
AR.N20.VII.171340	chr10	106038305	106038467	2.70	12.80	0.00	62.10	66.70	106038341	0.9

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171341	chr10	106059792	106059929	1.70	6.00	0.00	33.30	100.00	106059818	0.7
AR.N20.VII.171342	chr10	106118259	106118443	1.70	23.90	0.00	44.40	75.00	106118327	0.8
AR.N20.VII.171343	chr10	106571882	106572189	4.20	20.10	1.10	50.50	73.90	106572001	1.2
AR.N20.VII.171344	chr10	110471755	110471934	2.50	11.90	48.10	50.70	75.60	110471839	0.9
AR.N20.VII.171345	chr10	112534076	112534253	1.60	7.50	0.00	35.30	66.70	112534150	0.5
AR.N20.VII.171346	chr10	113331263	113331482	2.60	7.40	3.00	40.70	100.00	113331404	0.7
AR.N20.VII.171347	chr10	113456135	113456239	1.70	8.00	72.20	49.10	100.00	113456211	1.4
AR.N20.VII.171348	chr10	113537721	113537911	3.50	50.50	0.00	47.40	100.00	113537828	1
AR.N20.VII.171349	chr10	113560209	113560421	1.70	23.90	0.00	50.00	100.00	113560347	0.7
AR.N20.VII.171350	chr10	115912391	115912569	1.20	16.60	4.00	52.00	100.00	115912478	0.5
AR.N20.VII.171351	chr10	117051360	117051480	1.20	8.60	0.00	46.20	100.00	117051445	0.5
AR.N20.VII.171352	chr10	117191715	117191917	1.60	11.30	0.00	52.90	77.80	117191760	0.5
AR.N20.VII.171353	chr10	118178861	118179041	1.90	26.60	1.70	71.40	93.30	118178990	0.9
AR.N20.VII.171354	chr10	118302929	118303115	4.70	67.30	11.20	65.50	78.40	118302980	2.1
AR.N20.VII.171355	chr10	119513493	119513653	1.80	25.20	0.00	60.00	83.30	119513560	0.7
AR.N20.VII.171356	chr10	119554328	119554485	2.30	33.20	0.00	40.00	90.00	119554376	0.9
AR.N20.VII.171357	chr10	121034476	121034582	1.50	7.10	0.00	62.50	100.00	121034526	0.7
AR.N20.VII.171358	chr10	122826380	122826564	2.50	9.00	0.00	48.10	100.00	122826488	0.8
AR.N20.VII.171359	chr10	123870608	123870861	53.60	152.80	0.40	45.50	95.40	123870736	12.4
AR.N20.VII.171360	chr10	124977369	124977598	2.60	18.80	1.20	57.10	100.00	124977511	1
AR.N20.VII.171361	chr10	126043353	126043557	4.70	13.40	1.00	56.40	73.70	126043414	1.6
AR.N20.VII.171362	chr10	127270461	127270715	5.70	27.00	0.00	49.20	76.70	127270566	1.5
AR.N20.VII.171363	chr10	127362518	127362654	4.30	61.10	0.00	52.20	100.00	127362572	1.8
AR.N20.VII.171364	chr10	128237501	128237743	1.60	22.60	0.00	52.90	77.80	128237659	0.5
AR.N20.VII.171365	chr10	128259576	128259803	9.10	43.10	0.50	43.10	97.60	128259673	3.3
AR.N20.VII.171366	chr10	128732523	128732785	4.80	13.80	0.00	46.20	91.70	128732634	1.2
AR.N20.VII.171367	chr10	129656446	129656675	2.40	11.50	0.00	59.30	93.80	129656540	1
AR.N20.VII.171368	chr10	129798000	129798259	3.40	24.60	0.00	51.40	73.70	129798099	1
AR.N20.VII.171369	chr10	131267422	131267642	2.80	10.00	0.00	66.70	85.00	131267499	1.2
AR.N20.VII.171370	chr10	132833352	132833495	1.90	26.60	0.00	65.00	76.90	132833399	0.7
AR.N20.VII.171371	chr10	132870138	132870356	3.40	8.20	0.00	56.80	85.70	132870275	1.2
AR.N20.VII.171372	chr10	134298277	134298437	1.90	6.80	2.40	51.20	72.70	134298328	0.8
AR.N20.VII.171373	chr10	134349130	134349376	5.50	13.10	0.00	49.20	100.00	134349248	1.6
AR.N20.VII.171374	chr10	134732748	134733014	9.20	16.40	1.00	58.20	59.00	134732827	2.1
AR.N20.VII.171375	chr11	226264	226392	1.60	5.00	0.00	29.40	100.00	226318	0.7
AR.N20.VII.171376	chr11	809659	809896	2.10	5.10	0.00	39.10	77.80	809757	1
AR.N20.VII.171377	chr11	2756998	2757189	2.10	6.10	0.00	65.20	53.30	2757056	0.6
AR.N20.VII.171378	chr11	2868484	2868752	4.30	8.70	0.00	47.80	95.50	2868626	1.6
AR.N20.VII.171379	chr11	3137139	3137396	5.00	14.30	0.00	55.60	96.70	3137270	1.7
AR.N20.VII.171380	chr11	4584180	4584348	1.20	8.60	7.70	46.20	100.00	4584247	0.6
AR.N20.VII.171381	chr11	4934328	4934529	3.90	55.40	13.80	40.10	94.00	4934447	1.6
AR.N20.VII.171382	chr11	7511102	7511277	1.70	23.90	0.00	38.90	100.00	7511229	0.7
AR.N20.VII.171383	chr11	7516535	7516883	5.50	15.70	0.00	52.50	77.40	7516712	1.5
AR.N20.VII.171384	chr11	7520531	7520711	1.80	25.20	0.00	73.70	64.30	7520563	0.7
AR.N20.VII.171385	chr11	7533579	7533714	1.40	6.60	0.00	53.30	75.00	7533630	0.6
AR.N20.VII.171386	chr11	7600721	7600900	2.40	34.50	0.00	46.20	91.70	7600775	0.7
AR.N20.VII.171387	chr11	7613685	7613820	1.70	11.90	0.00	55.60	50.00	7613702	0.7
AR.N20.VII.171388	chr11	10909952	10910102	1.20	8.60	0.00	61.50	100.00	10910038	0.6
AR.N20.VII.171389	chr11	11562331	11562551	2.40	33.90	2.00	52.80	71.40	11562430	0.5
AR.N20.VII.171390	chr11	12048560	12048820	5.00	23.90	0.00	59.30	96.90	12048710	1.3
AR.N20.VII.171391	chr11	12178534	12178708	1.60	22.60	0.00	29.40	100.00	12178634	0.7
AR.N20.VII.171392	chr11	12226510	12226786	11.10	52.70	1.70	43.70	89.40	12226635	2.7
AR.N20.VII.171393	chr11	12831750	12832000	2.90	20.60	0.00	51.60	93.80	12831878	0.6
AR.N20.VII.171394	chr11	12975427	12975563	1.60	11.30	0.00	64.70	81.80	12975481	0.7
AR.N20.VII.171395	chr11	13764862	13765016	1.90	5.30	0.00	60.00	91.70	13764914	1.1
AR.N20.VII.171396	chr11	14598345	14598526	1.80	8.40	0.00	42.10	100.00	14598438	0.5
AR.N20.VII.171397	chr11	15472129	15472354	1.70	6.10	1.40	39.70	96.60	15472237	0.5
AR.N20.VII.171398	chr11	16204479	16204637	3.40	16.40	0.00	67.60	60.00	16204506	1.2
AR.N20.VII.171399	chr11	17383859	17384084	3.90	18.60	0.00	57.10	62.50	17383952	1
AR.N20.VII.171400	chr11	20489000	20489246	2.50	35.80	0.00	55.60	100.00	20489132	0.8
AR.N20.VII.171401	chr11	22652964	22653109	1.10	5.30	0.00	50.00	100.00	22653007	0.6
AR.N20.VII.171402	chr11	25368819	25369026	1.90	26.60	0.00	50.00	60.00	25368874	0.6
AR.N20.VII.171403	chr11	25968206	25968457	2.50	11.90	0.00	55.60	100.00	25968367	0.8
AR.N20.VII.171404	chr11	26198003	26198144	1.30	9.50	0.00	43.90	100.00	26198054	0.6
AR.N20.VII.171405	chr11	26888885	26889006	3.40	47.70	0.00	33.30	91.60	26888936	1.9
AR.N20.VII.171406	chr11	27097347	27097541	2.80	13.30	0.00	36.70	90.90	27097441	0.8
AR.N20.VII.171407	chr11	27155473	27155703	4.50	21.20	0.00	41.70	95.00	27155612	1.1
AR.N20.VII.171408	chr11	27492858	27493090	1.90	8.90	0.00	70.00	57.10	27492945	0.6
AR.N20.VII.171409	chr11	27694455	27694635	1.40	17.70	0.00	46.70	100.00	27694542	0.7
AR.N20.VII.171410	chr11	30348387	30348597	2.20	15.60	2.10	44.70	90.50	30348540	0.7
AR.N20.VII.171411	chr11	31485707	31485858	2.10	9.70	0.00	36.40	100.00	31485771	1
AR.N20.VII.171412	chr11	32282793	32283017	1.80	25.90	2.60	43.90	77.80	32282876	0.7
AR.N20.VII.171413	chr11	32307636	32307748	1.20	10.10	4.00	48.00	100.00	32307700	0.7
AR.N20.VII.171414	chr11	32891704	32891904	1.90	26.60	0.00	50.00	90.00	32891827	1
AR.N20.VII.171415	chr11	34618164	34618359	3.70	52.40	1.30	41.80	81.80	34618298	1
AR.N20.VII.171416	chr11	34728495	34728669	2.10	7.30	0.00	54.50	91.70	34728572	0.6
AR.N20.VII.171417	chr11	34889260	34889513	3.60	51.80	0.00	66.70	57.70	34889321	1.1
AR.N20.VII.171418	chr11	35039747	35039953	2.60	18.80	1.20	50.60	93.00	35039853	0.9
AR.N20.VII.171419	chr11	35136809	35137035	5.30	18.90	0.00	65.50	86.80	35136936	1.6
AR.N20.VII.171420	chr11	35233722	35233915	6.20	44.10	0.80	54.10	91.70	35233804	1.9
AR.N20.VII.171421	chr11	35282656	35282873	3.10	8.90	1.50	50.70	100.00	35282816	1.1
AR.N20.VII.171422	chr11	35316173	35316383	2.00	28.50	2.30	39.50	100.00	35316244	0.8
AR.N20.VII.171423	chr11	35886196	35886481	4.10	11.30	1.40	57.30	80.00	35886321	0.9
AR.N20.VII.171424	chr11	35928246	35928477	2.20	6.40	0.00	58.30	100.00	35928412	0.9
AR.N20.VII.171425	chr11	36296225	36296441	2.70	19.00	5.70	51.00	85.60	36296308	0.9

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171426	chr11	36446111	36446404	4.90	69.70	1.00	50.50	84.90	36446219	1.4
AR.N20.VII.171427	chr11	38511637	38511812	1.70	4.30	5.50	62.50	100.00	38511775	0.7
AR.N20.VII.171428	chr11	42734808	42735055	2.30	33.20	0.00	56.00	57.10	42734896	0.6
AR.N20.VII.171429	chr11	42802296	42802427	1.10	12.70	0.00	41.70	100.00	42802382	0.7
AR.N20.VII.171430	chr11	42822102	42822377	2.30	8.10	2.00	44.90	100.00	42822293	0.8
AR.N20.VII.171431	chr11	44637859	44638035	2.00	5.60	0.00	50.00	72.70	44637936	0.6
AR.N20.VII.171432	chr11	44844200	44844444	2.10	4.20	0.00	47.80	90.90	44844366	0.8
AR.N20.VII.171433	chr11	45744103	45744290	1.50	7.30	9.10	39.40	84.60	45744167	0.5
AR.N20.VII.171434	chr11	46252110	46252255	1.20	4.30	0.00	50.00	100.00	46252216	0.6
AR.N20.VII.171435	chr11	48020034	48020311	4.90	60.40	2.10	49.20	88.90	48020181	1.6
AR.N20.VII.171436	chr11	48033945	48034244	3.40	9.60	0.00	44.40	81.20	48034067	1.2
AR.N20.VII.171437	chr11	48971590	48971781	1.90	12.60	93.60	41.40	91.60	48971613	0.9
AR.N20.VII.171438	chr11	50704868	50704969	1.00	7.00	8.90	40.70	78.00	50704882	0.9
AR.N20.VII.171439	chr11	54787192	54787401	2.50	28.90	47.40	72.20	73.30	54787269	1
AR.N20.VII.171440	chr11	54966859	54967050	1.70	11.90	0.00	72.20	92.30	54966953	0.7
AR.N20.VII.171441	chr11	56849866	56850035	1.30	9.30	0.00	50.00	71.40	56849912	0.7
AR.N20.VII.171442	chr11	57027061	57027247	8.10	38.50	0.00	44.90	95.00	57027182	2.6
AR.N20.VII.171443	chr11	57709498	57709643	1.40	19.90	0.00	73.30	100.00	57709614	0.6
AR.N20.VII.171444	chr11	59075012	59075130	1.40	8.80	29.00	58.10	62.60	59075040	0.6
AR.N20.VII.171445	chr11	60417552	60417680	1.60	23.20	0.00	54.10	80.00	60417583	0.8
AR.N20.VII.171446	chr11	61125740	61125984	4.80	8.50	0.00	58.80	66.70	61125810	1.3
AR.N20.VII.171447	chr11	61219575	61219769	8.60	24.60	0.50	49.20	95.60	61219689	2.3
AR.N20.VII.171448	chr11	61847927	61848084	1.00	7.30	0.00	45.50	100.00	61848036	0.5
AR.N20.VII.171449	chr11	62032424	62032611	2.30	16.60	0.00	52.00	53.80	62032474	0.6
AR.N20.VII.171450	chr11	62079024	62079185	1.30	6.20	0.00	42.90	100.00	62079083	0.7
AR.N20.VII.171451	chr11	62111841	62112096	5.30	25.20	0.00	49.10	100.00	62111987	1.3
AR.N20.VII.171452	chr11	63158695	63158928	2.00	28.60	16.50	58.00	64.00	63158757	0.6
AR.N20.VII.171453	chr11	65713438	65713700	16.40	46.90	0.30	51.20	80.60	65713562	5
AR.N20.VII.171454	chr11	65872106	65872308	2.90	11.20	22.00	53.20	85.50	65872217	1.1
AR.N20.VII.171455	chr11	65897307	65897564	2.80	10.00	0.00	63.30	68.40	65897431	0.8
AR.N20.VII.171456	chr11	66242300	66242460	2.40	5.80	0.00	53.80	92.90	66242403	1
AR.N20.VII.171457	chr11	66325911	66326042	1.40	19.90	0.00	46.70	85.70	66325923	0.6
AR.N20.VII.171458	chr11	67037022	67037205	1.80	6.30	0.00	52.60	100.00	67037137	0.9
AR.N20.VII.171459	chr11	67984184	67984336	1.80	5.00	0.00	26.30	100.00	67984290	0.7
AR.N20.VII.171460	chr11	68062188	68062378	3.50	49.60	0.90	57.10	100.00	68062276	1.1
AR.N20.VII.171461	chr11	68175910	68176064	2.70	19.30	0.00	44.80	100.00	68176017	1.1
AR.N20.VII.171462	chr11	68371607	68371810	2.10	9.70	0.00	40.90	88.90	68371699	1
AR.N20.VII.171463	chr11	68630193	68630401	2.40	4.90	0.00	34.60	66.70	68630289	0.8
AR.N20.VII.171464	chr11	70263767	70264023	17.50	31.10	64.20	49.70	85.60	70263904	3
AR.N20.VII.171465	chr11	70501832	70502063	45.20	91.90	0.10	44.90	90.00	70501956	12.4
AR.N20.VII.171466	chr11	74194980	74195224	4.90	69.70	1.00	53.30	85.70	74195138	1.2
AR.N20.VII.171467	chr11	74961430	74961782	2.40	11.50	0.00	38.50	80.00	74961658	0.6
AR.N20.VII.171468	chr11	75031213	75031445	2.70	39.20	1.70	47.50	85.70	75031336	0.7
AR.N20.VII.171469	chr11	76162789	76162930	2.00	9.30	0.00	50.00	45.50	76162809	0.7
AR.N20.VII.171470	chr11	77489163	77489266	2.00	27.90	0.00	42.90	88.90	77489183	1.1
AR.N20.VII.171471	chr11	77557384	77557565	1.30	4.60	0.00	50.00	100.00	77557468	0.7
AR.N20.VII.171472	chr11	80171406	80171613	24.10	114.60	0.00	51.10	94.10	80171505	7.2
AR.N20.VII.171473	chr11	82799599	82799875	8.50	24.20	0.00	51.60	85.40	82799755	2.4
AR.N20.VII.171474	chr11	89215834	89216027	2.10	19.60	99.30	52.90	100.00	89215980	0.9
AR.N20.VII.171475	chr11	89292039	89292298	6.70	35.20	99.30	43.70	95.40	89292188	1.8
AR.N20.VII.171476	chr11	89297830	89298089	6.70	35.20	98.70	55.90	71.30	89297916	1.8
AR.N20.VII.171477	chr11	89374071	89374325	2.20	20.40	97.90	45.70	79.60	89374157	0.9
AR.N20.VII.171478	chr11	90981520	90981787	2.80	19.90	0.00	53.30	87.50	90981695	0.7
AR.N20.VII.171479	chr11	92562360	92562630	6.00	28.50	0.80	49.60	90.60	92562474	2.2
AR.N20.VII.171480	chr11	92729438	92729612	1.10	8.00	0.00	50.00	100.00	92729548	0.6
AR.N20.VII.171481	chr11	94081651	94081861	2.50	11.70	1.90	37.70	90.00	94081733	0.7
AR.N20.VII.171482	chr11	94167066	94167292	2.80	10.00	0.00	46.70	85.70	94167148	1
AR.N20.VII.171483	chr11	94218445	94218732	2.70	7.70	0.00	55.20	75.00	94218598	0.5
AR.N20.VII.171484	chr11	95566192	95566384	2.00	13.90	0.00	57.10	100.00	95566323	0.5
AR.N20.VII.171485	chr11	96986170	96986317	1.40	9.10	3.20	57.00	88.90	96986206	0.6
AR.N20.VII.171486	chr11	100008949	100009125	3.50	25.20	0.00	55.00	90.90	100009030	1.1
AR.N20.VII.171487	chr11	100266770	100266962	1.60	11.30	0.00	50.00	77.80	100266843	0.6
AR.N20.VII.171488	chr11	103699881	103700045	1.10	7.60	4.30	52.20	83.30	103699971	0.6
AR.N20.VII.171489	chr11	104844217	104844404	1.70	8.00	0.00	42.10	87.50	104844265	0.7
AR.N20.VII.171490	chr11	106537696	106537923	2.00	28.30	10.90	36.50	100.00	106537825	0.7
AR.N20.VII.171491	chr11	106600897	106601081	1.60	11.30	0.00	70.60	83.30	106600950	0.7
AR.N20.VII.171492	chr11	108447608	108447773	2.70	19.30	0.00	71.00	95.50	108447725	1.5
AR.N20.VII.171493	chr11	110513885	110514104	2.50	35.80	0.00	50.00	100.00	110514027	0.7
AR.N20.VII.171494	chr11	110681471	110681649	1.70	23.90	0.00	38.90	100.00	110681564	0.7
AR.N20.VII.171495	chr11	112715924	112716158	2.00	9.30	0.00	28.60	100.00	112716020	0.5
AR.N20.VII.171496	chr11	113505984	113506165	2.30	11.10	0.00	48.00	100.00	113506120	0.6
AR.N20.VII.171497	chr11	113535945	113536260	4.40	15.80	1.10	34.70	100.00	113536170	1
AR.N20.VII.171498	chr11	113538746	113539043	13.60	32.30	0.00	45.60	88.20	113538941	3
AR.N20.VII.171499	chr11	113539940	113540213	4.30	20.40	0.00	54.30	100.00	113540059	1.1
AR.N20.VII.171500	chr11	113555220	113555530	42.50	151.50	0.20	52.10	85.10	113555394	8.5
AR.N20.VII.171501	chr11	113854096	113854325	1.60	7.10	2.00	57.70	100.00	113854209	0.6
AR.N20.VII.171502	chr11	114596444	114596623	2.90	13.70	0.00	51.60	93.80	114596540	0.8
AR.N20.VII.171503	chr11	116447282	116447481	4.70	33.60	1.30	62.60	77.30	116447396	1.4
AR.N20.VII.171504	chr11	119899080	119899299	3.40	23.90	0.00	47.20	76.50	119899208	1
AR.N20.VII.171505	chr11	120417057	120417329	5.80	20.70	0.80	51.20	84.40	120417186	1.6
AR.N20.VII.171506	chr11	120676281	120676511	3.30	23.20	0.00	52.80	100.00	120676422	1
AR.N20.VII.171507	chr11	121025821	121025940	1.00	14.60	0.00	27.30	100.00	121025895	0.6
AR.N20.VII.171508	chr11	124257713	124257889	1.40	5.00	0.00	46.70	71.40	124257785	0.6
AR.N20.VII.171509	chr11	124414924	124415055	1.10	15.90	0.00	41.70	100.00	124415009	0.5
AR.N20.VII.171510	chr11	124649538	124649782	2.40	11.50	0.00	69.20	88.90	124649710	0.9

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171511	chr11	125919453	125919668	1.70	23.90	0.00	50.00	100.00	125919569	0.5
AR.N20.VII.171512	chr11	128256503	128256732	9.50	67.40	0.50	52.70	87.20	128256595	2.4
AR.N20.VII.171513	chr11	128292348	128292572	1.80	6.30	0.00	45.50	80.00	128292393	0.6
AR.N20.VII.171514	chr11	128739384	128739550	2.10	7.60	0.00	33.30	100.00	128739467	0.6
AR.N20.VII.171515	chr11	128913523	128913739	4.80	9.70	0.00	47.10	54.20	128913573	1.3
AR.N20.VII.171516	chr11	129400559	129400742	14.60	207.40	0.00	42.90	100.00	129400643	4.7
AR.N20.VII.171517	chr11	129805196	129805395	4.80	17.30	0.00	48.10	76.00	129805265	1.8
AR.N20.VII.171518	chr11	130013814	130014001	2.00	7.00	0.00	54.50	75.00	130013894	0.7
AR.N20.VII.171519	chr11	130790930	130791164	4.50	64.40	1.00	46.50	69.60	130790999	1.3
AR.N20.VII.171520	chr11	132758788	132759085	4.90	23.50	0.00	50.00	92.60	132758971	0.9
AR.N20.VII.171521	chr11	133633849	133634036	1.70	8.00	0.00	44.40	100.00	133633991	0.7
AR.N20.VII.171522	chr11	133872756	133872968	13.40	95.30	0.30	58.70	83.70	133872839	5.1
AR.N20.VII.171523	chr11	133902508	133902781	3.80	27.20	2.50	50.40	95.30	133902673	0.9
AR.N20.VII.171524	chr12	808581	808753	2.40	34.30	3.20	60.00	58.10	808628	0.6
AR.N20.VII.171525	chr12	1915937	1916177	5.60	11.50	0.80	36.40	100.00	1916052	2.2
AR.N20.VII.171526	chr12	2642071	2642197	1.60	22.60	0.00	58.80	100.00	2642127	1
AR.N20.VII.171527	chr12	2754914	2755241	7.50	15.20	0.00	48.10	97.40	2755121	2.4
AR.N20.VII.171528	chr12	4836995	4837150	1.70	8.00	5.60	55.60	100.00	4837103	0.5
AR.N20.VII.171529	chr12	5327588	5327816	1.50	7.10	0.00	56.20	100.00	5327740	0.6
AR.N20.VII.171530	chr12	6000499	6000754	1.90	13.60	22.00	58.50	75.00	6000551	0.6
AR.N20.VII.171531	chr12	6246593	6246799	1.60	7.50	0.00	70.60	83.30	6246714	0.6
AR.N20.VII.171532	chr12	6355551	6355817	2.00	4.60	0.00	57.10	100.00	6355778	0.6
AR.N20.VII.171533	chr12	6629967	6630163	1.20	17.30	0.00	30.80	100.00	6630010	0.6
AR.N20.VII.171534	chr12	7838562	7838860	2.40	10.60	96.20	52.20	82.90	7838694	0.5
AR.N20.VII.171535	chr12	7940585	7940817	2.10	9.20	86.20	52.00	98.60	7940749	0.6
AR.N20.VII.171536	chr12	7942372	7942668	2.40	10.30	98.70	51.00	82.10	7942502	0.5
AR.N20.VII.171537	chr12	8034841	8034983	1.10	8.00	0.00	25.00	100.00	8034935	0.6
AR.N20.VII.171538	chr12	8309734	8309790	8.00	114.20	0.00	32.30	100.00	8309743	8
AR.N20.VII.171539	chr12	11667657	11667885	1.60	5.60	0.00	64.70	90.90	11667779	0.6
AR.N20.VII.171540	chr12	11728349	11728503	1.10	8.00	0.00	41.70	80.00	11728376	0.6
AR.N20.VII.171541	chr12	13179959	13180336	3.40	4.80	0.00	58.60	95.30	13180263	0.7
AR.N20.VII.171542	chr12	13774557	13774749	2.00	9.50	2.30	60.50	84.60	13774589	0.8
AR.N20.VII.171543	chr12	13998219	13998380	1.20	17.30	0.00	38.50	100.00	13998287	0.6
AR.N20.VII.171544	chr12	15319015	15319173	1.60	22.60	0.00	64.70	90.90	15319089	0.7
AR.N20.VII.171545	chr12	15864299	15864540	2.00	13.90	0.00	47.60	80.00	15864411	0.6
AR.N20.VII.171546	chr12	16518184	16518423	2.40	17.30	0.00	46.20	91.70	16518310	0.6
AR.N20.VII.171547	chr12	17238456	17238681	2.10	29.20	0.00	45.50	100.00	17238595	0.7
AR.N20.VII.171548	chr12	20745018	20745161	2.20	15.90	0.00	58.30	92.90	20745089	0.8
AR.N20.VII.171549	chr12	21395223	21395509	3.60	51.80	0.00	56.40	68.20	21395311	1.1
AR.N20.VII.171550	chr12	22804545	22804761	1.70	8.00	0.00	72.20	69.20	22804650	0.6
AR.N20.VII.171551	chr12	22808003	22808174	1.40	19.90	0.00	73.30	100.00	22808140	0.6
AR.N20.VII.171552	chr12	23231191	23231517	4.10	19.30	1.50	50.80	82.00	23231331	1
AR.N20.VII.171553	chr12	26840202	26840373	3.60	17.30	0.00	59.00	91.30	26840286	0.9
AR.N20.VII.171554	chr12	27583399	27583585	2.30	32.50	2.00	63.30	93.50	27583509	0.7
AR.N20.VII.171555	chr12	27694761	27695018	1.40	9.60	3.40	58.60	100.00	27694886	0.5
AR.N20.VII.171556	chr12	27909433	27909663	1.90	26.60	0.00	55.00	100.00	27909565	0.6
AR.N20.VII.171557	chr12	28275494	28275737	2.70	19.60	1.70	52.50	100.00	28275653	0.7
AR.N20.VII.171558	chr12	28549969	28550174	1.50	5.30	0.00	43.80	85.70	28550019	0.6
AR.N20.VII.171559	chr12	29607846	29608086	2.50	17.90	0.00	51.90	100.00	29607972	0.8
AR.N20.VII.171560	chr12	29779052	29779253	2.00	27.90	0.00	54.50	100.00	29779188	0.5
AR.N20.VII.171561	chr12	30380303	30380514	2.40	16.90	2.00	56.90	72.40	30380388	0.7
AR.N20.VII.171562	chr12	31504284	31504525	2.80	10.00	0.00	46.70	85.70	31504463	1.1
AR.N20.VII.171563	chr12	32312231	32312529	3.00	24.80	8.70	63.00	85.00	32312439	1.1
AR.N20.VII.171564	chr12	32724579	32724801	2.80	13.30	0.00	50.00	100.00	32724707	1
AR.N20.VII.171565	chr12	33626056	33626197	1.30	9.30	0.00	57.10	100.00	33626141	0.6
AR.N20.VII.171566	chr12	33809916	33810046	1.50	7.10	0.00	62.50	80.00	33810008	0.7
AR.N20.VII.171567	chr12	37235762	37235944	1.60	11.30	5.90	51.00	100.00	37235846	0.7
AR.N20.VII.171568	chr12	39315135	39315266	1.10	5.30	0.00	58.30	57.10	39315148	0.6
AR.N20.VII.171569	chr12	39575492	39575658	6.70	21.90	2.30	44.00	96.80	39575592	2.6
AR.N20.VII.171570	chr12	39741338	39741511	2.10	19.50	0.00	54.50	66.70	39741431	0.6
AR.N20.VII.171571	chr12	40692234	40692420	8.90	31.90	0.00	48.00	89.40	40692304	2.7
AR.N20.VII.171572	chr12	41545521	41545704	1.70	11.90	0.00	44.40	100.00	41545607	0.7
AR.N20.VII.171573	chr12	41595564	41595862	3.70	26.60	0.00	57.50	69.60	41595711	0.8
AR.N20.VII.171574	chr12	45173991	45174259	5.70	81.30	0.40	49.00	76.70	45174116	1.5
AR.N20.VII.171575	chr12	45473025	45473283	5.10	24.30	0.00	56.40	96.80	45473186	1.8
AR.N20.VII.171576	chr12	45713171	45713327	1.80	8.40	0.00	57.90	90.90	45713251	0.8
AR.N20.VII.171577	chr12	49393494	49393681	11.60	82.60	0.40	50.20	81.60	49393535	3.8
AR.N20.VII.171578	chr12	50806537	50807154	17.20	24.60	0.00	53.20	73.70	50806663	3.2
AR.N20.VII.171579	chr12	51363098	51363301	2.00	27.90	0.00	61.90	61.50	51363149	0.6
AR.N20.VII.171580	chr12	51854957	51855193	2.30	16.60	0.00	48.00	91.70	51855054	0.5
AR.N20.VII.171581	chr12	52696714	52696909	2.70	9.60	0.00	41.40	91.70	52696787	1.2
AR.N20.VII.171582	chr12	53136253	53136407	3.20	45.10	0.00	55.90	100.00	53136329	1.2
AR.N20.VII.171583	chr12	53476837	53477001	3.40	23.90	0.00	54.10	85.00	53476898	1.2
AR.N20.VII.171584	chr12	54383417	54383592	1.40	5.10	3.20	48.40	86.70	54383511	0.6
AR.N20.VII.171585	chr12	54589285	54589495	1.70	11.90	0.00	72.20	69.20	54589354	0.6
AR.N20.VII.171586	chr12	55958605	55958828	4.00	57.10	0.00	44.20	89.50	55958738	1.3
AR.N20.VII.171587	chr12	56800303	56800474	1.40	10.00	0.00	53.30	100.00	56800379	0.6
AR.N20.VII.171588	chr12	57710537	57710786	2.40	8.60	0.00	57.70	100.00	57710704	0.8
AR.N20.VII.171589	chr12	63109104	63109304	3.20	15.00	0.00	55.90	84.20	63109159	1
AR.N20.VII.171590	chr12	63270341	63270573	5.00	35.50	0.90	47.70	84.30	63270425	1.5
AR.N20.VII.171591	chr12	63314117	63314241	1.40	9.20	5.80	27.80	97.00	63314188	0.7
AR.N20.VII.171592	chr12	64247987	64248254	6.40	15.10	0.50	53.20	100.00	64248157	1.9
AR.N20.VII.171593	chr12	65251896	65252044	1.40	6.60	0.00	53.30	100.00	65251947	0.6
AR.N20.VII.171594	chr12	69080299	69080465	1.40	6.60	0.00	53.30	100.00	69080382	0.5
AR.N20.VII.171595	chr12	69843343	69843488	1.30	9.30	0.00	42.90	83.30	69843420	0.5

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171596	chr12	70401935	70402116	1.40	6.60	0.00	73.30	81.80	70402069	0.5
AR.N20.VII.171597	chr12	70467001	70467260	2.20	31.90	0.00	54.20	100.00	70467154	0.9
AR.N20.VII.171598	chr12	71733987	71734227	11.00	156.70	0.00	50.40	100.00	71734143	2.8
AR.N20.VII.171599	chr12	72515352	72515480	1.10	15.90	0.00	66.70	75.00	72515370	0.7
AR.N20.VII.171600	chr12	72997247	72997411	1.80	25.20	0.00	57.90	72.70	72997290	0.6
AR.N20.VII.171601	chr12	73660787	73661023	2.30	33.20	0.00	40.00	90.00	73660918	0.6
AR.N20.VII.171602	chr12	73722365	73722461	1.10	15.90	0.00	50.00	83.30	73722393	0.6
AR.N20.VII.171603	chr12	73809417	73809630	2.10	29.90	2.20	53.30	83.30	73809497	0.7
AR.N20.VII.171604	chr12	75338160	75338413	2.00	13.90	0.00	52.40	81.80	75338290	0.5
AR.N20.VII.171605	chr12	77717652	77717847	6.90	24.60	0.00	62.20	78.30	77717724	2.2
AR.N20.VII.171606	chr12	78949772	78949973	1.80	25.60	1.30	46.80	100.00	78949875	0.8
AR.N20.VII.171607	chr12	79238153	79238533	3.30	15.50	0.00	45.70	56.20	79238232	0.7
AR.N20.VII.171608	chr12	79503237	79503412	3.60	25.90	0.00	37.50	100.00	79503328	1.4
AR.N20.VII.171609	chr12	80544419	80544635	2.60	18.60	3.60	53.60	90.00	80544512	0.7
AR.N20.VII.171610	chr12	80917435	80917631	2.40	17.30	3.80	69.20	94.40	80917517	0.8
AR.N20.VII.171611	chr12	85183083	85183235	1.70	6.10	2.70	42.90	50.00	85183107	0.7
AR.N20.VII.171612	chr12	87440952	87441146	5.20	37.20	0.00	46.40	100.00	87441047	1.7
AR.N20.VII.171613	chr12	87719250	87719402	1.30	18.60	0.00	42.90	100.00	87719332	0.6
AR.N20.VII.171614	chr12	88945172	88945311	2.60	13.60	2.30	33.10	89.10	88945205	1.2
AR.N20.VII.171615	chr12	89084759	89084909	1.00	14.60	0.00	45.50	100.00	89084826	0.6
AR.N20.VII.171616	chr12	89795754	89795966	3.00	27.00	11.40	42.10	72.80	89795817	1.3
AR.N20.VII.171617	chr12	90636299	90636555	2.20	31.90	0.00	45.80	100.00	90636489	0.6
AR.N20.VII.171618	chr12	90948631	90948851	4.30	15.30	0.00	37.00	94.10	90948755	1.3
AR.N20.VII.171619	chr12	92470369	92470631	1.80	4.30	2.60	66.70	76.90	92470487	0.5
AR.N20.VII.171620	chr12	92731896	92732234	11.20	53.30	0.40	61.00	94.60	92732132	2.6
AR.N20.VII.171621	chr12	92861619	92861852	3.00	21.40	0.00	53.10	88.30	92861728	0.7
AR.N20.VII.171622	chr12	93070706	93070855	1.20	8.60	0.00	42.90	100.00	93070803	0.5
AR.N20.VII.171623	chr12	93480016	93480246	2.10	14.60	0.00	59.10	84.60	93480104	0.6
AR.N20.VII.171624	chr12	93510021	93510312	6.00	85.10	0.20	45.30	82.40	93510114	1.3
AR.N20.VII.171625	chr12	93807567	93807732	2.40	17.30	0.00	42.30	90.90	93807668	0.6
AR.N20.VII.171626	chr12	94496756	94496833	1.00	14.60	0.00	54.50	100.00	94496778	0.7
AR.N20.VII.171627	chr12	94635868	94636027	1.20	4.30	0.00	46.20	83.30	94635957	0.6
AR.N20.VII.171628	chr12	94656115	94656378	1.80	12.60	0.00	52.60	100.00	94656288	0.6
AR.N20.VII.171629	chr12	96486652	96486926	3.60	17.30	0.00	46.20	72.20	96486715	0.9
AR.N20.VII.171630	chr12	97422073	97422236	2.10	4.40	20.20	40.30	96.40	97422171	0.8
AR.N20.VII.171631	chr12	98650099	98650315	1.60	7.80	3.00	60.10	90.50	98650194	0.5
AR.N20.VII.171632	chr12	98992720	98992960	10.00	35.50	0.00	48.60	87.00	98992808	2.5
AR.N20.VII.171633	chr12	100534114	100534242	1.80	25.20	0.00	57.90	81.80	100534184	0.6
AR.N20.VII.171634	chr12	101260600	101260759	4.20	29.90	0.00	46.70	100.00	101260667	1.4
AR.N20.VII.171635	chr12	101421010	101421298	3.50	25.20	0.00	57.90	95.50	101421177	1.1
AR.N20.VII.171636	chr12	102291058	102291230	1.70	6.00	0.00	50.00	55.60	102291110	0.6
AR.N20.VII.171637	chr12	103543030	103543208	2.70	38.50	0.00	56.70	64.70	103543111	0.7
AR.N20.VII.171638	chr12	105700636	105700789	1.70	11.90	0.00	50.00	100.00	105700744	0.7
AR.N20.VII.171639	chr12	109712685	109712809	1.00	14.60	0.00	50.00	100.00	109712747	0.6
AR.N20.VII.171640	chr12	109989833	109990103	39.70	80.70	0.10	50.90	78.40	109989928	10.4
AR.N20.VII.171641	chr12	111174508	111174651	2.10	29.20	0.00	34.80	100.00	111174608	0.8
AR.N20.VII.171642	chr12	111228177	111228432	3.70	6.60	1.30	50.60	80.00	111228292	1.1
AR.N20.VII.171643	chr12	113833538	113833718	1.30	9.30	7.00	27.10	100.00	113833653	0.5
AR.N20.VII.171644	chr12	114414178	114414337	1.20	8.60	0.00	46.20	100.00	114414290	0.6
AR.N20.VII.171645	chr12	114739707	114740036	4.00	11.40	0.00	53.50	91.30	114739840	1
AR.N20.VII.171646	chr12	115327607	115327728	1.50	10.60	0.00	50.00	87.50	115327653	0.7
AR.N20.VII.171647	chr12	115559121	115559418	2.90	13.70	0.00	61.30	73.70	115559263	0.7
AR.N20.VII.171648	chr12	115960587	115960741	1.90	26.60	0.00	33.30	100.00	115960639	0.6
AR.N20.VII.171649	chr12	118638828	118639074	4.50	31.90	0.00	58.30	85.70	118638972	1.3
AR.N20.VII.171650	chr12	122448987	122449219	5.70	27.00	0.00	60.70	86.50	122449105	1.7
AR.N20.VII.171651	chr12	123181211	123181503	2.80	6.60	0.00	46.70	85.70	123181360	0.9
AR.N20.VII.171652	chr12	123570756	123571090	5.30	9.50	0.00	52.60	63.30	123570874	1.3
AR.N20.VII.171653	chr12	130563847	130564090	1.90	8.90	0.00	45.00	55.60	130563958	0.5
AR.N20.VII.171654	chr12	130947099	130947268	1.80	6.30	0.00	31.60	100.00	130947219	0.8
AR.N20.VII.171655	chr12	131430258	131430443	1.90	13.30	0.00	55.00	90.90	131430381	0.7
AR.N20.VII.171656	chr12	131437991	131438150	1.30	6.20	0.00	42.90	83.30	131438099	0.6
AR.N20.VII.171657	chr12	131581011	131581160	1.50	4.20	0.00	70.60	75.00	131581090	0.6
AR.N20.VII.171658	chr12	131914916	131915236	4.10	5.30	0.00	52.30	69.60	131915069	1.1
AR.N20.VII.171659	chr13	20505672	20505846	1.60	7.50	0.00	70.60	100.00	20505814	0.7
AR.N20.VII.171660	chr13	23194834	23195047	3.40	47.80	0.00	52.80	100.00	23194976	0.9
AR.N20.VII.171661	chr13	23674459	23674685	10.00	142.10	0.00	48.60	98.10	23674553	3
AR.N20.VII.171662	chr13	24968672	24968990	3.40	47.80	0.00	52.80	100.00	24968910	1
AR.N20.VII.171663	chr13	25450438	25450699	2.20	15.90	0.00	37.50	88.90	25450566	0.6
AR.N20.VII.171664	chr13	26107892	26108080	2.60	12.40	14.10	53.30	100.00	26108004	0.8
AR.N20.VII.171665	chr13	26383092	26383233	1.20	17.30	0.00	46.70	100.00	26383206	0.5
AR.N20.VII.171666	chr13	27438184	27438354	1.50	21.20	0.00	37.50	100.00	27438268	0.6
AR.N20.VII.171667	chr13	29719866	29720049	2.20	31.90	0.00	50.00	100.00	29719968	1.1
AR.N20.VII.171668	chr13	30565108	30565394	1.90	6.60	0.00	55.00	90.90	30565271	0.5
AR.N20.VII.171669	chr13	31085286	31085441	1.30	6.30	2.30	37.20	100.00	31085387	0.7
AR.N20.VII.171670	chr13	32700079	32700322	1.90	13.30	0.00	65.00	76.90	32700133	0.6
AR.N20.VII.171671	chr13	33807823	33808035	9.00	128.80	0.00	43.90	74.40	33807898	2.2
AR.N20.VII.171672	chr13	34299500	34299591	1.00	7.30	0.00	54.50	100.00	34299564	0.6
AR.N20.VII.171673	chr13	35774417	35774701	2.40	17.30	0.00	55.60	100.00	35774655	0.7
AR.N20.VII.171674	chr13	38415424	38415601	2.30	16.60	4.00	57.70	100.00	38415570	0.8
AR.N20.VII.171675	chr13	39948847	39948943	1.20	17.30	0.00	53.80	57.10	39948867	0.6
AR.N20.VII.171676	chr13	40532270	40532490	2.70	6.40	0.00	51.70	80.00	40532343	0.9
AR.N20.VII.171677	chr13	42025881	42026088	2.40	34.50	0.00	57.70	86.70	42025974	0.7
AR.N20.VII.171678	chr13	42396529	42396739	17.90	84.80	0.30	51.60	91.10	42396614	6
AR.N20.VII.171679	chr13	43691153	43691336	8.20	58.40	0.00	53.40	100.00	43691242	2.6
AR.N20.VII.171680	chr13	44326736	44327068	3.40	9.60	0.00	25.00	88.90	44326971	0.7

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171681	chr13	44394696	44394916	9.10	130.10	1.00	58.90	94.10	44394816	2.9
AR.N20.VII.171682	chr13	44540262	44540462	2.00	9.30	0.00	57.10	91.70	44540340	0.8
AR.N20.VII.171683	chr13	44812531	44812735	2.00	13.90	0.00	71.40	60.00	44812574	0.6
AR.N20.VII.171684	chr13	49330804	49330983	2.70	38.50	0.00	41.40	100.00	49330893	1.1
AR.N20.VII.171685	chr13	49838420	49838602	2.00	13.90	0.00	66.70	100.00	49838516	0.6
AR.N20.VII.171686	chr13	50796461	50796598	2.00	7.00	0.00	66.70	57.10	50796504	0.7
AR.N20.VII.171687	chr13	50869555	50869766	1.30	9.30	0.00	35.70	100.00	50869693	0.6
AR.N20.VII.171688	chr13	50992091	50992356	2.50	17.90	0.00	44.40	91.70	50992297	0.7
AR.N20.VII.171689	chr13	51590171	51590413	2.70	19.30	0.00	55.20	100.00	51590276	0.7
AR.N20.VII.171690	chr13	51724972	51725153	2.20	10.20	51.30	49.80	82.60	51725079	0.8
AR.N20.VII.171691	chr13	51846640	51846782	1.90	13.30	32.50	57.50	100.00	51846725	0.7
AR.N20.VII.171692	chr13	52025602	52025772	2.60	18.80	41.40	31.20	88.70	52025687	1.2
AR.N20.VII.171693	chr13	52669712	52669835	1.70	23.90	0.00	66.70	58.30	52669732	0.7
AR.N20.VII.171694	chr13	59481705	59481876	1.30	6.20	0.00	64.30	88.90	59481760	0.6
AR.N20.VII.171695	chr13	62194210	62194318	1.50	10.60	0.00	52.90	77.80	62194246	0.7
AR.N20.VII.171696	chr13	63728985	63729171	2.50	35.80	0.00	35.70	70.00	63729050	0.7
AR.N20.VII.171697	chr13	75112883	75113060	1.70	11.90	0.00	44.40	100.00	75112996	0.6
AR.N20.VII.171698	chr13	75308705	75308894	2.40	8.60	0.00	46.20	100.00	75308831	0.7
AR.N20.VII.171699	chr13	76527417	76527593	1.70	11.90	0.00	55.60	70.00	76527471	0.5
AR.N20.VII.171700	chr13	76615781	76616021	1.70	12.10	12.30	50.70	100.00	76615939	0.6
AR.N20.VII.171701	chr13	82537401	82537623	2.40	8.60	0.00	53.80	92.90	82537521	0.9
AR.N20.VII.171702	chr13	87640090	87640280	1.50	10.60	0.00	35.30	100.00	87640241	0.6
AR.N20.VII.171703	chr13	88398864	88399085	7.70	110.20	0.00	46.40	100.00	88399035	2
AR.N20.VII.171704	chr13	90691541	90691735	1.20	17.30	0.00	53.80	85.70	90691641	0.6
AR.N20.VII.171705	chr13	93391696	93391796	1.50	5.50	3.00	57.60	100.00	93391737	0.8
AR.N20.VII.171706	chr13	94718424	94718611	2.30	32.30	20.60	44.90	100.00	94718511	0.9
AR.N20.VII.171707	chr13	98544346	98544561	2.90	41.20	0.00	45.20	71.40	98544426	0.8
AR.N20.VII.171708	chr13	101917286	101917459	3.30	23.20	0.00	60.00	90.50	101917356	1
AR.N20.VII.171709	chr13	101953792	101954040	3.20	45.10	0.00	47.10	93.80	101953907	0.9
AR.N20.VII.171710	chr13	102845164	102845322	2.00	13.90	0.00	42.90	100.00	102845259	0.9
AR.N20.VII.171711	chr13	103824916	103825071	2.90	41.20	0.00	35.50	100.00	103824995	1
AR.N20.VII.171712	chr13	105266955	105267195	2.90	41.80	1.60	60.30	89.50	105267110	0.8
AR.N20.VII.171713	chr13	105546992	105547179	1.50	10.60	0.00	50.00	87.50	105547090	0.6
AR.N20.VII.171714	chr13	106187463	106187694	7.50	26.90	0.00	42.60	94.20	106187577	2.1
AR.N20.VII.171715	chr13	106717255	106717466	2.70	12.80	0.00	36.70	100.00	106717388	0.7
AR.N20.VII.171716	chr13	108846751	108846907	1.40	10.00	0.00	40.00	50.00	108846772	0.6
AR.N20.VII.171717	chr13	108959967	108960213	21.50	102.20	18.20	49.80	91.40	108960070	5.3
AR.N20.VII.171718	chr13	109465292	109465514	3.40	23.90	0.00	52.80	68.40	109465354	0.7
AR.N20.VII.171719	chr13	110076066	110076236	1.30	9.30	0.00	42.90	100.00	110076172	0.5
AR.N20.VII.171720	chr13	110698053	110698282	1.80	8.40	0.00	36.80	57.10	110698088	0.7
AR.N20.VII.171721	chr13	111076846	111077007	1.80	10.10	0.00	52.60	80.00	111076923	0.5
AR.N20.VII.171722	chr13	111109098	111109354	3.00	42.50	0.00	37.50	83.30	111109180	0.7
AR.N20.VII.171723	chr13	112100165	112100349	1.40	8.20	45.20	41.90	84.60	112100272	0.6
AR.N20.VII.171724	chr14	20221253	20221370	1.30	5.10	22.20	31.00	100.00	20221333	0.6
AR.N20.VII.171725	chr14	21141709	21141913	1.30	9.30	0.00	50.00	85.70	21141733	0.6
AR.N20.VII.171726	chr14	21206605	21206739	1.10	8.00	0.00	58.30	100.00	21206682	0.6
AR.N20.VII.171727	chr14	22099827	22100093	1.90	4.40	0.00	55.00	81.80	22099994	0.6
AR.N20.VII.171728	chr14	23434150	23434315	1.10	15.00	0.00	64.70	72.70	23434220	0.6
AR.N20.VII.171729	chr14	23516362	23516524	2.00	6.30	97.70	67.40	89.70	23516409	0.8
AR.N20.VII.171730	chr14	23559136	23559298	2.40	6.20	82.40	56.90	89.70	23559183	0.8
AR.N20.VII.171731	chr14	24493414	24493620	7.10	33.90	0.70	36.30	96.50	24493491	2.3
AR.N20.VII.171732	chr14	25161903	25162086	1.60	7.70	0.00	71.40	100.00	25161969	0.8
AR.N20.VII.171733	chr14	26638683	26638986	2.90	8.40	1.60	52.40	63.60	26638785	0.5
AR.N20.VII.171734	chr14	28491739	28492085	2.60	10.60	0.00	39.30	81.80	28491985	0.5
AR.N20.VII.171735	chr14	30525953	30526180	1.70	23.90	0.00	50.00	100.00	30526076	0.6
AR.N20.VII.171736	chr14	33029594	33029798	1.80	5.00	0.00	42.10	75.00	33029679	0.6
AR.N20.VII.171737	chr14	33793092	33793244	3.20	22.60	0.00	61.80	81.00	33793127	1.3
AR.N20.VII.171738	chr14	34918292	34918487	2.10	29.20	0.00	40.90	88.90	34918384	0.6
AR.N20.VII.171739	chr14	34942890	34943184	4.40	12.60	1.10	50.50	54.20	34942977	1
AR.N20.VII.171740	chr14	35468190	35468473	6.10	43.20	3.10	50.70	84.80	35468323	1.4
AR.N20.VII.171741	chr14	35969834	35970044	2.20	10.60	0.00	36.00	100.00	35969973	0.8
AR.N20.VII.171742	chr14	36906735	36906903	2.10	9.70	0.00	54.50	100.00	36906781	0.7
AR.N20.VII.171743	chr14	48404945	48405098	3.00	43.10	1.50	46.20	86.70	48405054	0.9
AR.N20.VII.171744	chr14	49178353	49178584	3.90	11.20	0.00	50.00	85.70	49178492	1.3
AR.N20.VII.171745	chr14	50300209	50300389	2.00	13.90	0.00	66.70	100.00	50300275	0.8
AR.N20.VII.171746	chr14	50631457	50631615	1.10	5.30	0.00	58.30	71.40	50631521	0.6
AR.N20.VII.171747	chr14	50919042	50919192	1.60	7.50	0.00	52.90	100.00	50919124	0.6
AR.N20.VII.171748	chr14	52082209	52082406	3.80	18.10	2.40	47.60	94.90	52082289	1.1
AR.N20.VII.171749	chr14	54074627	54074771	1.70	8.00	0.00	66.70	75.00	54074669	0.6
AR.N20.VII.171750	chr14	54351576	54351858	2.40	5.80	0.00	57.00	66.70	54351731	0.6
AR.N20.VII.171751	chr14	55593542	55593754	1.80	6.30	0.00	47.40	100.00	55593654	0.6
AR.N20.VII.171752	chr14	56390944	56391113	4.20	59.70	0.00	55.60	88.00	56391006	1.5
AR.N20.VII.171753	chr14	57355111	57355336	2.60	18.60	0.00	39.30	90.90	57355194	0.7
AR.N20.VII.171754	chr14	58012870	58013059	2.90	41.20	0.00	45.20	100.00	58012960	0.7
AR.N20.VII.171755	chr14	60975407	60975569	1.50	10.60	0.00	43.80	100.00	60975446	0.7
AR.N20.VII.171756	chr14	61082305	61082485	3.30	15.50	0.00	51.40	100.00	61082402	0.8
AR.N20.VII.171757	chr14	64051666	64051933	2.50	35.80	0.00	55.60	53.30	64051767	0.6
AR.N20.VII.171758	chr14	64058259	64058389	1.20	17.30	0.00	46.20	83.30	64058317	0.7
AR.N20.VII.171759	chr14	64286485	64286698	4.80	22.60	0.00	47.10	91.70	64286629	1.5
AR.N20.VII.171760	chr14	64654906	64655116	5.20	12.40	0.00	64.90	97.30	64655009	1.8
AR.N20.VII.171761	chr14	67087677	67087827	2.70	19.30	0.00	58.60	100.00	67087761	1.2
AR.N20.VII.171762	chr14	69526903	69527049	1.90	13.30	0.00	50.00	100.00	69526980	0.7
AR.N20.VII.171763	chr14	69604384	69604539	1.10	8.00	0.00	75.00	88.90	69604477	0.6
AR.N20.VII.171764	chr14	70491381	70491539	2.00	13.90	0.00	61.90	76.90	70491452	0.6
AR.N20.VII.171765	chr14	70599337	70599622	2.40	23.00	7.60	66.10	76.70	70599444	0.9

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171766	chr14	72673980	72674140	2.00	7.10	2.30	32.60	100.00	72674047	0.7
AR.N20.VII.171767	chr14	72823485	72823629	1.70	8.00	0.00	42.10	100.00	72823600	0.7
AR.N20.VII.171768	chr14	73197001	73197265	8.00	114.20	0.00	51.20	97.70	73197161	2.5
AR.N20.VII.171769	chr14	73291521	73291782	2.10	7.30	0.00	50.00	72.70	73291616	0.7
AR.N20.VII.171770	chr14	74790994	74791161	1.10	5.30	0.00	41.70	80.00	74791078	0.5
AR.N20.VII.171771	chr14	75072051	75072284	9.90	140.70	0.00	48.10	98.10	75072164	2.8
AR.N20.VII.171772	chr14	75102359	75102714	5.00	14.30	0.00	44.30	62.50	75102524	1
AR.N20.VII.171773	chr14	75253877	75254129	2.70	19.30	0.00	48.30	64.30	75253987	0.8
AR.N20.VII.171774	chr14	76612530	76612683	1.80	8.40	5.30	34.20	84.60	76612558	0.6
AR.N20.VII.171775	chr14	78610622	78610883	1.40	10.00	6.70	46.70	85.70	78610750	0.7
AR.N20.VII.171776	chr14	78861304	78861511	2.70	7.70	0.00	44.80	100.00	78861419	0.9
AR.N20.VII.171777	chr14	79590164	79590469	2.70	8.40	8.50	47.50	57.10	79590259	0.6
AR.N20.VII.171778	chr14	80124290	80124516	4.60	32.50	0.00	42.90	100.00	80124426	1.5
AR.N20.VII.171779	chr14	80902364	80902678	3.70	7.60	0.00	47.10	100.00	80902544	1.6
AR.N20.VII.171780	chr14	80937014	80937205	2.90	13.70	0.00	35.50	63.60	80937056	0.8
AR.N20.VII.171781	chr14	83790372	83790585	3.40	12.30	0.00	43.20	100.00	83790497	1.4
AR.N20.VII.171782	chr14	85407138	85407348	2.40	16.90	2.00	34.80	77.80	85407197	0.9
AR.N20.VII.171783	chr14	90827195	90827357	3.30	23.20	0.00	57.10	90.00	90827250	1.4
AR.N20.VII.171784	chr14	90903641	90903811	2.20	10.40	2.10	36.20	100.00	90903730	0.8
AR.N20.VII.171785	chr14	91140637	91140895	3.20	22.00	79.60	53.00	86.80	91140734	1
AR.N20.VII.171786	chr14	91624729	91624862	2.20	31.90	0.00	33.30	100.00	91624821	0.9
AR.N20.VII.171787	chr14	91845026	91845150	1.20	5.80	0.00	38.50	100.00	91845106	0.7
AR.N20.VII.171788	chr14	92255970	92256180	2.00	5.60	0.00	47.60	90.00	92256072	0.6
AR.N20.VII.171789	chr14	92523557	92523764	2.10	15.30	0.00	41.70	100.00	92523709	1.2
AR.N20.VII.171790	chr14	92579568	92579826	2.00	4.80	2.30	51.20	72.70	92579693	0.6
AR.N20.VII.171791	chr14	93932172	93932371	1.90	8.90	0.00	50.00	100.00	93932249	0.6
AR.N20.VII.171792	chr14	94101027	94101190	3.40	49.10	0.00	32.40	91.70	94101095	1.4
AR.N20.VII.171793	chr14	94135367	94135524	1.60	22.60	0.00	64.70	90.90	94135467	0.7
AR.N20.VII.171794	chr14	95423465	95423698	4.80	17.30	0.00	50.00	100.00	95423639	1.3
AR.N20.VII.171795	chr14	97840719	97841012	3.80	54.40	0.00	56.10	100.00	97840865	1.2
AR.N20.VII.171796	chr14	98728259	98728422	1.70	6.00	0.00	38.90	100.00	98728336	0.6
AR.N20.VII.171797	chr14	98894003	98894110	1.60	11.30	0.00	61.10	81.80	98894051	0.7
AR.N20.VII.171798	chr14	99011384	99011586	2.10	7.30	0.00	39.10	100.00	99011503	0.8
AR.N20.VII.171799	chr14	99115263	99115537	10.30	24.40	0.30	54.70	91.20	99115412	3.2
AR.N20.VII.171800	chr14	99221510	99221724	2.40	11.50	0.00	53.80	71.40	99221618	0.6
AR.N20.VII.171801	chr14	99503002	99503225	6.90	23.40	0.70	52.10	73.00	99503079	1.9
AR.N20.VII.171802	chr14	99576125	99576320	3.70	14.10	5.60	33.00	100.00	99576251	0.9
AR.N20.VII.171803	chr14	101041748	101041987	13.50	38.40	0.30	47.10	92.70	101041850	3.7
AR.N20.VII.171804	chr14	102941066	102941203	1.00	14.60	0.00	54.50	100.00	102941158	0.5
AR.N20.VII.171805	chr14	103061655	103061851	2.10	5.30	16.00	54.90	96.70	103061787	0.8
AR.N20.VII.171806	chr14	103156948	103157088	1.20	16.80	5.10	44.20	100.00	103157015	0.7
AR.N20.VII.171807	chr14	104120199	104120337	2.10	14.60	0.00	54.50	83.30	104120250	0.7
AR.N20.VII.171808	chr14	106325548	106325779	2.50	17.60	1.90	43.40	100.00	106325676	0.6
AR.N20.VII.171809	chr15	18897813	18898219	3.10	8.30	98.50	46.70	75.00	18898023	0.8
AR.N20.VII.171810	chr15	19146490	19146642	1.30	4.10	14.30	57.10	68.80	19146545	0.5
AR.N20.VII.171811	chr15	20390234	20390495	1.70	11.90	0.00	50.00	88.90	20390401	0.5
AR.N20.VII.171812	chr15	20856381	20857107	3.00	4.60	95.50	50.40	86.70	20856911	0.8
AR.N20.VII.171813	chr15	21200203	21200519	10.30	22.70	37.80	52.00	86.60	21200372	2.9
AR.N20.VII.171814	chr15	21342445	21342792	6.30	29.90	2.20	52.80	97.20	21342629	1.4
AR.N20.VII.171815	chr15	21395442	21395621	2.40	11.00	4.60	30.50	100.00	21395510	0.7
AR.N20.VII.171816	chr15	24424425	24424614	2.10	30.40	8.40	44.40	80.30	24424506	0.9
AR.N20.VII.171817	chr15	24425574	24425820	9.80	27.90	0.00	43.80	100.00	24425745	2.7
AR.N20.VII.171818	chr15	25317449	25317717	2.00	7.00	0.00	57.10	58.30	25317511	0.6
AR.N20.VII.171819	chr15	26126388	26126807	2.90	5.80	70.40	56.10	87.30	26126675	0.6
AR.N20.VII.171820	chr15	26705889	26706278	3.10	8.10	74.40	60.80	88.00	26706047	0.9
AR.N20.VII.171821	chr15	28361291	28361556	3.80	9.90	98.80	50.00	97.60	28361426	0.9
AR.N20.VII.171822	chr15	29579823	29579928	1.00	14.60	0.00	72.70	62.50	29579843	0.5
AR.N20.VII.171823	chr15	29583974	29584267	2.90	4.60	0.00	51.60	68.80	29584130	0.6
AR.N20.VII.171824	chr15	29891204	29891419	1.80	5.00	0.00	26.30	80.00	29891318	0.6
AR.N20.VII.171825	chr15	30055278	30055654	34.50	23.40	0.10	55.10	91.80	30055501	8
AR.N20.VII.171826	chr15	30336089	30336354	4.60	10.00	82.70	59.20	82.80	30336219	0.9
AR.N20.VII.171827	chr15	30903348	30903619	13.00	46.10	0.00	42.60	95.00	30903457	3.6
AR.N20.VII.171828	chr15	31109901	31110096	1.60	22.60	0.00	61.10	90.90	31109992	0.6
AR.N20.VII.171829	chr15	33163793	33164079	2.30	10.80	95.00	50.40	92.60	33163950	0.5
AR.N20.VII.171830	chr15	33388249	33388490	3.10	43.80	0.00	55.90	89.50	33388379	1.2
AR.N20.VII.171831	chr15	34886612	34886779	1.50	5.30	0.00	50.00	87.50	34886673	0.6
AR.N20.VII.171832	chr15	36974797	36975040	11.40	81.00	0.80	47.60	96.60	36974904	3.6
AR.N20.VII.171833	chr15	37529338	37529567	2.30	16.30	2.00	71.40	91.40	37529443	0.6
AR.N20.VII.171834	chr15	37654851	37654990	2.10	29.20	0.00	56.50	92.30	37654946	0.9
AR.N20.VII.171835	chr15	38469583	38469815	2.00	28.50	2.30	55.30	100.00	38469738	0.5
AR.N20.VII.171836	chr15	38673270	38673465	2.10	6.60	51.60	43.90	100.00	38673394	0.6
AR.N20.VII.171837	chr15	40866642	40866733	1.10	8.00	0.00	50.00	50.00	40866664	0.7
AR.N20.VII.171838	chr15	41939173	41939360	1.00	7.30	0.00	36.40	100.00	41939227	0.6
AR.N20.VII.171839	chr15	42929616	42929752	1.00	7.30	0.00	45.50	100.00	42929683	0.5
AR.N20.VII.171840	chr15	42978949	42979316	3.90	15.90	73.80	43.50	75.70	42979174	1.1
AR.N20.VII.171841	chr15	43067470	43067856	3.30	8.40	90.00	61.40	67.40	43067608	0.8
AR.N20.VII.171842	chr15	43219254	43219537	3.30	9.40	1.40	54.90	76.90	43219410	0.8
AR.N20.VII.171843	chr15	43278038	43278228	2.90	5.90	41.40	63.30	67.00	43278105	0.7
AR.N20.VII.171844	chr15	43279803	43280044	3.40	5.40	33.70	63.30	56.70	43279885	0.8
AR.N20.VII.171845	chr15	43280518	43280750	4.30	4.70	27.80	55.30	67.20	43280617	1.4
AR.N20.VII.171846	chr15	43602678	43602912	2.30	16.60	0.00	48.00	100.00	43602823	0.7
AR.N20.VII.171847	chr15	43891459	43891622	2.60	36.90	6.60	49.80	90.40	43891549	1
AR.N20.VII.171848	chr15	45256629	45256862	1.20	17.30	0.00	46.20	100.00	45256784	0.6
AR.N20.VII.171849	chr15	45853902	45854026	1.00	14.60	0.00	72.70	100.00	45853943	0.6
AR.N20.VII.171850	chr15	45980301	45980491	2.20	31.20	2.10	63.80	60.00	45980355	0.7

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171851	chr15	46097306	46097510	2.70	9.60	0.00	62.10	100.00	46097438	1
AR.N20.VII.171852	chr15	46586948	46587085	1.00	14.60	0.00	72.70	100.00	46587023	0.5
AR.N20.VII.171853	chr15	46861085	46861255	1.70	11.90	0.00	63.20	100.00	46861187	0.6
AR.N20.VII.171854	chr15	47155263	47155450	1.30	18.60	0.00	71.40	90.00	47155357	0.5
AR.N20.VII.171855	chr15	48324564	48324833	2.90	8.30	1.10	40.20	92.30	48324726	0.9
AR.N20.VII.171856	chr15	48581290	48581544	2.00	28.50	6.90	61.80	80.30	48581405	0.8
AR.N20.VII.171857	chr15	48751284	48751485	1.50	19.30	2.00	67.30	90.90	48751350	0.6
AR.N20.VII.171858	chr15	49574016	49574253	2.20	21.20	0.00	66.70	68.80	49574088	0.7
AR.N20.VII.171859	chr15	50150765	50150986	3.10	43.80	0.00	60.60	90.00	50150838	1
AR.N20.VII.171860	chr15	50330056	50330327	2.10	5.10	0.00	60.90	57.10	50330198	0.5
AR.N20.VII.171861	chr15	50369379	50369597	2.20	5.30	0.00	50.00	91.70	50369484	0.6
AR.N20.VII.171862	chr15	50733145	50733357	2.80	13.50	1.60	50.80	61.30	50733199	0.6
AR.N20.VII.171863	chr15	52176549	52176793	4.80	68.40	1.00	55.30	96.50	52176712	1.2
AR.N20.VII.171864	chr15	53020956	53021249	2.00	27.90	0.00	42.90	88.90	53021100	0.6
AR.N20.VII.171865	chr15	53024337	53024488	1.80	21.20	26.20	37.10	78.80	53024372	1.2
AR.N20.VII.171866	chr15	53336867	53336979	1.00	7.30	0.00	41.70	60.00	53336910	0.6
AR.N20.VII.171867	chr15	55197555	55197718	1.60	11.30	0.00	70.60	75.00	55197632	0.5
AR.N20.VII.171868	chr15	55608488	55608723	2.60	36.50	1.80	58.20	62.50	55608569	0.8
AR.N20.VII.171869	chr15	57633711	57633847	1.20	17.30	0.00	53.80	100.00	57633784	0.5
AR.N20.VII.171870	chr15	58801826	58802149	5.20	37.20	0.00	49.10	89.30	58801934	2
AR.N20.VII.171871	chr15	58993499	58993768	2.40	5.80	0.00	46.20	83.30	58993602	0.8
AR.N20.VII.171872	chr15	59279318	59279466	4.60	16.30	0.00	62.00	96.80	59279373	2
AR.N20.VII.171873	chr15	59782350	59782593	17.40	49.50	0.10	48.20	92.20	59782460	4.5
AR.N20.VII.171874	chr15	60593507	60593680	4.20	19.90	0.00	63.00	89.70	60593580	1.4
AR.N20.VII.171875	chr15	60820120	60820390	4.80	9.70	0.00	49.00	80.00	60820268	1.4
AR.N20.VII.171876	chr15	60978363	60978548	2.20	15.90	0.00	41.70	70.00	60978444	0.7
AR.N20.VII.171877	chr15	61132465	61132679	3.00	14.20	0.00	52.90	88.90	61132622	1.3
AR.N20.VII.171878	chr15	61145172	61145392	1.40	10.00	0.00	60.00	88.90	61145262	0.6
AR.N20.VII.171879	chr15	62152143	62152318	2.20	15.90	0.00	41.70	100.00	62152233	0.7
AR.N20.VII.171880	chr15	63153476	63153527	3.60	51.80	28.20	39.20	100.00	63153487	3.6
AR.N20.VII.171881	chr15	63948430	63948639	1.80	8.50	13.90	57.50	91.60	63948532	0.6
AR.N20.VII.171882	chr15	64468583	64468805	2.20	31.20	0.00	58.90	100.00	64468711	0.7
AR.N20.VII.171883	chr15	64661690	64661954	3.50	16.50	0.00	40.00	47.80	64661757	0.7
AR.N20.VII.171884	chr15	64729078	64729183	1.00	14.60	0.00	27.30	66.70	64729108	0.6
AR.N20.VII.171885	chr15	64729805	64730031	3.30	9.30	0.00	68.60	87.50	64729922	0.8
AR.N20.VII.171886	chr15	66672083	66672237	2.10	12.80	0.00	46.70	90.50	66672151	0.7
AR.N20.VII.171887	chr15	67114652	67114919	2.90	4.60	0.00	62.50	95.00	67114853	0.8
AR.N20.VII.171888	chr15	67554454	67554817	2.70	11.50	2.90	53.20	87.00	67554685	0.7
AR.N20.VII.171889	chr15	67683391	67683678	2.20	15.90	0.00	45.80	100.00	67683572	0.6
AR.N20.VII.171890	chr15	67771750	67772000	1.40	6.60	0.00	60.00	88.90	67771865	0.6
AR.N20.VII.171891	chr15	69226209	69226383	1.80	25.20	0.00	47.40	88.90	69226321	0.6
AR.N20.VII.171892	chr15	70234720	70234955	7.70	15.70	0.00	44.60	86.50	70234844	2.4
AR.N20.VII.171893	chr15	70253356	70253485	1.60	22.60	0.00	58.80	100.00	70253382	0.8
AR.N20.VII.171894	chr15	71081948	71082133	1.40	19.90	0.00	33.30	100.00	71082055	0.5
AR.N20.VII.171895	chr15	72743781	72744095	4.60	32.50	0.00	32.70	100.00	72743892	1.2
AR.N20.VII.171896	chr15	72858576	72858863	1.50	20.80	2.10	34.00	100.00	72858718	0.6
AR.N20.VII.171897	chr15	72877960	72878101	2.70	6.40	0.00	37.90	81.80	72878027	1
AR.N20.VII.171898	chr15	74652138	74652327	2.10	14.60	0.00	70.50	94.10	74652265	1
AR.N20.VII.171899	chr15	75195706	75195864	1.10	15.90	0.00	58.30	100.00	75195738	0.6
AR.N20.VII.171900	chr15	75896984	75897209	3.40	15.90	0.00	52.80	78.90	75897087	1.2
AR.N20.VII.171901	chr15	76509055	76509165	1.00	14.60	0.00	27.30	100.00	76509137	0.6
AR.N20.VII.171902	chr15	76683908	76684105	2.40	8.60	0.00	50.00	100.00	76684036	0.6
AR.N20.VII.171903	chr15	77857873	77858077	8.60	40.90	0.40	47.10	59.10	77857938	2
AR.N20.VII.171904	chr15	78985953	78986056	1.10	8.00	0.00	30.80	100.00	78986029	0.5
AR.N20.VII.171905	chr15	79467776	79468020	12.80	30.30	0.00	50.00	76.80	79467856	3.2
AR.N20.VII.171906	chr15	79484254	79484390	1.70	23.90	0.00	55.60	80.00	79484290	0.6
AR.N20.VII.171907	chr15	82123144	82123399	4.60	32.50	0.00	38.00	100.00	82123274	1.2
AR.N20.VII.171908	chr15	83637712	83637833	1.20	8.60	0.00	46.20	100.00	83637768	0.7
AR.N20.VII.171909	chr15	83675540	83675726	5.30	15.10	0.00	50.00	96.60	83675619	1.9
AR.N20.VII.171910	chr15	83876980	83877180	2.80	5.80	1.60	63.90	94.90	83877102	0.8
AR.N20.VII.171911	chr15	84359360	84359577	1.90	6.80	2.40	61.00	68.00	84359442	0.6
AR.N20.VII.171912	chr15	87462206	87462358	2.00	13.90	0.00	61.90	100.00	87462315	1.1
AR.N20.VII.171913	chr15	87474126	87474327	9.60	136.10	0.50	46.90	90.70	87474175	2.7
AR.N20.VII.171914	chr15	88156525	88156682	1.40	5.00	0.00	33.30	100.00	88156602	0.6
AR.N20.VII.171915	chr15	89204794	89204935	1.20	7.90	1.00	67.30	100.00	89204908	0.6
AR.N20.VII.171916	chr15	89386231	89386553	3.80	26.90	13.60	49.00	84.90	89386377	1
AR.N20.VII.171917	chr15	90871440	90871712	7.40	26.40	0.60	53.50	85.90	90871582	2.3
AR.N20.VII.171918	chr15	90983441	90983651	2.60	18.60	0.00	64.30	72.20	90983517	0.7
AR.N20.VII.171919	chr15	90998444	90998688	36.20	103.00	0.30	50.80	79.20	90998536	8.6
AR.N20.VII.171920	chr15	91497255	91497431	2.10	7.50	2.20	34.00	100.00	91497383	0.7
AR.N20.VII.171921	chr15	94558246	94558413	2.30	16.60	0.00	44.00	100.00	94558347	0.8
AR.N20.VII.171922	chr15	96889134	96889428	3.30	15.50	0.00	54.30	63.20	96889247	0.6
AR.N20.VII.171923	chr15	97149957	97150077	1.30	18.60	0.00	71.40	90.00	97150001	0.7
AR.N20.VII.171924	chr15	97164542	97164826	3.40	22.30	12.10	39.30	82.50	97164684	1.1
AR.N20.VII.171925	chr15	97313416	97313559	1.90	13.60	2.40	32.60	100.00	97313483	0.8
AR.N20.VII.171926	chr15	97947582	97947753	1.50	21.20	0.00	56.20	88.90	97947672	0.6
AR.N20.VII.171927	chr15	98026963	98027190	2.10	30.50	0.00	60.90	85.70	98027109	0.7
AR.N20.VII.171928	chr15	98991481	98991675	2.30	16.30	2.00	60.80	80.60	98991584	0.7
AR.N20.VII.171929	chr15	99129582	99129846	2.20	4.50	2.10	55.30	92.30	99129737	0.8
AR.N20.VII.171930	chr15	99248169	99248445	3.50	16.60	1.60	58.50	95.50	99248314	1.1
AR.N20.VII.171931	chr15	99251661	99252014	3.40	8.20	0.00	56.80	76.20	99251760	1
AR.N20.VII.171932	chr15	99255588	99256116	10.30	11.30	0.50	56.10	79.20	99255723	2.4
AR.N20.VII.171933	chr15	99635176	99635458	3.00	4.20	0.00	65.60	90.50	99635355	0.7
AR.N20.VII.171934	chr16	378481	378683	2.30	6.90	15.00	44.20	81.70	378607	0.8
AR.N20.VII.171935	chr16	680371	680529	1.20	5.80	0.00	53.80	85.70	680476	0.6

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.171936	chr16	727733	727909	3.60	17.30	0.00	40.00	87.50	727856	1.2
AR.N20.VII.171937	chr16	1522516	1522725	2.50	6.00	0.00	44.40	100.00	1522630	0.7
AR.N20.VII.171938	chr16	1620899	1621238	5.20	10.50	0.90	43.20	50.00	1620972	0.9
AR.N20.VII.171939	chr16	1635992	1636252	2.20	5.30	0.00	62.50	73.30	1636073	0.6
AR.N20.VII.171940	chr16	2029638	2029834	2.10	7.30	0.00	27.30	100.00	2029688	0.7
AR.N20.VII.171941	chr16	2076160	2076484	6.50	6.20	0.00	42.90	56.70	2076263	1.4
AR.N20.VII.171942	chr16	2378907	2379169	6.80	10.80	12.30	61.60	91.10	2379048	1.6
AR.N20.VII.171943	chr16	3140623	3140800	1.80	5.80	43.90	55.30	85.40	3140701	0.5
AR.N20.VII.171944	chr16	3172470	3172801	2.00	6.40	14.40	48.20	100.00	3172712	0.8
AR.N20.VII.171945	chr16	3543195	3543420	3.00	12.70	3.10	68.80	100.00	3543363	1.1
AR.N20.VII.171946	chr16	3636353	3636532	1.30	4.60	0.00	50.00	85.70	3636417	0.6
AR.N20.VII.171947	chr16	3686971	3687227	2.90	8.20	0.00	54.80	76.50	3687077	0.9
AR.N20.VII.171948	chr16	4476189	4476465	2.50	7.20	0.00	37.00	80.00	4476334	0.7
AR.N20.VII.171949	chr16	4659410	4659693	3.30	9.40	0.00	43.80	81.20	4659551	0.7
AR.N20.VII.171950	chr16	4902654	4902809	1.80	8.40	0.00	31.60	100.00	4902759	0.7
AR.N20.VII.171951	chr16	6619258	6619413	2.60	18.60	0.00	67.90	100.00	6619340	1.2
AR.N20.VII.171952	chr16	8045952	8046049	1.00	14.60	0.00	45.50	80.00	8045972	0.5
AR.N20.VII.171953	chr16	8988814	8989075	3.60	10.40	0.40	46.00	88.90	8989016	1.1
AR.N20.VII.171954	chr16	9366778	9367014	5.80	20.60	0.00	53.20	78.80	9366882	1.8
AR.N20.VII.171955	chr16	10521896	10522179	10.40	37.00	0.30	47.50	90.60	10522031	3.6
AR.N20.VII.171956	chr16	14287209	14287427	3.40	5.10	15.10	39.70	48.30	14287249	1
AR.N20.VII.171957	chr16	14420167	14420534	9.10	86.30	44.10	46.20	88.00	14420335	2.6
AR.N20.VII.171958	chr16	14657864	14658068	2.80	19.90	0.00	70.00	85.70	14657934	0.9
AR.N20.VII.171959	chr16	14983983	14984222	2.40	10.50	88.30	44.10	82.60	14984085	0.6
AR.N20.VII.171960	chr16	17386576	17386842	7.40	35.00	0.10	30.50	58.50	17386680	3.4
AR.N20.VII.171961	chr16	19022719	19022887	2.20	8.00	0.00	62.50	100.00	19022798	0.8
AR.N20.VII.171962	chr16	19050370	19050558	1.70	8.00	0.00	33.30	83.30	19050452	0.6
AR.N20.VII.171963	chr16	19779201	19779482	2.80	39.80	0.00	56.70	82.40	19779375	0.7
AR.N20.VII.171964	chr16	20358669	20359098	3.40	7.50	64.70	47.10	91.30	20358951	0.7
AR.N20.VII.171965	chr16	20506433	20506816	3.70	8.00	58.10	45.80	72.20	20506583	0.8
AR.N20.VII.171966	chr16	21516689	21516900	2.00	13.90	0.00	38.10	87.50	21516814	0.5
AR.N20.VII.171967	chr16	22108852	22109101	2.10	4.20	0.00	27.30	66.70	22108938	0.6
AR.N20.VII.171968	chr16	22114506	22114687	2.60	4.80	9.60	57.80	76.00	22114568	0.8
AR.N20.VII.171969	chr16	22130969	22131150	2.50	35.80	0.00	48.10	92.30	22131037	0.7
AR.N20.VII.171970	chr16	23121945	23122065	1.30	9.30	0.00	35.70	100.00	23122011	0.6
AR.N20.VII.171971	chr16	23281449	23281731	4.00	5.70	0.00	53.50	87.00	23281620	1.4
AR.N20.VII.171972	chr16	23483879	23484058	2.50	35.80	0.00	66.70	83.30	23483960	0.8
AR.N20.VII.171973	chr16	25608043	25608302	2.80	5.70	0.00	46.70	85.70	25608164	0.7
AR.N20.VII.171974	chr16	31036756	31036950	2.50	9.00	0.00	59.30	93.80	31036855	0.9
AR.N20.VII.171975	chr16	34615927	34616265	3.70	15.00	9.00	45.90	94.60	34616120	1.1
AR.N20.VII.171976	chr16	45467956	45468171	2.10	9.70	0.00	54.50	91.70	45468080	0.8
AR.N20.VII.171977	chr16	46488993	46489137	1.50	10.90	2.80	31.10	58.50	46489064	0.9
AR.N20.VII.171978	chr16	46626509	46626746	2.70	19.30	0.00	51.70	73.30	46626583	0.6
AR.N20.VII.171979	chr16	48528700	48528901	4.20	10.00	0.50	42.40	100.00	48528834	1.3
AR.N20.VII.171980	chr16	50249310	50249560	4.60	32.50	0.00	57.10	89.30	50249442	1.8
AR.N20.VII.171981	chr16	51093469	51093640	3.90	27.90	0.00	47.60	100.00	51093582	1.4
AR.N20.VII.171982	chr16	51136765	51136939	1.80	5.00	0.00	36.80	100.00	51136902	0.6
AR.N20.VII.171983	chr16	51454444	51454684	1.90	6.60	0.00	40.00	87.50	51454597	0.8
AR.N20.VII.171984	chr16	52371528	52371745	1.40	5.10	0.00	58.10	77.80	52371664	0.5
AR.N20.VII.171985	chr16	53132302	53132431	1.70	6.00	0.00	44.40	87.50	53132323	0.9
AR.N20.VII.171986	chr16	53330887	53331031	1.70	23.90	0.00	61.90	100.00	53330964	1
AR.N20.VII.171987	chr16	55199589	55199840	3.80	4.50	0.00	50.00	85.70	55199714	1
AR.N20.VII.171988	chr16	55273578	55273763	5.00	11.80	0.90	42.30	91.50	55273677	1.6
AR.N20.VII.171989	chr16	55857601	55857765	1.90	8.90	0.00	55.00	45.50	55857636	0.6
AR.N20.VII.171990	chr16	56123670	56123924	1.50	4.20	0.00	58.80	70.00	56123708	0.5
AR.N20.VII.171991	chr16	57928943	57929144	4.00	28.20	1.20	50.60	90.70	57929040	1
AR.N20.VII.171992	chr16	62055012	62055220	3.40	24.60	0.00	56.80	81.00	62055109	1
AR.N20.VII.171993	chr16	65094525	65094783	3.30	6.70	1.40	35.20	100.00	65094699	1
AR.N20.VII.171994	chr16	65528685	65528859	12.70	90.30	0.00	46.00	96.80	65528764	4.5
AR.N20.VII.171995	chr16	66053244	66053500	2.60	6.10	1.80	61.80	70.60	66053344	0.6
AR.N20.VII.171996	chr16	66351713	66351892	1.80	25.20	0.00	31.60	83.30	66351847	0.6
AR.N20.VII.171997	chr16	66998281	66998493	2.00	7.00	0.00	52.40	100.00	66998411	0.6
AR.N20.VII.171998	chr16	67774286	67774404	1.00	14.60	0.00	63.60	85.70	67774307	0.6
AR.N20.VII.171999	chr16	67774513	67774719	1.60	7.70	2.90	51.40	100.00	67774636	0.7
AR.N20.VII.171000	chr16	67845271	67845451	1.80	12.60	0.00	47.40	100.00	67845335	0.8
AR.N20.VII.171001	chr16	68009409	68009596	2.10	10.20	0.00	39.10	66.70	68009455	0.8
AR.N20.VII.171002	chr16	68649574	68649813	2.50	11.00	83.50	48.20	92.30	68649708	0.6
AR.N20.VII.171003	chr16	69174139	69174276	1.90	6.80	2.40	58.50	91.70	69174198	0.9
AR.N20.VII.171004	chr16	69757773	69757970	4.60	21.70	0.00	46.90	91.30	69757875	1.3
AR.N20.VII.171005	chr16	70048259	70048410	1.90	6.60	0.00	65.00	100.00	70048369	0.9
AR.N20.VII.171006	chr16	70185427	70185619	3.40	49.10	0.00	43.20	100.00	70185512	1.4
AR.N20.VII.171007	chr16	70349710	70350023	2.10	9.70	0.00	43.50	90.00	70349850	0.7
AR.N20.VII.171008	chr16	70615349	70615646	6.30	12.90	0.00	50.00	76.50	70615492	1.7
AR.N20.VII.171009	chr16	70779942	70780134	2.90	10.30	0.00	51.60	93.80	70780034	1
AR.N20.VII.171010	chr16	71269352	71269675	3.00	19.90	19.90	56.00	89.00	71269433	1.4
AR.N20.VII.171011	chr16	71581532	71581819	3.30	9.30	0.00	45.70	87.50	71581704	0.8
AR.N20.VII.171012	chr16	72055595	72055775	1.80	25.90	0.00	59.00	100.00	72055702	0.7
AR.N20.VII.171013	chr16	74901385	74901662	4.60	13.00	0.00	51.00	96.00	74901598	1.3
AR.N20.VII.171014	chr16	76006257	76006418	2.20	10.60	0.00	52.00	84.60	76006309	0.7
AR.N20.VII.171015	chr16	76027082	76027278	2.30	33.20	0.00	40.00	100.00	76027198	1
AR.N20.VII.171016	chr16	76714552	76714764	29.90	426.20	0.30	48.10	100.00	76714670	8.7
AR.N20.VII.171017	chr16	77280550	77280762	3.10	6.30	0.00	48.50	100.00	77280682	1.1
AR.N20.VII.171018	chr16	78479655	78479764	1.30	18.60	0.00	50.00	71.40	78479697	0.5
AR.N20.VII.171019	chr16	79467070	79467300	3.60	17.30	0.00	53.80	76.20	79467155	1
AR.N20.VII.171020	chr16	79572320	79572476	1.50	10.60	0.00	56.20	88.90	79572402	0.6

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711021	chr16	82687867	82688038	2.40	33.90	0.00	52.90	92.60	82687941	0.9
AR.N20.VII.1711022	chr16	83041047	83041460	2.70	7.70	0.00	55.20	75.00	83041218	0.8
AR.N20.VII.1711023	chr16	83504412	83504770	6.10	23.10	1.90	57.70	78.90	83504572	1.9
AR.N20.VII.1711024	chr16	83728576	83728769	2.10	10.20	0.00	47.80	90.90	83728668	0.7
AR.N20.VII.1711025	chr16	83740771	83741075	1.30	5.70	3.30	71.40	80.60	83740931	0.6
AR.N20.VII.1711026	chr16	83940662	83940879	2.10	6.00	2.20	57.80	84.60	83940807	0.7
AR.N20.VII.1711027	chr16	84115669	84115829	4.10	11.80	1.10	56.20	88.00	84115756	1.2
AR.N20.VII.1711028	chr16	84272420	84272631	2.20	8.00	0.00	62.50	93.30	84272499	0.6
AR.N20.VII.1711029	chr16	86668451	86668708	5.70	11.60	0.00	42.60	73.10	86668600	1.5
AR.N20.VII.1711030	chr16	87143249	87143357	1.40	5.00	0.00	46.70	100.00	87143262	0.7
AR.N20.VII.1711031	chr16	87855710	87855845	1.50	10.60	0.00	50.00	100.00	87855793	0.5
AR.N20.VII.1711032	chr16	87939555	87939779	11.60	55.30	0.00	58.70	87.80	87939671	3.4
AR.N20.VII.1711033	chr17	198478	198637	6.20	29.40	0.80	57.80	97.40	198552	2.7
AR.N20.VII.1711034	chr17	284744	284904	4.70	22.10	0.00	48.00	95.80	284837	1.6
AR.N20.VII.1711035	chr17	1410692	1410883	1.70	11.90	0.00	44.40	100.00	1410772	0.7
AR.N20.VII.1711036	chr17	2986285	2986475	2.80	39.80	20.00	55.00	93.90	2986410	1.1
AR.N20.VII.1711037	chr17	3510307	3510555	10.00	35.50	0.00	51.40	87.30	3510423	3.7
AR.N20.VII.1711038	chr17	3740745	3740865	1.30	4.60	0.00	50.00	71.40	3740781	0.6
AR.N20.VII.1711039	chr17	4160300	4160470	1.90	26.60	0.00	45.00	77.80	4160324	0.7
AR.N20.VII.1711040	chr17	7072167	7072402	2.60	12.20	1.80	63.60	54.30	7072265	0.6
AR.N20.VII.1711041	chr17	7099130	7099304	17.10	121.60	0.70	59.30	80.00	7099216	4.8
AR.N20.VII.1711042	chr17	7747741	7748004	3.10	8.80	0.00	48.50	81.20	7747887	0.7
AR.N20.VII.1711043	chr17	7803650	7803875	2.40	17.30	0.00	46.20	100.00	7803766	0.7
AR.N20.VII.1711044	chr17	7876076	7876257	1.10	8.10	1.40	57.50	100.00	7876163	0.7
AR.N20.VII.1711045	chr17	7900597	7900954	6.10	14.40	1.50	43.80	66.70	7900672	1.6
AR.N20.VII.1711046	chr17	7964288	7964482	1.50	9.40	36.10	51.50	100.00	7964434	0.6
AR.N20.VII.1711047	chr17	7995881	7996066	3.30	6.60	0.00	62.90	77.30	7995930	1.2
AR.N20.VII.1711048	chr17	7998365	7998623	21.60	34.20	0.40	48.30	89.50	7998503	5.4
AR.N20.VII.1711049	chr17	8030355	8030492	1.70	4.60	46.30	48.50	77.50	8030385	0.7
AR.N20.VII.1711050	chr17	8030844	8031134	3.70	6.40	30.40	46.60	76.10	8030913	1
AR.N20.VII.1711051	chr17	8064874	8065052	2.30	7.50	35.00	38.90	100.00	8064981	1.1
AR.N20.VII.1711052	chr17	8065518	8065684	2.00	4.10	39.00	60.20	94.30	8065629	0.6
AR.N20.VII.1711053	chr17	8070632	8070791	1.20	7.60	29.70	56.70	100.00	8070733	0.6
AR.N20.VII.1711054	chr17	9529042	9529257	3.90	18.60	0.00	41.90	100.00	9529210	1.4
AR.N20.VII.1711055	chr17	9781099	9781520	17.60	20.90	0.00	57.10	80.70	9781346	4.5
AR.N20.VII.1711056	chr17	10068277	10068429	1.90	13.30	0.00	55.00	72.70	10068309	0.7
AR.N20.VII.1711057	chr17	11373952	11374138	1.90	26.60	0.00	59.10	61.50	11374044	0.7
AR.N20.VII.1711058	chr17	11830668	11830865	1.20	8.60	0.00	71.40	80.00	11830728	0.7
AR.N20.VII.1711059	chr17	11938476	11938658	2.60	37.20	0.00	53.60	73.30	11938576	0.8
AR.N20.VII.1711060	chr17	13003976	13004144	1.80	25.20	0.00	57.90	100.00	13004090	0.7
AR.N20.VII.1711061	chr17	13834172	13834326	3.80	18.10	0.00	65.90	66.70	13834249	1.3
AR.N20.VII.1711062	chr17	13897307	13897489	2.00	27.90	0.00	54.50	100.00	13897443	0.7
AR.N20.VII.1711063	chr17	14050129	14050385	3.10	4.90	0.00	45.50	80.00	14050213	0.7
AR.N20.VII.1711064	chr17	14763363	14763551	5.50	15.50	0.90	52.90	87.30	14763439	2.4
AR.N20.VII.1711065	chr17	15259194	15259346	1.10	8.00	0.00	50.00	83.30	15259247	0.7
AR.N20.VII.1711066	chr17	15975735	15975981	6.50	23.10	0.70	46.80	100.00	15975895	1.6
AR.N20.VII.1711067	chr17	16312565	16312738	2.00	9.30	0.00	47.60	100.00	16312668	0.7
AR.N20.VII.1711068	chr17	16862677	16862953	11.10	17.60	0.00	37.50	82.20	16862790	2.6
AR.N20.VII.1711069	chr17	17045372	17045703	3.10	4.90	1.00	30.00	90.00	17045486	0.7
AR.N20.VII.1711070	chr17	17250357	17250591	5.40	8.60	0.00	56.90	75.80	17250474	1.7
AR.N20.VII.1711071	chr17	17335790	17336079	5.20	21.20	0.00	33.90	94.70	17335977	1.8
AR.N20.VII.1711072	chr17	17827547	17827809	6.20	14.80	0.00	46.30	80.60	17827708	1.6
AR.N20.VII.1711073	chr17	19352028	19352173	3.40	7.80	9.10	50.30	100.00	19352146	1.1
AR.N20.VII.1711074	chr17	19474180	19474343	2.30	33.20	0.00	56.00	92.90	19474254	1.1
AR.N20.VII.1711075	chr17	19781619	19781710	1.30	9.00	3.70	33.30	100.00	19781653	0.6
AR.N20.VII.1711076	chr17	20135766	20136106	3.40	11.90	0.00	58.30	61.90	20135904	0.9
AR.N20.VII.1711077	chr17	20844116	20844321	1.90	8.90	0.00	52.40	72.70	20844223	0.8
AR.N20.VII.1711078	chr17	22598502	22598847	2.70	4.30	0.00	55.20	75.00	22598711	0.7
AR.N20.VII.1711079	chr17	22672813	22673007	2.50	35.80	0.00	59.30	100.00	22672868	0.7
AR.N20.VII.1711080	chr17	22766254	22766478	2.00	27.90	9.50	54.80	69.60	22766359	0.5
AR.N20.VII.1711081	chr17	23426547	23426707	2.20	8.00	0.00	70.80	82.40	23426615	0.8
AR.N20.VII.1711082	chr17	24979238	24979350	1.70	23.90	0.00	42.10	87.50	24979304	0.7
AR.N20.VII.1711083	chr17	26901067	26901498	3.80	5.70	14.60	50.00	70.70	26901270	1
AR.N20.VII.1711084	chr17	27979371	27979549	1.30	9.30	0.00	50.00	85.70	27979473	0.7
AR.N20.VII.1711085	chr17	32705572	32705732	1.50	11.00	3.00	66.70	63.60	32705590	0.7
AR.N20.VII.1711086	chr17	34161551	34161715	1.70	6.10	30.50	36.70	100.00	34161629	0.7
AR.N20.VII.1711087	chr17	35484971	35485176	4.60	11.20	0.00	67.30	87.90	35485059	1.2
AR.N20.VII.1711088	chr17	35920075	35920328	4.30	7.60	0.00	56.50	92.30	35920237	1.3
AR.N20.VII.1711089	chr17	36674381	36674681	3.40	12.10	1.40	39.70	100.00	36674569	1
AR.N20.VII.1711090	chr17	37946674	37947020	2.90	5.10	0.00	48.40	80.00	37946843	0.9
AR.N20.VII.1711091	chr17	38390062	38390297	3.40	24.20	0.00	54.80	60.00	38390141	0.9
AR.N20.VII.1711092	chr17	39509749	39509975	11.80	55.90	0.30	50.70	98.40	39509904	3.1
AR.N20.VII.1711093	chr17	41542944	41543173	1.70	11.90	0.00	55.60	90.00	41543085	0.6
AR.N20.VII.1711094	chr17	42227036	42227167	1.90	13.30	0.00	70.00	85.70	42227093	0.9
AR.N20.VII.1711095	chr17	43387966	43388197	5.60	16.10	2.50	48.00	72.90	43388061	1.1
AR.N20.VII.1711096	chr17	43916293	43916470	2.60	36.50	0.00	35.10	100.00	43916413	1
AR.N20.VII.1711097	chr17	44251062	44251379	6.00	12.10	0.00	45.30	82.80	44251146	1.6
AR.N20.VII.1711098	chr17	44823520	44823750	4.00	57.10	0.00	58.10	96.00	44823645	1.3
AR.N20.VII.1711099	chr17	44836241	44836403	1.50	7.10	0.00	56.20	88.90	44836376	0.6
AR.N20.VII.1711100	chr17	46196486	46196706	2.40	11.50	0.00	50.00	61.50	46196545	0.6
AR.N20.VII.1711101	chr17	46341748	46341917	4.00	57.10	0.00	37.20	75.00	46341794	1.1
AR.N20.VII.1711102	chr17	51040067	51040303	6.70	19.10	0.00	44.40	87.50	51040186	2
AR.N20.VII.1711103	chr17	51163315	51163475	2.00	13.90	0.00	42.90	88.90	51163366	0.7
AR.N20.VII.1711104	chr17	51605097	51605395	2.60	7.40	0.00	35.70	50.00	51605170	0.6
AR.N20.VII.1711105	chr17	52240946	52241194	10.80	154.00	0.00	54.30	98.40	52241080	4.4

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711106	chr17	52508289	52508473	3.00	21.20	0.00	43.80	85.70	52508332	1.1
AR.N20.VII.1711107	chr17	52647803	52647944	1.30	8.50	8.00	59.70	100.00	52647869	0.7
AR.N20.VII.1711108	chr17	53333816	53334083	1.70	6.00	0.00	38.90	57.10	53333941	0.5
AR.N20.VII.1711109	chr17	53455468	53455750	3.10	14.60	0.00	69.70	73.90	53455591	0.7
AR.N20.VII.1711110	chr17	55301667	55301832	2.10	29.20	0.00	66.70	87.50	55301719	0.7
AR.N20.VII.1711111	chr17	56723751	56723960	2.10	15.30	0.00	47.80	72.70	56723829	0.6
AR.N20.VII.1711112	chr17	56864141	56864456	2.60	18.80	1.20	50.60	48.80	56864243	0.7
AR.N20.VII.1711113	chr17	56943660	56943870	4.70	33.20	2.00	66.00	90.90	56943755	1.8
AR.N20.VII.1711114	chr17	58156959	58157212	16.10	38.10	0.20	48.90	85.90	58157072	4
AR.N20.VII.1711115	chr17	58470600	58470780	4.10	9.80	1.10	44.90	85.00	58470705	1.3
AR.N20.VII.1711116	chr17	59269690	59269939	11.00	31.40	0.10	44.00	90.40	59269796	3.6
AR.N20.VII.1711117	chr17	62102672	62102908	3.30	7.70	0.00	45.70	100.00	62102790	0.8
AR.N20.VII.1711118	chr17	62199192	62199290	1.40	19.90	0.00	33.30	100.00	62199237	0.9
AR.N20.VII.1711119	chr17	62395569	62395862	4.90	35.20	0.00	50.90	81.50	62395712	1.2
AR.N20.VII.1711120	chr17	63886365	63886687	3.60	8.60	0.00	64.10	80.00	63886584	0.7
AR.N20.VII.1711121	chr17	63937886	63938150	1.80	25.20	0.00	36.80	71.40	63938014	0.6
AR.N20.VII.1711122	chr17	64747712	64747973	1.30	9.30	0.00	64.30	88.90	64747869	0.6
AR.N20.VII.1711123	chr17	64969927	64970183	2.10	15.30	0.00	56.50	100.00	64970144	0.5
AR.N20.VII.1711124	chr17	64987919	64988176	3.90	18.60	0.00	31.00	76.90	64988058	1
AR.N20.VII.1711125	chr17	65068761	65068992	1.40	10.30	3.20	32.30	80.00	65068864	0.5
AR.N20.VII.1711126	chr17	67417883	67418117	3.10	43.80	1.50	59.10	79.50	67417961	1
AR.N20.VII.1711127	chr17	67659274	67659502	1.40	10.00	0.00	53.30	100.00	67659375	0.6
AR.N20.VII.1711128	chr17	68723294	68723557	5.70	13.60	0.00	53.90	57.80	68723375	1.7
AR.N20.VII.1711129	chr17	68867733	68867944	3.20	6.40	0.00	47.10	68.80	68867799	1
AR.N20.VII.1711130	chr17	68934983	68935242	3.50	14.90	1.30	44.00	100.00	68935141	0.8
AR.N20.VII.1711131	chr17	69041003	69041323	3.50	7.20	0.00	47.40	72.20	69041166	1
AR.N20.VII.1711132	chr17	70266122	70266334	11.10	26.40	0.40	46.40	100.00	70266221	4.1
AR.N20.VII.1711133	chr17	71507644	71507959	5.20	6.20	0.00	44.60	72.00	71507779	1.1
AR.N20.VII.1711134	chr17	71665248	71665462	2.40	17.30	0.00	42.30	100.00	71665354	0.8
AR.N20.VII.1711135	chr17	71681795	71682065	2.40	17.30	0.00	50.00	53.80	71681900	0.5
AR.N20.VII.1711136	chr17	71704419	71704677	7.60	27.20	0.00	50.00	90.20	71704550	1.7
AR.N20.VII.1711137	chr17	73622719	73622987	21.80	38.80	0.60	53.10	84.00	73622801	6.5
AR.N20.VII.1711138	chr17	74506487	74506742	2.60	4.60	1.80	56.40	87.10	74506572	0.7
AR.N20.VII.1711139	chr17	75657135	75657455	9.80	17.40	0.00	50.90	77.80	75657243	2.2
AR.N20.VII.1711140	chr17	76887409	76887594	1.90	13.40	0.70	55.30	100.00	76887540	0.6
AR.N20.VII.1711141	chr17	77657570	77657840	2.10	4.40	0.00	56.50	53.80	77657696	0.5
AR.N20.VII.1711142	chr17	77665214	77665408	5.10	14.60	0.00	42.90	95.80	77665335	1.7
AR.N20.VII.1711143	chr17	77703801	77704053	11.60	13.80	0.00	45.20	94.70	77703923	3.7
AR.N20.VII.1711144	chr17	77977418	77977619	1.80	5.00	0.00	57.90	81.80	77977506	0.7
AR.N20.VII.1711145	chr17	78045779	78046091	2.50	6.90	36.60	57.30	57.80	78045894	0.6
AR.N20.VII.1711146	chr18	1454476	1454609	1.10	15.90	0.00	50.00	100.00	1454530	0.6
AR.N20.VII.1711147	chr18	2523176	2523326	2.70	38.50	0.00	51.70	66.70	2523196	0.9
AR.N20.VII.1711148	chr18	2938265	2938459	2.10	7.30	0.00	27.30	100.00	2938357	0.7
AR.N20.VII.1711149	chr18	5236152	5236377	2.00	9.50	2.30	74.40	93.80	5236316	0.6
AR.N20.VII.1711150	chr18	7626131	7626234	1.10	5.30	0.00	66.70	100.00	7626179	0.7
AR.N20.VII.1711151	chr18	8130207	8130381	1.40	6.60	0.00	40.00	100.00	8130299	0.5
AR.N20.VII.1711152	chr18	8324058	8324256	1.80	12.60	0.00	45.00	77.80	8324157	0.7
AR.N20.VII.1711153	chr18	8331723	8331918	1.40	10.00	0.00	60.00	77.80	8331788	0.6
AR.N20.VII.1711154	chr18	8694033	8694411	4.70	16.60	0.00	56.00	85.70	8694262	1.2
AR.N20.VII.1711155	chr18	9707686	9707849	2.80	13.40	0.80	40.50	75.50	9707753	0.9
AR.N20.VII.1711156	chr18	10031240	10031505	1.50	7.70	16.80	26.70	72.00	10031293	0.5
AR.N20.VII.1711157	chr18	10716622	10716791	4.00	12.70	2.30	50.60	81.80	10716692	1.4
AR.N20.VII.1711158	chr18	11742741	11742892	2.50	35.80	0.00	66.70	94.40	11742826	1.1
AR.N20.VII.1711159	chr18	11846510	11846653	1.20	8.60	0.00	35.70	100.00	11846609	0.5
AR.N20.VII.1711160	chr18	11966577	11966889	3.20	12.80	1.00	57.30	100.00	11966848	0.6
AR.N20.VII.1711161	chr18	12579515	12579617	1.00	7.30	0.00	36.40	75.00	12579575	0.5
AR.N20.VII.1711162	chr18	13117263	13117563	6.90	9.40	0.00	58.70	68.20	13117359	1.7
AR.N20.VII.1711163	chr18	13816696	13816849	2.10	29.20	0.00	63.60	57.10	13816722	0.7
AR.N20.VII.1711164	chr18	14079797	14080009	6.20	22.20	0.00	65.70	68.20	14079891	2.1
AR.N20.VII.1711165	chr18	14925664	14925945	4.00	9.30	21.40	41.00	66.20	14925773	0.9
AR.N20.VII.1711166	chr18	17855702	17855977	3.20	6.40	0.00	52.90	88.90	17855791	1.1
AR.N20.VII.1711167	chr18	17881543	17881776	3.20	15.00	0.00	41.20	92.90	17881689	1
AR.N20.VII.1711168	chr18	18289550	18289715	1.80	12.60	0.00	42.10	100.00	18289662	0.7
AR.N20.VII.1711169	chr18	18319772	18320039	9.10	21.70	0.00	56.10	90.90	18319932	2.6
AR.N20.VII.1711170	chr18	19072125	19072358	2.40	34.50	0.00	61.50	68.80	19072207	0.6
AR.N20.VII.1711171	chr18	19446430	19446573	2.10	30.50	0.00	60.90	92.90	19446516	0.9
AR.N20.VII.1711172	chr18	19518645	19519084	3.50	25.20	0.00	39.50	60.00	19518789	0.5
AR.N20.VII.1711173	chr18	19559879	19560105	2.50	11.90	0.00	55.60	86.70	19559967	1
AR.N20.VII.1711174	chr18	19660108	19660335	2.40	17.30	0.00	38.50	80.00	19660131	0.7
AR.N20.VII.1711175	chr18	20097197	20097355	1.30	18.60	0.00	57.10	87.50	20097231	0.6
AR.N20.VII.1711176	chr18	20470859	20471047	3.20	11.30	0.00	61.80	100.00	20470960	1
AR.N20.VII.1711177	chr18	22579328	22579598	7.80	37.20	0.00	59.50	62.00	22579438	1.8
AR.N20.VII.1711178	chr18	22891399	22891724	3.00	10.60	0.00	62.50	70.00	22891558	0.8
AR.N20.VII.1711179	chr18	26845486	26845655	1.10	7.60	4.30	56.00	100.00	26845574	0.5
AR.N20.VII.1711180	chr18	27203575	27203694	1.80	26.00	2.50	27.20	82.20	27203592	0.7
AR.N20.VII.1711181	chr18	29761386	29761524	1.20	8.60	0.00	46.20	100.00	29761441	0.6
AR.N20.VII.1711182	chr18	31304494	31304791	7.80	18.60	0.00	47.60	87.50	31304667	1.6
AR.N20.VII.1711183	chr18	31931115	31931351	1.80	25.70	1.70	36.20	100.00	31931210	0.5
AR.N20.VII.1711184	chr18	34630841	34631014	2.80	39.80	0.00	30.00	88.90	34630900	0.9
AR.N20.VII.1711185	chr18	36996260	36996463	2.40	6.90	0.00	66.70	83.30	36996373	0.8
AR.N20.VII.1711186	chr18	37172294	37172628	3.10	44.50	1.50	55.20	100.00	37172573	0.8
AR.N20.VII.1711187	chr18	40404959	40405085	1.40	6.60	0.00	53.30	100.00	40405054	0.7
AR.N20.VII.1711188	chr18	40530959	40531173	1.80	8.40	0.00	52.60	60.00	40531011	0.7
AR.N20.VII.1711189	chr18	41554838	41554936	1.20	8.60	0.00	57.10	87.50	41554870	0.7
AR.N20.VII.1711190	chr18	43299756	43300045	2.60	9.30	0.00	60.70	88.20	43299929	0.8

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711191	chr18	43364882	43365062	3.70	6.60	0.00	52.50	95.20	43364964	1.1
AR.N20.VII.1711192	chr18	43842277	43842445	3.60	17.30	0.00	43.60	100.00	43842366	1.4
AR.N20.VII.1711193	chr18	43982998	43983219	2.20	4.60	0.00	50.00	58.30	43983067	0.6
AR.N20.VII.1711194	chr18	44137600	44137779	6.00	42.50	0.00	57.60	92.10	44137689	2.1
AR.N20.VII.1711195	chr18	44451260	44451364	1.00	7.30	0.00	36.40	100.00	44451332	0.6
AR.N20.VII.1711196	chr18	44514322	44514516	3.40	23.90	0.00	55.60	100.00	44514422	1.1
AR.N20.VII.1711197	chr18	50206516	50206682	5.60	40.20	0.80	36.60	100.00	50206603	2.2
AR.N20.VII.1711198	chr18	50775655	50775843	1.30	9.30	0.00	49.60	85.70	50775751	0.6
AR.N20.VII.1711199	chr18	53895682	53895773	1.10	15.90	0.00	66.70	100.00	53895699	0.7
AR.N20.VII.1711200	chr18	54104047	54104211	2.00	27.90	0.00	57.10	83.30	54104104	0.9
AR.N20.VII.1711201	chr18	54368146	54368482	9.20	21.80	0.50	44.20	79.50	54368248	3.1
AR.N20.VII.1711202	chr18	54370502	54370657	1.20	5.50	4.00	40.00	100.00	54370601	0.5
AR.N20.VII.1711203	chr18	54873212	54873513	4.40	15.60	0.00	52.10	52.00	54873322	0.9
AR.N20.VII.1711204	chr18	55790402	55790570	2.00	8.00	19.00	47.70	100.00	55790510	0.8
AR.N20.VII.1711205	chr18	57741034	57741215	3.40	8.20	13.50	54.10	100.00	57741138	0.7
AR.N20.VII.1711206	chr18	58319233	58319424	4.70	66.40	0.00	41.20	100.00	58319319	1.9
AR.N20.VII.1711207	chr18	66595814	66595989	1.20	6.90	0.00	53.80	100.00	66595896	0.7
AR.N20.VII.1711208	chr18	68006790	68007003	2.80	20.20	4.90	56.60	81.20	68006837	1
AR.N20.VII.1711209	chr18	69008086	69008262	2.40	17.30	0.00	38.50	90.00	69008149	0.9
AR.N20.VII.1711210	chr18	69551764	69551877	1.20	17.30	0.00	46.20	66.70	69551783	0.6
AR.N20.VII.1711211	chr18	69574484	69574920	4.30	61.70	1.10	53.80	76.00	69574724	0.7
AR.N20.VII.1711212	chr18	70100889	70101081	7.40	35.00	0.00	46.80	100.00	70100991	2.6
AR.N20.VII.1711213	chr18	70360596	70360782	1.90	13.30	0.00	35.00	100.00	70360708	0.6
AR.N20.VII.1711214	chr18	74872528	74872702	3.00	10.60	0.00	43.10	92.90	74872599	0.8
AR.N20.VII.1711215	chr18	75352270	75352473	1.60	4.60	1.40	42.00	100.00	75352383	0.6
AR.N20.VII.1711216	chr19	1334323	1334653	3.10	4.70	25.60	59.40	87.60	1334561	0.9
AR.N20.VII.1711217	chr19	1824789	1825031	2.00	4.80	0.00	58.10	76.00	1824883	0.6
AR.N20.VII.1711218	chr19	1983343	1983601	2.10	7.50	2.20	71.10	75.00	1983488	0.6
AR.N20.VII.1711219	chr19	2044408	2044539	2.40	11.90	51.00	72.50	94.60	2044507	1.1
AR.N20.VII.1711220	chr19	2097053	2097232	1.50	10.60	0.00	50.00	100.00	2097171	0.6
AR.N20.VII.1711221	chr19	2479825	2480083	2.50	7.20	0.00	63.00	76.50	2479916	0.7
AR.N20.VII.1711222	chr19	2495045	2495353	5.00	9.00	0.00	37.00	80.00	2495126	1.3
AR.N20.VII.1711223	chr19	3287781	3287979	3.60	5.80	0.00	41.00	81.20	3287908	1.2
AR.N20.VII.1711224	chr19	3380769	3380947	6.10	28.90	0.40	39.80	69.20	3380835	1.7
AR.N20.VII.1711225	chr19	4942647	4942875	18.80	66.90	1.80	51.60	96.30	4942763	5.7
AR.N20.VII.1711226	chr19	4942998	4943394	16.20	37.40	0.30	45.50	96.20	4943160	3.4
AR.N20.VII.1711227	chr19	5220173	5220493	5.20	7.40	1.80	44.60	76.00	5220357	1.6
AR.N20.VII.1711228	chr19	5572317	5572575	1.90	13.30	0.00	55.00	90.90	5572447	0.6
AR.N20.VII.1711229	chr19	5756884	5757058	2.10	6.10	0.00	60.90	92.90	5756978	0.9
AR.N20.VII.1711230	chr19	6744597	6744798	2.40	11.30	5.90	60.80	74.20	6744696	0.6
AR.N20.VII.1711231	chr19	7279472	7279821	4.50	32.30	94.90	41.70	74.20	7279682	1
AR.N20.VII.1711232	chr19	8345064	8345489	2.90	5.50	3.60	49.70	71.20	8345264	0.5
AR.N20.VII.1711233	chr19	10737153	10737380	2.40	8.60	0.00	42.30	81.80	10737243	0.9
AR.N20.VII.1711234	chr19	12963049	12963431	18.30	15.30	0.70	50.20	84.90	12963277	3.8
AR.N20.VII.1711235	chr19	15467062	15467314	4.00	18.80	1.20	43.50	100.00	15467196	1.4
AR.N20.VII.1711236	chr19	16335068	16335226	2.60	12.40	0.00	42.90	83.30	16335169	1.1
AR.N20.VII.1711237	chr19	16705828	16706049	3.40	8.20	0.00	45.90	100.00	16705974	1
AR.N20.VII.1711238	chr19	16834455	16834695	2.30	6.60	0.00	68.00	82.40	16834553	0.9
AR.N20.VII.1711239	chr19	16958191	16958380	3.40	23.90	0.00	55.60	60.00	16958273	0.9
AR.N20.VII.1711240	chr19	18669591	18670961	24.90	4.90	16.50	44.60	73.90	18670644	1.8
AR.N20.VII.1711241	chr19	23797542	23797738	1.50	21.90	3.00	45.50	100.00	23797667	0.6
AR.N20.VII.1711242	chr19	35335402	35335677	4.40	12.50	0.00	46.30	77.30	35335530	1.5
AR.N20.VII.1711243	chr19	35488392	35488472	1.30	17.80	62.70	62.70	100.00	35488441	1.2
AR.N20.VII.1711244	chr19	38093687	38093870	1.50	10.70	6.90	64.90	80.20	38093773	0.7
AR.N20.VII.1711245	chr19	39493364	39493648	5.30	12.60	0.00	49.10	82.10	39493479	1.1
AR.N20.VII.1711246	chr19	39640761	39640966	1.90	8.90	0.00	50.00	100.00	39640877	0.6
AR.N20.VII.1711247	chr19	39654853	39655030	1.20	8.70	1.30	53.20	85.70	39654918	0.6
AR.N20.VII.1711248	chr19	40613309	40613446	1.20	17.70	15.20	53.60	100.00	40613412	0.8
AR.N20.VII.1711249	chr19	43473341	43473549	1.30	9.30	0.00	57.10	100.00	43473522	0.5
AR.N20.VII.1711250	chr19	43558291	43558504	4.20	59.70	0.00	53.30	100.00	43558393	1.4
AR.N20.VII.1711251	chr19	43632280	43632399	1.60	22.80	1.00	70.90	98.60	43632319	1.1
AR.N20.VII.1711252	chr19	45447580	45447707	1.50	4.20	0.00	56.20	44.40	45447600	0.6
AR.N20.VII.1711253	chr19	45659706	45659999	4.70	9.50	2.00	33.00	84.80	45659802	1.5
AR.N20.VII.1711254	chr19	45832227	45832393	1.80	5.00	0.00	68.40	76.90	45832316	0.6
AR.N20.VII.1711255	chr19	48890691	48890931	5.00	35.50	0.90	54.20	79.30	48890758	1.7
AR.N20.VII.1711256	chr19	50938142	50938431	7.00	49.80	0.00	57.30	76.70	50938268	1.3
AR.N20.VII.1711257	chr19	51496054	51496236	2.60	12.40	3.60	64.30	77.80	51496150	1
AR.N20.VII.1711258	chr19	52171644	52171868	1.80	8.40	0.00	50.00	100.00	52171787	0.7
AR.N20.VII.1711259	chr19	54311756	54312033	2.20	10.60	0.00	45.80	100.00	54311947	0.7
AR.N20.VII.1711260	chr19	55205354	55205548	1.40	6.60	0.00	73.30	100.00	55205457	0.6
AR.N20.VII.1711261	chr19	56045855	56046158	3.00	14.20	3.10	48.50	87.50	56046095	0.7
AR.N20.VII.1711262	chr19	56068199	56068406	1.80	5.00	5.30	73.70	100.00	56068339	0.7
AR.N20.VII.1711263	chr19	56084737	56085045	3.80	18.00	1.80	44.80	54.80	56084865	0.7
AR.N20.VII.1711264	chr19	56266160	56266437	2.20	15.00	11.20	65.30	100.00	56266390	0.7
AR.N20.VII.1711265	chr19	57155598	57155853	1.90	8.30	18.60	44.10	50.40	57155621	0.8
AR.N20.VII.1711266	chr19	60879696	60879898	7.50	35.80	0.00	44.40	83.30	60879758	2.3
AR.N20.VII.1711267	chr19	61159697	61159877	1.40	19.30	0.00	37.90	45.50	61159710	0.5
AR.N20.VII.1711268	chr19	62565688	62565875	1.30	18.60	0.00	50.00	100.00	62565837	0.6
AR.N20.VII.1711269	chr19	62708111	62708599	4.10	7.30	71.50	55.50	77.40	62708365	1.1
AR.N20.VII.1711270	chr19	63518137	63518285	1.30	17.90	40.70	48.10	84.60	63518163	0.5
AR.N20.VII.1711271	chr19_random	256643	256748	2.30	32.30	0.00	42.10	80.60	256691	1
AR.N20.VII.1711272	chr1_random	1237434	1237673	2.20	15.90	97.90	39.60	94.70	1237577	0.6
AR.N20.VII.1711273	chr2	548944	549139	1.50	21.20	0.00	37.50	100.00	549031	0.7
AR.N20.VII.1711274	chr2	1614756	1614919	1.50	21.20	0.00	43.80	100.00	1614839	0.6
AR.N20.VII.1711275	chr2	1669567	1669903	5.00	17.90	0.00	51.90	75.00	1669768	1.3

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711276	chr2	3452967	3453340	12.90	18.30	0.00	51.40	81.70	3453073	3.6
AR.N20.VII.1711277	chr2	3849309	3849562	6.40	22.90	1.40	57.90	46.90	3849418	1.7
AR.N20.VII.1711278	chr2	5169340	5169533	3.60	51.10	1.30	64.60	88.20	5169434	1.2
AR.N20.VII.1711279	chr2	7089387	7089946	4.50	4.80	6.40	50.40	100.00	7089681	0.7
AR.N20.VII.1711280	chr2	8283141	8283283	1.30	9.30	0.00	53.30	100.00	8283256	0.7
AR.N20.VII.1711281	chr2	9058633	9059068	9.20	23.30	4.80	48.80	91.00	9058941	2.5
AR.N20.VII.1711282	chr2	10328305	10328533	1.90	6.60	0.00	52.40	54.50	10328394	0.6
AR.N20.VII.1711283	chr2	10463744	10463908	1.40	19.90	0.00	53.30	62.50	10463820	0.5
AR.N20.VII.1711284	chr2	10509968	10510149	1.70	4.80	0.00	61.10	54.50	10510039	0.7
AR.N20.VII.1711285	chr2	11597008	11597334	4.60	10.80	0.00	38.80	68.40	11597147	0.9
AR.N20.VII.1711286	chr2	16784938	16785134	2.20	4.60	0.00	44.00	81.80	16785052	0.8
AR.N20.VII.1711287	chr2	16988404	16988602	1.60	7.50	0.00	41.20	85.70	16988534	0.7
AR.N20.VII.1711288	chr2	17381286	17381491	2.00	13.90	0.00	42.90	88.90	17381418	0.6
AR.N20.VII.1711289	chr2	17840206	17840435	1.80	25.20	0.00	63.20	91.70	17840318	0.7
AR.N20.VII.1711290	chr2	17917757	17917939	1.60	7.50	0.00	44.40	100.00	17917885	0.6
AR.N20.VII.1711291	chr2	18845236	18845491	3.10	43.80	0.00	39.40	69.20	18845339	0.7
AR.N20.VII.1711292	chr2	19189993	19190163	2.10	9.70	0.00	50.00	90.90	19190094	0.7
AR.N20.VII.1711293	chr2	19539683	19539946	1.60	11.30	0.00	41.20	57.10	19539750	0.7
AR.N20.VII.1711294	chr2	20918756	20918987	2.30	11.10	0.00	50.00	84.60	20918866	1.1
AR.N20.VII.1711295	chr2	23015848	23015997	2.10	30.50	0.00	52.20	91.70	23015905	1
AR.N20.VII.1711296	chr2	23484740	23485035	2.50	11.90	0.00	48.10	84.60	23484933	0.7
AR.N20.VII.1711297	chr2	23822136	23822407	2.40	11.50	0.00	46.20	75.00	23822245	0.6
AR.N20.VII.1711298	chr2	26848788	26848996	3.10	21.90	0.00	45.50	100.00	26848929	0.8
AR.N20.VII.1711299	chr2	27127083	27127291	2.20	4.70	19.00	57.10	63.40	27127149	0.6
AR.N20.VII.1711300	chr2	27127562	27127684	1.80	9.00	41.80	47.60	100.00	27127644	0.7
AR.N20.VII.1711301	chr2	28147658	28147884	3.10	44.50	1.50	28.40	100.00	28147752	1.1
AR.N20.VII.1711302	chr2	28822979	28823121	2.70	38.50	0.00	50.00	100.00	28823083	1.1
AR.N20.VII.1711303	chr2	30294315	30294618	3.10	11.00	0.00	57.60	57.90	30294447	0.7
AR.N20.VII.1711304	chr2	30716308	30716467	1.90	26.60	0.00	45.00	77.80	30716331	0.6
AR.N20.VII.1711305	chr2	31396211	31396440	2.90	41.20	0.00	58.10	83.30	31396264	0.7
AR.N20.VII.1711306	chr2	33652889	33653073	1.10	15.30	4.30	30.40	100.00	33652965	0.6
AR.N20.VII.1711307	chr2	35877861	35878011	1.70	11.90	0.00	55.60	90.00	35877940	0.7
AR.N20.VII.1711308	chr2	38219699	38219987	3.50	12.60	0.00	42.10	93.80	38219867	0.9
AR.N20.VII.1711309	chr2	42957013	42957210	3.60	17.00	1.30	49.40	100.00	42957172	0.8
AR.N20.VII.1711310	chr2	46105876	46106005	1.50	10.60	0.00	50.00	100.00	46105978	0.5
AR.N20.VII.1711311	chr2	46947574	46947764	2.70	19.30	0.00	58.60	76.50	46947665	1.1
AR.N20.VII.1711312	chr2	58161845	58162001	2.20	31.90	0.00	50.00	91.70	58161889	0.7
AR.N20.VII.1711313	chr2	62505643	62505884	1.90	5.30	0.00	55.00	63.60	62505760	0.7
AR.N20.VII.1711314	chr2	64987615	64987796	1.20	6.20	3.80	48.10	68.40	64987644	0.5
AR.N20.VII.1711315	chr2	67400097	67400260	1.40	19.90	0.00	60.00	100.00	67400227	0.6
AR.N20.VII.1711316	chr2	67527360	67527562	2.60	18.60	0.00	50.00	71.40	67527432	0.9
AR.N20.VII.1711317	chr2	67642279	67642486	2.90	20.60	0.00	51.60	87.50	67642363	1
AR.N20.VII.1711318	chr2	70595423	70595628	4.30	8.70	0.00	45.70	81.00	70595501	1.1
AR.N20.VII.1711319	chr2	71780932	71781090	3.40	49.10	0.00	51.40	78.90	71780990	1.3
AR.N20.VII.1711320	chr2	73811537	73811695	1.80	25.20	0.00	42.10	100.00	73811660	0.6
AR.N20.VII.1711321	chr2	74064354	74064469	1.20	17.30	0.00	30.80	75.00	74064412	0.6
AR.N20.VII.1711322	chr2	75116264	75116455	1.80	25.20	0.00	36.80	100.00	75116406	0.7
AR.N20.VII.1711323	chr2	75562038	75562231	2.60	12.20	1.80	50.90	92.90	75562169	0.9
AR.N20.VII.1711324	chr2	75574026	75574188	1.30	4.60	0.00	57.10	87.50	75574068	0.6
AR.N20.VII.1711325	chr2	75868918	75869127	2.00	5.60	0.00	56.20	75.00	75869045	0.7
AR.N20.VII.1711326	chr2	76931624	76931810	2.10	30.50	0.00	52.20	100.00	76931726	0.7
AR.N20.VII.1711327	chr2	77319135	77319268	1.50	21.20	0.00	56.20	100.00	77319208	0.5
AR.N20.VII.1711328	chr2	79346680	79346852	2.10	29.20	0.00	68.20	80.00	79346743	0.8
AR.N20.VII.1711329	chr2	79872744	79873017	4.10	19.70	1.10	50.60	84.40	79872875	1.1
AR.N20.VII.1711330	chr2	82775591	82775792	1.60	5.60	0.00	64.70	72.70	82775669	0.6
AR.N20.VII.1711331	chr2	83974764	83975007	2.20	7.00	7.30	56.20	82.40	83974864	0.7
AR.N20.VII.1711332	chr2	85039273	85039421	2.00	14.30	2.30	72.10	80.60	85039337	0.8
AR.N20.VII.1711333	chr2	85629864	85629997	1.70	6.00	0.00	44.40	100.00	85629946	0.9
AR.N20.VII.1711334	chr2	85789341	85789593	28.80	410.50	0.70	49.20	90.20	85789445	7.4
AR.N20.VII.1711335	chr2	96367724	96367871	1.40	20.10	0.00	60.30	67.10	96367782	0.6
AR.N20.VII.1711336	chr2	98257839	98258000	1.10	8.00	0.00	50.00	100.00	98257970	0.5
AR.N20.VII.1711337	chr2	99847885	99848103	2.80	39.80	0.00	36.70	100.00	99847981	0.9
AR.N20.VII.1711338	chr2	99981891	99982140	12.50	59.30	0.00	54.80	95.90	99982030	4.3
AR.N20.VII.1711339	chr2	100050687	100051111	5.70	40.80	0.80	59.30	86.30	100050940	1.7
AR.N20.VII.1711340	chr2	101063147	101063582	3.70	7.60	0.00	51.20	90.50	101063451	0.6
AR.N20.VII.1711341	chr2	101103538	101103804	2.30	5.50	0.00	64.00	68.80	101103612	0.6
AR.N20.VII.1711342	chr2	101878799	101879099	14.30	101.70	0.10	53.10	85.50	101878897	4.8
AR.N20.VII.1711343	chr2	102103648	102103860	2.30	16.60	0.00	40.00	80.00	102103725	0.8
AR.N20.VII.1711344	chr2	105232825	105233076	3.40	11.90	0.00	35.10	92.30	105232971	1
AR.N20.VII.1711345	chr2	105299014	105299130	1.30	17.90	3.70	63.00	88.20	105299058	0.6
AR.N20.VII.1711346	chr2	107694149	107694373	2.70	19.30	0.00	27.60	100.00	107694265	1.1
AR.N20.VII.1711347	chr2	107694913	107695198	2.90	10.30	0.00	41.90	92.30	107695071	0.8
AR.N20.VII.1711348	chr2	108203081	108203286	6.40	18.30	0.00	51.40	94.40	108203151	2
AR.N20.VII.1711349	chr2	108615323	108615545	3.10	21.90	0.00	51.50	88.20	108615426	1
AR.N20.VII.1711350	chr2	110081787	110082036	1.70	4.50	97.30	40.50	93.30	110081920	0.5
AR.N20.VII.1711351	chr2	110596434	110596683	1.70	4.50	97.30	62.20	73.90	110596546	0.5
AR.N20.VII.1711352	chr2	111458778	111459013	4.20	14.90	0.00	51.10	73.90	111458835	1
AR.N20.VII.1711353	chr2	113062654	113062827	6.10	17.30	0.00	48.60	91.20	113062730	2.7
AR.N20.VII.1711354	chr2	118452694	118452843	1.60	19.70	11.40	39.10	90.80	118452785	1.1
AR.N20.VII.1711355	chr2	119811832	119812158	8.40	29.90	0.00	42.20	97.40	119812056	1.9
AR.N20.VII.1711356	chr2	119840311	119840475	1.80	10.10	0.00	36.80	85.70	119840401	1
AR.N20.VII.1711357	chr2	121291690	121291875	1.80	12.80	1.70	34.40	100.00	121291802	0.6
AR.N20.VII.1711358	chr2	121429629	121429823	3.00	14.40	1.50	29.20	100.00	121429735	1.1
AR.N20.VII.1711359	chr2	121734813	121734990	2.60	12.20	1.80	47.30	84.60	121734875	0.9
AR.N20.VII.1711360	chr2	122101357	122101493	1.70	23.90	0.00	61.10	90.90	122101455	0.5

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711361	chr2	122840562	122840714	1.30	9.30	0.00	57.10	87.50	122840648	0.5
AR.N20.VII.1711362	chr2	129575310	129575479	3.30	47.10	1.40	49.30	62.90	129575338	1
AR.N20.VII.1711363	chr2	129808887	129809083	2.30	4.10	0.00	44.00	81.80	129808987	0.6
AR.N20.VII.1711364	chr2	131098791	131099054	1.30	15.80	63.00	46.80	84.50	131098927	0.5
AR.N20.VII.1711365	chr2	131594869	131595255	2.20	6.40	0.00	62.50	53.30	131595036	0.6
AR.N20.VII.1711366	chr2	134931996	134932123	3.50	16.60	1.30	68.00	80.40	134932063	0.9
AR.N20.VII.1711367	chr2	135313778	135313991	5.00	14.30	0.00	47.70	100.00	135313914	1.1
AR.N20.VII.1711368	chr2	135637431	135637622	1.40	20.60	3.20	51.60	75.00	135637535	0.7
AR.N20.VII.1711369	chr2	136546772	136546937	1.40	9.30	32.70	31.90	100.00	136546890	0.7
AR.N20.VII.1711370	chr2	138500192	138500392	1.40	19.90	0.00	66.70	100.00	138500364	0.5
AR.N20.VII.1711371	chr2	139367896	139368086	5.30	75.70	0.00	62.10	94.40	139367980	2.1
AR.N20.VII.1711372	chr2	146348603	146348737	1.10	15.90	0.00	50.00	66.70	146348659	0.6
AR.N20.VII.1711373	chr2	147759138	147759265	2.40	34.50	0.00	53.80	57.10	147759160	0.8
AR.N20.VII.1711374	chr2	147961910	147962189	3.70	53.10	0.00	60.00	91.70	147962082	0.9
AR.N20.VII.1711375	chr2	150731082	150731318	3.90	27.90	0.00	57.10	83.30	150731200	1.4
AR.N20.VII.1711376	chr2	150892906	150893150	3.30	46.50	0.00	74.30	73.10	150893031	0.9
AR.N20.VII.1711377	chr2	150927586	150927648	1.20	6.90	87.10	34.80	87.00	150927621	1
AR.N20.VII.1711378	chr2	151059464	151059614	2.10	15.30	0.00	52.20	91.70	151059516	0.7
AR.N20.VII.1711379	chr2	151170499	151170717	1.80	6.60	3.80	58.90	70.10	151170576	0.7
AR.N20.VII.1711380	chr2	151177813	151178022	8.90	126.10	0.00	44.20	97.60	151177940	2.1
AR.N20.VII.1711381	chr2	155152768	155152870	1.20	12.90	0.00	38.50	100.00	155152841	0.7
AR.N20.VII.1711382	chr2	157063180	157063301	1.30	18.20	5.10	62.00	100.00	157063255	0.6
AR.N20.VII.1711383	chr2	159658259	159658509	2.10	30.50	0.00	69.60	100.00	159658437	0.7
AR.N20.VII.1711384	chr2	160472741	160472959	3.50	20.20	0.00	55.30	76.20	160472828	1.3
AR.N20.VII.1711385	chr2	160785308	160785500	1.20	17.30	0.00	46.20	83.30	160785418	0.5
AR.N20.VII.1711386	chr2	162649459	162649707	2.10	29.20	0.00	40.90	100.00	162649587	0.5
AR.N20.VII.1711387	chr2	162654101	162654326	3.00	14.30	1.00	40.20	76.90	162654153	1.1
AR.N20.VII.1711388	chr2	163932684	163932881	1.50	21.20	0.00	50.00	50.00	163932737	0.6
AR.N20.VII.1711389	chr2	164241773	164241942	2.40	17.30	0.00	57.70	46.70	164241823	0.6
AR.N20.VII.1711390	chr2	168651692	168651968	6.70	19.10	0.00	54.10	87.50	168651828	1.9
AR.N20.VII.1711391	chr2	168843211	168843549	3.70	26.70	1.50	48.00	89.70	168843458	0.9
AR.N20.VII.1711392	chr2	169091629	169091782	1.60	22.60	0.00	70.60	66.70	169091665	0.7
AR.N20.VII.1711393	chr2	172661827	172662018	2.70	9.60	0.00	48.30	100.00	172661897	1.6
AR.N20.VII.1711394	chr2	172728431	172728667	2.80	13.30	0.00	36.70	100.00	172728579	0.8
AR.N20.VII.1711395	chr2	174424411	174424650	2.00	13.90	0.00	60.90	100.00	174424559	0.6
AR.N20.VII.1711396	chr2	176179547	176179752	5.00	35.80	0.00	46.30	100.00	176179649	1.4
AR.N20.VII.1711397	chr2	177057818	177058037	2.20	15.90	0.00	50.00	58.30	177057860	0.6
AR.N20.VII.1711398	chr2	177129410	177129605	2.10	29.20	0.00	68.20	100.00	177129549	0.8
AR.N20.VII.1711399	chr2	178171433	178171512	1.40	19.90	0.00	62.50	100.00	178171478	0.7
AR.N20.VII.1711400	chr2	179482657	179482858	2.10	30.50	0.00	47.80	63.60	179482697	0.6
AR.N20.VII.1711401	chr2	180147283	180147500	1.60	22.60	0.00	64.70	81.80	180147384	0.5
AR.N20.VII.1711402	chr2	181372222	181372425	2.30	11.10	0.00	66.70	94.40	181372316	0.8
AR.N20.VII.1711403	chr2	188114763	188115017	4.50	63.70	0.00	50.00	100.00	188114910	1.4
AR.N20.VII.1711404	chr2	188559382	188559660	7.70	55.10	0.00	60.20	96.00	188559511	2.3
AR.N20.VII.1711405	chr2	189146427	189146747	10.20	144.70	0.00	54.10	84.70	189146546	2.8
AR.N20.VII.1711406	chr2	192505281	192505473	4.70	33.20	0.00	43.10	100.00	192505364	1.4
AR.N20.VII.1711407	chr2	193023695	193023869	2.30	16.60	0.00	42.30	100.00	193023803	0.7
AR.N20.VII.1711408	chr2	194048091	194048386	4.60	65.10	0.00	51.00	80.00	194048244	1
AR.N20.VII.1711409	chr2	195611250	195611407	2.10	29.20	0.00	40.90	100.00	195611332	1
AR.N20.VII.1711410	chr2	195936634	195936734	1.00	4.90	0.00	54.50	100.00	195936680	0.7
AR.N20.VII.1711411	chr2	196779906	196780041	1.80	8.40	0.00	63.20	100.00	196780005	0.7
AR.N20.VII.1711412	chr2	198186456	198186658	1.70	8.00	0.00	66.70	91.70	198186600	0.7
AR.N20.VII.1711413	chr2	203129293	203129461	2.20	6.40	0.00	54.20	84.60	203129368	0.7
AR.N20.VII.1711414	chr2	207396246	207396484	10.50	50.00	0.00	45.20	71.20	207396319	2.8
AR.N20.VII.1711415	chr2	209125909	209126089	1.40	10.00	0.00	66.70	70.00	209125949	0.5
AR.N20.VII.1711416	chr2	210806590	210806827	10.30	73.50	2.40	45.50	92.10	210806727	3
AR.N20.VII.1711417	chr2	211754775	211754982	2.00	27.90	0.00	57.10	91.70	211754882	0.7
AR.N20.VII.1711418	chr2	211981507	211981779	3.30	23.20	0.00	48.60	94.10	211981627	0.7
AR.N20.VII.1711419	chr2	213889484	213889676	2.80	13.30	0.00	46.70	100.00	213889631	1
AR.N20.VII.1711420	chr2	214951669	214951902	2.20	15.90	0.00	37.50	88.90	214951781	0.7
AR.N20.VII.1711421	chr2	217451079	217451362	2.50	11.90	0.00	44.40	58.30	217451167	0.6
AR.N20.VII.1711422	chr2	217913241	217913425	2.10	14.90	2.20	51.10	100.00	217913378	0.6
AR.N20.VII.1711423	chr2	218438408	218438668	2.30	11.10	0.00	52.00	69.20	218438512	0.7
AR.N20.VII.1711424	chr2	219017765	219017823	2.10	10.20	0.00	66.70	93.80	219017775	2.1
AR.N20.VII.1711425	chr2	222183696	222183901	9.10	26.00	0.00	57.00	77.20	222183785	2.6
AR.N20.VII.1711426	chr2	223369692	223370006	2.80	19.70	2.40	55.60	87.90	223369910	0.7
AR.N20.VII.1711427	chr2	223793296	223793513	5.70	81.00	1.60	57.90	91.80	223793400	2.3
AR.N20.VII.1711428	chr2	226414181	226414622	3.90	18.70	3.00	61.50	76.90	226414450	0.9
AR.N20.VII.1711429	chr2	227250160	227250323	2.40	34.50	0.00	30.80	100.00	227250250	1.2
AR.N20.VII.1711430	chr2	227311796	227312016	5.60	79.70	0.00	60.00	77.80	227311909	1.5
AR.N20.VII.1711431	chr2	228150664	228150828	1.50	7.10	0.00	56.20	66.70	228150684	0.7
AR.N20.VII.1711432	chr2	230258673	230258786	1.10	15.90	0.00	50.00	100.00	230258745	0.7
AR.N20.VII.1711433	chr2	234141146	234141398	2.60	6.60	3.50	46.50	92.30	234141271	0.8
AR.N20.VII.1711434	chr2	234942386	234942643	3.70	10.60	0.00	37.50	100.00	234942550	1.3
AR.N20.VII.1711435	chr2	235626359	235626642	4.20	29.90	0.00	56.50	69.20	235626510	1
AR.N20.VII.1711436	chr2	236237391	236237587	2.30	8.30	0.00	44.00	100.00	236237528	0.9
AR.N20.VII.1711437	chr2	237151540	237151753	1.90	5.30	0.00	40.00	87.50	237151588	0.6
AR.N20.VII.1711438	chr2	237253416	237253604	5.60	26.60	0.00	39.30	100.00	237253511	2
AR.N20.VII.1711439	chr2	238023038	238023180	1.30	15.50	0.00	28.60	50.00	238023103	0.6
AR.N20.VII.1711440	chr2	238076015	238076152	2.00	9.30	0.00	42.90	100.00	238076111	0.7
AR.N20.VII.1711441	chr2	238603830	238603990	1.20	16.60	4.00	52.00	92.30	238603851	0.5
AR.N20.VII.1711442	chr2	238817564	238817882	4.50	32.20	1.00	37.10	100.00	238817761	1.4
AR.N20.VII.1711443	chr2	239738553	239738652	1.20	17.30	0.00	69.20	77.80	239738587	0.7
AR.N20.VII.1711444	chr2	239903762	239903973	1.60	4.50	0.00	58.80	60.00	239903809	0.5
AR.N20.VII.1711445	chr2	239983471	239983594	1.00	7.30	0.00	36.40	75.00	239983544	0.6

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711446	chr2	241681501	241681790	3.80	9.10	87.80	46.30	50.90	241681594	0.7
AR.N20.VII.1711447	chr2	241690440	241690580	1.30	9.30	0.00	28.60	50.00	241690492	0.6
AR.N20.VII.1711448	chr2	242050008	242050338	1.50	7.10	0.00	41.20	57.10	242050219	0.6
AR.N20.VII.1711449	chr2	242138511	242138654	1.90	7.60	0.00	60.00	100.00	242138626	0.8
AR.N20.VII.1711450	chr2	242689004	242689183	1.20	17.30	0.00	46.20	100.00	242689093	0.6
AR.N20.VII.1711451	chr20	630482	630689	4.60	21.70	0.00	42.90	95.20	630602	1.4
AR.N20.VII.1711452	chr20	819972	820204	5.60	26.60	1.70	53.30	78.50	820097	1.2
AR.N20.VII.1711453	chr20	4099696	4099912	2.80	13.50	1.60	42.60	92.30	4099783	1.1
AR.N20.VII.1711454	chr20	8023065	8023271	2.70	38.50	0.00	48.30	100.00	8023180	1
AR.N20.VII.1711455	chr20	8744680	8744861	1.90	26.60	0.00	47.60	100.00	8744802	0.7
AR.N20.VII.1711456	chr20	9235326	9235534	3.20	11.30	0.00	47.10	75.00	9235401	1.1
AR.N20.VII.1711457	chr20	9263668	9263823	1.60	22.60	0.00	50.00	100.00	9263741	0.6
AR.N20.VII.1711458	chr20	10587431	10587654	2.50	35.20	0.00	39.60	100.00	10587572	0.8
AR.N20.VII.1711459	chr20	10790233	10790531	1.80	12.60	0.00	36.80	85.70	10790392	0.5
AR.N20.VII.1711460	chr20	11086202	11086431	1.90	4.40	0.00	75.00	100.00	11086381	0.8
AR.N20.VII.1711461	chr20	11218282	11218415	1.10	15.90	0.00	58.30	71.40	11218317	0.6
AR.N20.VII.1711462	chr20	11338302	11338484	2.20	15.90	0.00	45.80	81.80	11338390	0.6
AR.N20.VII.1711463	chr20	11959179	11959370	2.20	6.40	0.00	50.00	91.70	11959329	0.8
AR.N20.VII.1711464	chr20	14137730	14137859	1.70	23.90	0.00	52.60	100.00	14137808	0.7
AR.N20.VII.1711465	chr20	17934825	17935014	2.90	8.40	1.60	55.60	100.00	17934956	0.9
AR.N20.VII.1711466	chr20	19893326	19893515	2.40	4.30	0.00	42.30	45.50	19893355	0.8
AR.N20.VII.1711467	chr20	19895629	19895950	4.20	14.90	0.00	51.10	95.70	19895833	1.3
AR.N20.VII.1711468	chr20	20014561	20014771	2.10	29.20	0.00	63.60	71.40	20014637	0.6
AR.N20.VII.1711469	chr20	21207666	21207764	1.00	4.90	0.00	63.60	85.70	21207707	0.6
AR.N20.VII.1711470	chr20	21918253	21918447	4.30	61.10	0.00	63.00	96.60	21918338	1.6
AR.N20.VII.1711471	chr20	21922991	21923146	3.70	13.30	0.00	52.50	52.40	21923012	1.1
AR.N20.VII.1711472	chr20	22224804	22224928	2.80	19.90	0.00	63.30	89.50	22224885	1.3
AR.N20.VII.1711473	chr20	24968417	24968717	2.50	6.00	0.00	55.60	100.00	24968641	0.8
AR.N20.VII.1711474	chr20	25202287	25202471	2.70	12.60	1.80	54.20	87.50	25202387	1
AR.N20.VII.1711475	chr20	25208795	25209119	6.30	5.60	0.00	46.40	75.00	25208929	1.3
AR.N20.VII.1711476	chr20	25239053	25239280	1.40	5.00	0.00	40.00	100.00	25239181	0.6
AR.N20.VII.1711477	chr20	30119062	30119285	10.50	25.00	0.90	52.20	96.60	30119197	3.9
AR.N20.VII.1711478	chr20	30796497	30796797	2.00	7.00	0.00	66.70	78.60	30796722	0.5
AR.N20.VII.1711479	chr20	31783873	31784329	12.30	17.60	0.40	45.30	90.00	31784163	3.3
AR.N20.VII.1711480	chr20	32304262	32304412	4.70	50.60	13.30	47.00	83.10	32304290	2.5
AR.N20.VII.1711481	chr20	32315636	32315869	11.30	24.80	2.10	52.30	100.00	32315800	3
AR.N20.VII.1711482	chr20	33259527	33259754	4.10	19.50	0.00	43.20	100.00	33259688	1.3
AR.N20.VII.1711483	chr20	33958740	33958979	1.70	8.00	0.00	38.90	100.00	33958930	0.6
AR.N20.VII.1711484	chr20	34218583	34218626	13.10	46.80	0.00	47.20	100.00	34218590	13.1
AR.N20.VII.1711485	chr20	34686116	34686334	2.50	9.00	0.00	59.30	50.00	34686171	0.7
AR.N20.VII.1711486	chr20	34875652	34875940	3.00	5.30	0.00	53.10	88.20	34875812	0.8
AR.N20.VII.1711487	chr20	35365609	35365797	3.60	15.50	0.00	51.30	90.00	35365735	1.2
AR.N20.VII.1711488	chr20	36051546	36051798	1.50	10.60	0.00	43.80	100.00	36051723	0.6
AR.N20.VII.1711489	chr20	36171044	36171268	3.50	25.20	0.00	51.30	80.00	36171164	1.3
AR.N20.VII.1711490	chr20	36667003	36667261	4.00	19.00	0.00	44.20	73.70	36667056	1
AR.N20.VII.1711491	chr20	37062356	37062514	1.40	10.00	0.00	66.70	80.00	37062403	0.7
AR.N20.VII.1711492	chr20	38530956	38531147	2.30	33.20	0.00	36.00	100.00	38531086	0.8
AR.N20.VII.1711493	chr20	39712650	39712914	3.20	45.10	0.00	44.10	93.30	39712786	1
AR.N20.VII.1711494	chr20	41911928	41912219	2.90	6.90	0.00	35.50	100.00	41912119	0.9
AR.N20.VII.1711495	chr20	42776345	42776479	1.30	9.50	1.80	47.80	84.80	42776411	0.6
AR.N20.VII.1711496	chr20	43062040	43062288	1.70	12.30	2.70	51.40	84.20	43062141	0.5
AR.N20.VII.1711497	chr20	43577714	43577951	10.60	75.20	1.20	48.10	77.10	43577785	2.5
AR.N20.VII.1711498	chr20	45039001	45039238	2.30	16.30	2.00	38.80	73.70	45039137	0.8
AR.N20.VII.1711499	chr20	45380980	45381157	2.30	4.70	0.00	72.00	77.80	45381035	0.8
AR.N20.VII.1711500	chr20	45526645	45526835	1.40	10.00	0.00	68.80	81.80	45526736	0.6
AR.N20.VII.1711501	chr20	45773247	45773393	1.70	11.90	0.00	50.00	100.00	45773342	0.8
AR.N20.VII.1711502	chr20	47565660	47565834	1.60	7.30	0.00	64.70	90.90	47565728	0.6
AR.N20.VII.1711503	chr20	47633721	47633972	11.20	39.80	0.00	53.70	93.80	47633834	3.7
AR.N20.VII.1711504	chr20	48445281	48445580	2.20	15.60	19.10	51.10	87.50	48445428	0.8
AR.N20.VII.1711505	chr20	48465397	48465846	5.80	5.20	4.00	57.60	87.50	48465748	1.4
AR.N20.VII.1711506	chr20	48588342	48588522	1.80	8.40	0.00	36.80	100.00	48588416	0.7
AR.N20.VII.1711507	chr20	49171801	49171998	3.40	16.40	0.00	44.70	100.00	49171950	1.3
AR.N20.VII.1711508	chr20	50656468	50656651	2.90	8.20	0.00	48.40	80.00	50656513	1.3
AR.N20.VII.1711509	chr20	53035092	53035316	3.00	42.50	0.00	62.50	90.00	53035205	0.9
AR.N20.VII.1711510	chr20	54613220	54613349	2.10	14.60	0.00	63.60	71.40	54613254	0.8
AR.N20.VII.1711511	chr20	55694101	55694291	1.30	9.30	0.00	57.10	100.00	55694193	0.6
AR.N20.VII.1711512	chr20	55766422	55766598	1.10	15.90	0.00	25.00	66.70	55766468	0.6
AR.N20.VII.1711513	chr20	55771768	55772006	5.50	78.30	0.00	45.80	92.60	55771868	1.8
AR.N20.VII.1711514	chr20	55781787	55782004	8.20	58.70	0.60	49.70	95.50	55781904	2.2
AR.N20.VII.1711515	chr20	57308482	57308673	2.30	10.80	2.00	56.90	86.20	57308576	0.8
AR.N20.VII.1711516	chr20	57834661	57835255	6.20	4.50	0.00	59.10	53.80	57834971	1.3
AR.N20.VII.1711517	chr20	58061852	58062152	2.00	13.90	0.00	63.60	64.30	58062045	0.5
AR.N20.VII.1711518	chr20	60223643	60223850	1.30	9.30	0.00	50.00	100.00	60223819	0.6
AR.N20.VII.1711519	chr21	16374185	16374384	5.30	75.70	0.00	67.20	76.90	16374296	1.5
AR.N20.VII.1711520	chr21	25235872	25236066	2.80	13.50	1.60	36.10	63.60	25235950	0.7
AR.N20.VII.1711521	chr21	26418824	26419042	2.30	16.60	0.00	44.00	100.00	26418946	0.7
AR.N20.VII.1711522	chr21	26432909	26433129	1.60	22.60	0.00	47.10	87.50	26433009	0.6
AR.N20.VII.1711523	chr21	27449457	27449567	1.60	11.30	0.00	35.30	83.30	27449477	0.7
AR.N20.VII.1711524	chr21	28432129	28432246	1.20	17.30	0.00	46.20	100.00	28432189	0.7
AR.N20.VII.1711525	chr21	28734191	28734393	12.20	57.80	0.40	39.80	100.00	28734297	4
AR.N20.VII.1711526	chr21	29252027	29252254	6.00	28.30	0.00	45.30	100.00	29252140	1.4
AR.N20.VII.1711527	chr21	29440368	29440552	1.90	13.30	0.00	50.00	100.00	29440457	0.6
AR.N20.VII.1711528	chr21	29730388	29730597	1.80	8.40	0.00	31.60	100.00	29730498	0.6
AR.N20.VII.1711529	chr21	31036556	31036695	1.00	8.80	27.70	58.00	69.20	31036605	0.7
AR.N20.VII.1711530	chr21	31561959	31562130	3.30	46.50	0.00	38.90	100.00	31562037	1.1

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711531	chr21	32705838	32706011	6.70	23.70	0.70	39.50	93.10	32705910	2.4
AR.N20.VII.1711532	chr21	33598894	33599117	2.10	30.50	0.00	52.20	75.00	33598966	0.6
AR.N20.VII.1711533	chr21	36800356	36800504	2.00	13.30	0.00	57.10	91.70	36800457	1
AR.N20.VII.1711534	chr21	37940621	37940834	1.90	6.60	0.00	42.90	100.00	37940805	0.6
AR.N20.VII.1711535	chr21	38374932	38375154	5.20	36.80	0.90	47.80	85.20	38375002	1.6
AR.N20.VII.1711536	chr21	40739156	40739301	1.20	16.60	4.00	40.00	100.00	40739223	0.5
AR.N20.VII.1711537	chr21	40876988	40877077	1.10	8.00	0.00	50.00	100.00	40877015	0.6
AR.N20.VII.1711538	chr21	40935877	40936051	3.80	54.40	0.00	58.50	100.00	40935956	2
AR.N20.VII.1711539	chr21	41339748	41339933	2.70	18.90	1.80	54.40	100.00	41339861	1.2
AR.N20.VII.1711540	chr21	41459144	41459330	1.10	5.30	0.00	66.70	100.00	41459254	0.6
AR.N20.VII.1711541	chr21	41815526	41815698	2.50	17.90	0.00	70.40	73.70	41815591	0.7
AR.N20.VII.1711542	chr21	41877211	41877335	1.20	8.60	0.00	64.30	77.80	41877283	0.6
AR.N20.VII.1711543	chr21	42278229	42278363	1.00	14.60	0.00	54.50	100.00	42278281	0.6
AR.N20.VII.1711544	chr21	42523578	42523689	1.20	17.30	0.00	57.10	100.00	42523622	0.7
AR.N20.VII.1711545	chr21	42965265	42965569	8.90	63.10	0.00	57.30	80.00	42965364	2.6
AR.N20.VII.1711546	chr21	43024695	43024909	10.10	35.80	0.00	52.70	72.40	43024781	2.4
AR.N20.VII.1711547	chr21	43587557	43587692	1.20	4.30	0.00	38.50	100.00	43587648	0.6
AR.N20.VII.1711548	chr21	44432886	44433164	3.90	13.90	0.00	40.50	94.10	44433049	1.3
AR.N20.VII.1711549	chr21	44981044	44981259	5.70	8.20	0.80	53.70	87.90	44981141	1.8
AR.N20.VII.1711550	chr21	45350327	45350470	1.60	7.50	0.00	61.10	54.50	45350355	0.6
AR.N20.VII.1711551	chr21	45470370	45470591	4.80	34.50	0.00	51.90	96.30	45470510	1
AR.N20.VII.1711552	chr21	45665967	45666103	1.50	4.20	0.00	35.30	83.30	45666017	0.6
AR.N20.VII.1711553	chr21	46406774	46406859	1.60	11.30	0.00	52.60	70.00	46406795	0.9
AR.N20.VII.1711554	chr21	46866363	46866492	1.30	18.60	0.00	28.60	100.00	46866465	0.5
AR.N20.VII.1711555	chr22	14487670	14487910	1.40	4.80	64.00	34.20	100.00	14487829	0.6
AR.N20.VII.1711556	chr22	17198389	17198675	5.80	21.10	98.90	46.80	82.50	17198520	1.6
AR.N20.VII.1711557	chr22	17975019	17975210	3.40	6.10	0.00	40.50	73.30	17975076	0.8
AR.N20.VII.1711558	chr22	18096176	18096324	1.40	20.60	3.20	54.80	88.20	18096227	0.6
AR.N20.VII.1711559	chr22	19829206	19829504	5.80	19.90	98.90	50.60	86.90	19829349	1.6
AR.N20.VII.1711560	chr22	19949630	19949916	5.80	21.10	98.90	46.80	82.50	19949761	1.6
AR.N20.VII.1711561	chr22	20392044	20392245	1.80	25.20	0.00	57.90	81.80	20392145	0.5
AR.N20.VII.1711562	chr22	21232358	21232590	2.70	9.70	1.10	38.60	91.20	21232487	1.3
AR.N20.VII.1711563	chr22	22140205	22140401	1.40	9.40	25.50	38.60	100.00	22140321	0.6
AR.N20.VII.1711564	chr22	22611023	22611263	3.20	12.90	97.10	55.90	76.30	22611159	0.9
AR.N20.VII.1711565	chr22	22693855	22694095	3.20	12.90	97.10	55.90	76.30	22693991	0.9
AR.N20.VII.1711566	chr22	23321924	23322108	2.30	16.60	0.00	48.00	75.00	23321986	0.7
AR.N20.VII.1711567	chr22	28243674	28243938	5.90	83.60	0.00	58.70	91.90	28243825	1.9
AR.N20.VII.1711568	chr22	28289694	28289819	2.00	9.30	0.00	66.70	85.70	28289729	0.7
AR.N20.VII.1711569	chr22	29017022	29017319	3.40	6.80	0.00	41.70	100.00	29017210	1
AR.N20.VII.1711570	chr22	31505887	31505995	1.20	17.30	0.00	61.50	62.50	31505898	0.6
AR.N20.VII.1711571	chr22	33791756	33791934	2.00	7.00	0.00	54.50	66.70	33791809	0.6
AR.N20.VII.1711572	chr22	33917516	33917777	3.30	31.60	4.80	61.60	52.30	33917602	1.1
AR.N20.VII.1711573	chr22	37481305	37481435	1.50	7.10	0.00	56.20	66.70	37481362	0.6
AR.N20.VII.1711574	chr22	38694640	38694809	2.10	9.70	0.00	63.60	57.10	38694686	0.6
AR.N20.VII.1711575	chr22	39458717	39458895	2.80	13.30	0.00	50.00	93.30	39458826	1
AR.N20.VII.1711576	chr22	39988013	39988256	1.90	5.30	0.00	55.00	63.60	39988076	0.6
AR.N20.VII.1711577	chr22	40143952	40144235	10.70	21.80	0.00	47.40	94.50	40144121	2.3
AR.N20.VII.1711578	chr22	40959297	40959502	3.90	18.60	0.00	42.90	100.00	40959402	1.2
AR.N20.VII.1711579	chr22	41652061	41652273	1.70	4.80	0.00	55.60	100.00	41652192	0.7
AR.N20.VII.1711580	chr22	43419658	43419847	2.70	38.50	0.00	37.90	100.00	43419786	1.1
AR.N20.VII.1711581	chr22	43633459	43633637	2.00	9.20	69.60	50.30	50.00	43633499	0.6
AR.N20.VII.1711582	chr22	43641109	43641287	1.60	7.50	94.30	48.70	89.80	43641248	0.6
AR.N20.VII.1711583	chr22	43893223	43893421	4.00	56.50	5.90	68.30	89.70	43893324	1.8
AR.N20.VII.1711584	chr22	43965137	43965323	3.90	27.90	0.00	44.20	100.00	43965229	1.2
AR.N20.VII.1711585	chr22	44584046	44584235	3.90	13.90	2.00	68.90	96.50	44584170	1.3
AR.N20.VII.1711586	chr22	44749815	44750062	7.50	26.60	0.00	43.90	88.90	44749934	2.4
AR.N20.VII.1711587	chr22	44842366	44842560	1.50	10.60	0.00	35.30	100.00	44842496	0.5
AR.N20.VII.1711588	chr22	45844132	45845534	12.60	8.50	71.00	56.20	66.80	45845088	0.9
AR.N20.VII.1711589	chr22	46066970	46067161	4.60	32.50	0.00	56.00	92.90	46067068	1.2
AR.N20.VII.1711590	chr22	48577487	48577705	3.00	4.70	0.00	50.00	87.50	48577586	1.1
AR.N20.VII.1711591	chr22	48611650	48611793	2.60	7.40	0.00	67.90	94.70	48611750	0.9
AR.N20.VII.1711592	chr22	48729041	48729292	7.40	21.00	0.00	48.80	94.90	48729143	2.3
AR.N20.VII.1711593	chr22	48993972	48994146	2.60	37.20	17.90	65.50	73.70	48994045	1
AR.N20.VII.1711594	chr3	2886657	28866939	4.10	11.80	0.80	63.90	100.00	28866833	1.8
AR.N20.VII.1711595	chr3	3503467	3503658	2.10	30.50	0.00	56.00	100.00	3503579	0.9
AR.N20.VII.1711596	chr3	4339410	4339591	2.20	31.10	1.70	61.50	100.00	4339497	0.7
AR.N20.VII.1711597	chr3	4705265	4705435	1.40	19.90	0.00	46.70	100.00	4705381	0.6
AR.N20.VII.1711598	chr3	5005741	5005959	1.50	10.60	0.00	31.20	100.00	5005907	0.6
AR.N20.VII.1711599	chr3	7177518	7177703	5.00	20.40	24.80	51.10	100.00	7177618	1.9
AR.N20.VII.1711600	chr3	7399154	7399340	2.30	33.20	0.00	56.00	100.00	7399293	0.7
AR.N20.VII.1711601	chr3	9211465	9211619	1.30	6.20	0.00	42.90	100.00	9211550	0.9
AR.N20.VII.1711602	chr3	9791213	9791431	1.90	27.20	2.40	61.00	92.00	9791347	0.7
AR.N20.VII.1711603	chr3	12995972	12996122	2.10	7.60	0.00	56.50	100.00	12996071	0.9
AR.N20.VII.1711604	chr3	14245637	14245860	2.20	17.90	16.90	46.10	90.80	14245742	0.7
AR.N20.VII.1711605	chr3	14265646	14265853	2.40	17.30	0.00	38.50	90.00	14265747	0.6
AR.N20.VII.1711606	chr3	14312372	14312569	2.80	39.80	0.00	56.70	100.00	14312490	0.9
AR.N20.VII.1711607	chr3	14640214	14640439	1.90	5.30	0.00	50.00	90.00	14640278	0.8
AR.N20.VII.1711608	chr3	15690189	15690321	1.80	12.60	0.00	50.00	100.00	15690254	0.6
AR.N20.VII.1711609	chr3	15798637	15798806	1.00	7.30	0.00	54.50	100.00	15798732	0.5
AR.N20.VII.1711610	chr3	17822195	17822387	2.30	33.20	0.00	68.00	58.80	17822241	0.7
AR.N20.VII.1711611	chr3	18163100	18163262	1.30	6.20	0.00	50.00	100.00	18163160	0.5
AR.N20.VII.1711612	chr3	21660371	21660615	5.90	21.10	0.80	46.50	96.60	21660508	1.9
AR.N20.VII.1711613	chr3	23859643	23859870	2.10	7.30	0.00	63.60	100.00	23859766	0.8
AR.N20.VII.1711614	chr3	23975875	23976143	3.70	26.60	0.00	60.00	87.50	23976001	1.2
AR.N20.VII.1711615	chr3	24150504	24150679	2.60	18.60	0.00	42.90	100.00	24150591	0.9

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711616	chr3	24156611	24156816	7.80	55.80	0.00	45.30	92.30	24156698	2.7
AR.N20.VII.1711617	chr3	24157875	24158111	2.20	10.40	2.10	59.60	100.00	24158050	0.7
AR.N20.VII.1711618	chr3	25278908	25279132	5.40	25.40	1.70	60.90	82.90	25278973	1.8
AR.N20.VII.1711619	chr3	26752852	26753042	2.10	15.30	0.00	52.20	83.30	26752918	0.8
AR.N20.VII.1711620	chr3	29929403	29929602	2.00	14.30	2.30	37.20	100.00	29929476	0.7
AR.N20.VII.1711621	chr3	32150428	32150631	4.50	32.20	1.00	50.50	95.90	32150486	1.7
AR.N20.VII.1711622	chr3	33219485	33219673	4.90	17.60	0.00	66.00	54.30	33219545	1.2
AR.N20.VII.1711623	chr3	37098864	37099018	1.70	12.30	0.00	73.00	85.20	37098945	0.8
AR.N20.VII.1711624	chr3	37310229	37310512	2.50	36.30	4.80	53.10	41.40	37310304	0.7
AR.N20.VII.1711625	chr3	37534107	37534394	3.10	5.50	0.00	45.50	80.00	37534340	0.9
AR.N20.VII.1711626	chr3	37986487	37986539	11.30	160.60	0.00	46.30	100.00	37986496	11.3
AR.N20.VII.1711627	chr3	38017966	38018175	2.70	5.50	0.00	62.10	88.90	38018064	0.8
AR.N20.VII.1711628	chr3	39158217	39158479	6.10	43.10	0.00	56.10	100.00	39158414	1.9
AR.N20.VII.1711629	chr3	40647847	40648083	2.40	17.10	6.80	40.80	100.00	40648002	0.7
AR.N20.VII.1711630	chr3	40903574	40903770	1.60	11.30	0.00	64.70	100.00	40903680	0.7
AR.N20.VII.1711631	chr3	41549579	41549754	2.10	7.30	4.50	50.00	81.80	41549663	0.8
AR.N20.VII.1711632	chr3	42440653	42441016	4.30	23.60	45.90	51.30	62.00	42440786	1
AR.N20.VII.1711633	chr3	42561218	42561669	5.70	16.30	0.80	43.20	70.40	42561483	1
AR.N20.VII.1711634	chr3	42579037	42579265	4.50	31.90	0.00	45.80	95.50	42579196	1.3
AR.N20.VII.1711635	chr3	42858015	42858192	4.40	15.60	0.00	61.70	89.70	42858116	1.7
AR.N20.VII.1711636	chr3	43898404	43898568	1.10	15.90	0.00	58.30	85.70	43898425	0.5
AR.N20.VII.1711637	chr3	44886943	44887202	2.20	4.60	0.00	37.50	88.90	44887078	0.6
AR.N20.VII.1711638	chr3	45555162	45555410	2.40	17.30	0.00	61.50	81.20	45555291	0.8
AR.N20.VII.1711639	chr3	45563662	45563920	3.30	15.50	0.00	57.10	85.00	45563778	1
AR.N20.VII.1711640	chr3	45633956	45634274	5.20	10.50	0.90	55.80	68.30	45634142	1.4
AR.N20.VII.1711641	chr3	45878032	45878197	1.00	7.30	0.00	45.50	100.00	45878152	0.6
AR.N20.VII.1711642	chr3	46020182	46020412	2.50	8.70	82.90	57.00	75.90	46020247	0.7
AR.N20.VII.1711643	chr3	46020849	46021046	2.10	15.20	95.60	38.30	100.00	46020982	0.7
AR.N20.VII.1711644	chr3	46220319	46220561	1.90	6.60	5.00	45.00	100.00	46220390	0.7
AR.N20.VII.1711645	chr3	46368957	46369196	2.20	20.80	97.90	55.30	88.50	46369077	0.5
AR.N20.VII.1711646	chr3	46683170	46683361	3.30	15.70	1.40	39.40	85.70	46683251	1.2
AR.N20.VII.1711647	chr3	48248815	48249041	3.70	53.10	0.00	60.00	45.80	48248836	1
AR.N20.VII.1711648	chr3	48253237	48253430	2.90	10.30	0.00	29.00	100.00	48253371	1
AR.N20.VII.1711649	chr3	50458360	50458635	2.40	6.90	0.00	51.90	100.00	50458591	0.7
AR.N20.VII.1711650	chr3	52820259	52820428	2.10	4.20	0.00	43.50	100.00	52820370	0.7
AR.N20.VII.1711651	chr3	52839040	52839241	1.50	7.10	0.00	37.50	100.00	52839163	0.6
AR.N20.VII.1711652	chr3	52878720	52878879	2.30	33.20	0.00	64.00	87.50	52878810	1.1
AR.N20.VII.1711653	chr3	53173735	53174026	4.10	11.70	0.00	52.30	100.00	53173939	1.5
AR.N20.VII.1711654	chr3	54959799	54959937	2.10	30.50	0.00	43.50	100.00	54959879	0.9
AR.N20.VII.1711655	chr3	55624167	55624322	2.50	35.80	0.00	66.70	50.00	55624187	0.8
AR.N20.VII.1711656	chr3	56015488	56015694	1.40	10.00	0.00	60.00	100.00	56015584	0.7
AR.N20.VII.1711657	chr3	56794677	56794895	3.20	15.10	0.60	44.40	86.80	56794790	1.2
AR.N20.VII.1711658	chr3	57933621	57933799	2.10	7.60	0.00	56.50	92.30	57933704	0.7
AR.N20.VII.1711659	chr3	58081276	58081425	1.30	9.30	0.00	35.70	80.00	58081363	0.6
AR.N20.VII.1711660	chr3	58110970	58111256	4.00	11.30	1.20	41.20	80.00	58111098	1.1
AR.N20.VII.1711661	chr3	59274269	59274483	2.30	5.50	0.00	60.00	73.30	59274355	0.7
AR.N20.VII.1711662	chr3	59502204	59502431	5.10	36.50	0.00	41.80	78.30	59502326	1.4
AR.N20.VII.1711663	chr3	59566772	59567085	8.50	40.30	0.00	52.70	97.90	59566929	2.1
AR.N20.VII.1711664	chr3	62057925	62058144	5.90	83.60	0.00	50.80	90.60	62058050	1.2
AR.N20.VII.1711665	chr3	62376952	62377195	2.20	15.90	0.00	37.50	100.00	62377118	0.8
AR.N20.VII.1711666	chr3	63936629	63936823	1.60	11.30	0.00	52.90	66.70	63936650	0.5
AR.N20.VII.1711667	chr3	64329304	64329506	4.50	15.90	0.00	50.00	95.80	64329434	1.2
AR.N20.VII.1711668	chr3	64494364	64494597	3.30	11.60	0.00	52.80	47.40	64494423	0.8
AR.N20.VII.1711669	chr3	65581895	65582085	4.10	29.20	0.00	54.50	83.30	65581962	1.6
AR.N20.VII.1711670	chr3	65850605	65850727	1.20	5.80	0.00	30.80	100.00	65850675	0.6
AR.N20.VII.1711671	chr3	67840069	67840229	1.90	26.60	0.00	60.00	91.70	67840172	0.6
AR.N20.VII.1711672	chr3	69068662	69069111	5.00	17.90	0.00	51.90	85.70	69068885	1.1
AR.N20.VII.1711673	chr3	72123656	72123851	3.20	45.80	1.40	54.90	89.70	72123778	1
AR.N20.VII.1711674	chr3	72430122	72430355	3.40	8.20	0.00	43.20	100.00	72430273	1.1
AR.N20.VII.1711675	chr3	72438763	72438989	5.00	23.90	0.00	42.60	95.70	72438880	1.6
AR.N20.VII.1711676	chr3	72468937	72469209	8.20	6.50	0.70	44.00	87.20	72469082	2.6
AR.N20.VII.1711677	chr3	73936142	73936404	10.50	49.90	4.10	50.30	89.60	73936263	2.5
AR.N20.VII.1711678	chr3	74696477	74696685	3.20	15.00	0.00	50.00	100.00	74696584	1
AR.N20.VII.1711679	chr3	74775629	74775824	12.20	58.00	0.00	43.90	100.00	74775768	3.4
AR.N20.VII.1711680	chr3	74836739	74837031	1.40	10.00	0.00	53.30	100.00	74836955	0.6
AR.N20.VII.1711681	chr3	76561662	76561951	2.70	9.60	0.00	44.80	100.00	76561872	0.7
AR.N20.VII.1711682	chr3	81686181	81686452	6.20	29.70	0.00	46.30	64.50	81686325	1.6
AR.N20.VII.1711683	chr3	82188218	82188421	4.80	68.40	1.00	55.30	96.50	82188325	1.5
AR.N20.VII.1711684	chr3	84238070	84238197	1.30	9.30	0.00	60.00	100.00	84238140	0.6
AR.N20.VII.1711685	chr3	85103477	85103606	1.60	22.60	0.00	47.10	75.00	85103498	0.9
AR.N20.VII.1711686	chr3	87727865	87727955	1.10	15.90	0.00	75.00	88.90	87727885	0.8
AR.N20.VII.1711687	chr3	99985711	99985921	3.70	52.40	1.30	55.60	82.20	99985797	1.2
AR.N20.VII.1711688	chr3	101058754	101059019	6.90	98.20	0.00	54.10	85.00	101058906	1.8
AR.N20.VII.1711689	chr3	102142684	102142855	4.40	31.20	0.00	61.70	89.70	102142759	1.4
AR.N20.VII.1711690	chr3	102512278	102512446	1.80	12.60	0.00	47.40	77.80	102512345	0.7
AR.N20.VII.1711691	chr3	103439906	103440057	1.30	4.60	0.00	28.60	100.00	103440007	0.6
AR.N20.VII.1711692	chr3	103731181	103731374	2.70	12.80	0.00	58.60	94.10	103731259	1.1
AR.N20.VII.1711693	chr3	103779013	103779306	3.00	14.20	0.00	43.80	92.90	103779155	1
AR.N20.VII.1711694	chr3	103872670	103872862	1.60	17.40	2.90	62.90	81.80	103872755	0.7
AR.N20.VII.1711695	chr3	105800788	105800978	2.40	34.50	0.00	57.70	86.70	105800909	1.1
AR.N20.VII.1711696	chr3	105812911	105813109	5.70	27.00	0.00	45.90	92.90	105812994	1.8
AR.N20.VII.1711697	chr3	106012533	106012724	1.80	4.20	0.00	42.10	87.50	106012637	0.7
AR.N20.VII.1711698	chr3	106342556	106342895	2.60	37.20	0.00	39.30	72.70	106342651	0.7
AR.N20.VII.1711699	chr3	107775234	107775378	1.60	22.60	0.00	41.20	100.00	107775266	0.6
AR.N20.VII.1711700	chr3	107880221	107880427	1.50	15.10	18.40	41.70	100.00	107880351	0.7

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711701	chr3	108640309	108640556	10.60	21.60	0.00	50.90	94.80	108640426	2.7
AR.N20.VII.1711702	chr3	108919052	108919187	1.30	12.40	0.00	64.30	100.00	108919103	0.6
AR.N20.VII.1711703	chr3	109254604	109254756	2.20	15.90	0.00	58.30	100.00	109254700	1
AR.N20.VII.1711704	chr3	109444790	109445017	1.70	23.90	0.00	55.60	100.00	109444941	0.6
AR.N20.VII.1711705	chr3	113336439	113336634	1.70	12.30	2.70	43.20	75.00	113336482	0.5
AR.N20.VII.1711706	chr3	115291341	115291538	2.60	12.40	0.00	64.30	88.90	115291448	0.9
AR.N20.VII.1711707	chr3	118811686	118811980	5.40	25.40	0.90	45.30	88.70	118811866	1.3
AR.N20.VII.1711708	chr3	120988035	120988244	5.80	27.40	0.00	54.00	76.50	120988125	1.3
AR.N20.VII.1711709	chr3	123600544	123600745	2.60	36.80	24.20	65.00	97.20	123600660	0.9
AR.N20.VII.1711710	chr3	123853225	123853392	3.20	45.30	42.80	72.60	58.20	123853265	1
AR.N20.VII.1711711	chr3	123954127	123954320	2.30	11.10	0.00	48.00	100.00	123954229	0.8
AR.N20.VII.1711712	chr3	124270279	124270425	1.30	6.20	0.00	42.90	100.00	124270375	0.6
AR.N20.VII.1711713	chr3	124829296	124829507	2.60	37.20	0.00	55.20	50.00	124829364	0.7
AR.N20.VII.1711714	chr3	125302493	125302765	2.20	10.40	2.10	48.90	91.30	125302592	0.8
AR.N20.VII.1711715	chr3	127467846	127468060	6.60	23.40	0.70	67.40	97.90	127467985	1.7
AR.N20.VII.1711716	chr3	127557413	127557739	5.70	16.20	0.00	54.10	87.90	127557624	1.3
AR.N20.VII.1711717	chr3	127803848	127804035	1.90	9.10	17.10	29.30	100.00	127803908	0.5
AR.N20.VII.1711718	chr3	128150652	128150798	1.20	8.60	0.00	46.20	66.70	128150704	0.5
AR.N20.VII.1711719	chr3	128275858	128276029	1.80	8.40	5.30	50.00	80.00	128275899	0.8
AR.N20.VII.1711720	chr3	128505705	128506260	3.90	4.60	4.80	51.20	81.80	128505968	0.6
AR.N20.VII.1711721	chr3	129286306	129286557	3.30	7.70	0.00	60.00	81.00	129286464	1
AR.N20.VII.1711722	chr3	129548236	129548380	1.80	7.20	10.30	53.40	89.00	129548292	0.7
AR.N20.VII.1711723	chr3	130625634	130625928	2.70	39.20	5.10	39.30	50.00	130625704	0.7
AR.N20.VII.1711724	chr3	132050702	132050900	2.60	7.40	0.00	42.90	50.00	132050761	0.7
AR.N20.VII.1711725	chr3	133469264	133469468	1.80	12.60	0.00	57.90	100.00	133469377	0.7
AR.N20.VII.1711726	chr3	135146647	135147021	9.30	18.90	0.50	51.80	54.40	135146742	2
AR.N20.VII.1711727	chr3	139484456	139484722	5.00	14.30	0.00	57.40	93.50	139484592	1.3
AR.N20.VII.1711728	chr3	140518909	140519044	1.20	4.30	0.00	38.50	60.00	140518953	0.6
AR.N20.VII.1711729	chr3	141796923	141797072	2.80	10.00	0.00	64.50	100.00	141797043	1
AR.N20.VII.1711730	chr3	142429989	142430236	2.10	7.30	0.00	54.50	91.70	142430132	0.6
AR.N20.VII.1711731	chr3	142998961	142999331	3.10	11.00	0.00	45.50	86.70	142999136	0.8
AR.N20.VII.1711732	chr3	144598402	144598649	2.20	31.00	1.40	51.40	91.70	144598567	0.5
AR.N20.VII.1711733	chr3	145307102	145307307	4.10	14.40	0.00	70.10	70.50	145307183	1
AR.N20.VII.1711734	chr3	149825827	149826126	2.20	31.90	0.00	45.80	100.00	149826039	0.6
AR.N20.VII.1711735	chr3	151928407	151928547	1.40	5.00	0.00	66.70	90.00	151928458	0.6
AR.N20.VII.1711736	chr3	152313374	152313482	1.40	6.60	0.00	37.50	100.00	152313438	1
AR.N20.VII.1711737	chr3	153470782	153470956	1.30	9.30	0.00	64.30	88.90	153470855	0.7
AR.N20.VII.1711738	chr3	153586364	153586534	2.50	17.90	0.00	33.30	100.00	153586427	0.7
AR.N20.VII.1711739	chr3	155281787	155281970	1.70	11.90	0.00	50.00	100.00	155281907	0.6
AR.N20.VII.1711740	chr3	155545943	155546170	1.90	26.60	0.00	45.00	100.00	155546140	0.7
AR.N20.VII.1711741	chr3	155893725	155893892	1.90	8.90	0.00	45.00	100.00	155893810	0.8
AR.N20.VII.1711742	chr3	155992194	155992426	2.20	15.90	0.00	41.70	70.00	155992255	0.7
AR.N20.VII.1711743	chr3	156433774	156434039	3.40	7.00	0.00	62.20	91.30	156433921	1
AR.N20.VII.1711744	chr3	156504963	156505097	2.20	8.00	0.00	50.00	66.70	156504992	0.7
AR.N20.VII.1711745	chr3	157714167	157714351	1.20	8.60	0.00	69.20	88.90	157714274	0.6
AR.N20.VII.1711746	chr3	158321006	158321373	3.10	7.30	0.00	45.50	86.70	158321148	1.1
AR.N20.VII.1711747	chr3	158741191	158741385	2.30	11.10	0.00	40.00	100.00	158741311	1
AR.N20.VII.1711748	chr3	161997380	161997553	2.90	41.20	0.00	48.40	93.30	161997488	0.9
AR.N20.VII.1711749	chr3	162787468	162787636	3.50	16.80	0.00	44.70	100.00	162787576	1.4
AR.N20.VII.1711750	chr3	170158722	170158915	1.60	11.60	0.00	48.60	88.20	170158817	0.6
AR.N20.VII.1711751	chr3	172428752	172428949	6.00	21.20	0.00	51.60	100.00	172428846	2.2
AR.N20.VII.1711752	chr3	172926785	172926973	1.50	21.60	1.50	56.90	100.00	172926872	0.6
AR.N20.VII.1711753	chr3	173326538	173326744	2.40	17.30	0.00	50.00	84.60	173326662	0.7
AR.N20.VII.1711754	chr3	173404400	173404756	3.00	6.10	0.00	43.80	85.70	173404557	0.9
AR.N20.VII.1711755	chr3	173809132	173809333	2.30	16.60	0.00	36.00	100.00	173809240	0.7
AR.N20.VII.1711756	chr3	173892513	173892651	1.40	10.00	0.00	53.30	87.50	173892581	0.6
AR.N20.VII.1711757	chr3	175541555	175541779	3.70	53.10	0.00	55.00	95.50	175541663	0.9
AR.N20.VII.1711758	chr3	175875945	175876143	1.90	13.30	0.00	60.00	100.00	175876097	0.7
AR.N20.VII.1711759	chr3	176685239	176685502	6.40	30.50	0.00	48.60	94.10	176685386	1.7
AR.N20.VII.1711760	chr3	176978777	176978921	2.50	35.80	0.00	48.10	92.30	176978869	0.6
AR.N20.VII.1711761	chr3	178500583	178500958	2.50	5.10	0.00	51.90	85.70	178500758	0.6
AR.N20.VII.1711762	chr3	178665829	178666032	2.30	10.80	2.00	57.10	71.40	178665873	0.8
AR.N20.VII.1711763	chr3	179286191	179286494	2.70	12.80	0.00	51.70	46.70	179286271	0.8
AR.N20.VII.1711764	chr3	181108367	181108578	1.40	10.00	0.00	40.00	50.00	181108401	0.7
AR.N20.VII.1711765	chr3	183485322	183485604	2.30	16.10	1.00	56.40	86.00	183485511	0.7
AR.N20.VII.1711766	chr3	184025545	184025763	1.90	8.90	0.00	45.00	88.90	184025618	0.6
AR.N20.VII.1711767	chr3	184090491	184090747	2.10	10.20	0.00	39.10	100.00	184090657	0.6
AR.N20.VII.1711768	chr3	184571342	184571609	1.90	5.30	0.00	50.00	80.00	184571460	0.6
AR.N20.VII.1711769	chr3	184965954	184966175	10.80	76.70	0.40	51.10	93.20	184966106	3.2
AR.N20.VII.1711770	chr3	185494965	185495055	2.40	16.90	1.60	40.70	86.50	185494986	2.2
AR.N20.VII.1711771	chr3	185572087	185572350	1.70	6.00	0.00	44.40	87.50	185572261	0.6
AR.N20.VII.1711772	chr3	188822241	188822406	1.00	14.60	0.00	63.60	85.70	188822311	0.7
AR.N20.VII.1711773	chr3	188939899	188940247	4.80	13.50	0.00	56.90	58.60	188940010	1.3
AR.N20.VII.1711774	chr3	189001998	189002103	1.40	10.00	0.00	26.70	100.00	189002076	0.6
AR.N20.VII.1711775	chr3	189147609	189147780	2.00	7.00	0.00	38.10	87.50	189147701	0.7
AR.N20.VII.1711776	chr3	189276838	189276980	1.40	19.90	0.00	62.50	100.00	189276910	0.6
AR.N20.VII.1711777	chr3	189277607	189277853	2.90	8.20	0.00	45.20	85.70	189277693	0.9
AR.N20.VII.1711778	chr3	189772146	189772264	1.40	10.00	0.00	73.30	81.80	189772192	0.7
AR.N20.VII.1711779	chr3	189892679	189892977	2.50	4.50	0.00	63.00	94.10	189892839	0.7
AR.N20.VII.1711780	chr3	190148521	190148760	15.50	36.80	0.30	46.30	97.50	190148618	4.3
AR.N20.VII.1711781	chr3	190650550	190650756	4.80	33.90	0.00	51.00	100.00	190650667	1.3
AR.N20.VII.1711782	chr3	191150665	191150912	2.10	29.20	0.00	47.80	100.00	191150809	0.5
AR.N20.VII.1711783	chr3	192008241	192008532	7.70	36.70	0.00	56.60	97.90	192008410	2.2
AR.N20.VII.1711784	chr3	194021440	194021671	2.20	10.10	0.00	45.80	90.90	194021616	0.6
AR.N20.VII.1711785	chr3	195064583	195064726	3.70	53.10	0.00	47.50	89.50	195064657	1.2

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711786	chr3	195122882	195123109	5.70	16.20	0.00	54.10	90.90	195122997	1.4
AR.N20.VII.1711787	chr3	196073312	196073478	3.30	23.20	0.00	62.90	90.90	196073375	1.2
AR.N20.VII.1711788	chr3	196940210	196940617	4.70	4.60	48.80	51.20	85.30	196940411	1.1
AR.N20.VII.1711789	chr3	198182108	198182221	1.10	15.90	0.00	58.30	85.70	198182175	0.6
AR.N20.VII.1711790	chr3	198606376	198606592	2.60	12.40	0.00	39.30	90.90	198606487	0.8
AR.N20.VII.1711791	chr3_random	145007	145462	4.80	16.90	99.00	56.90	96.60	145311	0.8
AR.N20.VII.1711792	chr3_random	647229	647468	2.20	20.80	97.90	55.30	88.50	647349	0.5
AR.N20.VII.1711793	chr4	31188	31420	1.90	4.60	26.50	32.50	100.00	31365	1
AR.N20.VII.1711794	chr4	677025	677319	2.10	4.40	4.30	43.50	70.00	677187	0.6
AR.N20.VII.1711795	chr4	1195775	1195929	2.70	6.50	1.10	48.90	100.00	1195880	1
AR.N20.VII.1711796	chr4	1513957	1514196	2.10	7.60	0.00	52.20	83.30	1514105	0.6
AR.N20.VII.1711797	chr4	1526826	1527028	2.50	4.50	0.00	66.70	72.20	1526941	0.7
AR.N20.VII.1711798	chr4	1871284	1871621	2.60	7.40	0.00	57.10	68.80	1871418	0.5
AR.N20.VII.1711799	chr4	2586650	2586837	2.30	11.10	4.00	60.00	86.70	2586727	1
AR.N20.VII.1711800	chr4	3151061	3151474	10.80	8.20	47.30	53.10	42.80	3151168	1.6
AR.N20.VII.1711801	chr4	4579160	4579381	4.50	21.20	0.00	58.30	53.60	4579231	1.3
AR.N20.VII.1711802	chr4	6748932	6749155	1.70	8.00	0.00	57.90	45.50	6749016	0.6
AR.N20.VII.1711803	chr4	6799754	6799928	2.00	4.60	0.00	52.40	100.00	6799878	0.6
AR.N20.VII.1711804	chr4	6833765	6833951	1.60	11.30	0.00	33.30	100.00	6833879	0.7
AR.N20.VII.1711805	chr4	6911748	6911903	5.80	82.30	0.00	51.30	81.20	6911785	1.9
AR.N20.VII.1711806	chr4	7009890	7010149	8.80	31.20	0.00	40.40	89.50	7010002	2.4
AR.N20.VII.1711807	chr4	8404583	8404976	4.90	35.20	0.00	43.40	78.30	8404737	1
AR.N20.VII.1711808	chr4	10108505	10108630	1.40	10.30	0.00	33.30	100.00	10108527	0.6
AR.N20.VII.1711809	chr4	10141024	10141400	4.50	12.70	0.00	56.20	70.40	10141236	0.9
AR.N20.VII.1711810	chr4	12472213	12472441	4.80	69.00	0.00	48.10	68.00	12472299	1.5
AR.N20.VII.1711811	chr4	14760761	14760991	2.70	7.70	0.00	51.70	86.70	14760864	0.7
AR.N20.VII.1711812	chr4	14780287	14780490	3.40	23.90	0.00	63.90	100.00	14780424	1.3
AR.N20.VII.1711813	chr4	20250145	20250389	5.60	79.40	1.40	51.50	93.50	20250283	1.8
AR.N20.VII.1711814	chr4	20293742	20293935	2.20	5.30	0.00	58.30	57.10	20293796	0.6
AR.N20.VII.1711815	chr4	24107421	24107644	8.30	23.60	0.00	55.10	85.70	24107540	1.9
AR.N20.VII.1711816	chr4	24415909	24416102	3.20	11.30	0.00	48.60	82.40	24416009	0.9
AR.N20.VII.1711817	chr4	25218188	25218444	1.80	4.20	2.40	55.10	100.00	25218417	0.7
AR.N20.VII.1711818	chr4	25735406	25735658	2.20	15.90	8.30	56.20	85.20	25735536	0.8
AR.N20.VII.1711819	chr4	25752653	25752883	5.30	75.70	0.00	57.90	75.80	25752741	1.6
AR.N20.VII.1711820	chr4	31002834	31003033	1.50	21.20	0.00	56.20	100.00	31002947	0.6
AR.N20.VII.1711821	chr4	37100229	37100374	1.50	7.10	0.00	68.80	100.00	37100345	0.8
AR.N20.VII.1711822	chr4	37551496	37551692	1.80	25.20	0.00	52.60	90.00	37551617	0.7
AR.N20.VII.1711823	chr4	38299950	38300110	2.10	29.20	0.00	40.30	100.00	38300023	0.7
AR.N20.VII.1711824	chr4	40284705	40284956	3.40	49.10	0.00	48.60	88.90	40284855	1
AR.N20.VII.1711825	chr4	40503947	40504116	3.20	22.60	0.00	68.60	83.30	40504039	1.1
AR.N20.VII.1711826	chr4	40774540	40774741	8.40	59.70	1.10	46.10	100.00	40774679	2.1
AR.N20.VII.1711827	chr4	42028896	42029107	2.70	19.30	0.00	36.70	81.80	42028971	0.7
AR.N20.VII.1711828	chr4	42604777	42605071	5.40	15.40	0.00	53.40	80.60	42604909	1.6
AR.N20.VII.1711829	chr4	47548985	47549182	3.30	47.40	1.90	65.40	60.00	47549046	1.1
AR.N20.VII.1711830	chr4	54214392	54214658	3.70	17.70	0.00	47.50	57.90	54214440	1.1
AR.N20.VII.1711831	chr4	54237330	54237450	1.00	7.30	0.00	63.60	100.00	54237386	0.6
AR.N20.VII.1711832	chr4	57289549	57289805	8.10	57.80	0.00	59.80	86.50	57289666	2.3
AR.N20.VII.1711833	chr4	57794460	57794635	1.70	23.90	0.00	44.40	87.50	57794521	0.6
AR.N20.VII.1711834	chr4	61420882	61421061	2.40	34.50	0.00	42.30	100.00	61420991	0.9
AR.N20.VII.1711835	chr4	65013742	65013875	1.60	7.70	1.90	48.10	100.00	65013814	0.6
AR.N20.VII.1711836	chr4	66584002	66584197	1.60	11.30	0.00	41.20	57.10	66584020	0.7
AR.N20.VII.1711837	chr4	68260474	68260845	2.80	39.80	0.00	53.30	87.50	68260753	0.7
AR.N20.VII.1711838	chr4	70221660	70221820	2.00	7.60	8.10	46.00	95.00	70221749	0.9
AR.N20.VII.1711839	chr4	72235697	72235884	2.30	16.60	0.00	56.00	92.90	72235769	0.7
AR.N20.VII.1711840	chr4	73978016	73978302	3.00	21.20	0.00	59.40	94.70	73978157	0.8
AR.N20.VII.1711841	chr4	74059400	74059605	3.50	25.20	0.00	42.10	81.20	74059456	1.3
AR.N20.VII.1711842	chr4	74132475	74132719	1.90	6.70	6.40	62.50	85.00	74132631	0.5
AR.N20.VII.1711843	chr4	74360017	74360241	3.20	22.60	0.00	44.10	66.70	74360067	0.8
AR.N20.VII.1711844	chr4	74980163	74980367	6.60	23.60	0.00	40.30	100.00	74980250	2.5
AR.N20.VII.1711845	chr4	76088488	76088754	2.10	14.60	0.00	50.00	72.70	76088600	0.6
AR.N20.VII.1711846	chr4	76816640	76816948	8.50	13.40	0.00	58.20	77.40	76816764	2.1
AR.N20.VII.1711847	chr4	77666661	77666897	2.50	11.90	0.00	48.10	92.30	77666813	0.7
AR.N20.VII.1711848	chr4	77711505	77711800	2.90	13.70	0.00	54.80	88.20	77711609	0.9
AR.N20.VII.1711849	chr4	77751689	77752126	3.50	7.20	0.00	57.90	68.20	77751928	0.8
AR.N20.VII.1711850	chr4	77844375	77844515	2.20	15.90	0.00	41.70	100.00	77844433	0.9
AR.N20.VII.1711851	chr4	78704378	78704722	15.40	27.40	0.60	54.50	82.30	78704532	3.3
AR.N20.VII.1711852	chr4	79061975	79062127	3.00	14.20	0.00	63.60	90.50	79062043	1.3
AR.N20.VII.1711853	chr4	80739098	80739261	1.00	4.90	0.00	45.50	100.00	80739156	0.6
AR.N20.VII.1711854	chr4	81243896	81244111	1.90	26.60	0.00	40.00	75.00	81243962	0.8
AR.N20.VII.1711855	chr4	83388760	83388934	1.70	24.60	3.80	60.70	91.30	83388862	0.7
AR.N20.VII.1711856	chr4	87524508	87524619	1.20	4.30	0.00	30.80	100.00	87524572	0.7
AR.N20.VII.1711857	chr4	87727657	87727917	2.20	31.90	0.00	70.80	82.40	87727781	0.9
AR.N20.VII.1711858	chr4	87978392	87978576	1.80	25.20	0.00	57.90	90.90	87978482	0.7
AR.N20.VII.1711859	chr4	89181799	89182140	2.60	15.70	2.10	55.30	72.10	89181915	0.7
AR.N20.VII.1711860	chr4	89655138	89655465	8.70	74.50	5.40	52.70	91.90	89655299	1.9
AR.N20.VII.1711861	chr4	89724755	89724940	1.60	11.30	0.00	64.70	63.60	89724791	0.6
AR.N20.VII.1711862	chr4	90385698	90385935	3.90	9.30	0.00	59.50	76.00	90385781	0.9
AR.N20.VII.1711863	chr4	92102333	92102414	1.00	14.60	0.00	33.30	100.00	92102354	0.5
AR.N20.VII.1711864	chr4	92178257	92178424	2.70	19.30	0.00	51.70	100.00	92178350	0.9
AR.N20.VII.1711865	chr4	95479017	95479232	5.30	75.70	8.80	39.70	95.70	95479166	1.9
AR.N20.VII.1711866	chr4	95656262	95656419	1.10	15.90	0.00	61.50	87.50	95656349	0.5
AR.N20.VII.1711867	chr4	95820325	95820607	5.90	16.70	0.00	55.60	88.60	95820521	1.4
AR.N20.VII.1711868	chr4	96477067	96477266	1.70	23.90	0.00	38.90	100.00	96477171	0.6
AR.N20.VII.1711869	chr4	101158362	101158484	1.90	26.60	0.00	60.00	91.70	101158416	0.8
AR.N20.VII.1711870	chr4	101223299	101223445	2.30	16.60	0.00	56.00	71.40	101223329	0.8

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711871	chr4	101770440	101770640	1.30	9.00	3.70	51.90	100.00	101770550	0.7
AR.N20.VII.1711872	chr4	102351551	102351741	2.90	41.20	0.00	65.60	81.00	102351646	1
AR.N20.VII.1711873	chr4	103084951	103085113	1.50	5.30	0.00	50.00	87.50	103085010	0.5
AR.N20.VII.1711874	chr4	108823045	108823127	1.10	15.90	0.00	41.70	100.00	108823096	0.8
AR.N20.VII.1711875	chr4	108824591	108824824	1.60	11.30	0.00	52.90	100.00	108824741	0.7
AR.N20.VII.1711876	chr4	109199409	109199551	1.70	11.90	0.00	66.70	91.70	109199507	0.8
AR.N20.VII.1711877	chr4	111199379	111199566	1.50	11.00	3.00	33.30	100.00	111199455	0.7
AR.N20.VII.1711878	chr4	114757185	114757312	1.40	19.90	0.00	50.00	87.50	114757258	0.7
AR.N20.VII.1711879	chr4	115607075	115607191	1.50	21.20	0.00	25.00	75.00	115607094	0.7
AR.N20.VII.1711880	chr4	115703237	115703434	4.00	57.10	0.00	55.80	83.30	115703311	1.4
AR.N20.VII.1711881	chr4	123840809	123841065	4.30	6.50	2.50	49.50	95.60	123840964	1.2
AR.N20.VII.1711882	chr4	125578623	125578774	1.20	8.60	0.00	28.60	100.00	125578669	0.5
AR.N20.VII.1711883	chr4	129985501	129985692	1.80	8.40	0.00	63.20	91.70	129985604	0.5
AR.N20.VII.1711884	chr4	132803124	132803442	9.20	22.20	83.40	47.50	90.20	132803215	2.6
AR.N20.VII.1711885	chr4	139539074	139539356	3.70	26.60	0.00	50.00	45.00	139539128	0.8
AR.N20.VII.1711886	chr4	140267515	140267815	10.10	144.00	0.50	54.40	88.10	140267680	3
AR.N20.VII.1711887	chr4	140649499	140649773	1.90	26.60	0.00	47.60	60.00	140649615	0.5
AR.N20.VII.1711888	chr4	140837208	140837436	3.00	38.70	0.30	40.80	100.00	140837304	1.1
AR.N20.VII.1711889	chr4	141591083	141591230	1.70	23.90	0.00	61.10	72.70	141591130	0.5
AR.N20.VII.1711890	chr4	141698706	141698868	1.90	26.50	4.90	37.50	100.00	141698766	0.5
AR.N20.VII.1711891	chr4	144053718	144053935	6.20	29.70	0.00	38.80	84.60	144053823	1.8
AR.N20.VII.1711892	chr4	144922179	144922308	1.70	23.90	0.00	50.00	88.90	144922200	0.9
AR.N20.VII.1711893	chr4	147383245	147383379	1.80	12.60	0.00	57.90	90.90	147383312	1
AR.N20.VII.1711894	chr4	148257985	148258387	3.40	16.40	2.70	40.50	86.70	148258223	0.7
AR.N20.VII.1711895	chr4	149080921	149081118	1.30	18.60	0.00	35.70	100.00	149081013	0.7
AR.N20.VII.1711896	chr4	149196472	149196707	2.60	7.50	1.20	56.50	93.80	149196659	0.8
AR.N20.VII.1711897	chr4	149832882	149833100	15.60	55.60	0.30	42.70	94.40	149832991	5.2
AR.N20.VII.1711898	chr4	151863549	151863849	2.40	12.50	1.30	63.20	68.80	151863680	0.7
AR.N20.VII.1711899	chr4	152294310	152294446	1.60	11.30	0.00	35.30	100.00	152294392	0.6
AR.N20.VII.1711900	chr4	154078916	154079016	1.40	10.00	0.00	60.00	77.80	154078945	0.9
AR.N20.VII.1711901	chr4	154130121	154130318	2.90	20.90	1.60	61.50	80.00	154130202	1
AR.N20.VII.1711902	chr4	154142776	154142916	1.10	8.00	0.00	66.70	87.50	154142828	0.6
AR.N20.VII.1711903	chr4	154410312	154410525	7.50	53.80	0.00	52.40	90.70	154410441	2.3
AR.N20.VII.1711904	chr4	155507606	155507747	1.60	11.30	0.00	47.10	62.50	155507686	0.7
AR.N20.VII.1711905	chr4	155710216	155710395	2.10	4.40	0.00	60.90	78.60	155710298	1
AR.N20.VII.1711906	chr4	159937066	159937349	4.20	59.70	0.00	40.00	72.20	159937173	0.9
AR.N20.VII.1711907	chr4	160154437	160154612	1.90	26.80	10.70	56.20	79.40	160154523	0.6
AR.N20.VII.1711908	chr4	161150382	161150529	1.50	7.10	0.00	75.00	100.00	161150479	0.5
AR.N20.VII.1711909	chr4	161364486	161364657	1.30	6.30	15.60	61.80	100.00	161364576	0.6
AR.N20.VII.1711910	chr4	163256064	163256272	1.50	21.20	0.00	43.80	100.00	163256185	0.6
AR.N20.VII.1711911	chr4	164250580	164250838	2.60	18.60	0.00	53.60	46.70	164250630	0.7
AR.N20.VII.1711912	chr4	166526262	166526479	2.30	16.60	0.00	40.00	80.00	166526310	0.7
AR.N20.VII.1711913	chr4	166850899	166851032	1.20	16.60	4.00	40.00	80.00	166850972	0.6
AR.N20.VII.1711914	chr4	170077705	170077897	2.20	10.60	0.00	58.30	71.40	170077774	0.7
AR.N20.VII.1711915	chr4	1702621875	170262184	1.90	6.60	0.00	65.00	92.30	170262091	0.5
AR.N20.VII.1711916	chr4	171238246	171238547	4.60	22.10	1.70	48.20	75.00	171238419	1.5
AR.N20.VII.1711917	chr4	174194948	174195220	1.90	6.60	0.00	65.00	100.00	174195177	0.6
AR.N20.VII.1711918	chr4	174605966	174606163	1.90	5.30	0.00	57.10	100.00	174606057	0.6
AR.N20.VII.1711919	chr4	183114043	183114239	2.20	31.30	2.60	48.70	100.00	183114097	0.6
AR.N20.VII.1711920	chr4	183115209	183115489	4.60	21.70	0.00	51.00	88.00	183115336	1.2
AR.N20.VII.1711921	chr4	184418712	184418956	2.90	8.00	10.70	49.90	93.60	184418864	0.8
AR.N20.VII.1711922	chr4	184575655	184575841	2.80	6.60	0.00	46.70	85.70	184575722	0.9
AR.N20.VII.1711923	chr4	187704717	187705727	20.60	4.40	47.40	50.10	88.70	187705579	2.4
AR.N20.VII.1711924	chr4	190807308	190807503	2.10	7.60	0.00	52.20	58.30	190807330	0.8
AR.N20.VII.1711925	chr4	190828597	190828773	2.00	5.60	0.00	42.90	55.60	190828639	0.5
AR.N20.VII.1711926	chr4_random	111358	111728	16.00	19.00	64.70	48.30	57.70	111453	2.6
AR.N20.VII.1711927	chr5	1417377	1417543	2.50	11.90	0.00	58.60	88.20	1417468	1.1
AR.N20.VII.1711928	chr5	5863725	5863866	1.50	21.20	0.00	50.00	100.00	5863800	0.6
AR.N20.VII.1711929	chr5	10275575	10275739	1.40	6.60	0.00	33.30	80.00	10275633	0.6
AR.N20.VII.1711930	chr5	10609502	10609655	1.00	4.90	0.00	54.50	100.00	10609622	0.6
AR.N20.VII.1711931	chr5	10757049	10757179	1.20	5.80	0.00	53.80	100.00	10757135	0.7
AR.N20.VII.1711932	chr5	11614626	11614791	2.10	14.60	0.00	59.10	84.60	11614660	1
AR.N20.VII.1711933	chr5	11765142	11765311	1.80	25.20	0.00	63.20	66.70	11765206	0.8
AR.N20.VII.1711934	chr5	12163360	12163540	1.40	15.40	3.20	58.10	100.00	12163452	0.5
AR.N20.VII.1711935	chr5	13784550	13784667	1.10	15.90	0.00	33.30	100.00	13784612	0.6
AR.N20.VII.1711936	chr5	13998538	13998800	1.90	6.40	0.80	60.30	98.60	13998700	0.5
AR.N20.VII.1711937	chr5	14642224	14642421	3.60	25.90	0.00	48.70	100.00	14642330	0.9
AR.N20.VII.1711938	chr5	14769984	14770152	1.10	5.30	0.00	46.20	100.00	14770032	0.5
AR.N20.VII.1711939	chr5	14770214	14770481	3.00	14.20	0.00	37.50	91.70	14770356	0.8
AR.N20.VII.1711940	chr5	14982542	14982691	2.70	12.80	6.90	51.70	100.00	14982663	0.8
AR.N20.VII.1711941	chr5	15036883	15037140	2.30	8.30	0.00	52.00	76.90	15036946	0.6
AR.N20.VII.1711942	chr5	15409820	15410185	2.50	8.40	44.50	71.50	94.00	15410015	0.9
AR.N20.VII.1711943	chr5	16600645	16600917	4.80	69.00	0.00	44.20	65.20	16600759	1.1
AR.N20.VII.1711944	chr5	16829723	16830022	4.20	11.90	0.00	46.70	76.20	16829860	1
AR.N20.VII.1711945	chr5	20533322	20533586	1.40	13.70	16.10	38.70	83.30	20533429	0.5
AR.N20.VII.1711946	chr5	23763196	23763438	2.50	11.90	0.00	59.30	81.20	23763255	0.7
AR.N20.VII.1711947	chr5	28229443	28229612	1.80	25.20	0.00	52.60	100.00	28229547	0.6
AR.N20.VII.1711948	chr5	28916913	28917113	2.10	14.60	0.00	68.20	80.00	28916998	0.6
AR.N20.VII.1711949	chr5	30275717	30275965	2.30	4.60	1.90	49.40	100.00	30275868	0.7
AR.N20.VII.1711950	chr5	31256917	31257112	3.40	15.90	0.00	52.80	100.00	31257049	1.2
AR.N20.VII.1711951	chr5	32210802	32210929	1.40	6.60	0.00	26.70	50.00	32210837	0.7
AR.N20.VII.1711952	chr5	36321808	36322040	2.40	8.50	2.00	62.70	87.50	36321912	0.6
AR.N20.VII.1711953	chr5	36409358	36409559	1.30	5.10	11.10	55.60	100.00	36409480	0.6
AR.N20.VII.1711954	chr5	37767002	37767262	6.60	15.70	0.00	49.30	97.10	37767140	1.9
AR.N20.VII.1711955	chr5	38151429	38151695	2.40	8.60	0.00	53.80	78.60	38151503	0.9

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1711956	chr5	38702906	38703167	9.00	42.90	0.00	41.80	92.70	38703006	2.4
AR.N20.VII.1711957	chr5	40342945	40343120	6.30	90.30	0.00	47.80	100.00	40343064	2.4
AR.N20.VII.1711958	chr5	40557323	40557512	2.80	19.90	0.00	40.00	100.00	40557412	0.9
AR.N20.VII.1711959	chr5	40685745	40685993	2.00	9.30	0.00	71.40	93.30	40685883	0.9
AR.N20.VII.1711960	chr5	40931952	40932100	1.00	5.10	16.70	61.60	100.00	40932015	0.6
AR.N20.VII.1711961	chr5	42497511	42497712	2.90	41.20	0.00	54.80	82.40	42497576	0.7
AR.N20.VII.1711962	chr5	46132094	46132236	1.60	23.20	2.90	65.70	100.00	46132176	0.9
AR.N20.VII.1711963	chr5	54070692	54070888	1.30	8.90	3.30	70.10	98.60	54070800	0.7
AR.N20.VII.1711964	chr5	54573528	54573657	1.10	8.00	0.00	41.70	100.00	54573595	0.5
AR.N20.VII.1711965	chr5	54967803	54967972	3.40	15.90	0.00	30.60	100.00	54967925	1.1
AR.N20.VII.1711966	chr5	55253276	55253474	3.10	14.60	0.00	51.50	76.50	55253353	0.9
AR.N20.VII.1711967	chr5	57409051	57409458	4.10	19.50	0.00	52.30	78.30	57409192	1.1
AR.N20.VII.1711968	chr5	58448961	58449136	2.10	9.70	0.00	50.00	72.70	58449060	1.2
AR.N20.VII.1711969	chr5	58563112	58563363	3.20	15.00	0.00	44.10	73.30	58563221	0.8
AR.N20.VII.1711970	chr5	58712402	58712606	2.30	33.20	4.00	74.00	43.20	58712444	0.7
AR.N20.VII.1711971	chr5	61332282	61332410	2.00	27.90	0.00	56.50	100.00	61332366	1.1
AR.N20.VII.1711972	chr5	62731780	62731931	2.60	10.80	8.30	51.40	96.80	62731866	0.9
AR.N20.VII.1711973	chr5	63830795	63830991	1.70	4.80	0.00	72.20	76.90	63830845	0.7
AR.N20.VII.1711974	chr5	65694737	65694992	2.30	16.70	0.80	54.20	100.00	65694953	0.8
AR.N20.VII.1711975	chr5	65697428	65697666	3.50	25.20	0.00	60.50	91.30	65697597	1.1
AR.N20.VII.1711976	chr5	66580426	66580570	3.50	16.80	0.00	52.60	80.00	66580473	1.6
AR.N20.VII.1711977	chr5	66967757	66967970	4.10	19.30	1.10	58.60	80.40	66967833	1
AR.N20.VII.1711978	chr5	67030356	67030547	3.10	43.80	0.00	57.60	68.40	67030427	0.7
AR.N20.VII.1711979	chr5	67330343	67330522	1.50	5.50	3.00	51.50	100.00	67330442	0.6
AR.N20.VII.1711980	chr5	67425146	67425395	2.90	20.60	0.00	38.70	75.00	67425223	0.9
AR.N20.VII.1711981	chr5	68362424	68362568	1.50	10.60	0.00	31.20	100.00	68362480	0.6
AR.N20.VII.1711982	chr5	70914805	70915189	3.60	12.90	0.00	38.50	66.70	70914925	1
AR.N20.VII.1711983	chr5	71080149	71080345	2.10	9.70	0.00	45.50	100.00	71080265	0.7
AR.N20.VII.1711984	chr5	71342031	71342293	4.10	19.30	1.10	42.50	89.20	71342132	1.1
AR.N20.VII.1711985	chr5	72938041	72938203	1.50	21.20	0.00	62.50	80.00	72938091	0.6
AR.N20.VII.1711986	chr5	73330126	73330367	3.60	25.90	0.00	43.60	100.00	73330226	1.2
AR.N20.VII.1711987	chr5	74165282	74165443	1.40	10.00	0.00	40.00	100.00	74165370	0.5
AR.N20.VII.1711988	chr5	74606209	74606346	1.30	18.60	0.00	42.90	100.00	74606318	0.6
AR.N20.VII.1711989	chr5	75827915	75828183	2.60	12.40	0.00	60.70	88.20	75828076	0.8
AR.N20.VII.1711990	chr5	75879160	75879385	2.40	8.40	1.00	55.40	71.40	75879243	0.7
AR.N20.VII.1711991	chr5	76660514	76660770	5.50	19.40	0.90	48.70	91.20	76660637	1.3
AR.N20.VII.1711992	chr5	76780991	76781144	2.00	9.30	0.00	50.00	100.00	76781106	0.7
AR.N20.VII.1711993	chr5	77426790	77426991	3.30	46.50	0.00	42.90	93.30	77426897	1.2
AR.N20.VII.1711994	chr5	79460736	79460905	2.30	6.60	0.00	40.00	100.00	79460759	0.9
AR.N20.VII.1711995	chr5	80308464	80308620	1.20	4.30	0.00	46.20	100.00	80308566	0.6
AR.N20.VII.1711996	chr5	81342351	81342509	1.10	15.90	0.00	33.30	100.00	81342462	0.7
AR.N20.VII.1711997	chr5	81496572	81496852	2.70	4.30	0.00	44.80	69.20	81496698	0.7
AR.N20.VII.1711998	chr5	90860463	90860668	1.40	19.90	0.00	60.00	66.70	90860584	0.6
AR.N20.VII.1711999	chr5	93723292	93723553	4.10	11.70	0.00	60.00	88.90	93723406	1.2
AR.N20.VII.1712000	chr5	93765014	93765264	7.90	112.80	0.00	61.20	82.70	93765153	2
AR.N20.VII.1712001	chr5	93979564	93979828	2.60	4.10	0.00	42.90	91.70	93979704	0.9
AR.N20.VII.1712002	chr5	95003398	95003633	6.20	29.70	0.00	46.30	90.30	95003490	1.4
AR.N20.VII.1712003	chr5	95351189	95351422	8.10	28.90	0.00	52.90	91.30	95351301	1.7
AR.N20.VII.1712004	chr5	95700163	95700308	2.10	14.60	0.00	43.50	80.00	95700212	0.7
AR.N20.VII.1712005	chr5	96862839	96863093	3.70	26.60	0.00	45.00	94.40	96862994	1.1
AR.N20.VII.1712006	chr5	104188694	104188875	3.40	15.90	0.00	47.20	100.00	104188785	1.2
AR.N20.VII.1712007	chr5	105262499	105262682	2.40	17.30	0.00	50.00	92.30	105262605	0.7
AR.N20.VII.1712008	chr5	106581473	106581662	2.00	13.90	0.00	33.30	85.70	106581583	0.7
AR.N20.VII.1712009	chr5	109351692	109351826	2.10	29.20	0.00	36.40	100.00	109351749	0.8
AR.N20.VII.1712010	chr5	109421807	109421976	1.50	10.60	0.00	37.50	100.00	109421932	0.6
AR.N20.VII.1712011	chr5	111145759	111145980	2.10	15.30	0.00	56.50	92.30	111145849	0.5
AR.N20.VII.1712012	chr5	113696156	113696363	1.70	4.80	0.00	27.80	80.00	113696271	0.6
AR.N20.VII.1712013	chr5	113837257	113837428	2.20	7.80	2.10	70.20	100.00	113837337	0.7
AR.N20.VII.1712014	chr5	114202717	114202930	4.20	14.90	0.00	37.80	94.10	114202785	1.2
AR.N20.VII.1712015	chr5	114854192	114854550	4.80	17.30	0.00	48.10	92.00	114854373	1.2
AR.N20.VII.1712016	chr5	114922276	114922503	1.90	8.90	0.00	50.00	100.00	114922397	0.6
AR.N20.VII.1712017	chr5	117742644	117742814	1.50	21.90	3.00	60.60	80.00	117742706	0.5
AR.N20.VII.1712018	chr5	118634513	118634828	3.30	46.50	0.00	37.10	100.00	118634662	0.9
AR.N20.VII.1712019	chr5	118816694	118816927	1.90	13.30	0.00	65.00	76.90	118816760	0.6
AR.N20.VII.1712020	chr5	119416857	119417069	15.70	111.50	0.00	54.80	88.00	119416934	3.6
AR.N20.VII.1712021	chr5	119447820	119448018	2.10	8.70	0.00	47.80	100.00	119447934	0.8
AR.N20.VII.1712022	chr5	121100737	121100910	2.20	31.30	2.50	50.90	100.00	121100826	0.8
AR.N20.VII.1712023	chr5	121141203	121141391	2.70	9.60	0.00	55.20	93.80	121141329	0.9
AR.N20.VII.1712024	chr5	121367844	121368104	3.10	29.30	12.30	47.10	93.60	121368029	0.9
AR.N20.VII.1712025	chr5	122761170	122761482	3.80	23.80	3.50	45.00	87.30	122761347	1
AR.N20.VII.1712026	chr5	123937267	123937436	1.70	6.00	0.00	50.00	90.00	123937385	0.7
AR.N20.VII.1712027	chr5	124019598	124019842	3.70	26.60	0.00	57.50	73.90	124019711	1.1
AR.N20.VII.1712028	chr5	124053329	124053627	3.10	22.40	2.20	44.40	93.30	124053448	1.2
AR.N20.VII.1712029	chr5	125546773	125547043	1.90	8.90	0.00	52.40	72.70	125546890	0.5
AR.N20.VII.1712030	chr5	126245817	126245943	1.90	13.30	0.00	30.00	100.00	126245912	0.7
AR.N20.VII.1712031	chr5	127013278	127013465	1.50	21.20	0.00	56.20	100.00	127013395	0.6
AR.N20.VII.1712032	chr5	127191148	127191297	1.50	21.20	0.00	35.30	100.00	127191225	0.7
AR.N20.VII.1712033	chr5	127680761	127680955	2.30	33.20	0.00	65.40	88.20	127680855	0.7
AR.N20.VII.1712034	chr5	128337532	128337769	2.10	9.70	0.00	50.00	90.90	128337647	0.9
AR.N20.VII.1712035	chr5	130523846	130524001	4.30	30.50	0.00	40.40	94.70	130523906	1.6
AR.N20.VII.1712036	chr5	130624593	130624795	2.70	38.50	0.00	34.50	100.00	130624678	1.1
AR.N20.VII.1712037	chr5	131665580	131665760	2.90	13.70	0.00	48.40	100.00	131665725	0.9
AR.N20.VII.1712038	chr5	132653680	132653912	3.20	11.30	0.00	41.20	92.90	132653832	1.6
AR.N20.VII.1712039	chr5	133830060	133830280	2.50	7.30	1.20	51.20	78.60	133830136	0.8
AR.N20.VII.1712040	chr5	134913715	134913857	1.50	21.20	0.00	50.00	100.00	134913811	0.7

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712041	chr5	135314875	135315147	9.20	43.80	0.00	43.00	100.00	135315033	2.5
AR.N20.VII.1712042	chr5	136556038	136556380	4.20	19.90	0.00	51.10	78.30	136556179	1
AR.N20.VII.1712043	chr5	136679653	136679831	2.70	18.00	0.00	62.10	94.40	136679739	1.1
AR.N20.VII.1712044	chr5	136767642	136767908	2.10	9.70	0.00	45.50	100.00	136767808	0.6
AR.N20.VII.1712045	chr5	136988624	136988863	3.40	24.60	1.40	40.50	93.30	136988722	1.2
AR.N20.VII.1712046	chr5	137912313	137912518	2.30	11.10	0.00	72.00	83.30	137912433	0.8
AR.N20.VII.1712047	chr5	137973267	137973433	1.60	7.70	2.90	48.60	64.70	137973306	0.6
AR.N20.VII.1712048	chr5	139596025	139596295	4.60	16.30	0.00	51.00	96.00	139596170	1.2
AR.N20.VII.1712049	chr5	140726198	140726584	4.00	11.10	7.20	54.10	100.00	140726492	1.4
AR.N20.VII.1712050	chr5	142113035	142113314	4.70	33.20	0.00	54.00	92.60	142113169	1.3
AR.N20.VII.1712051	chr5	142177821	142178142	2.00	9.30	0.00	33.30	57.10	142177935	0.7
AR.N20.VII.1712052	chr5	142921052	142921292	7.00	49.80	0.00	52.00	97.40	142921229	1.8
AR.N20.VII.1712053	chr5	145262240	145262538	3.30	15.50	0.00	51.40	83.30	145262354	0.9
AR.N20.VII.1712054	chr5	145379983	145380204	6.00	42.50	1.60	53.10	97.10	145380091	1.4
AR.N20.VII.1712055	chr5	147271285	147271562	22.70	162.00	0.00	47.20	94.90	147271408	6.5
AR.N20.VII.1712056	chr5	147501420	147501705	5.50	78.30	0.00	47.50	57.10	147501558	1.4
AR.N20.VII.1712057	chr5	147758168	147758401	3.00	21.20	0.00	40.60	92.30	147758317	1.2
AR.N20.VII.1712058	chr5	148201429	148201668	4.20	20.10	0.70	49.60	95.70	148201560	1.4
AR.N20.VII.1712059	chr5	148326173	148326427	5.50	17.40	0.00	55.90	87.90	148326302	1.5
AR.N20.VII.1712060	chr5	148379013	148379237	2.40	34.50	3.80	34.60	100.00	148379147	0.6
AR.N20.VII.1712061	chr5	148960681	148960950	2.90	20.60	0.00	37.50	91.70	148960917	0.8
AR.N20.VII.1712062	chr5	149079589	149079700	1.20	17.30	0.00	46.20	100.00	149079669	0.5
AR.N20.VII.1712063	chr5	149217384	149217573	4.00	9.40	1.20	51.80	95.50	149217485	1.2
AR.N20.VII.1712064	chr5	149356353	149356571	4.20	30.20	1.10	52.70	100.00	149356474	1.1
AR.N20.VII.1712065	chr5	150774368	150774702	6.70	19.10	0.00	58.30	64.30	150774474	1.8
AR.N20.VII.1712066	chr5	156030318	156030492	3.10	14.60	0.00	66.70	90.90	156030400	1.4
AR.N20.VII.1712067	chr5	158545930	158546181	2.70	19.30	0.00	37.90	81.80	158546037	0.8
AR.N20.VII.1712068	chr5	158756751	158756920	1.80	8.40	0.00	47.40	88.90	158756792	0.6
AR.N20.VII.1712069	chr5	160531882	160532087	3.20	45.80	6.30	56.00	81.90	160531940	1
AR.N20.VII.1712070	chr5	160552729	160552971	4.00	28.50	0.00	44.20	94.70	160552836	1.1
AR.N20.VII.1712071	chr5	163150997	163151185	2.10	29.20	0.00	60.90	71.40	163151064	0.6
AR.N20.VII.1712072	chr5	163877778	163877999	2.10	30.50	0.00	39.10	88.90	163877935	0.9
AR.N20.VII.1712073	chr5	164687276	164687434	1.60	11.30	0.00	47.10	62.50	164687337	0.6
AR.N20.VII.1712074	chr5	165167953	165168190	1.90	26.60	0.00	60.00	75.00	165168070	0.6
AR.N20.VII.1712075	chr5	165422390	165422622	4.30	61.10	0.00	50.00	87.00	165422496	1.1
AR.N20.VII.1712076	chr5	165640486	165640751	2.00	5.70	1.60	60.90	61.50	165640570	0.6
AR.N20.VII.1712077	chr5	167712881	167713117	11.50	54.40	0.00	48.40	82.00	167713001	3.6
AR.N20.VII.1712078	chr5	169293383	169293574	3.30	23.20	0.00	54.30	100.00	169293455	1
AR.N20.VII.1712079	chr5	171742999	171743336	2.50	9.00	0.00	66.70	61.10	171743083	0.8
AR.N20.VII.1712080	chr5	172371280	172371489	7.80	55.80	0.00	49.40	92.90	172371387	2.3
AR.N20.VII.1712081	chr5	172831992	172832189	3.90	18.60	0.00	50.00	81.00	172832066	1.3
AR.N20.VII.1712082	chr5	174068978	174069168	10.90	154.70	0.40	50.20	89.80	174069076	3.7
AR.N20.VII.1712083	chr5	174957414	174957706	13.20	20.90	0.40	52.70	62.40	174957521	2.9
AR.N20.VII.1712084	chr5	176304023	176304190	1.80	12.60	0.00	36.80	100.00	176304150	0.5
AR.N20.VII.1712085	chr5	177254189	177254565	2.90	4.30	93.70	53.10	100.00	177254507	0.9
AR.N20.VII.1712086	chr5	177691298	177691587	3.20	5.70	1.40	63.80	59.10	177691422	0.7
AR.N20.VII.1712087	chr5	178109187	178109392	4.10	23.10	24.10	57.50	80.00	178109280	1.2
AR.N20.VII.1712088	chr5	178665776	178665928	1.70	11.90	0.00	33.30	100.00	178665901	0.8
AR.N20.VII.1712089	chr5	179266590	179266746	1.40	5.10	3.20	61.30	100.00	179266711	0.7
AR.N20.VII.1712090	chr5	179955134	179955464	5.40	6.40	0.90	53.00	67.20	179955314	1.3
AR.N20.VII.1712091	chr5	180006729	180007043	3.50	10.10	5.30	52.60	85.00	180006877	1
AR.N20.VII.1712092	chr5	180413040	180413304	1.80	5.00	0.00	65.00	84.60	180413121	0.7
AR.N20.VII.1712093	chr5	180533207	180533337	1.30	7.20	26.80	52.40	69.90	180533233	0.6
AR.N20.VII.1712094	chr5	180547283	180547503	1.90	4.10	35.40	52.30	47.50	180547303	0.5
AR.N20.VII.1712095	chr5	180548012	180548140	2.00	4.60	5.70	55.30	91.50	180548082	0.7
AR.N20.VII.1712096	chr5	180566424	180566564	2.10	13.10	45.70	62.70	57.70	180566466	0.7
AR.N20.VII.1712097	chr5	180582001	180582143	1.30	5.10	30.40	50.20	70.80	180582079	0.6
AR.N20.VII.1712098	chr5	180623363	180623579	4.50	53.10	0.00	37.50	94.40	180623459	1.7
AR.N20.VII.1712099	chr6	1497658	1497875	2.90	10.30	0.00	50.00	75.00	1497730	0.8
AR.N20.VII.1712100	chr6	1777990	1778315	3.90	13.90	0.00	42.90	77.80	1778116	1.2
AR.N20.VII.1712101	chr6	1784013	1784191	1.70	23.90	0.00	61.10	81.80	1784085	0.6
AR.N20.VII.1712102	chr6	3095317	3095454	1.70	6.00	0.00	27.80	100.00	3095387	0.7
AR.N20.VII.1712103	chr6	3452063	3452263	2.80	40.20	0.80	57.00	76.80	3452143	0.9
AR.N20.VII.1712104	chr6	3615186	3615383	2.00	5.60	0.00	42.90	88.90	3615306	0.7
AR.N20.VII.1712105	chr6	4683846	4684131	2.60	37.20	0.00	57.10	56.20	4683992	0.5
AR.N20.VII.1712106	chr6	5112845	5113050	4.90	70.40	0.00	54.70	82.80	5112901	1.6
AR.N20.VII.1712107	chr6	6266198	6266491	5.70	14.70	0.00	55.70	94.10	6266363	1.8
AR.N20.VII.1712108	chr6	6633608	6633901	3.20	6.50	1.40	47.80	69.70	6633687	0.8
AR.N20.VII.1712109	chr6	6695549	6695692	2.90	6.90	0.00	58.10	61.10	6695571	1.3
AR.N20.VII.1712110	chr6	7109990	7110155	1.60	5.80	0.00	54.30	89.50	7110025	0.7
AR.N20.VII.1712111	chr6	7921062	7921300	6.60	8.60	1.40	52.80	76.30	7921131	2.1
AR.N20.VII.1712112	chr6	8504276	8504482	4.40	15.60	0.00	48.90	82.60	8504359	1
AR.N20.VII.1712113	chr6	9061107	9061390	1.70	12.30	2.70	45.90	88.20	9061308	0.6
AR.N20.VII.1712114	chr6	9571560	9571848	2.10	15.30	0.00	58.30	71.40	9571734	0.5
AR.N20.VII.1712115	chr6	10619433	10619610	1.80	8.40	0.00	36.80	100.00	10619530	0.7
AR.N20.VII.1712116	chr6	10790844	10791106	4.60	21.70	0.00	49.00	95.80	10791029	1.4
AR.N20.VII.1712117	chr6	11041418	11041686	3.60	22.50	0.50	55.50	71.70	11041533	0.9
AR.N20.VII.1712118	chr6	11058320	11058664	3.90	27.90	0.00	64.30	74.10	11058486	0.9
AR.N20.VII.1712119	chr6	11396287	11396627	5.30	12.60	0.00	36.80	90.50	11396461	1.2
AR.N20.VII.1712120	chr6	13146732	13146901	1.30	18.60	0.00	64.30	100.00	13146812	0.5
AR.N20.VII.1712121	chr6	15561933	15562128	2.70	9.70	0.70	58.20	94.10	15562056	0.8
AR.N20.VII.1712122	chr6	18549585	18549763	1.50	10.60	0.00	43.80	100.00	18549735	0.6
AR.N20.VII.1712123	chr6	21293273	21293459	1.30	18.60	0.00	57.10	100.00	21293415	0.5
AR.N20.VII.1712124	chr6	21433584	21433729	2.10	29.50	5.40	36.50	73.20	21433609	0.7
AR.N20.VII.1712125	chr6	21475893	21476103	2.70	38.50	0.00	62.10	61.10	21475942	1

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712126	chr6	21665207	21665453	2.10	29.20	0.00	40.90	100.00	21665349	0.6
AR.N20.VII.1712127	chr6	22629330	22629557	3.10	43.80	0.00	39.40	84.60	22629439	0.9
AR.N20.VII.1712128	chr6	24694262	24694390	1.10	4.60	26.00	26.60	100.00	24694325	0.6
AR.N20.VII.1712129	chr6	25069182	25069549	3.00	21.20	0.00	50.00	100.00	25069504	0.6
AR.N20.VII.1712130	chr6	25438233	25438505	6.60	47.10	0.00	53.50	89.50	25438367	1.5
AR.N20.VII.1712131	chr6	25555589	25555732	1.90	26.60	0.00	40.00	87.50	25555659	0.6
AR.N20.VII.1712132	chr6	26394710	26394816	2.10	5.30	50.30	50.90	100.00	26394789	0.7
AR.N20.VII.1712133	chr6	26413615	26413764	1.40	4.10	62.70	58.50	93.30	26413729	0.5
AR.N20.VII.1712134	chr6	26421279	26421479	1.90	6.10	47.20	59.40	74.80	26421345	0.6
AR.N20.VII.1712135	chr6	26438510	26438611	1.50	7.00	59.20	40.70	100.00	26438575	0.7
AR.N20.VII.1712136	chr6	26439605	26439801	2.60	5.80	31.20	56.40	100.00	26439715	0.7
AR.N20.VII.1712137	chr6	26661672	26661827	1.40	4.70	37.90	41.00	100.00	26661748	0.5
AR.N20.VII.1712138	chr6	26677041	26677142	1.10	5.00	17.60	55.50	85.10	26677098	0.6
AR.N20.VII.1712139	chr6	27182229	27182402	4.60	16.30	0.00	42.90	100.00	27182356	2.1
AR.N20.VII.1712140	chr6	27233852	27234009	1.50	6.20	50.30	64.10	92.20	27233917	0.6
AR.N20.VII.1712141	chr6	27369624	27369739	1.40	10.00	0.00	43.80	71.40	27369642	0.6
AR.N20.VII.1712142	chr6	27373722	27373867	1.50	4.90	61.60	46.80	97.90	27373801	0.5
AR.N20.VII.1712143	chr6	27408702	27408824	1.50	5.00	62.10	61.60	98.90	27408788	0.5
AR.N20.VII.1712144	chr6	27668543	27668707	2.60	10.60	39.60	42.20	91.60	27668657	0.9
AR.N20.VII.1712145	chr6	27978189	27978364	1.50	5.00	62.10	40.20	100.00	27978303	0.5
AR.N20.VII.1712146	chr6	28288748	28288941	2.20	4.40	32.20	58.30	60.00	28288799	0.6
AR.N20.VII.1712147	chr6	28534357	28534525	2.20	31.90	0.00	45.80	100.00	28534465	0.9
AR.N20.VII.1712148	chr6	28673098	28673259	1.80	4.80	62.80	35.40	67.20	28673128	0.5
AR.N20.VII.1712149	chr6	28733952	28734083	1.90	11.90	16.40	47.90	100.00	28734051	0.8
AR.N20.VII.1712150	chr6	28749565	28749697	1.90	10.20	35.00	44.00	100.00	28749670	0.6
AR.N20.VII.1712151	chr6	28818711	28818830	1.20	13.40	66.30	29.90	100.00	28818754	0.5
AR.N20.VII.1712152	chr6	28871698	28871831	1.30	12.10	19.20	55.50	73.90	28871715	0.6
AR.N20.VII.1712153	chr6	28892947	28893077	1.50	7.10	15.40	67.60	89.30	28893011	0.7
AR.N20.VII.1712154	chr6	28939353	28939565	1.90	4.90	29.50	42.10	100.00	28939511	0.8
AR.N20.VII.1712155	chr6	28957103	28957224	1.30	12.10	63.30	57.60	67.10	28957162	0.7
AR.N20.VII.1712156	chr6	29016730	29016941	2.60	9.40	21.10	56.40	91.60	29016857	0.6
AR.N20.VII.1712157	chr6	29020285	29020426	1.40	11.40	34.50	48.10	100.00	29020395	0.5
AR.N20.VII.1712158	chr6	32481601	32481781	1.80	25.20	0.00	57.90	63.60	32481621	0.6
AR.N20.VII.1712159	chr6	33789679	33789835	1.20	8.60	0.00	61.50	100.00	33789783	0.5
AR.N20.VII.1712160	chr6	33792995	33793214	2.40	8.60	0.00	53.80	92.90	33793127	1.1
AR.N20.VII.1712161	chr6	33806452	33806698	1.40	6.60	0.00	40.00	100.00	33806586	0.7
AR.N20.VII.1712162	chr6	34622525	34622743	3.10	6.30	0.00	54.50	94.40	34622666	0.8
AR.N20.VII.1712163	chr6	34671492	34671842	2.60	5.30	0.00	46.40	46.20	34671665	0.8
AR.N20.VII.1712164	chr6	34674569	34674769	3.20	22.60	0.00	58.80	95.00	34674669	1
AR.N20.VII.1712165	chr6	35677682	35677950	4.40	7.80	0.00	53.20	100.00	35677870	1.6
AR.N20.VII.1712166	chr6	35686671	35686940	7.50	21.20	0.00	57.50	97.80	35686835	1.8
AR.N20.VII.1712167	chr6	35798230	35798530	17.30	61.60	0.30	51.50	81.20	35798420	3.2
AR.N20.VII.1712168	chr6	35801420	35801673	2.40	4.80	0.00	38.50	70.00	35801537	0.6
AR.N20.VII.1712169	chr6	35803684	35804066	13.40	17.40	0.00	48.60	74.30	35803869	3.7
AR.N20.VII.1712170	chr6	35807719	35807891	6.90	19.60	0.00	44.60	75.80	35807771	2.9
AR.N20.VII.1712171	chr6	35854307	35854450	1.60	5.60	0.00	58.80	100.00	35854403	0.7
AR.N20.VII.1712172	chr6	35858237	35858429	5.10	10.40	0.00	52.70	82.80	35858352	1.5
AR.N20.VII.1712173	chr6	36425111	36425360	3.20	11.30	0.00	50.00	100.00	36425317	0.7
AR.N20.VII.1712174	chr6	36755274	36755445	2.50	9.00	0.00	40.70	81.80	36755368	0.9
AR.N20.VII.1712175	chr6	37049021	37049233	1.60	11.30	0.00	64.70	100.00	37049156	0.6
AR.N20.VII.1712176	chr6	37073775	37074073	1.90	5.30	0.00	45.00	66.70	37073859	0.5
AR.N20.VII.1712177	chr6	38246012	38246225	2.10	4.20	0.00	27.30	100.00	38246108	0.7
AR.N20.VII.1712178	chr6	38933660	38933905	2.20	10.60	0.00	58.30	64.30	38933750	0.7
AR.N20.VII.1712179	chr6	40472458	40472693	1.60	5.70	0.00	60.60	90.90	40472578	0.5
AR.N20.VII.1712180	chr6	41823244	41823640	3.50	7.20	0.00	34.20	69.20	41823493	0.8
AR.N20.VII.1712181	chr6	42121549	42121668	1.40	5.00	0.00	33.30	100.00	42121621	0.7
AR.N20.VII.1712182	chr6	42336827	42336943	1.30	6.20	0.00	53.30	75.00	42336894	0.6
AR.N20.VII.1712183	chr6	44639097	44639365	4.30	7.70	1.40	63.60	76.40	44639211	1.2
AR.N20.VII.1712184	chr6	44715853	44716108	1.50	21.20	0.00	50.00	87.50	44716012	0.6
AR.N20.VII.1712185	chr6	46897404	46897627	5.70	81.00	0.00	50.80	100.00	46897491	1.7
AR.N20.VII.1712186	chr6	49740569	49740835	6.10	43.50	0.80	51.10	67.20	49740640	1.5
AR.N20.VII.1712187	chr6	49982598	49982766	1.30	9.00	3.70	32.30	100.00	49982728	0.6
AR.N20.VII.1712188	chr6	51675761	51675877	1.10	5.30	0.00	66.70	87.50	51675816	0.6
AR.N20.VII.1712189	chr6	51816305	51816602	2.40	34.50	0.00	57.70	80.00	51816494	0.7
AR.N20.VII.1712190	chr6	51985981	51986163	3.90	55.80	0.00	42.90	100.00	51986039	1.6
AR.N20.VII.1712191	chr6	53113315	53113521	6.20	44.50	0.00	55.20	100.00	53113415	2.4
AR.N20.VII.1712192	chr6	53273849	53274010	2.10	30.50	0.00	73.90	76.50	53273908	0.8
AR.N20.VII.1712193	chr6	53406403	53406616	2.50	11.90	0.00	59.30	62.50	53406436	0.7
AR.N20.VII.1712194	chr6	53668443	53668608	4.50	31.90	0.00	56.20	100.00	53668551	1.5
AR.N20.VII.1712195	chr6	53677530	53677754	3.40	24.20	1.40	45.20	100.00	53677693	0.8
AR.N20.VII.1712196	chr6	53783977	53784186	1.90	13.30	0.00	35.00	85.70	53784108	0.6
AR.N20.VII.1712197	chr6	53916286	53916470	1.20	4.30	0.00	53.80	100.00	53916443	0.5
AR.N20.VII.1712198	chr6	55484013	55484191	2.60	18.60	0.00	59.60	88.20	55484102	0.9
AR.N20.VII.1712199	chr6	56487315	56487486	2.00	14.30	2.30	46.50	80.00	56487398	0.7
AR.N20.VII.1712200	chr6	57100618	57100795	5.30	38.00	2.10	54.10	98.40	57100708	1.8
AR.N20.VII.1712201	chr6	57351526	57351705	1.10	8.00	0.00	25.00	100.00	57351658	0.6
AR.N20.VII.1712202	chr6	57946589	57946787	5.10	39.70	17.00	53.50	88.60	57946670	1.6
AR.N20.VII.1712203	chr6	58551500	58551717	2.50	23.70	34.80	57.10	84.80	58551605	0.8
AR.N20.VII.1712204	chr6	62803866	62804146	2.40	34.50	0.00	53.80	78.60	62804000	0.7
AR.N20.VII.1712205	chr6	64260453	64260678	2.80	8.00	0.00	56.70	94.10	64260590	0.8
AR.N20.VII.1712206	chr6	68058919	68059094	2.40	11.50	0.00	57.70	100.00	68058980	0.8
AR.N20.VII.1712207	chr6	75520416	75520586	1.60	22.60	0.00	47.10	100.00	75520525	0.6
AR.N20.VII.1712208	chr6	76179895	76180095	1.50	21.20	0.00	43.80	100.00	76179999	0.6
AR.N20.VII.1712209	chr6	77183273	77183450	1.90	13.30	0.00	75.00	80.00	77183365	0.6
AR.N20.VII.1712210	chr6	79443072	79443309	1.60	14.90	41.90	54.70	73.40	79443147	0.7

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712211	chr6	80585626	80585821	3.30	23.20	0.00	42.90	100.00	80585723	1.4
AR.N20.VII.1712212	chr6	82796818	82797011	2.50	35.80	0.00	63.00	58.80	82796873	0.7
AR.N20.VII.1712213	chr6	84661488	84661637	2.00	27.90	0.00	40.90	100.00	84661595	0.6
AR.N20.VII.1712214	chr6	86182676	86182874	2.10	29.20	0.00	50.00	90.90	86182736	0.6
AR.N20.VII.1712215	chr6	86674688	86674880	1.70	8.10	18.40	58.10	95.30	86674764	0.5
AR.N20.VII.1712216	chr6	90707836	90708030	4.10	58.40	0.00	50.00	86.40	90707925	1.3
AR.N20.VII.1712217	chr6	91135488	91135648	4.00	28.50	0.00	63.60	89.30	91135562	1.4
AR.N20.VII.1712218	chr6	93572806	93573022	8.40	39.80	0.00	55.60	96.00	93572898	2.3
AR.N20.VII.1712219	chr6	93871755	93871910	1.00	14.60	0.00	72.70	75.00	93871809	0.6
AR.N20.VII.1712220	chr6	94706917	94707207	7.70	110.20	0.00	62.70	61.50	94706989	2
AR.N20.VII.1712221	chr6	96099878	96100077	2.40	11.50	0.00	50.00	84.60	96099993	0.5
AR.N20.VII.1712222	chr6	97960818	97960960	1.10	5.30	0.00	33.30	100.00	97960880	0.5
AR.N20.VII.1712223	chr6	105856780	105857136	4.00	8.20	0.00	65.10	92.90	105857027	1.3
AR.N20.VII.1712224	chr6	105880975	105881139	2.20	15.90	0.00	66.70	75.00	105881017	0.8
AR.N20.VII.1712225	chr6	106624168	106624328	2.00	5.60	0.00	57.10	100.00	106624239	0.8
AR.N20.VII.1712226	chr6	106652281	106652481	4.70	22.10	0.00	40.00	95.00	106652379	1.5
AR.N20.VII.1712227	chr6	106690785	106690966	2.30	4.70	0.00	52.00	92.30	106690897	0.9
AR.N20.VII.1712228	chr6	107197132	107197477	4.00	26.50	13.40	52.90	81.10	107197212	1.6
AR.N20.VII.1712229	chr6	108218589	108218703	1.10	8.00	0.00	33.30	100.00	108218610	0.8
AR.N20.VII.1712230	chr6	109017180	109017406	4.50	15.90	0.00	56.20	100.00	109017363	1.2
AR.N20.VII.1712231	chr6	109798824	109798964	1.40	19.90	0.00	62.50	80.00	109798844	0.7
AR.N20.VII.1712232	chr6	110232610	110232801	1.40	19.90	0.00	62.50	80.00	110232705	0.6
AR.N20.VII.1712233	chr6	110244421	110244642	1.30	7.40	0.00	57.10	87.50	110244580	0.6
AR.N20.VII.1712234	chr6	110817739	110818027	2.00	4.70	5.50	63.40	78.80	110817862	0.6
AR.N20.VII.1712235	chr6	110945068	110945182	1.20	8.60	0.00	61.50	87.50	110945088	0.5
AR.N20.VII.1712236	chr6	111051135	111051327	2.10	7.30	0.00	45.50	100.00	111051282	0.8
AR.N20.VII.1712237	chr6	112869606	112869829	2.40	34.50	0.00	53.80	100.00	112869712	0.7
AR.N20.VII.1712238	chr6	112900347	112900554	2.70	19.30	0.00	55.20	93.80	112900451	0.8
AR.N20.VII.1712239	chr6	113557465	113557704	2.20	10.60	0.00	45.80	100.00	113557602	0.7
AR.N20.VII.1712240	chr6	114473926	114474082	2.90	8.20	1.60	58.10	61.10	114473962	0.9
AR.N20.VII.1712241	chr6	116539466	116539655	2.00	24.80	1.60	65.60	57.10	116539484	0.7
AR.N20.VII.1712242	chr6	116558427	116558646	1.80	25.20	0.00	63.20	100.00	116558567	0.6
AR.N20.VII.1712243	chr6	119564445	119564667	3.80	27.20	2.30	45.10	89.20	119564554	1.2
AR.N20.VII.1712244	chr6	122201905	122202091	2.70	19.60	1.70	40.70	100.00	122202008	1
AR.N20.VII.1712245	chr6	123134224	123134421	1.40	6.60	0.00	46.70	57.10	123134278	0.6
AR.N20.VII.1712246	chr6	125105844	125106121	2.30	6.50	2.00	49.00	83.30	125106006	0.9
AR.N20.VII.1712247	chr6	125517809	125517986	1.60	11.30	0.00	35.30	83.30	125517902	0.5
AR.N20.VII.1712248	chr6	126143059	126143198	1.60	6.30	53.00	29.80	95.80	126143124	0.6
AR.N20.VII.1712249	chr6	127495540	127495670	2.80	39.80	0.00	36.70	100.00	127495614	1.5
AR.N20.VII.1712250	chr6	127952054	127952250	3.10	11.00	0.00	61.80	85.70	127952138	1.3
AR.N20.VII.1712251	chr6	130371047	130371253	1.70	23.70	15.90	36.40	84.60	130371106	0.6
AR.N20.VII.1712252	chr6	131497318	131497495	1.50	10.60	0.00	62.50	100.00	131497438	0.6
AR.N20.VII.1712253	chr6	131588837	131589112	3.10	14.60	0.00	63.60	61.90	131588927	0.7
AR.N20.VII.1712254	chr6	131911352	131911540	1.60	11.30	0.00	70.00	92.90	131911491	0.9
AR.N20.VII.1712255	chr6	134993341	134993584	2.30	11.10	0.00	60.00	60.00	134993409	0.7
AR.N20.VII.1712256	chr6	135690187	135690399	1.80	12.60	0.00	47.40	100.00	135690293	0.6
AR.N20.VII.1712257	chr6	136701419	136701515	1.20	17.30	0.00	69.20	100.00	136701467	0.8
AR.N20.VII.1712258	chr6	137536883	137537088	2.70	38.50	0.00	62.10	100.00	137537000	0.9
AR.N20.VII.1712259	chr6	138236208	138236451	3.80	27.20	0.00	56.10	73.90	138236296	0.9
AR.N20.VII.1712260	chr6	138621906	138622188	7.70	54.80	0.60	49.10	88.90	138622059	1.7
AR.N20.VII.1712261	chr6	138855816	138855987	1.90	26.60	0.00	55.00	90.90	138855905	0.7
AR.N20.VII.1712262	chr6	139738139	139738429	2.40	11.50	0.00	53.80	85.70	139738253	0.7
AR.N20.VII.1712263	chr6	139848601	139848783	2.10	30.50	0.00	52.20	83.30	139848673	0.7
AR.N20.VII.1712264	chr6	142713251	142713422	2.90	41.20	0.00	41.90	100.00	142713336	1.1
AR.N20.VII.1712265	chr6	142738974	142739109	2.20	15.90	0.00	66.70	93.80	142739052	1
AR.N20.VII.1712266	chr6	144313727	144313903	1.00	6.30	0.00	54.50	83.30	144313816	0.6
AR.N20.VII.1712267	chr6	144774381	144774642	2.10	15.30	0.00	60.90	42.90	144774452	0.5
AR.N20.VII.1712268	chr6	145505854	145506084	3.20	45.10	0.00	64.70	100.00	145506029	0.9
AR.N20.VII.1712269	chr6	146532136	146532298	1.80	25.20	0.00	63.20	83.30	146532206	0.7
AR.N20.VII.1712270	chr6	147440111	147440321	2.60	12.40	0.00	50.00	71.40	147440207	0.8
AR.N20.VII.1712271	chr6	148620797	148620955	1.40	10.20	2.20	58.70	88.90	148620847	0.7
AR.N20.VII.1712272	chr6	150683210	150683469	8.90	42.00	0.00	54.20	94.20	150683360	2.4
AR.N20.VII.1712273	chr6	151387677	151387815	1.10	16.40	0.00	51.40	100.00	151387753	0.5
AR.N20.VII.1712274	chr6	151388042	151388272	3.70	13.30	0.00	52.50	100.00	151388173	1.1
AR.N20.VII.1712275	chr6	152719685	152719818	2.40	11.30	2.00	58.50	74.20	152719725	0.7
AR.N20.VII.1712276	chr6	156963181	156963365	1.90	27.20	2.40	56.10	100.00	156963303	0.6
AR.N20.VII.1712277	chr6	157179413	157179590	1.90	6.60	0.00	50.00	70.00	157179483	0.7
AR.N20.VII.1712278	chr6	157214009	157214203	1.50	10.60	0.00	75.00	75.00	157214090	0.6
AR.N20.VII.1712279	chr6	159149584	159149694	1.00	7.30	0.00	63.60	100.00	159149600	0.7
AR.N20.VII.1712280	chr6	160294659	160294869	1.90	8.90	0.00	40.00	87.50	160294748	0.7
AR.N20.VII.1712281	chr6	160513833	160514093	3.00	42.50	0.00	62.50	65.00	160513917	0.7
AR.N20.VII.1712282	chr6	160619947	160620121	1.80	12.60	0.00	31.60	66.70	160619999	0.5
AR.N20.VII.1712283	chr6	161295426	161295570	2.10	14.60	6.80	37.00	100.00	161295489	0.9
AR.N20.VII.1712284	chr6	163835269	163835528	2.80	13.30	0.00	53.30	87.50	163835417	0.8
AR.N20.VII.1712285	chr6	165885761	165885988	2.40	17.30	0.00	63.00	100.00	165885938	0.8
AR.N20.VII.1712286	chr6	165980630	165980893	3.20	9.20	1.40	44.90	87.10	165980722	0.9
AR.N20.VII.1712287	chr6	165981390	165981485	1.40	19.90	0.00	33.30	100.00	165981450	0.6
AR.N20.VII.1712288	chr6	166420768	166421044	8.80	15.70	0.50	48.20	95.70	166420980	1.7
AR.N20.VII.1712289	chr6	166538370	166538603	2.00	9.30	0.00	68.20	86.70	166538444	0.8
AR.N20.VII.1712290	chr6	167326250	167326450	2.60	7.40	0.00	46.40	100.00	167326380	1.2
AR.N20.VII.1712291	chr6	168050479	168050772	3.20	5.60	0.00	50.00	88.20	168050586	0.8
AR.N20.VII.1712292	chr6	168558317	168558544	4.40	15.60	0.00	45.80	90.90	168558464	1.4
AR.N20.VII.1712293	chr6	168670678	168670795	1.50	7.10	0.00	43.80	100.00	168670755	0.7
AR.N20.VII.1712294	chr6	168793258	168793543	4.50	12.70	0.00	43.80	95.20	168793398	1.2
AR.N20.VII.1712295	chr6	168976965	168977158	3.70	13.30	0.00	30.00	91.70	168977104	1.5

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712296	chr6	169061932	169062076	4.20	59.70	0.00	44.40	65.00	169061968	1.3
AR.N20.VII.1712297	chr6_random	1464426	1464621	3.00	5.30	0.00	50.00	62.50	1464501	0.9
AR.N20.VII.1712298	chr7	1103409	1103640	4.70	13.30	0.00	46.00	95.70	1103534	1.6
AR.N20.VII.1712299	chr7	2837137	2837333	2.80	19.90	0.00	63.30	94.70	2837256	0.8
AR.N20.VII.1712300	chr7	2866843	2867083	7.30	17.30	0.00	60.30	93.60	2866951	1.9
AR.N20.VII.1712301	chr7	3526395	3526631	3.50	25.20	0.00	51.30	90.00	3526516	0.9
AR.N20.VII.1712302	chr7	4012960	4013094	2.10	15.30	0.00	65.20	100.00	4013058	0.9
AR.N20.VII.1712303	chr7	5206525	5206724	2.50	17.90	0.00	60.70	94.10	5206650	0.7
AR.N20.VII.1712304	chr7	5501895	5502122	3.70	8.90	0.00	56.10	91.30	5502022	0.9
AR.N20.VII.1712305	chr7	6275757	6275959	2.70	19.30	0.00	72.40	71.40	6275823	0.8
AR.N20.VII.1712306	chr7	7693106	7693316	2.70	12.80	0.00	62.10	100.00	7693223	0.8
AR.N20.VII.1712307	chr7	11234851	11235007	3.30	15.50	0.00	51.40	100.00	11234942	1.2
AR.N20.VII.1712308	chr7	11456497	11456777	3.40	12.30	0.00	60.50	60.90	11456553	0.8
AR.N20.VII.1712309	chr7	12721965	12722200	3.70	53.10	0.00	50.00	85.00	12722081	1.3
AR.N20.VII.1712310	chr7	12947769	12947967	2.80	39.80	0.00	60.00	100.00	12947874	1.2
AR.N20.VII.1712311	chr7	16284404	16284492	1.20	8.90	0.00	70.00	78.60	16284431	0.7
AR.N20.VII.1712312	chr7	19269955	19270196	1.50	5.30	0.00	31.20	100.00	19270023	0.5
AR.N20.VII.1712313	chr7	20600189	20600416	7.10	50.50	0.00	48.70	91.90	20600299	2.2
AR.N20.VII.1712314	chr7	20628086	20628204	1.30	18.60	0.00	73.30	63.60	20628123	0.6
AR.N20.VII.1712315	chr7	22011282	22011433	3.00	42.50	0.00	53.10	94.10	22011357	1.2
AR.N20.VII.1712316	chr7	22356998	22357212	2.50	11.90	0.00	51.90	100.00	22357093	0.7
AR.N20.VII.1712317	chr7	23107014	23107134	1.40	10.00	0.00	43.80	57.10	23107032	0.7
AR.N20.VII.1712318	chr7	23987894	23988176	2.80	20.20	1.60	62.30	100.00	23988137	0.6
AR.N20.VII.1712319	chr7	25255977	25256302	4.70	16.60	0.00	62.00	80.60	25256132	1.2
AR.N20.VII.1712320	chr7	25626409	25626639	3.20	15.30	1.40	49.30	94.10	25626513	0.9
AR.N20.VII.1712321	chr7	25669164	25669407	1.70	4.80	0.00	44.40	75.00	25669274	0.6
AR.N20.VII.1712322	chr7	25947239	25947379	2.40	17.30	0.00	53.80	92.90	25947340	1
AR.N20.VII.1712323	chr7	26419598	26419847	4.20	19.90	0.00	64.40	96.60	26419776	1.3
AR.N20.VII.1712324	chr7	27127102	27127338	2.10	10.20	0.00	56.50	92.30	27127207	0.7
AR.N20.VII.1712325	chr7	27532431	27532562	1.30	9.30	0.00	50.00	100.00	27532535	0.7
AR.N20.VII.1712326	chr7	27942682	27942999	2.70	38.50	0.00	37.90	54.50	27942747	0.7
AR.N20.VII.1712327	chr7	28011685	28011805	1.00	4.90	0.00	63.60	100.00	28011776	0.5
AR.N20.VII.1712328	chr7	28970307	28970573	2.70	5.40	1.80	50.90	100.00	28970446	1.1
AR.N20.VII.1712329	chr7	29218967	29219228	3.50	8.30	62.40	52.50	97.40	29219122	1
AR.N20.VII.1712330	chr7	30261300	30261432	1.30	9.30	0.00	50.00	85.70	30261321	0.5
AR.N20.VII.1712331	chr7	30540151	30540438	2.10	7.30	0.00	45.50	100.00	30540286	0.6
AR.N20.VII.1712332	chr7	30976779	30977050	7.00	16.70	0.70	57.60	90.80	30976902	2
AR.N20.VII.1712333	chr7	34204595	34204816	4.00	28.20	1.20	49.40	81.00	34204699	1
AR.N20.VII.1712334	chr7	34242216	34242543	8.40	39.70	35.30	52.40	72.30	34242363	1.9
AR.N20.VII.1712335	chr7	36134822	36135014	2.80	5.70	0.00	43.30	92.30	36134901	1
AR.N20.VII.1712336	chr7	36193062	36193289	5.90	27.90	0.00	50.80	87.50	36193171	1.8
AR.N20.VII.1712337	chr7	37677724	37677896	5.40	25.40	0.90	42.70	92.00	37677799	2.1
AR.N20.VII.1712338	chr7	42046276	42046392	1.50	7.10	0.00	31.20	80.00	42046298	0.6
AR.N20.VII.1712339	chr7	42076328	42076471	1.40	10.00	0.00	26.70	100.00	42076419	0.8
AR.N20.VII.1712340	chr7	44418266	44418405	1.20	8.60	0.00	46.20	100.00	44418320	0.7
AR.N20.VII.1712341	chr7	45930601	45930762	1.70	8.00	0.00	27.80	80.00	45930689	0.6
AR.N20.VII.1712342	chr7	46780807	46780948	1.40	19.90	0.00	46.70	85.70	46780868	0.6
AR.N20.VII.1712343	chr7	47260569	47260759	3.90	7.00	0.00	50.00	95.20	47260649	1.6
AR.N20.VII.1712344	chr7	47476807	47477007	3.10	21.90	0.00	63.60	85.70	47476925	1
AR.N20.VII.1712345	chr7	47545037	47545230	2.00	7.00	0.00	38.10	87.50	47545132	0.7
AR.N20.VII.1712346	chr7	47764086	47764270	2.80	5.70	0.00	53.30	68.80	47764153	0.8
AR.N20.VII.1712347	chr7	47983066	47983403	2.40	11.50	0.00	34.60	77.80	47983196	0.5
AR.N20.VII.1712348	chr7	48116428	48116735	3.80	13.60	0.00	43.90	100.00	48116622	1.2
AR.N20.VII.1712349	chr7	48305558	48305662	1.10	15.90	0.00	58.30	100.00	48305604	0.6
AR.N20.VII.1712350	chr7	49649385	49649550	1.80	25.20	0.00	40.00	75.00	49649444	0.6
AR.N20.VII.1712351	chr7	50543971	50544142	4.10	57.80	1.10	65.50	78.90	50544070	1.4
AR.N20.VII.1712352	chr7	50921383	50921549	1.90	27.00	6.60	51.60	100.00	50921492	0.7
AR.N20.VII.1712353	chr7	51641986	51642135	1.70	11.90	16.70	50.00	100.00	51642089	0.6
AR.N20.VII.1712354	chr7	51649075	51649296	2.20	10.60	0.00	70.80	76.50	51649198	0.6
AR.N20.VII.1712355	chr7	55110839	55110961	1.90	6.60	0.00	50.00	100.00	55110934	0.8
AR.N20.VII.1712356	chr7	55212929	55213281	10.50	18.70	0.40	58.10	78.80	55213089	1.8
AR.N20.VII.1712357	chr7	55467177	55467340	1.30	9.30	0.00	35.30	100.00	55467292	0.6
AR.N20.VII.1712358	chr7	56095980	56096166	2.30	5.90	33.80	50.20	100.00	56096090	0.8
AR.N20.VII.1712359	chr7	64095355	64095556	1.30	9.00	11.10	37.00	100.00	64095509	0.6
AR.N20.VII.1712360	chr7	64168711	64168919	3.10	21.90	88.90	52.70	89.90	64168804	1.2
AR.N20.VII.1712361	chr7	64862835	64863065	3.40	19.50	81.90	48.50	87.40	64862927	1.2
AR.N20.VII.1712362	chr7	66572804	66573134	9.70	138.10	0.00	52.80	91.10	66572997	2.9
AR.N20.VII.1712363	chr7	68699087	68699266	1.60	11.30	0.00	47.10	87.50	68699173	0.6
AR.N20.VII.1712364	chr7	68964223	68964387	2.00	9.30	0.00	66.70	71.40	68964287	0.8
AR.N20.VII.1712365	chr7	69566561	69566717	2.40	34.50	0.00	34.60	100.00	69566640	1
AR.N20.VII.1712366	chr7	72665092	72665315	4.10	14.40	1.10	56.30	91.80	72665226	1.3
AR.N20.VII.1712367	chr7	72802156	72802379	4.00	17.30	13.00	43.80	99.30	72802270	1.2
AR.N20.VII.1712368	chr7	75716747	75716993	9.50	19.30	0.50	51.20	96.20	75716861	3.1
AR.N20.VII.1712369	chr7	77135028	77135295	5.60	19.90	0.00	58.30	97.10	77135209	1.8
AR.N20.VII.1712370	chr7	79677752	79677967	1.90	13.60	2.40	43.90	100.00	79677912	0.6
AR.N20.VII.1712371	chr7	79745375	79745531	1.20	17.30	0.00	69.20	77.80	79745422	0.7
AR.N20.VII.1712372	chr7	80079139	80079346	1.60	11.30	0.00	64.70	90.90	80079273	0.5
AR.N20.VII.1712373	chr7	82734351	82734592	1.60	22.60	0.00	58.80	70.00	82734431	0.5
AR.N20.VII.1712374	chr7	86434292	86434457	1.60	11.30	0.00	66.70	58.30	86434360	0.5
AR.N20.VII.1712375	chr7	86811750	86811913	2.00	27.90	0.00	57.10	83.30	86811839	0.6
AR.N20.VII.1712376	chr7	89427514	89427645	4.00	57.10	0.00	51.20	100.00	89427618	1.7
AR.N20.VII.1712377	chr7	89534523	89534666	3.10	44.00	0.40	59.00	49.60	89534545	1
AR.N20.VII.1712378	chr7	89694615	89694829	4.50	31.90	0.00	46.90	95.70	89694758	1.5
AR.N20.VII.1712379	chr7	89698626	89698831	4.60	33.00	3.50	66.80	100.00	89698761	1.2
AR.N20.VII.1712380	chr7	90173636	90173840	3.80	54.40	0.00	51.20	95.20	90173736	1.4

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712381	chr7	90832860	90833008	1.40	6.60	0.00	46.70	85.70	90832935	0.6
AR.N20.VII.1712382	chr7	91032723	91033287	6.00	8.50	1.60	43.80	80.40	91033106	1.7
AR.N20.VII.1712383	chr7	91719945	91720133	2.70	12.80	0.00	62.10	100.00	91720046	1
AR.N20.VII.1712384	chr7	92670796	92671006	3.40	16.20	1.40	58.70	100.00	92670941	1.3
AR.N20.VII.1712385	chr7	95012309	95012417	1.70	23.90	0.00	61.10	90.90	95012356	1
AR.N20.VII.1712386	chr7	95017458	95017756	8.90	31.50	0.00	46.90	77.80	95017569	2.5
AR.N20.VII.1712387	chr7	95054298	95054473	1.60	22.60	0.00	64.70	81.80	95054418	0.6
AR.N20.VII.1712388	chr7	95423045	95423269	4.30	30.50	0.00	41.30	94.70	95423194	1.2
AR.N20.VII.1712389	chr7	95816849	95817168	3.30	6.60	2.90	57.10	70.00	95816965	0.8
AR.N20.VII.1712390	chr7	95975790	95975936	1.40	19.90	0.00	66.70	80.00	95975870	0.7
AR.N20.VII.1712391	chr7	97641620	97641913	3.40	6.80	0.00	52.80	89.50	97641764	0.9
AR.N20.VII.1712392	chr7	98916651	98916878	1.40	19.90	0.00	66.70	100.00	98916781	0.5
AR.N20.VII.1712393	chr7	99262918	99263079	4.50	21.20	0.00	43.80	81.00	99262971	1.1
AR.N20.VII.1712394	chr7	99385436	99385644	1.60	22.30	10.60	69.20	74.20	99385580	0.7
AR.N20.VII.1712395	chr7	101092537	101092927	4.50	32.20	99.00	56.40	68.80	101092664	1
AR.N20.VII.1712396	chr7	101371913	101372082	2.60	9.30	0.00	64.30	88.90	101372002	0.7
AR.N20.VII.1712397	chr7	102417013	102417097	1.10	15.90	0.00	33.30	75.00	102417033	0.7
AR.N20.VII.1712398	chr7	103613091	103613348	3.70	26.20	3.80	61.70	68.00	103613203	1
AR.N20.VII.1712399	chr7	104218838	104219040	1.80	25.20	0.00	31.60	100.00	104218987	0.6
AR.N20.VII.1712400	chr7	104795232	104795480	3.80	17.90	1.20	38.50	100.00	104795422	0.8
AR.N20.VII.1712401	chr7	105390714	105390916	3.00	10.60	0.00	56.20	66.70	105390773	1
AR.N20.VII.1712402	chr7	105634653	105634817	1.60	4.50	0.00	50.00	55.60	105634734	0.6
AR.N20.VII.1712403	chr7	105644975	105645171	9.10	43.40	0.00	52.50	61.50	105645026	2.5
AR.N20.VII.1712404	chr7	107213726	107213905	3.30	23.20	2.90	60.00	100.00	107213843	1.1
AR.N20.VII.1712405	chr7	107239756	107239949	9.40	33.40	1.50	49.30	89.90	107239854	3.3
AR.N20.VII.1712406	chr7	108038958	108039201	2.10	7.30	0.00	54.50	75.00	108039073	0.5
AR.N20.VII.1712407	chr7	108042006	108042171	1.80	12.90	2.60	41.00	100.00	108042102	0.7
AR.N20.VII.1712408	chr7	109708809	109708934	2.10	14.60	0.00	56.50	61.50	109708835	0.7
AR.N20.VII.1712409	chr7	111230706	111230911	1.60	22.60	0.00	41.20	100.00	111230872	0.7
AR.N20.VII.1712410	chr7	111989387	111989621	5.40	19.30	0.00	47.50	100.00	111989496	2.4
AR.N20.VII.1712411	chr7	113141757	113141925	2.80	20.10	0.30	60.30	89.00	113141826	1.1
AR.N20.VII.1712412	chr7	115105350	115105507	1.70	11.90	0.00	44.40	87.50	115105450	0.5
AR.N20.VII.1712413	chr7	115744613	115744822	3.00	10.60	0.00	34.40	81.80	115744726	0.8
AR.N20.VII.1712414	chr7	116215917	116216105	2.10	29.20	0.00	63.60	92.90	116216009	0.7
AR.N20.VII.1712415	chr7	116463379	116463559	1.30	18.60	0.00	60.00	77.80	116463496	0.5
AR.N20.VII.1712416	chr7	117334744	117335018	2.90	10.30	0.00	32.30	100.00	117334965	0.8
AR.N20.VII.1712417	chr7	118899783	118899916	1.00	14.60	0.00	72.70	100.00	118899870	0.5
AR.N20.VII.1712418	chr7	119870025	119870162	3.00	14.20	0.00	40.60	100.00	119870133	1.1
AR.N20.VII.1712419	chr7	121037595	121037756	1.40	10.00	0.00	73.30	90.90	121037665	0.6
AR.N20.VII.1712420	chr7	122626388	122626608	1.90	26.60	0.00	50.00	100.00	122626478	0.6
AR.N20.VII.1712421	chr7	124129425	124129578	1.50	21.20	0.00	68.80	81.80	124129512	0.6
AR.N20.VII.1712422	chr7	124347115	124347252	1.30	18.60	0.00	71.40	60.00	124347150	0.6
AR.N20.VII.1712423	chr7	127093975	127094109	1.00	7.30	0.00	54.50	83.30	127094022	0.5
AR.N20.VII.1712424	chr7	127657174	127657376	1.60	5.80	2.90	54.30	78.90	127657307	0.5
AR.N20.VII.1712425	chr7	128571571	128571806	2.40	6.90	0.00	65.40	82.40	128571656	1.1
AR.N20.VII.1712426	chr7	129795920	129796132	6.20	21.90	0.00	51.50	73.50	129796001	2.6
AR.N20.VII.1712427	chr7	130619998	130620382	5.30	25.20	0.00	40.40	95.70	130620254	1.3
AR.N20.VII.1712428	chr7	131435922	131436049	2.70	37.80	1.80	71.90	100.00	131435998	1
AR.N20.VII.1712429	chr7	132718552	132718744	3.40	47.80	0.00	58.30	100.00	132718663	1.7
AR.N20.VII.1712430	chr7	134915434	134915610	2.00	27.90	0.00	47.60	100.00	134915540	0.6
AR.N20.VII.1712431	chr7	135298159	135298349	1.70	8.00	0.00	57.90	63.60	135298223	0.6
AR.N20.VII.1712432	chr7	135489121	135489344	2.40	8.60	0.00	34.60	100.00	135489281	0.7
AR.N20.VII.1712433	chr7	135738062	135738202	1.30	8.30	11.90	66.70	78.60	135738089	0.7
AR.N20.VII.1712434	chr7	136916975	136917184	2.90	41.20	0.00	41.90	100.00	136917090	0.7
AR.N20.VII.1712435	chr7	137431857	137432128	2.90	41.20	0.00	35.50	100.00	137432037	0.7
AR.N20.VII.1712436	chr7	138446515	138446728	2.10	29.20	0.00	63.60	64.30	138446536	0.8
AR.N20.VII.1712437	chr7	138675892	138676077	1.40	7.50	28.70	54.20	83.70	138675982	0.6
AR.N20.VII.1712438	chr7	139071390	139071647	3.40	16.40	0.00	54.10	50.00	139071444	0.8
AR.N20.VII.1712439	chr7	141512761	141512932	2.00	27.90	0.00	61.90	100.00	141512844	0.6
AR.N20.VII.1712440	chr7	142276224	142276411	4.50	8.00	0.00	47.90	91.30	142276325	1.4
AR.N20.VII.1712441	chr7	142302585	142302766	2.10	30.50	0.00	34.80	100.00	142302677	0.6
AR.N20.VII.1712442	chr7	142410220	142410420	3.60	12.90	0.00	48.70	100.00	142410316	1.1
AR.N20.VII.1712443	chr7	142919860	142919991	1.00	14.60	0.00	58.30	71.40	142919881	0.6
AR.N20.VII.1712444	chr7	143054133	143054499	5.70	11.60	99.20	54.10	78.80	143054314	1.1
AR.N20.VII.1712445	chr7	143144439	143144805	5.70	11.60	99.20	54.10	78.80	143144620	1.1
AR.N20.VII.1712446	chr7	143959927	143960052	1.50	7.20	0.00	57.10	100.00	143959978	0.6
AR.N20.VII.1712447	chr7	145544448	145544583	1.90	13.30	0.00	55.00	72.70	145544486	0.7
AR.N20.VII.1712448	chr7	145982129	145982245	2.30	33.20	0.00	61.50	100.00	145982218	0.8
AR.N20.VII.1712449	chr7	146320398	146320598	1.40	9.60	9.20	59.50	94.50	146320495	0.6
AR.N20.VII.1712450	chr7	147610472	147610677	2.60	12.40	0.00	46.40	100.00	147610575	0.9
AR.N20.VII.1712451	chr7	149688361	149688618	4.50	31.80	6.00	49.60	90.50	149688508	1.5
AR.N20.VII.1712452	chr7	150064103	150064294	3.90	27.40	0.80	63.70	88.60	150064206	1.4
AR.N20.VII.1712453	chr7	151096805	151096946	1.70	8.00	0.00	44.40	100.00	151096888	0.6
AR.N20.VII.1712454	chr7	151251612	151251859	3.80	18.20	0.40	49.00	95.00	151251788	1.1
AR.N20.VII.1712455	chr7	154901096	154901246	1.20	8.60	0.00	46.20	100.00	154901141	0.6
AR.N20.VII.1712456	chr7	156389091	156389276	6.40	10.20	0.00	42.00	100.00	156389189	2.1
AR.N20.VII.1712457	chr7	156978551	156978755	5.50	15.70	0.00	52.50	51.60	156978614	1.5
AR.N20.VII.1712458	chr8	512936	513115	1.50	4.20	0.00	56.20	100.00	512972	0.8
AR.N20.VII.1712459	chr8	1095222	1095356	2.00	13.90	0.00	45.50	100.00	1095324	0.7
AR.N20.VII.1712460	chr8	1882590	1882856	5.20	12.40	0.00	44.60	100.00	1882766	1.2
AR.N20.VII.1712461	chr8	6279174	6279405	2.30	16.60	0.00	48.00	100.00	6279346	0.7
AR.N20.VII.1712462	chr8	6377145	6377391	2.50	6.00	0.00	66.70	100.00	6377229	0.8
AR.N20.VII.1712463	chr8	6444419	6444620	1.70	24.30	1.80	58.60	91.20	6444514	0.6
AR.N20.VII.1712464	chr8	7297069	7297374	2.10	6.80	97.80	39.10	88.90	7297223	0.5
AR.N20.VII.1712465	chr8	7754028	7754337	2.10	6.80	97.80	63.00	65.50	7754184	0.5

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712466	chr8	10383021	10383247	2.30	16.60	0.00	48.00	91.70	10383182	0.7
AR.N20.VII.1712467	chr8	11181751	11181994	2.20	31.90	0.00	50.00	100.00	11181842	0.6
AR.N20.VII.1712468	chr8	12697268	12697467	3.40	16.10	0.90	58.70	95.30	12697389	1
AR.N20.VII.1712469	chr8	17968604	17968867	2.00	9.30	0.00	52.40	63.60	17968626	0.6
AR.N20.VII.1712470	chr8	18081555	18081713	2.00	13.90	0.00	71.40	100.00	18081629	0.8
AR.N20.VII.1712471	chr8	18824512	18824705	1.70	4.80	5.60	58.30	52.40	18824593	0.6
AR.N20.VII.1712472	chr8	18856689	18856943	8.20	22.40	0.60	48.00	92.90	18856796	2.1
AR.N20.VII.1712473	chr8	19595943	19596118	2.00	13.90	0.00	47.60	50.00	19596008	0.6
AR.N20.VII.1712474	chr8	19596280	19596355	1.00	14.60	0.00	54.50	100.00	19596328	0.6
AR.N20.VII.1712475	chr8	22754133	22754329	4.00	14.30	0.00	53.50	82.60	22754263	1.4
AR.N20.VII.1712476	chr8	22936236	22936456	4.30	10.20	0.00	45.70	81.00	22936312	1.1
AR.N20.VII.1712477	chr8	23557172	23557514	7.50	21.30	0.40	49.80	85.00	23557334	1.7
AR.N20.VII.1712478	chr8	24216379	24216462	1.40	8.70	18.40	31.80	100.00	24216435	0.8
AR.N20.VII.1712479	chr8	24371452	24371598	1.10	5.30	0.00	41.70	100.00	24371517	0.6
AR.N20.VII.1712480	chr8	25273334	25273621	1.70	4.80	0.00	50.00	66.70	25273430	0.5
AR.N20.VII.1712481	chr8	25321677	25321897	10.00	23.70	0.00	54.60	91.50	25321811	2.4
AR.N20.VII.1712482	chr8	25392062	25392265	2.50	11.90	0.00	42.90	91.70	25392170	0.8
AR.N20.VII.1712483	chr8	26179438	26179648	2.00	5.60	0.00	59.10	92.30	26179569	0.6
AR.N20.VII.1712484	chr8	26358863	26359110	3.50	10.10	0.00	63.20	91.70	26359013	0.9
AR.N20.VII.1712485	chr8	27195957	27196182	7.80	110.90	0.60	52.10	77.00	27196041	2.2
AR.N20.VII.1712486	chr8	27312152	27312358	1.80	6.30	0.00	63.20	75.00	27312253	0.6
AR.N20.VII.1712487	chr8	27392520	27392786	5.20	12.10	3.30	69.00	87.00	27392658	2
AR.N20.VII.1712488	chr8	27509381	27509658	4.20	59.70	0.00	40.00	83.30	27509496	1.4
AR.N20.VII.1712489	chr8	28061631	28061852	1.90	13.50	1.60	50.80	100.00	28061717	0.5
AR.N20.VII.1712490	chr8	28261784	28261872	1.00	14.60	0.00	45.50	80.00	28261804	0.5
AR.N20.VII.1712491	chr8	30700141	30700269	1.40	19.90	0.00	26.70	100.00	30700187	0.7
AR.N20.VII.1712492	chr8	35633051	35633288	4.00	19.00	0.00	58.10	88.00	35633141	1.1
AR.N20.VII.1712493	chr8	37283844	37284014	2.30	6.60	0.00	56.00	100.00	37283948	0.7
AR.N20.VII.1712494	chr8	37287351	37287538	1.40	10.00	0.00	53.30	100.00	37287444	0.5
AR.N20.VII.1712495	chr8	37880583	37880836	2.20	6.40	0.00	62.50	93.30	37880718	0.8
AR.N20.VII.1712496	chr8	38291146	38291360	4.10	57.80	1.10	51.70	95.70	38291274	1.4
AR.N20.VII.1712497	chr8	38977969	38978145	2.00	27.90	0.00	75.00	94.40	38978075	0.8
AR.N20.VII.1712498	chr8	39808791	39809065	20.70	73.70	0.50	50.20	89.30	39808925	6.1
AR.N20.VII.1712499	chr8	41575039	41575179	1.50	10.60	0.00	75.00	83.30	41575073	0.6
AR.N20.VII.1712500	chr8	41586833	41587042	3.10	11.00	0.00	57.60	84.20	41586890	1.1
AR.N20.VII.1712501	chr8	41986947	41987113	5.00	71.70	0.00	46.30	60.00	41986968	1.9
AR.N20.VII.1712502	chr8	42884812	42884987	1.30	9.50	1.80	42.10	83.30	42884868	0.7
AR.N20.VII.1712503	chr8	47521845	47522062	1.90	8.90	0.00	54.40	90.90	47521999	0.5
AR.N20.VII.1712504	chr8	47601878	47602135	1.60	22.10	10.00	57.00	100.00	47602033	0.6
AR.N20.VII.1712505	chr8	48601271	48601432	3.70	10.60	0.00	35.00	100.00	48601373	1.4
AR.N20.VII.1712506	chr8	48734541	48734746	2.50	35.80	0.00	66.70	94.40	48734650	0.9
AR.N20.VII.1712507	chr8	48810295	48810507	15.80	74.80	0.00	47.50	92.90	48810384	5.5
AR.N20.VII.1712508	chr8	49724326	49724592	3.50	25.20	0.00	44.70	94.10	49724474	0.9
AR.N20.VII.1712509	chr8	49908496	49908724	2.80	13.30	0.00	50.00	73.30	49908555	0.6
AR.N20.VII.1712510	chr8	53502036	53502199	1.50	21.20	0.00	43.80	100.00	53502136	0.8
AR.N20.VII.1712511	chr8	54303130	54303315	11.10	52.70	0.00	49.60	95.00	54303218	3.1
AR.N20.VII.1712512	chr8	57094658	57094973	9.30	14.80	0.00	51.50	86.50	57094814	2.6
AR.N20.VII.1712513	chr8	57462757	57463060	3.00	14.20	0.00	68.80	50.00	57462861	0.7
AR.N20.VII.1712514	chr8	57470787	57470962	2.70	39.20	1.70	55.90	100.00	57470887	0.9
AR.N20.VII.1712515	chr8	59237229	59237445	2.20	15.90	0.00	29.20	85.70	59237326	0.7
AR.N20.VII.1712516	chr8	59361296	59361535	10.80	38.50	0.00	46.60	77.80	59361396	2.2
AR.N20.VII.1712517	chr8	59711743	59711942	2.10	15.30	0.00	55.90	61.50	59711784	0.6
AR.N20.VII.1712518	chr8	61975014	61975292	8.50	40.30	0.00	55.40	88.20	61975153	2.2
AR.N20.VII.1712519	chr8	63081241	63081486	2.60	37.20	0.00	53.40	100.00	63081376	0.6
AR.N20.VII.1712520	chr8	63733016	63733288	4.10	59.10	1.10	46.10	85.40	63733097	1.2
AR.N20.VII.1712521	chr8	64204168	64204318	1.00	14.60	0.00	27.30	100.00	64204264	0.5
AR.N20.VII.1712522	chr8	65931888	65932119	2.50	17.90	0.00	40.70	90.90	65932012	0.6
AR.N20.VII.1712523	chr8	66380027	66380236	2.00	27.90	0.00	47.60	70.00	66380118	0.7
AR.N20.VII.1712524	chr8	67188110	67188308	2.00	6.70	19.30	30.50	97.40	67188211	0.7
AR.N20.VII.1712525	chr8	69223524	69223716	1.90	26.60	0.00	40.00	100.00	69223599	0.7
AR.N20.VII.1712526	chr8	69806647	69806886	2.00	13.90	0.00	71.40	53.30	69806711	0.7
AR.N20.VII.1712527	chr8	69929252	69929497	4.20	19.90	0.00	69.60	78.10	69929393	1.1
AR.N20.VII.1712528	chr8	71742652	71742880	2.80	40.50	1.60	47.50	100.00	71742817	0.9
AR.N20.VII.1712529	chr8	72397315	72397467	2.40	17.30	0.00	61.50	81.20	72397380	1
AR.N20.VII.1712530	chr8	75651327	75651577	10.90	17.30	0.90	53.40	83.20	75651437	3.4
AR.N20.VII.1712531	chr8	77691784	77691934	1.40	19.90	0.00	66.70	90.00	77691858	0.8
AR.N20.VII.1712532	chr8	77764844	77765028	1.30	9.30	0.00	71.40	60.00	77764864	0.5
AR.N20.VII.1712533	chr8	78588000	78588210	2.90	41.20	0.00	38.70	83.30	78588044	0.9
AR.N20.VII.1712534	chr8	80981785	80981943	2.20	31.90	0.00	50.00	100.00	80981844	0.7
AR.N20.VII.1712535	chr8	81141451	81141575	1.70	8.00	0.00	38.90	85.70	81141527	0.7
AR.N20.VII.1712536	chr8	81153225	81153435	3.30	9.30	0.00	31.40	54.50	81153262	0.9
AR.N20.VII.1712537	chr8	81882773	81882937	1.00	7.30	0.00	66.70	87.50	81882819	0.6
AR.N20.VII.1712538	chr8	82198208	82198375	1.20	5.50	4.00	44.00	100.00	82198336	0.5
AR.N20.VII.1712539	chr8	82671810	82671953	1.50	21.20	6.20	37.50	100.00	82671866	0.8
AR.N20.VII.1712540	chr8	85443929	85444086	1.00	7.30	0.00	45.50	100.00	85443988	0.6
AR.N20.VII.1712541	chr8	85905222	85905470	2.60	18.60	1.20	35.30	90.00	85905340	0.8
AR.N20.VII.1712542	chr8	86412359	86412590	2.10	14.60	0.00	45.50	80.00	86412443	0.6
AR.N20.VII.1712543	chr8	87190130	87190283	1.70	11.90	0.00	61.10	72.70	87190188	0.7
AR.N20.VII.1712544	chr8	87498418	87498621	3.60	8.60	0.00	51.30	90.00	87498509	1
AR.N20.VII.1712545	chr8	90389245	90389375	2.50	35.80	3.70	37.90	100.00	90389284	1.1
AR.N20.VII.1712546	chr8	92016223	92016478	2.80	39.80	0.00	40.00	83.30	92016367	0.8
AR.N20.VII.1712547	chr8	93563310	93563525	2.10	29.20	0.00	63.60	92.90	93563417	0.9
AR.N20.VII.1712548	chr8	96041383	96041549	1.50	21.20	0.00	56.20	88.90	96041475	0.6
AR.N20.VII.1712549	chr8	96398937	96399148	3.10	44.50	1.50	59.20	52.40	96399043	0.7
AR.N20.VII.1712550	chr8	97941509	97941709	2.40	17.30	0.00	53.80	64.30	97941550	0.7

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712551	chr8	98045629	98045736	1.10	11.50	4.30	34.80	75.00	98045694	0.5
AR.N20.VII.1712552	chr8	99449357	99449563	2.40	33.90	2.00	43.10	100.00	99449504	0.8
AR.N20.VII.1712553	chr8	99817310	99817522	1.30	18.60	0.00	64.30	100.00	99817437	0.5
AR.N20.VII.1712554	chr8	99994886	99995096	3.30	23.60	1.40	53.50	94.70	99994965	0.9
AR.N20.VII.1712555	chr8	100787268	100787446	5.20	74.30	0.00	51.80	100.00	100787368	1.9
AR.N20.VII.1712556	chr8	101099418	101099616	3.00	14.20	0.00	48.50	81.20	101099531	0.9
AR.N20.VII.1712557	chr8	101547285	101547472	1.70	23.90	0.00	33.30	83.30	101547385	0.6
AR.N20.VII.1712558	chr8	102359488	102359695	2.40	34.50	0.00	30.80	50.00	102359577	0.7
AR.N20.VII.1712559	chr8	102475049	102475139	1.00	7.30	0.00	45.50	100.00	102475079	0.5
AR.N20.VII.1712560	chr8	102505172	102505283	1.10	8.00	0.00	57.10	100.00	102505223	0.7
AR.N20.VII.1712561	chr8	102519898	102520150	9.20	26.30	0.00	50.50	78.40	102519967	2.8
AR.N20.VII.1712562	chr8	102586100	102586367	2.80	19.90	0.00	46.70	100.00	102586335	1.1
AR.N20.VII.1712563	chr8	102665345	102665523	2.20	15.90	0.00	58.30	92.90	102665456	0.7
AR.N20.VII.1712564	chr8	103244117	103244360	2.50	17.90	0.00	44.40	91.70	103244255	1
AR.N20.VII.1712565	chr8	103324037	103324182	1.80	25.20	0.00	42.10	87.50	103324084	0.8
AR.N20.VII.1712566	chr8	105061340	105061454	1.40	6.10	4.80	61.20	100.00	105061407	0.6
AR.N20.VII.1712567	chr8	105359957	105360203	3.40	19.60	2.30	60.60	82.10	105360079	1.5
AR.N20.VII.1712568	chr8	108696022	108696174	1.40	19.90	0.00	60.00	66.70	108696076	0.6
AR.N20.VII.1712569	chr8	112195658	112195860	3.20	22.90	1.40	53.60	83.80	112195763	1.5
AR.N20.VII.1712570	chr8	116885812	116885962	2.00	27.90	0.00	52.40	72.70	116885841	0.6
AR.N20.VII.1712571	chr8	118602262	118602515	5.20	8.30	0.00	54.40	93.50	118602420	2
AR.N20.VII.1712572	chr8	119690623	119690769	1.10	5.30	0.00	75.00	100.00	119690713	0.5
AR.N20.VII.1712573	chr8	121059000	121059134	1.30	18.60	0.00	50.00	100.00	121059037	0.6
AR.N20.VII.1712574	chr8	121298963	121299069	1.10	15.90	0.00	66.70	100.00	121299002	0.6
AR.N20.VII.1712575	chr8	121941132	121941262	1.70	11.90	0.00	33.30	100.00	121941177	0.7
AR.N20.VII.1712576	chr8	122400435	122400653	2.20	15.60	2.10	48.90	91.30	122400547	0.6
AR.N20.VII.1712577	chr8	124486974	124487243	11.50	82.00	0.40	57.50	46.50	124487041	2
AR.N20.VII.1712578	chr8	124522751	124523029	1.80	12.60	0.00	47.40	77.80	124522908	0.6
AR.N20.VII.1712579	chr8	125283084	125283319	3.10	44.50	1.50	43.30	93.10	125283179	1
AR.N20.VII.1712580	chr8	126285665	126285773	1.70	11.90	0.00	55.60	80.00	126285706	0.8
AR.N20.VII.1712581	chr8	128124685	128124843	1.30	4.60	0.00	42.90	100.00	128124773	0.6
AR.N20.VII.1712582	chr8	128930777	128930973	2.30	11.10	0.00	50.00	84.60	128930863	0.7
AR.N20.VII.1712583	chr8	128933976	128934280	2.60	12.40	0.00	53.60	80.00	128934127	0.6
AR.N20.VII.1712584	chr8	128960979	128961090	1.50	21.60	0.00	57.00	100.00	128961051	0.8
AR.N20.VII.1712585	chr8	129223268	129223600	3.70	6.60	0.00	55.00	100.00	129223498	1
AR.N20.VII.1712586	chr8	129238790	129239048	9.60	45.60	0.50	53.90	91.00	129238914	2.6
AR.N20.VII.1712587	chr8	134220850	134221053	2.00	13.90	0.00	38.10	100.00	134220962	0.7
AR.N20.VII.1712588	chr8	134536949	134537427	7.70	12.20	0.00	59.90	82.00	134537270	2.2
AR.N20.VII.1712589	chr8	135948440	135948648	3.10	5.80	0.00	57.60	84.20	135948560	1.3
AR.N20.VII.1712590	chr8	135968013	135968212	4.60	21.90	1.00	51.50	100.00	135968159	0.9
AR.N20.VII.1712591	chr8	140858768	140858927	1.40	10.00	0.00	40.00	100.00	140858862	0.6
AR.N20.VII.1712592	chr8	143755710	143756124	5.40	6.40	0.00	46.60	81.50	143755962	1.6
AR.N20.VII.1712593	chr8	144208707	144209009	2.20	10.60	16.70	49.00	74.50	144208844	0.5
AR.N20.VII.1712594	chr8	145309040	145309213	2.00	4.60	0.00	57.10	50.00	145309060	0.6
AR.N20.VII.1712595	chr9	484848	485142	2.90	13.70	0.00	62.50	95.00	485026	0.8
AR.N20.VII.1712596	chr9	561177	561411	3.10	43.80	0.00	64.70	100.00	561341	1
AR.N20.VII.1712597	chr9	2467757	2467991	2.30	16.30	2.00	59.20	48.30	2467818	0.7
AR.N20.VII.1712598	chr9	4574728	4574947	3.60	25.90	0.00	59.00	95.70	4574867	1.2
AR.N20.VII.1712599	chr9	4784876	4785066	2.10	14.60	0.00	36.40	87.50	4784924	0.6
AR.N20.VII.1712600	chr9	4793791	4793948	1.80	12.60	0.00	55.00	81.80	4793841	0.6
AR.N20.VII.1712601	chr9	4856349	4856492	1.60	22.60	5.90	61.80	95.20	4856458	0.5
AR.N20.VII.1712602	chr9	13024013	13024204	1.80	8.40	5.30	55.30	90.50	13024078	0.8
AR.N20.VII.1712603	chr9	13268426	13268760	3.00	5.30	0.00	59.40	57.90	13268544	0.6
AR.N20.VII.1712604	chr9	13478025	13478231	1.90	13.30	0.00	50.00	100.00	13478140	0.7
AR.N20.VII.1712605	chr9	14017258	14017423	6.50	15.40	0.70	39.20	100.00	14017363	2.2
AR.N20.VII.1712606	chr9	14467971	14468134	1.30	18.60	0.00	66.70	90.00	14468075	0.7
AR.N20.VII.1712607	chr9	14690567	14690813	2.10	10.20	0.00	69.60	93.80	14690721	0.6
AR.N20.VII.1712608	chr9	18198228	18198440	2.40	34.50	0.00	69.20	50.00	18198310	0.6
AR.N20.VII.1712609	chr9	22819346	22819553	1.60	11.30	0.00	41.20	100.00	22819511	0.7
AR.N20.VII.1712610	chr9	22945053	22945259	2.10	9.80	5.40	58.60	92.30	22945186	0.7
AR.N20.VII.1712611	chr9	24371298	24371583	10.20	72.50	2.00	39.20	97.70	24371457	2.1
AR.N20.VII.1712612	chr9	31325890	31326071	3.30	23.20	0.00	57.10	90.00	31325953	1.1
AR.N20.VII.1712613	chr9	33153046	33153277	8.60	40.90	0.50	54.60	86.10	33153151	2.3
AR.N20.VII.1712614	chr9	33868692	33868976	3.10	11.00	9.70	46.10	70.70	33868819	0.8
AR.N20.VII.1712615	chr9	34565852	34566006	1.60	11.30	0.00	70.60	91.70	34565963	0.7
AR.N20.VII.1712616	chr9	35647638	35648044	5.00	5.30	1.80	47.90	59.50	35647778	1
AR.N20.VII.1712617	chr9	36089826	36090038	2.90	41.20	0.00	58.10	88.90	36089938	0.9
AR.N20.VII.1712618	chr9	37046171	37046364	1.60	11.60	14.30	45.70	100.00	37046292	0.6
AR.N20.VII.1712619	chr9	37690900	37691168	2.10	30.50	0.00	60.90	92.90	37691043	0.6
AR.N20.VII.1712620	chr9	40996947	40997153	2.20	21.50	98.80	55.10	93.50	40997042	0.7
AR.N20.VII.1712621	chr9	41232055	41232262	1.70	14.30	98.10	64.20	94.30	41232156	0.7
AR.N20.VII.1712622	chr9	41812207	41812413	2.20	21.50	98.80	40.90	94.20	41812294	0.7
AR.N20.VII.1712623	chr9	43485338	43485545	1.70	14.30	98.10	64.20	94.30	43485439	0.7
AR.N20.VII.1712624	chr9	44923576	44923897	12.10	44.20	99.00	47.40	95.90	44923777	2.6
AR.N20.VII.1712625	chr9	45610367	45610688	12.10	44.20	99.00	47.40	95.90	45610568	2.6
AR.N20.VII.1712626	chr9	45996552	45996873	12.10	44.20	99.00	47.40	95.90	45996753	2.6
AR.N20.VII.1712627	chr9	46287460	46287781	12.00	42.30	99.30	50.60	66.00	46287556	2.6
AR.N20.VII.1712628	chr9	46816178	46816384	2.20	21.50	98.80	55.10	93.50	46816273	0.7
AR.N20.VII.1712629	chr9	65776819	65777019	2.20	12.90	42.70	51.70	93.30	65776913	1.2
AR.N20.VII.1712630	chr9	66972062	66972237	1.70	7.20	49.10	37.70	87.10	66972167	0.9
AR.N20.VII.1712631	chr9	67390368	67390696	11.80	41.50	98.90	49.30	64.80	67390471	2.6
AR.N20.VII.1712632	chr9	71307758	71307970	2.20	31.90	0.00	62.50	80.00	71307859	0.7
AR.N20.VII.1712633	chr9	72224746	72224936	2.20	6.40	0.00	58.30	85.70	72224839	0.7
AR.N20.VII.1712634	chr9	72285489	72285759	16.30	77.40	0.80	47.20	78.90	72285603	3.6
AR.N20.VII.1712635	chr9	72406391	72406632	5.40	10.90	0.00	43.50	96.00	72406528	2

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712636	chr9	72995959	72996173	2.20	10.60	0.00	37.50	55.60	72995998	0.6
AR.N20.VII.1712637	chr9	73068178	73068567	4.30	30.50	0.00	38.40	94.40	73068428	1.5
AR.N20.VII.1712638	chr9	78604118	78604362	2.80	39.80	0.00	60.00	88.90	78604275	0.7
AR.N20.VII.1712639	chr9	82737775	82737955	2.20	15.90	0.00	54.20	92.30	82737837	0.7
AR.N20.VII.1712640	chr9	83336363	83336555	2.60	6.20	0.60	32.40	98.20	83336487	0.9
AR.N20.VII.1712641	chr9	83392949	83393147	4.20	10.00	0.00	50.00	82.60	83393024	1.7
AR.N20.VII.1712642	chr9	83619203	83619399	3.10	14.60	0.00	30.30	90.00	83619338	0.9
AR.N20.VII.1712643	chr9	84526440	84526619	2.10	14.60	0.00	39.10	100.00	84526572	0.6
AR.N20.VII.1712644	chr9	84937612	84937824	5.40	25.70	0.00	60.30	80.00	84937697	1.4
AR.N20.VII.1712645	chr9	86703044	86703164	1.30	6.20	0.00	57.10	75.00	86703078	0.6
AR.N20.VII.1712646	chr9	88210017	88210249	7.50	107.50	0.00	53.10	97.70	88210170	1.9
AR.N20.VII.1712647	chr9	91469707	91469948	10.80	22.00	0.00	44.90	88.70	91469812	2.9
AR.N20.VII.1712648	chr9	92723275	92723477	9.30	33.20	0.00	58.00	81.00	92723380	2.4
AR.N20.VII.1712649	chr9	92922365	92922599	3.80	18.10	0.00	42.90	100.00	92922556	1.1
AR.N20.VII.1712650	chr9	95937442	95937632	4.60	13.00	0.00	56.60	60.70	95937521	1.4
AR.N20.VII.1712651	chr9	96810474	96810631	1.90	13.60	2.40	39.00	87.50	96810566	1
AR.N20.VII.1712652	chr9	97523432	97523624	5.20	18.60	0.00	53.60	96.70	97523543	1.3
AR.N20.VII.1712653	chr9	97870680	97870888	4.20	29.90	0.00	37.80	100.00	97870829	1.3
AR.N20.VII.1712654	chr9	98406062	98406259	2.40	11.50	0.00	53.80	92.90	98406166	0.9
AR.N20.VII.1712655	chr9	100134560	100134749	3.30	23.60	1.40	56.30	100.00	100134700	0.9
AR.N20.VII.1712656	chr9	101627031	101627269	1.80	5.00	0.00	42.10	100.00	101627088	0.6
AR.N20.VII.1712657	chr9	102087876	102088070	2.00	14.20	1.60	37.50	100.00	102087978	0.7
AR.N20.VII.1712658	chr9	103223865	103224081	2.80	8.00	0.00	48.40	93.30	103223977	0.8
AR.N20.VII.1712659	chr9	104008581	104008841	4.70	33.20	0.00	35.30	94.40	104008751	1.3
AR.N20.VII.1712660	chr9	107374560	107374801	2.80	39.80	3.30	46.70	71.40	107374639	0.7
AR.N20.VII.1712661	chr9	109177895	109177995	1.50	21.20	0.00	68.80	100.00	109177927	0.8
AR.N20.VII.1712662	chr9	109628113	109628242	1.70	23.90	0.00	38.90	100.00	109628212	0.6
AR.N20.VII.1712663	chr9	109944943	109945154	2.00	5.60	0.00	71.40	93.30	109945067	0.6
AR.N20.VII.1712664	chr9	110370292	110370467	3.80	18.00	1.60	39.70	100.00	110370387	1.7
AR.N20.VII.1712665	chr9	110591899	110592194	5.50	39.50	0.80	50.40	73.30	110592040	1.3
AR.N20.VII.1712666	chr9	110696399	110696598	2.70	10.80	5.30	49.10	89.30	110696507	0.8
AR.N20.VII.1712667	chr9	111103236	111103441	2.40	34.50	0.00	46.20	83.30	111103339	0.8
AR.N20.VII.1712668	chr9	111690365	111690486	1.20	8.60	0.00	46.20	83.30	111690409	0.6
AR.N20.VII.1712669	chr9	111705583	111705802	7.60	36.10	0.60	54.60	80.90	111705650	2.1
AR.N20.VII.1712670	chr9	111991216	111991428	1.60	5.60	0.00	61.10	100.00	111991357	0.6
AR.N20.VII.1712671	chr9	112516493	112516790	3.90	55.80	0.00	59.50	100.00	112516654	1.3
AR.N20.VII.1712672	chr9	114199067	114199215	1.70	12.00	27.90	43.50	94.00	114199165	0.7
AR.N20.VII.1712673	chr9	114584404	114584596	3.00	19.60	0.60	40.40	85.20	114584513	1
AR.N20.VII.1712674	chr9	115283559	115283823	6.20	17.50	0.00	48.50	96.90	115283712	1.8
AR.N20.VII.1712675	chr9	115484722	115484871	1.70	4.80	0.00	66.70	100.00	115484791	0.7
AR.N20.VII.1712676	chr9	115915345	115915547	2.50	9.00	0.00	46.40	84.60	115915446	0.7
AR.N20.VII.1712677	chr9	117452139	117452335	2.30	8.30	0.00	60.00	93.30	117452284	1.1
AR.N20.VII.1712678	chr9	121670863	121671131	5.60	10.00	0.00	45.00	77.80	121670962	1.6
AR.N20.VII.1712679	chr9	122679921	122680044	1.30	6.20	0.00	57.10	100.00	122680003	0.6
AR.N20.VII.1712680	chr9	122718742	122719004	4.00	8.20	0.00	39.50	58.80	122718806	1
AR.N20.VII.1712681	chr9	122744966	122745103	2.30	33.20	0.00	56.00	92.90	122745035	0.8
AR.N20.VII.1712682	chr9	125481824	125482041	2.70	7.70	0.00	62.10	83.30	125481945	1
AR.N20.VII.1712683	chr9	125573858	125574130	4.90	69.70	1.00	54.30	100.00	125574021	1.6
AR.N20.VII.1712684	chr9	128891833	128892003	2.30	11.10	0.00	48.00	50.00	128891868	0.7
AR.N20.VII.1712685	chr9	128980833	128981045	2.30	6.50	0.00	61.20	80.00	128980927	0.9
AR.N20.VII.1712686	chr9	128999658	128999905	1.90	8.90	0.00	60.00	75.00	128999776	0.6
AR.N20.VII.1712687	chr9	129857882	129858075	1.20	5.50	4.00	60.00	93.30	129858018	0.5
AR.N20.VII.1712688	chr9	129905255	129905485	2.90	6.90	0.00	58.10	72.20	129905342	1.2
AR.N20.VII.1712689	chr9	130664551	130664795	2.20	4.60	0.00	40.00	100.00	130664714	0.7
AR.N20.VII.1712690	chr9	131234894	131235094	4.30	6.10	0.00	63.00	96.60	131234994	1.3
AR.N20.VII.1712691	chr9	132738555	132738713	2.00	9.30	0.00	57.10	100.00	132738646	0.7
AR.N20.VII.1712692	chr9	133334741	133334886	1.40	6.60	0.00	40.00	66.70	133334800	0.6
AR.N20.VII.1712693	chr9	134029621	134029843	2.70	12.80	0.00	41.40	100.00	134029782	0.7
AR.N20.VII.1712694	chr9	134954439	134954659	3.30	9.40	12.30	52.60	67.70	134954541	1
AR.N20.VII.1712695	chr9	134979871	134980050	2.10	4.90	0.00	56.50	69.20	134979966	0.8
AR.N20.VII.1712696	chr9	136314770	136315181	3.80	6.00	0.00	29.30	58.30	136314910	0.7
AR.N20.VII.1712697	chr9	136994104	136994275	1.80	13.10	3.50	69.40	69.60	136994214	0.5
AR.N20.VII.1712698	chr9	137425410	137425535	1.30	6.20	0.00	50.00	71.40	137425459	0.5
AR.N20.VII.1712699	chr9	138012626	138012908	3.60	5.40	0.90	36.50	100.00	138012795	1
AR.N20.VII.1712700	chr9	139626570	139626795	8.10	14.40	0.00	52.90	89.10	139626679	2.2
AR.N20.VII.1712701	chrX	2606697	2606921	2.80	40.20	98.40	46.20	92.90	2606833	0.8
AR.N20.VII.1712702	chrX	7002433	7002656	1.20	17.70	17.50	47.50	92.10	7002490	0.5
AR.N20.VII.1712703	chrX	9031152	9031323	1.60	11.30	0.00	47.10	62.50	9031199	0.5
AR.N20.VII.1712704	chrX	9834905	9835013	1.20	8.60	0.00	46.20	100.00	9834977	0.6
AR.N20.VII.1712705	chrX	9976952	9977262	7.60	27.20	0.00	44.00	83.80	9977052	2.2
AR.N20.VII.1712706	chrX	10867450	10867684	2.20	15.90	0.00	66.70	100.00	10867580	0.7
AR.N20.VII.1712707	chrX	11392425	11392658	3.20	45.10	0.00	58.80	60.00	11392501	0.7
AR.N20.VII.1712708	chrX	12016476	12016728	2.80	19.90	0.00	40.00	83.30	12016606	0.8
AR.N20.VII.1712709	chrX	12805416	12805648	7.70	110.20	0.00	53.60	95.60	12805528	1.9
AR.N20.VII.1712710	chrX	12992714	12993021	1.80	25.90	2.60	30.80	100.00	12992972	0.6
AR.N20.VII.1712711	chrX	15189673	15189853	3.70	26.60	0.00	70.00	78.60	15189715	1.4
AR.N20.VII.1712712	chrX	15642684	15642858	1.60	11.30	0.00	58.80	70.00	15642748	0.6
AR.N20.VII.1712713	chrX	19264847	19264988	2.60	37.20	0.00	51.70	100.00	19264907	1.4
AR.N20.VII.1712714	chrX	21662242	21662476	3.00	21.20	0.00	37.50	91.70	21662361	0.9
AR.N20.VII.1712715	chrX	22305867	22305992	1.40	19.90	0.00	33.30	100.00	22305942	0.7
AR.N20.VII.1712716	chrX	35705556	35705720	1.60	20.00	16.40	42.30	96.50	35705630	0.6
AR.N20.VII.1712717	chrX	36777561	36777788	2.50	35.80	0.00	37.00	100.00	36777668	0.6
AR.N20.VII.1712718	chrX	40709479	40709682	1.30	18.60	0.00	57.10	87.50	40709594	0.7
AR.N20.VII.1712719	chrX	43151987	43152174	1.10	6.80	89.40	58.80	93.20	43152071	0.6
AR.N20.VII.1712720	chrX	43451983	43452403	4.20	29.90	0.00	53.30	75.00	43452273	0.9

regionID	chrom	start	stop	RPM	fold	multi%	plus%	leftPlus%	peakPos	peakHeight
AR.N20.VII.1712721	chrX	48032401	48032685	1.50	8.40	24.80	61.40	75.80	48032515	0.5
AR.N20.VII.1712722	chrX	51075947	51076162	2.20	21.20	10.40	42.00	100.00	51076074	0.8
AR.N20.VII.1712723	chrX	51283033	51283271	2.20	21.20	8.30	60.40	100.00	51283151	0.7
AR.N20.VII.1712724	chrX	53117612	53117863	27.60	65.60	2.20	51.70	96.60	53117729	6.6
AR.N20.VII.1712725	chrX	54088695	54088882	1.80	25.20	0.00	60.00	83.30	54088810	0.7
AR.N20.VII.1712726	chrX	55508018	55508253	1.80	10.10	100.00	56.40	95.50	55508136	0.5
AR.N20.VII.1712727	chrX	55551266	55551501	1.80	10.40	97.40	43.60	100.00	55551384	0.5
AR.N20.VII.1712728	chrX	56044049	56044247	3.50	33.60	0.00	65.80	92.00	56044164	1.3
AR.N20.VII.1712729	chrX	64909425	64909644	4.00	20.20	39.20	60.70	94.20	64909549	1.5
AR.N20.VII.1712730	chrX	64967894	64968066	2.20	15.90	0.00	52.00	76.90	64967984	1.1
AR.N20.VII.1712731	chrX	66242068	66242271	2.50	17.90	0.00	40.70	90.90	66242193	0.8
AR.N20.VII.1712732	chrX	66883871	66883989	1.90	26.60	0.00	45.00	88.90	66883941	0.7
AR.N20.VII.1712733	chrX	68451244	68451352	1.20	8.60	0.00	38.50	100.00	68451281	0.7
AR.N20.VII.1712734	chrX	69085053	69085280	8.70	31.00	0.30	57.10	75.60	69085142	2.2
AR.N20.VII.1712735	chrX	71757213	71757484	10.50	37.50	0.00	47.80	79.60	71757310	2.4
AR.N20.VII.1712736	chrX	83108111	83108259	1.00	14.60	0.00	50.00	100.00	83108227	0.5
AR.N20.VII.1712737	chrX	96551766	96551884	1.30	18.60	0.00	66.70	90.00	96551857	0.5
AR.N20.VII.1712738	chrX	106871741	106871910	2.20	15.90	0.00	54.20	53.80	106871783	0.7
AR.N20.VII.1712739	chrX	107646305	107646455	1.30	17.90	0.00	33.30	77.80	107646341	0.5
AR.N20.VII.1712740	chrX	108809805	108810019	2.30	32.50	2.00	49.00	100.00	108809931	0.8
AR.N20.VII.1712741	chrX	109125079	109125350	2.60	12.40	0.00	50.00	100.00	109125257	0.8
AR.N20.VII.1712742	chrX	109212066	109212304	1.70	23.90	0.00	61.10	72.70	109212180	0.6
AR.N20.VII.1712743	chrX	116562006	116562134	1.10	15.90	0.00	66.70	87.50	116562061	0.6
AR.N20.VII.1712744	chrX	117602225	117602443	2.00	14.50	4.00	49.70	87.70	117602299	0.7
AR.N20.VII.1712745	chrX	121048972	121049143	1.80	12.60	0.00	73.70	78.60	121049048	0.7
AR.N20.VII.1712746	chrX	128804269	128804434	1.40	19.90	0.00	40.00	100.00	128804317	0.7
AR.N20.VII.1712747	chrX	129159290	129159476	3.20	18.40	5.50	45.60	93.70	129159346	1.4
AR.N20.VII.1712748	chrX	129164221	129164327	1.10	8.00	0.00	58.30	100.00	129164288	0.5
AR.N20.VII.1712749	chrX	130633626	130633743	1.20	8.60	0.00	30.80	50.00	130633646	0.5
AR.N20.VII.1712750	chrX	131804631	131804822	3.40	15.90	0.00	36.10	100.00	131804711	0.9
AR.N20.VII.1712751	chrX	134118853	134119071	1.60	22.10	97.00	53.00	96.20	134118951	0.5
AR.N20.VII.1712752	chrX	134176660	134176878	1.60	22.10	97.00	50.00	94.00	134176781	0.5
AR.N20.VII.1712753	chrX	138453953	138454121	2.70	12.80	0.00	65.50	100.00	138454040	0.7
AR.N20.VII.1712754	chrX	142843357	142843467	1.30	17.90	11.10	59.30	75.00	142843374	0.6
AR.N20.VII.1712755	chrX	152511700	152511927	1.50	7.10	0.00	68.80	100.00	152511834	0.5
AR.N20.VII.1712756	chrY	2606697	2606921	2.80	40.20	98.40	46.20	92.90	2606833	0.8
AR.N20.VII.1712757	chrY	7513987	7514203	2.30	22.70	65.30	51.60	82.80	7514047	0.7
AR.N20.VII.1712758	chrY	8539953	8540094	4.10	28.90	1.10	65.20	72.40	8540001	1.6
AR.N20.VII.1712759	chrY	10454718	10454909	1.70	10.90	35.50	35.50	100.00	10454872	0.6
AR.N20.VII.1712760	chrY	13150624	13150728	1.00	7.30	0.00	72.70	100.00	13150690	0.6
AR.N20.VII.1712761	chrY	19217755	19217895	1.90	26.60	97.50	42.50	100.00	19217852	0.9
AR.N20.VII.1712762	chrY	19345054	19345194	1.90	26.60	97.50	60.00	95.80	19345097	0.9
AR.N20.VII.1712763	chrY	24935962	24936157	2.00	17.50	97.70	54.80	57.20	24936003	0.5
AR.N20.VII.1712764	chrY	25845076	25845246	1.90	17.10	99.00	46.30	100.00	25845206	0.5