

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 1											
		(1)	1	10	20	30	40	50	60	75			
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1)	GCGTCGTCTCTGACTGGGGTCTGCTGTGCCAGCCAGGTCTTTGGCCCTCCTCTCTGCCCCAGCA-AGGCTTC											
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1)	-----TCCTTATCTTTAGTCAATAAC--CAGCCAAACACAGACTTG											
		Section 2											
		(76)	76	90	100	110	120	130	140	150			
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(75)	CTGCGCACCCATTCTGGCCTGCT											

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		Section 8									
		(526)	526	540	550	560	570	580	590	600	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(501)	CTC	CTG	TAG	CCCCG	GTT	GGTT	-TAG	AAT	TCC	TACATAAT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(474)	TCA	CTG	A	AATTGA	GTT	GT	TCC	TAA	AAT	GCC
		Section 9									
		(601)	601	610	620	630	640	650	660	675	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(575)	C	CAC	C	TCCCAG	AG	TG	ATAA	-AA	TTAC	AAAT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(546)	T	CAT	C	AATGTT	AC	TA	AGAA	GAA	GAAG	AA
		Section 10									
		(676)	676	690	700	710	720	730	740	750	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(646)	G	TAT	A	-TCT	GG	TAT	TAT	CAT	GT	T
Triticum aestivum cultivar Chinese Spring chromosome 6...	(620)	C	AAT	TC	TCT	TC	T	-TAG	GC	AT	GAC
		Section 11									
		(751)	751	760	770	780	790	800	810	825	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(720)	G	C	TCCA	-GCT	TTCC	----	TAC	ACC	ACC	CT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(694)	G	T	TCCA	ATGC	CA	CCGATGT	TAT	AGGTAG	CA	AA
		Section 12									
		(826)	826	840	850	860	870	880	890	900	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(786)	C	T	TCT	CT	CT	CT	CT	CT	CT	CT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(768)	G	T	GT	TC	CT	ATC	AAGT	TTC	CA	CC
		Section 13									
		(901)	901	910	920	930	940	950	960	975	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(861)	C	C	CT	TCA	GT	TG	GCC	CAT	CT	T
Triticum aestivum cultivar Chinese Spring chromosome 6...	(843)	A	CT	TCA	CC	TG	---	CAGG	TTTG	CT	GT
		Section 14									
		(976)	976	990	1000	1010	1020	1030	1040	1050	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(935)	G	GCT	CT	GGG	AT	AA	C	AGGG	TC	TT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(915)	T	TAA	C	GGG	GA	AA	G	CGCAT	TC	TT

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		Section 15									
		(1051)	1051	1060	1070	1080	1090	1100	1110	1125	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1009)	CATGTCCTGGAGAGCC	TCTG	----	GGAC	CAGAGTGG	GACTTC	AGTACC	C--TGCC	CTTC	TGGG
Triticum aestivum cultivar Chinese Spring chromosome 6...	(987)	AATTGTGACACTTGA	TCTGTATCT	GTAG	CA	TGAAAC	GACTTC	CTGACC	AAATGTT	CTTTC	---GCC
		Section 16									
		(1126)	1126	1140	1150	1160	1170	1180	1190	1200	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1078)	GCTG-ACCTCTTA--	CCG	GTAGTGTCTC	CCAGGTTGCT	TGCC	TACAT	GCTCAG	CTAGC-	TCC	TTCTTCG
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1059)	CCTGGATCAAGTAAGT	CCG	AGACCCA	CCTCAATCTAG	AGTTTG	TA--	GCTTTC	CTAGAA	TTT	TTAAATT
		Section 17									
		(1201)	1201	1210	1220	1230	1240	1250	1260	1275	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1149)	ATGGCC	TCCA	CTT--	AGTCT	AGGAGCTCCCG	GCCGCTC	CTT--	GCC	TCTCCA	TTAATTAGC
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1131)	ATGGAA	TCCA	GTTC	CA	ATTTTATTTT	GGTGCTC	AA	TTA	GAT	TCTCCA
		Section 18									
		(1276)	1276	1290	1300	1310	1320	1330	1340	1350	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1215)	TATTAAATC-T	CGAAAGTAA	CGTG	CAAC	TG	CAGCCCCGGG	TTTTCAGG	CTGT	GGAAT	AATTA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1206)	TCTAAACCATAC	ATAATTC	CTTG	CAAC	ATG	GTGAAGTACT	TTGAATAA	CGGT	CTGT	CAATCA
		Section 19									
		(1351)	1351	1360	1370	1380	1390	1400	1410	1425	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1288)	GAGGAGCTGT	CAGGTCTGG	GAGAC	CAGC	CAC	TGCGAG	CCAC	CCC	GACACC	ACTTAA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1281)	GGGTAAATAT	TTCGTTGTAT	GACG	CAAG	CAC	AAAGAC	CCTG	CA-G	CTAAG	ATGAGT
		Section 20									
		(1426)	1426	1440	1450	1460	1470	1480	1490	1500	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1363)	AAAAAAGC	CCTGGG	CCAC	AGTCTG	GCCCCT	AA	CCCTAA	AGCA	AAAGC	CCA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1353)	CAGAAAGAGC	TTGATTAA	AT	AGTCTG	-----	AA	ATCTCA	AAAA	ACC	AA
		Section 21									
		(1501)	1501	1510	1520	1530	1540	1550	1560	1575	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1438)	CTGGGAGGTGCT	GAAAGGC	CCAG	CC	TGGGA	--	GTCAGG	CTC--	CTGGG	CTCTA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1415)	TTGTCATT	TATCCAAAG	CCAT	CC	AGTGA	ACTT	TAAT	CTTAT	CTTAAT	CTTCCC

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		Section 22																	
		(1576)	1576	1590	1600	1610	1620	1630	1640	1650									
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1509)	GGGGAACCTGTGGCCTCCCCTAACTCCTGTCTGGTTGGCAC	GGG--ATTCTTAGGGATGTAGACCTTGTGGC																
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1490)	GGGACACCTCACTACTAGGGAAAGCCTAGTAG--TAGCACGGTTAAATGCTTATCA--GTAGCGGGGTGGC																	
		Section 23																	
		(1651)	1651	1660	1670	1680	1690	1700	1710	1725									
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1582)	TAGAAGGGGACCTCCAGGCTGAGCAGGAGCAATGATCAGCACAGCCCTAGCATTTCTAGAAAGAGGGGGCTGC	CAGTCC																
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1560)	C-GCTCTACTTTGGCCTCCGCTCTGCAATACCCCCCGGT	CACAATACTTCTTTGCGATAGTTTTTTTGTGCAGTGC																
		Section 24																	
		(1726)	1726	1740	1750	1760	1770	1780	1790	1800									
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1657)	CCCTTACCTATCGT	CAGCCACAGGGCCACGTGTA--AGGCAGGAGGGGCAT	TCA-----GCTGGGCAGAGA-AG															
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1634)	CAGGAAGGATCTAC	CTGGTCTGGGTGTTGTAGCACTATCAAGTTTGCTCTGTCA	AAGTCTGTGCTC							GATCTAA								
		Section 25																	
		(1801)	1801	1810	1820	1830	1840	1850	1860	1875									
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1724)	GATGGCTATG-GC--TACCTGGGAAAGTGGTAGCCATGATGGCTGTCAAGGCC---	CAGTCTGCTGAGGAGGGT																
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1709)	GTGGGCATGTGCAGTTCTTGC	GACCGTGGAGTGA								CCCTCTCTCAAGCC	TCCCATCGTGCTGTGTTACGGG							
		Section 26																	
		(1876)	1876	1890	1900	1910	1920	1930	1940	1950									
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1793)	CCCTCACACACAGGCAGAAAG-CAGGGCACTCTCCTATAGCCAGGCC---	AGAACGT-CTCTCTTTTCAGGAC																
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1784)	CAAAACCAACACACAGGC	GCTGTCTGCGCATATAGAAATTCTCGCAGAAAGAGTGTCACTCTGTGTCCGATA																
		Section 27																	
		(1951)	1951	1960	1970	1980	1990	2000	2010	2025									
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1863)	CTTACC	CAACCTGTGAGCT---GGG	GTATTTTCCAGTTTACATTTGGA--AACAGAGGCTTGGGGC	CAGG														
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1859)	GCCCTGGCCGATGCTTCTATCCGGAC	GGGACATGTTACGAACGAATCCTTTGATGATCCATTATCCTCTCAAA																
		Section 28																	
		(2026)	2026	2040	2050	2060	2070	2080	2090	2100									
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(1932)	CTGC	CCTGCTCA	GTGGTGCTGGC	CTCAGACTTTTACAAGGCCACAGTGTGGCTTCC---TC	CACCA													
Triticum aestivum cultivar Chinese Spring chromosome 6...	(1934)	CGGC	ATCATGTTGTG	CAGGAATGACGGCCCGG	GCTATT-ATGTCGTCCACAATATGGACA	CACAGATGCACCA													

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		Section 29																				
		(2101)	2101	2110	2120	2130	2140	2150	2160	2175												
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2004)	CATAT	TCCAGACT	CTGTGGC	CTTCTGCACA	---	CACGCTG	CCTTC	T---	TCTCTTTGGTGT	TTT---	TAG---	T									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2008)	TGACG	TCAAAGAA	CGCGGGC	AGAAAGTACA	TCT	CAAGCT-	CATTC	AGTA	TCACAACGAT	CTCTT	CCTG	TAGCCT	T								
		Section 30																				
		(2176)	2176	2190	2200	2210	2220	2230	2240	2250												
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2066)	CAGGGTCT	CTACTT	AGTCC	TCACTGT	CTTG	GAGCT	CAC	T-----	AAGTAG	ACCAGC	CTGGCCTCG	GAT	TCAGAG								
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2082)	CGGAGCTG	CTTCAC	ACTGA	TCGACT	TTTC	GAGAGAT	GAC	GTCGAAA	AAGTT	G	CAGAGAC	CAATAAGC	GTGTCA	AT							
		Section 31																				
		(2251)	2251	2260	2270	2280	2290	2300	2310	2325												
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2135)	A--TCCAT	TGTGC	TCTG	CCTC	CTGAGAGC	TGGA	TTAAGAG	TGTGTG-	CTG	CCGGG	CGTGA	TGGT	GCAC	GCCTTTA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2157)	ACGTG	CTTGT	CCAT	TAT	CCCT	CTAAGG	GC	AACAGGT	AGTAT	CTGCGT	CAT	CATCA	CATGA	CAGTCATGGGAC	TTT						
		Section 32																				
		(2326)	2326	2340	2350	2360	2370	2380	2390	2400												
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2207)	ATCCC	A--GC	ACTT	GGGAGG	CAGAG	GCAGG	TGGAT	TCT	GAGT	TCGAG	GCCAGC	CTGGTCTAC	AAAGT	AGTTCC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2232)	ATCCC	GCTGA	ACC	TTTTCTT	CTG	CTGTG	-TAGAT	ATCT	TCT	TATTTT	GCCA-	-CAGTAACTG	AAAT	TAAC	TTTG						
		Section 33																				
		(2401)	2401	2410	2420	2430	2440	2450	2460	2475												
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2280)	AGGACA	GCCAGG	GCTAT	TACAGA	GAAACC	CTG	TCTCA	AAAAA	AAAA	AAAAA	AAAA	AAAA	AAAA	AAAGT	ATGT						
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2304)	ACTCTG	GTAAGG	CACT	TGAAGA	ATTGAT	CGA	TCTCA	GCCGG	ACTT	AAGGTG	AAGC	AAG	AAGGGGGC	AAATA	ATCC						
		Section 34																				
		(2476)	2476	2490	2500	2510	2520	2530	2540	2550												
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2355)	GCCA	CCGTGC	CCCA	TGAG	GCAC	TTCT	TCTTG	GTG-----	GCTCCA	ACTAG	G	CAG	CCTGT	TGGGCCA	TAGGGTCA						
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2378)	TCTT	CCTTTT	CTTT	TTT	GC	CA	TTCT	CTCCG	CG	CCTCT	GT	CTCCA	CTCT	GTGT	CCTCTGACTTTT	TACGGGGC					
		Section 35																				
		(2551)	2551	2560	2570	2580	2590	2600	2610	2625												
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2425)	GGAC	CATG	CTCT	GGCT	CCC	ATA	CC	TATGCTGAAG	GC	TG	GAC	AC	TTT	CG	GGTC	TC	AAGAA	ACG	CT--	GTGAAGG	
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2453)	GG--	CATG	TG	CAGAT	CT	CCC	TGA	TTT	TCAAA	TCTT	GCAAG	T	CTT	TTT	TC	TT	CG	CGC	ATC	CTTG	GTCTTAT

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		Section 36							
		(2626)	2626	2640	2650	2660	2670	2680	2690 2700
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2498)	AGA G C A G G C A G A A T A C A G G C C G G G A G T A A A C A C C C A T A A T T C C A G T G G A G G C A G G A G C A C T A C A G A G C C A T C C C							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2526)	C C G G C A T G T T T C A T T A G T G T C - G C A A G C A A G C T C T C A - A C G A C A T T C T T A T A G A T A T G C A C T T - - G A T C A A G G C A A							
		Section 37							
		(2701)	2701	2710	2720	2730	2740	2750	2760 2775
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2573)	T G T A C A T A G T - G A A T T G A A G C C A G T - C T A G A A T T C A G G A A A C T C T G T C T T T A A A A A A T A A A G G G G G T G A G G C T G G							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2597)	T G A G G T G T G T C G A T T T T G T G C C A G T A C T C C A A G T C C C A G A A A A C A G A C C T C G G C T T C C A T A C C T - - - - - T C G							
		Section 38							
		(2776)	2776	2790	2800	2810	2820	2830	2840 2850
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2646)	G C A G T G G G G G C A C G A G C C T T T A A T C - C A G T G A A G G C A G G T G G A T C T C T G A G T T C A A G G C C A G C C T G G T C C A C A A							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2664)	G C A G C G G C T C C G C G C C T T T T T A T C G T C T T T C C C G G C G C G G G C A C T - - - - G T T C C C A G T T T T T C A A C A G C T C A T							
		Section 39							
		(2851)	2851	2860	2870	2880	2890	2900	2910 2925
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2720)	A G A G A G T T T C A G G A C A G C C A G G G C T A C A C A G A G A A A C C T A T A T C A G A A A A A A A G C A C A G T G T G A G G T G G G G G G							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2735)	C G A - - - T T T C A G C G C G C A A C G C T T A C G T G A G A G T C C T C A T G - C T C A G C C T C A C A T T G A A T A G A T C T C C A C G G							
		Section 40							
		(2926)	2926	2940	2950	2960	2970	2980	2990 3000
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2795)	G C A G A G G G C A T C A A G A T T G T T C A G T G A A C A A A G G C G T C T G C C A C - T A A G C C T G A C A G C C T G A A G T C C A A C C A C G G							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2806)	T T T - - - - C T C C A C G G G T C G T C T T C T C G A - - G C A G A T G C C C A T G T A C A C A T T T T C C C A - G A C C A C C A T C T							
		Section 41							
		(3001)	3001	3010	3020	3030	3040	3050	3060 3075
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2869)	G A T C C A C T T T G T G A A G G A G A G A C C A A C T C T G C C A G T T G T C C T C T G A C C T G C A C A T A C A T G C - T G T A A C C C T G							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2873)	T T C C T T G A T G T T A G C T G C T G A G A C G T C G T A T C A T C C A - T G C A C C G C G T G C A T T C G C A - A T A T C C A T G C A C A C C T							
		Section 42							
		(3076)	3076	3090	3100	3110	3120	3130	3140 3150
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(2943)	T G T A C T G C T C C T T C T G G T G G T C A G G G G T A G C C T T G C - - - - T T G T G C C C A C T T C C T G A T C C C T A T A A G C T C A G G							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(2946)	G G T - C T G C G A C A T A T C T G T A A C C - G A G A T A G T C G T G C A C C A T C G T G A T C A G C G C G A C - T C T C G T A T A G A A T A G T							

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		Section 43									
		(3151)	3151	3160	3170	3180	3190	3200	3210	3225	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3014)	CCCGTTAGGAGCTCCCAA CCCCAATTTGGC--TCTTGCACAAAGGGCTGAGTATCCTATACCCAGAGTCTC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3018)	GCGCTTT---GCTGCCGT-CCCATGCTTGCCGGTGTTTTCATAACGTGTAAATATTTCGTGTTGTTC									
		Section 44									
		(3226)	3226	3240	3250	3260	3270	3280	3290	3300	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3087)	GGAACCCAGGCTC--CTTGCTCCAGCTGCTTGACTGTCCCTCTACCCCATGTAGCCCGTGCCTTTGACCCCTCC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3088)	GGCCCTTGAACTAGCATGCTCA----TG--TGTA TGTACTTCGACTTCATGCACAACTGGGGGAGGTTGTACA									
		Section 45									
		(3301)	3301	3310	3320	3330	3340	3350	3360	3375	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3160)	GCAC TGA--CTTACCTGACTTTGTCTCTCTCTTCTCTGTCTTGCAGCCAACAGCTCCCTGCTTGGA GCGGAG									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3157)	TCATATACAAACACAGGC GACGTGCTATGGTTGGTGTCTGTG--TTGC--CAAACGATTCTATGTCATC--GGTACAC									
		Section 46									
		(3376)	3376	3390	3400	3410	3420	3430	3440	3450	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3233)	GGGGTGAGTACTAGACCTTTCCT--GAGTCTCCTGTAAAGGGTGGAGTGGGGGTGGGGGTATGGGCTCTC--CTG--TTT									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3228)	GCGCCGAGCAC--GATGTTCCTTGACATCACTTA AAAATCTGATATTTCGCCATTGAACGCTCTCCATCTGCTTC									
		Section 47									
		(3451)	3451	3460	3470	3480	3490	3500	3510	3525	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3303)	CCTTCTTCAAGTCCCTACAATTTCA GTCAGTCCCC----TCTGGTGTATT CAT-----TGATAAAGCTAGAGG									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3301)	CATCCTTGACGTGTCT-CAGCTTCGATCATCTCCATCATCGGGCTCTCCCTCTCCGCGTGCCAGCGCATGAGC									
		Section 48									
		(3526)	3526	3540	3550	3560	3570	3580	3590	3600	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3367)	CTTGCTTCCT----CTGTAGGGTA--ACCTCCCCACCC-----CCACCCCTGAC--ACACCTGAACCT-----CAA									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3375)	TTTGCTTCCTTGGAATCTACGAAATACCGCTGGAGACGGGGAGTGAATCGGTAAGTACCATAGAACCTTTCTGGGGA									
		Section 49									
		(3601)	3601	3610	3620	3630	3640	3650	3660	3675	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3424)	GCC TCC TCCCGGC TTGTACCTGAACACGCTGGAGCTGGAGGCTGGGGCTGGTAGACAAAGCCTC ACTCTGTGC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3450)	GATTTC TCCCGGCCTT--CTGTAT--GGAGAAGCATTGCA CACCGGATAGCTTGTTTTTTCTCCTC GTGCTCCTT									

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		Section 50							
		(3676)	3676	3690	3700	3710	3720	3730	3740 3750
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3499)	CTGATGCCGGCTGGGCCTTTGAAGCTCTTGCTAATTGTCT-CAGCTTTTCCACTGT-CTC-TGCACTCAT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3521)	CCGATGAATTAAGCAATCGTTGATGCAATGCTGGTATCTAACGTGCGCAGATCAAGAGGGCACAATGATCTTCAT							
		Section 51							
		(3751)	3751	3760	3770	3780	3790	3800	3810 3825
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3570)	CCATCTCCGGCACTCAAAAACCCAGGTTCTTGCCAGGTAGTATCTCAGACCAGCGCTACAGCAACCAAGGT-AGGGA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3596)	CGCCTTATCCACACTAGTAGGACATAAGATTCCTCCGTGGAGAGAACATCTAGAGGTACTTTAGATGCTCATCTGA							
		Section 52							
		(3826)	3826	3840	3850	3860	3870	3880	3890 3900
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3644)	A-CGGGTGAGTGACAAAGGGACAAAGGCCAGTG-CAGCAGGTGCCTCGAGAGGGGGCAGCCCTGTGGCCCACTC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3671)	GGCTAGTGTCTCGGTCAATTTGTTTTTAGCCCTTCGTCCTTTAAGAGT-TCGAGCGTGAAACTCAAGCGGTG-ACCTC							
		Section 53							
		(3901)	3901	3910	3920	3930	3940	3950	3960 3975
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3717)	TGCCCT--CAACCAAGCCCTCCACCACCCACCTCAGCCCTCAGCCCCAGCTGCCGGGCAAGCCACTGTCTGCGCAGT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3744)	AGGATTGCAACCATGATACAAATGTAGCGTTCGAGTCTACCAACAGTTGCTGCAGCTGGGCCCTC---CTCTCTAGA							
		Section 54							
		(3976)	3976	3990	4000	4010	4020	4030	4040 4050
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3790)	GGCGGCAGGATGATTGGTGAGC-CACGGGGCAGGGGTAAATGCGCCGCGGGATAAATCCCGGGGCCATGTTTAC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3816)	AGCAGCTCTCTCAGTACTCGTCTCCTTGCGAAGCACTACTTGAAATGATGAGGTCCCGCACGATTGAACCTTAGTAC							
		Section 55							
		(4051)	4051	4060	4070	4080	4090	4100	4110 4125
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3864)	-GGCAGCGGTGGCGGGCCCCAGGCCAGGTTTAAAAAGGGGAAAGAA---ATAAAAGGGGCAGCGA-AGGTCAAGGA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3891)	TGACAATTCTACCGCGTGGAGTCCATGTTCTCTCCGCCCAATGTCCGACACCTTCTCATCGGCATGTCACTA							
		Section 56							
		(4126)	4126	4140	4150	4160	4170	4180	4190 4200
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(3933)	ATAAATAAGCACGCCTAAGAGCTGTCCGTGACCAGCCAGGAT--GCAGGGGCTGTTTGTGACTGAGGATGCT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(3966)	CTAGGAACAACCTTACCAAGTAGCGCTGTTTTTTTTGCATTAGTAGCGCTGGCAGGCGCGCTACTGCTACGGCGC							

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 57									
		(4201)	4201	4210	4220	4230	4240	4250	4260	4275	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4006)	TCCCTCCCC	ACTC	TCC	TCTAGCTGTCC	---CGTGGAGGT	CACCGCTT	CCCAGGATGGG	GGTT	TGGT	GCTCATCT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4041)	TAAA-----	ACTA	TTT	TGTAGCAGTAG	CCTTGT	TAGGC	CAGCGCTAC	CT-----	GGTA	TGTT---CAGCT
		Section 58									
		(4276)	4276	4290	4300	4310	4320	4330	4340	4350	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4078)	ATAGGCCCT	TGGGG	GCCTCT	TTAC	AAGCCTG	ACCTTTAAG	AGGAACA	GGTCCCTCTG	TGGTTGG	TGTGACACCA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4099)	ACTAG---	TAGCG	GCCTCT	GGA	AAGC	GGTACTGG	TAA	ATGAGCA	CTGTGGTAA	TATTTTGGCCGGGC
		Section 59									
		(4351)	4351	4360	4370	4380	4390	4400	4410	4425	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4153)	TCTAACCA	ACAGT	ACCC	TTC	CCACACCTA	TTCA	TTCCTC	ACTC	GGTGCTCT	CCGTGTGTCACAGA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4169)	TGCTA--	AAAT	TATG	TTC	-----	TTTT	TTCGTC	TTT	TGGC	GCTGTACATGTTTAAACAGATA
		Section 60									
		(4426)	4426	4440	4450	4460	4470	4480	4490	4500	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4227)	GGACA	CTGAC	GAC	CAGC	ACAGG	ATAGT	GGGAGG	TCC	CAGGTACAT	CAGGGCTCAGCATGA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4233)	ATACA	TGGCA	ACTCAT	TGAC	ACTAGT	CTGT	TAA	TAG	CATATTCATT	ACCACTAGTCATCAC
		Section 61									
		(4501)	4501	4510	4520	4530	4540	4550	4560	4575	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4302)	AAT	TTCAGG	AAGGA	AGTGGGG	CTGGAC	TGGT	GAGG	AGAGT	TGGGAAG	AGTGTCCCTGAGTGGAGGGAA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4307)	ATG	TTCGTC	AA	TGAGA	-----	CAT	CATA	TATATA	ACA	AGTGGTCACTAGTGTAA
		Section 62									
		(4576)	4576	4590	4600	4610	4620	4630	4640	4650	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4375)	CAGAA	AGGC	CC	CA	AGATGA	AGG	AGCA	GGGTAT	TGAAG	AGCCTCAGCTGGC
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4375)	CCTCA	TCAA	CT	CTA	ACAC	ATTG	TAGCA	CATTATA	ACA	ATTCTACCTAGGACCT
		Section 63									
		(4651)	4651	4660	4670	4680	4690	4700	4710	4725	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4450)	AG	ACC	TGAAGAG	CAACG	AGAAC	AGAAAC	CT	TGGGAGG	AGCTAAG	GGTGTAGCATTTCCTCTCGGGAA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4450)	CT	ACC	CT----	CTCTT	AG	GTA	AA	ATA	TATATA	AAACAAGATAGG-----CATTGACTCTCATTAGGAA

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 64							
		(4726)	4726	4740	4750	4760	4770	4780	4790 4800
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4525)	TGGA	GGACGA	ATGTGG	GCCTTT	CAGCTT	GCCTAT	TCTTT	TTTGT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4512)	TGGA	CTCTCC	ATAATG	AAGAA	GGAGAT	TC--AT	CTGTCT	CCAA
		Section 65							
		(4801)	4801	4810	4820	4830	4840	4850	4860 4875
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4599)	AC	AGC	GTTT	TCTCT	GTGTAG	CCCTGG	CTGT	TCC
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4585)	T-	AGC	---	TCTCT	CCGATG	GTGGAAT	TTT	TTT
		Section 66							
		(4876)	4876	4890	4900	4910	4920	4930	4940 4950
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4674)	C	ACCTCC	CTG	CCTCTG	C	TGAAT	TAGAGG	CGTGCG
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4654)	C	GGTATG	GAC	GAG---	TGA	TGTGA	TAC	TGCGG
		Section 67							
		(4951)	4951	4960	4970	4980	4990	5000	5010 5025
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4749)	C	AAAC	CCCT	CACGT	CC--AT	TGAGAA	TCC	CATCTA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4715)	T	AA	CAT	CACG	ACC	TCT	TG	GC
		Section 68							
		(5026)	5026	5040	5050	5060	5070	5080	5090 5100
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4822)	CT	CCTG	CACT	CCAGGC	CTT	CCCCACA	AC	CACACCT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4782)	AA	CATAG	TAA	TAA---	CTT	TGTAGTT	AG	CAATGTAG
		Section 69							
		(5101)	5101	5110	5120	5130	5140	5150	5160 5175
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4897)	TGG	GTA	CT-	GTGG	GTGGCA	GAG-	AGGC	ACA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4853)	GTC	GTA	ATA	GTGG	AAAAATC	GTA	CC	ATGC
		Section 70							
		(5176)	5176	5190	5200	5210	5220	5230	5240 5250
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(4964)	G	TAGG	GATG	-TGC	TTTT	CCC	GAGGG	CATC
Triticum aestivum cultivar Chinese Spring chromosome 6...	(4927)	A	TAT	GACCA	TAA	TTTT	AAG	GATT	CGAT

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 71									
		(5251)	5251	5260	5270	5280	5290	5300	5310	5325	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5036)	GACCCAC-CCTGAGTACTGGCGGAGGCTGCAGCCT-GCAGTCCACACCCTGGCTTTCACCTCTACTGTAGTTGTTT									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5002)	ATCTTTCTCCTTATAAGTTAATTGTGCTTCATCATTGTAGTAGTAGGTTCTTTGTACCACTCTCCGTACATTTT									
		Section 72									
		(5326)	5326	5340	5350	5360	5370	5380	5390	5400	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5109)	TCTGAGAAACCACCCCACTTCTACCATGTGACAAATTCCTCATCACTACCTTCACTGCGCTTCGTCTGTCCCTCA									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5077)	TGA-AGAAAGAAATAAGTTGT-CAATG-GAAATAAGCTGTGAATAATTGTAATAAAAAATATAAATTAATACTTA									
		Section 73									
		(5401)	5401	5410	5420	5430	5440	5450	5460	5475	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5183)	AAAGGAA-----AGGAATTGTCAG-GATATGGGCTGAACATCTCCCATGAAGGGAGGGACCTCGCCCTTGAGG									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5149)	ATAAATAAGTTTGAAGAACTCAACAAGCGGTAGAACTGAAGCG-TGTTAACAAAGGACCCAATGGTCA-TATTA									
		Section 74									
		(5476)	5476	5490	5500	5510	5520	5530	5540	5550	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5251)	GTAGCAGGCAGAGT-AGGCT-AGGCAGAGGGGTGGCTTGCAGGC-ATCCTGGTGCTGC-CTTAAGCCATGGGGT									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5222)	TTTTCT--GTCGATGTCAAGGATCAACCAAGATCGATGGTGAGAGCATACCTCATGAAAATCATACGCCCTGCAAA									
		Section 75									
		(5551)	5551	5560	5570	5580	5590	5600	5610	5625	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5322)	GCTCTGGCTCCCTTTTTCAG---CTTAGAGGTGCGGGGAGG-CTGGGTGATAAGGAGATGG-GTGGAGCAGTGAC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5295)	GGGCT---TCCCAAATTCAGGCAACCAAAATTGATGAGTTCAAGAAATATAAGATTACAGCAAATCATTAAC									
		Section 76									
		(5626)	5626	5640	5650	5660	5670	5680	5690	5700	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5392)	CTTGAGGAAGTCCGGCCTTTCATC-TAAATGCAGCTAAGATTTATGAGCCTCTGCACTAGGC-CTGGGATAC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5367)	CATGATGG--GTCCTTAGTTGAATTATCTTTGTCTCCATGCTTTTCATGATCTTCAAAACCATCTTCTCCAAGAC									
		Section 77									
		(5701)	5701	5710	5720	5730	5740	5750	5760	5775	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5465)	AGCCCTGCTAAG--GAAATTGGGGCAGGTGGAAGTGCAAGACAGGGCCGTGGAGGGAGGAGGCAGAGCCTGCGGG									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5440)	ATAGCGTCTTACATGGCATGGGATAAGCTAGTCGAATTGTAAAGACGGAAATTACACGTGCAAGAGCAGAGAA									

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 78							
		(5776)	5776	5790	5800	5810	5820	5830	5840 5850
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5538)	GCCTG GCA TCTGA AGTTG AAAATG CAGCC TGC CAGTTACCCG GACATACCC CTT CA-CATAT GACACATCT GTTCA-							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5515)	GTTGT GCAAAAAA TAACA AAAAACA-CTTGTCTGTGTTGCGTACGGTTTTCAA CATCGAAGGTCTCTGTAGCTT							
		Section 79							
		(5851)	5851	5860	5870	5880	5890	5900	5910 5925
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5611)	----CCCCATCA CCAACCCTG-ACCC CAGGAAGACCC TGGGACCGATCGTGGGGGCCTGAAGTTCTTCTCTGTAG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5589)	GATGCTGAAGCGCGACCTTCTACCCGGTGAAGCCTGTCTGCACAGA CCGCG-----CTCATCTT--TGCACTACT							
		Section 80							
		(5926)	5926	5940	5950	5960	5970	5980	5990 6000
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5681)	AGCTCAGGTCTCTACCTTGCCCTTATCTGTCCTC-TCTCAGGAT-GGCCCTGGAGAACCTTGTATATGTCAGCCA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5657)	CGCACA--TAGCGAATTCCTTTCGTCTGTCAGACATTTCTCTAATAGGTAAATTATAAATCCATC--ATCGAATACA							
		Section 81							
		(6001)	6001	6010	6020	6030	6040	6050	6060 6075
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5754)	CAGACCAAGCAGACATGCTACCAAGCTCTTGTCCCTAGCTCTGGGC-C-CTCAGACTGTACAGTGCTCAGTGCTCTA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5728)	TATAT-AGTAGTT-TGTAGCAAGATCATTCATATAACAACTAAAAACCTAAATTTGTAGTTTGTAGTAGTTTG							
		Section 82							
		(6076)	6076	6090	6100	6110	6120	6130	6140 6150
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5828)	CCAAGGATGTCTTTCCTGAGAAGGTCAAGACCTAGGACACTGAGCTC-TGGAGCCCCTCACGGTGAACCTCTGC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5801)	TAGCAAGATCATCATCGAACCTAGTTT-GTAGCAAGATCATCATATAAATCCATCATCTAATACATATATAGTA							
		Section 83							
		(6151)	6151	6160	6170	6180	6190	6200	6210 6225
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5902)	TCAGCTAGCACAAAGGGGCGAGACTCTATGCTCTCCGTGTGTCTGCCAGGGCTGAGGGTCCGT-----GGGTACT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5875)	GTTTCCAGCACAAACACGCTCATCTTTTGCATTCAAATAAGCAATAAGTAATTAATAATCCATCATCGAATACA							
		Section 84							
		(6226)	6226	6240	6250	6260	6270	6280	6290 6300
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(5973)	CAGGGCTTTGCTCTGCAGTCAAG--CGGCCCAATTAGAAGTAGGTT-TCTCAAGCAAAGGATGCTGGGACTTGG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(5950)	TATATAGTAGTT-TGTAGCAAGATCATCATATAATAATCACTAATACA TCTCGAATAAGCTCTCT----CTAGG							

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 85									
		(6301)	6301	6310	6320	6330	6340	6350	6360	6375	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6045)	GC	CTT	GAA	GACT	GAATA	GGAGTTT	AGCAGG	ATGGAGA	GATATG	AGGGA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6020)	TT	CA	GTG	GGCG	GCGGG	GGA	CACCCAA	AGAGA	AGGAACC	ATCACC
		Section 86									
		(6376)	6376	6390	6400	6410	6420	6430	6440	6450	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6119)	GG	AAG	TCT	AGTCT	TCC	TGGT	GGAG	CTGGT	GA	CTTCC
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6091)	AG	AATC	TG	CAGG	TAT	TGGAG	AAC	CGCC	GTT	CGCC
		Section 87									
		(6451)	6451	6460	6470	6480	6490	6500	6510	6525	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6194)	GT	GAA	AGC	CAGT	TAT	TGG	CTCAA	TAAAAA	GATGT	CTGAA
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6165)	CG	TGAC	CA	CGGT	GCT	TGTA	CACCC	TGCGCG	GGG	GACT
		Section 88									
		(6526)	6526	6540	6550	6560	6570	6580	6590	6600	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6268)	GTC	CT	AAA	TCA	AGG	ATAG	GG	TCGAC	AAG	GCC
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6237)	---	C	AAA	GAG	AG	CTCCA	GG	TCGAC	GAC	GGG
		Section 89									
		(6601)	6601	6610	6620	6630	6640	6650	6660	6675	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6343)	AT	GAG	AGCC	GG	CTTTCTC	GG	GGAG	ATTT	GTGC	GTT
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6308)	AG	TACC	AGCC	CG	-----	G	GGAG	CCCA	GTCC	CGGA
		Section 90									
		(6676)	6676	6690	6700	6710	6720	6730	6740	6750	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6414)	TT	G	ACTA	AA	G	GGATAAT	AA	ATGT	ATCG	GAG
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6376)	CG	AG	GACG	AT	G	ATGCGGG	AT	AGGC	ATCG	TG
		Section 91									
		(6751)	6751	6760	6770	6780	6790	6800	6810	6825	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6488)	CA	AGT	CTTAG	TGA	CA	GAT	AAATTC	AG	GGC	CGCC
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6451)	CA	---	CTTAG	---	CA	---	AAATTC	GG	---	CATG

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 92							
		(6826)	6826	6840	6850	6860	6870	6880	6890 6900
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6563)	CGCCC CAAGG GCG AACACTGGGAGCCAGCGGTTGGGGTCAGACAGGTCCTTGGCAGGAGGGCAAGGCAAGGCTGG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6513)	C----CAGAACGTAAAC-----GAATCGACATTTCTGGCAAACAATAGGCCACTCGGA AAAATATGACATCTTCA							
		Section 93							
		(6901)	6901	6910	6920	6930	6940	6950	6960 6975
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6638)	GAA GGGGGAAGGAGCCCTTGTCCCTCACCTCTACC-----CCTGCTTGGGCCTCACGTGTATCAGCCCCCA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6579)	AAATATGACATGTCTCACTACAAATTTTGCAATAACAGGAAAAATTGCTTTAACTAA AAAAGATAACAACAATTTTC							
		Section 94							
		(6976)	6976	6990	7000	7010	7020	7030	7040 7050
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6706)	TGAAGCTACAGGAA--CTGAGGGTCTACCTATCTGTTCAACACATCGGCTCCCGGGCC-ACCCGTGACATGCCTCA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6654)	TTTAACATAAAAAATACCTAGAAATCTGA-TAAGCTACAAGCTAAACAACTAAACAACCTAAAAATTCTGTAACTA							
		Section 95							
		(7051)	7051	7060	7070	7080	7090	7100	7110 7125
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6778)	CCCTACAGCCA-TATCCAGCACCAACATGCTGGGAGAGGCCAGGATGGTGGTGCATCCTTCCAGCCATCCCTG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6728)	CACCTAACAACAATAAAAACCTAAACATCTTTTAATACAGCTAAACACCTAAATTCTATTACTA-CACCTA							
		Section 96							
		(7126)	7126	7140	7150	7160	7170	7180	7190 7200
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6852)	GCATGGGACCTTTGTACCTTGCCTGCTGCTCCCTCCGCCCTCCTGCCAGAGTCCCTACCTGACAAAGCTCTGCTGG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6802)	ATTAAAAACCTAGCTAAAT--TTCTG----TCCTAAGCTTTA-----AAACCTAGCTAAATTAAAAAC-GCAGG							
		Section 97							
		(7201)	7201	7210	7220	7230	7240	7250	7260 7275
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6927)	CCA CACC CAAA-ATCTAGGGATGGAGAGCCTAGCACATGTCATCTCTATC-TTGAACCAT--CCT-CAGTATTC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6864)	GTT CATACA AAATTAACTAGGGTTC-ATA-CCTA--ATGTGCTTAGCTAGGGTTCTGATCATGACCTACATATATTC							
		Section 98							
		(7276)	7276	7290	7300	7310	7320	7330	7340 7350
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(6997)	TGTCACCTTGA-----CAACTATTCAGAT-CTGTC TGC CCATGTGCAACCATCAGGACCACTGATGGACAG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(6935)	TAAGAACCTACATTTTTTCAACTATATAGGATTCAAAAATAACCACTCTCTAATAACTATAACTAGGAGGAG-G							

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 99									
		(7351)	7351	7360	7370	7380	7390	7400	7410	7425	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7065)	GCACAGGTGGACAGCACGTGTTGGAGCACAC--TTGTCAACTGCCGCTGTGCTCGGCCATAGGCCTCATACTTGT									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7009)	GAAGAGGAGGA-AGGAGGGAGGAGTACCTCTCGGTGGAGGAGGCCGCTGCGGGGG-----GCGCCCTGGGGG									
		Section 100									
		(7426)	7426	7440	7450	7460	7470	7480	7490	7500	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7138)	GTGTGCAGCCGCTGCTCTCTCCCTCACACAGGATATGTATGAGTACACTGTGGCAAGCTCACACCTTCAGCGGCT									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7078)	GAGGATGGCCGATGCGAGCGGCCGGCCGGCAGGGGAGGAGGGCCGGCGCGGG--AAGCGCGGCCAAGGGGAA									
		Section 101									
		(7501)	7501	7510	7520	7530	7540	7550	7560	7575	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7213)	CACCGGGCTCTCAGTGGCTCCTTTCTATCTGCCCGGATCTCTGTCCCTTTGGCTCACCATCCTTTTCTACCGC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7151)	GAGAGGCCCGCGCGGGAGGGCGGC---CGAGTAGGACGCGGGGGCGGCGGCCTCGGATCGGGGGACGATTGAGG									
		Section 102									
		(7576)	7576	7590	7600	7610	7620	7630	7640	7650	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7288)	TCTTCCTCTGTCTTTCTTTTCCTCTGCTTTCCTTTGTTTCTGCGAGG----ATTAGCA---AGGCCTTTGAGTA									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7223)	GATTCGGTCTGTGAGTGTGAGCGACAGAGTGTGAGTAGTGTGAGAGGGGAGAGGGCGCGCGGCCGGTGC									
		Section 103									
		(7651)	7651	7660	7670	7680	7690	7700	7710	7725	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7356)	TGGGACCCAGCCTGGCCTTCTCTCAATTCTTTGCAAGCAGCTAGCTGCC-ATCACTGCTGCTAA-CTGTGATT									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7298)	AGGAAGCAGAGTTGGGCTTAGCGGCA-----GCGTGGGGTGAGGCCAGCGCTATACTAAAGCTGCAACA									
		Section 104									
		(7726)	7726	7740	7750	7760	7770	7780	7790	7800	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7429)	GTTTCCTGTGCCTCTGGGAAAGCT--GGCACTGCTGCCTGATGAATGGTAGCCTGACTCAGTGGAGAAGCTAAC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7366)	GGGGGCCAGAGCGTGGCCCATCAACGGCAGCGCTGCGCG--GAA----ATCCGCGCCTACTGC-----TAAC									
		Section 105									
		(7801)	7801	7810	7820	7830	7840	7850	7860	7875	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7502)	CTCCACAGCCCTGTGGGCAGCGGTGTGTCTCGGTGCTCCAGTGCTCCGGAAGCCAGGGTGTGTGAAGTTGCGCC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7429)	GTG----GCTTGTAGCACTGTGTGTGTC---CGGCGCTACTGCTAAATAGCAGT-AGGGTGGG-GTCTCTAACCA									

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 106							
		(7876)	7876	7890	7900	7910	7920	7930	7940 7950
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7577)	ACCCCTCTTGGCCACC TGTG GGA CTCAAAAGCAGCAGGTAGCTTGAGAACTCCCAAAGAGCCAGGAAGCTTGCTG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7496)	ACGCTACT--GCTAAATGTGTACTCTATAA---GCAATTTCCT--AGTAGT-----GTGTCCGGCCCCCTTCTCC							
		Section 107							
		(7951)	7951	7960	7970	7980	7990	8000	8010 8025
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7652)	GACTCAGTGT TGAGC CTGGG CCTATCTGC AAGAGT AGG GGTG CAGCTT TAGCA CAAAGA GGG ACCC TC AAAATG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7557)	GCCCTC CATGT CCGTT CTCTC CCCTG CCGC ATGCC AGG --- CCCCTTCTC CGC --- GCCATTATCGATCAT							
		Section 108							
		(8026)	8026	8040	8050	8060	8070	8080	8090 8100
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7727)	GCTACGTGC TGGGGC TGGA GAGATGCT CAGTGGTTAAGAG GTCCTGTGTT CAGTTGC CAACAGCCACATGGTG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7624)	TCTTCGTCT TGCCCG TGTC GTCATTGC -CTGCCCCGTCG GC GTCCTCTA--CAT----CATCATCCTCATCTTC							
		Section 109							
		(8101)	8101	8110	8120	8130	8140	8150	8160 8175
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7802)	GCTCACAA CCATCT -GTAATTGGG TCCAATGCTCTCTTCGTGTATT TGAAGACA GTGA -GAGTG TAC TCACAT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7692)	ACTTAT--CCATCTGAGTA TAGCCA TCCA TGAAA CATTTCATGAGCAGG TGCGCTTC GACACGACCA TCGTCATAG							
		Section 110							
		(8176)	8176	8190	8200	8210	8220	8230	8240 8250
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7875)	ATAT--ATATATATTTT TTTTAAATCTCAAAAAGACAAAACAAAACAAAACAAAAC AAGG-CATCCGGGCAGT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7765)	GGGTGAGCCAAACTCGTCC TTTGCA TCTTTTGACACATCATAAAACCTTTGTTAGGTTATTTTCTTTCATGTCC							
		Section 111							
		(8251)	8251	8260	8270	8280	8290	8300	8310 8325
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(7947)	GG--CGCATGCC TTTATTCC CAG--CAC TTGGGAGG CAGAGGCAAGCAGATTTTCTGAGTTCAAGGCCAGCCTGAT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7840)	GCACCGCGGGGCCACAACCA CCTGTC CACCATCTGTTCCACAGACCATCA--TGAACGCC TGCACGGTA---TAAT							
		Section 112							
		(8326)	8326	8340	8350	8360	8370	8380	8390 8400
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8018)	CTACAGAGT GAGTTCCAGGA--CAGC CAGGCTACACAGAGAAAC CCTGTCTTGAA AACC CAAAAA CAAAAA CC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7910)	AAACAAAATTATTTATAAAAATG CATG CATG -CAACGAGTCA TACAAAATTTCTGGCATGACCTTCCCTAAAAA TA							

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 113									
		(8401)	8401	8410	8420	8430	8440	8450	8460	8475	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8091)	AA ^{AA} CCCA ^{AA} AAAAAAAAAAAA ^{AA} AAAA ^{AA} AAAA ^{AA} AAAA ^{AA} AAAA ^{AA} AGGCTAGATGCAA ^{GC} TGAGGGTGTTC ^{TT} CAC ^{AA}									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(7984)	GGACA ^{TA} TAGA ^{GC} TTGCCCGG ^{AA} TTCA ^{CC} GAAA ^{CG} AAAT ^{AAA} T-CAAC ^{AT} TTTCG ^{GC} AAACA ^{TA} GTCT ^{TC} -----AA									
		Section 114									
		(8476)	8476	8490	8500	8510	8520	8530	8540	8550	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8166)	CTGGCTAGG ^{CACA} GGCG ^{TT} AGGGT ^{GA} TTCTAGG ^{TGCC} TTACC ^{CACA} GTTCTGCTCCCTAG ^{GA} CTGCAG ^{TC} CCTGC									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8053)	CTCA ^{CA} AG-CACA ^{AT} --TTG ^{GC} GTCA ^{ACT} CA---TGCC ^{AC} ACA ^{CACA} TTTCCAT ^{CAT} ATC ^{GC} CG-ATT ^{AT} GTG ^C									
		Section 115									
		(8551)	8551	8560	8570	8580	8590	8600	8610	8625	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8241)	ACG ^{TC} TGCC ^{CC} CAG ^{AT} TTACAG ^{GC} TGGG ^{AC} TCTCTTTGGTCC ^{TC} CCCAG ^{TAT} GTCTAT ^{TACC} CCAG ^{GC} TCAG ^{TC}									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8121)	ATAT ^{TC} -GCA ^{CA} CA ^{TAT} ACACA ^{TAT} TTCCAT ^{TCT} TGCAAAAG ^{CA} TAAATTT ^{TT} TAA ^{TC} ACC ^{TAT} CTAG ^{AG} ATCG ^{AG} C									
		Section 116									
		(8626)	8626	8640	8650	8660	8670	8680	8690	8700	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8316)	ACA ^{AT} AT ^{TC} CCCA ^{TG} CTAGC ^{GG} GAC ^{AT} TTT ^{TG} GACC ^{AC} TGA ^{AT} GGATGTA ^{TT} CA ^{AA} AC ^{CT} CACC ^{TC} CTGT ^{CC} CT									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8195)	ACA ^{CG} GTGAGT ^{TG} ATGAT ^{GT} ---AG ^{TT} AGGA ^{AG} ACGA ^{AA} AG-----TGG ^{AC} AAA ^G CTC ^T ----TCT ^{TG} AC ^{AA} GG									
		Section 117									
		(8701)	8701	8710	8720	8730	8740	8750	8760	8775	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8391)	-TCC ^{AT} CT ^{TC} TCA ^{TG} TCAG ^{CC} CTGT ^{TG} CTCTTCCCT-----GG ^{TAG} TGTG ^{AC} AC ^{AG} GA ^{CT} GTCTGT ^{GG} CTT									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8257)	CTAG ^{AT} CTAG ^{TT} AGGG ^{TA} CATAG ^{GT} --CACTTCACT ^{AA} ATG ^{TA} CATCT ^{AC} CTAG ^{CT} AGTT ^{TG} GAGG ^{AG} A									
		Section 118									
		(8776)	8776	8790	8800	8810	8820	8830	8840	8850	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8460)	CCCC ^{TT} ACAT ^{GT} TCGCTACAG--GG ^{TAC} AGT ^{GT} ATAG ^{CT} TCC ^{CA} GGGCCA ^{GT} GA ^{CT} TGCTGT ^{CAC} AGTT ^{GT} ---AA									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8330)	CAAGT ^{TC} CA ^{AT} AGTGGAGGGG ^{GAA} GG ^{AA} AGAG ^{AA} AGGAGATT ^{CA} TTAATG ^G -GAGG ^{TG} TGT---AGTT ^{AG} CTA									
		Section 119									
		(8851)	8851	8860	8870	8880	8890	8900	8910	8925	
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8531)	GTTT ^{TC} ATA ^{TT} GTG-GATT ^{GG} GTGAG ^{CC} CAC ^{AA} AGGTT ^{TC} ATGAG ^{CC} -GAGTGT ^{GAT} AGG ^{TC} TTTC ^{CT} TACCA ^{CC} A									
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8401)	GGAG ^{TA} ATA ^{AG} AGAG ^{GA} GAAAG ^{GT} AGGTAGA ^{AG} AGGAGTA ^{AT} GGGGA ^{GA} AGTA ^{GT} GAGG ^{AA} GAAG ^{CA} AGTGA									

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 120							
		(8926)	8926	8940	8950	8960	8970	8980	8990 9000
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8604)	GGCAGAG-----GCCCTAGGTC A---CCAGCTTCCACTTCCTGACCATCACTAGGAGAAAGTGCCC TGGG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8476)	GGGAGAGAGGAGGTGGGAGCTAGGAGAAAGTGAGGAAGAGAGGATGGGGAGGGGGAGGGGAAAGTG GTATATG							
		Section 121							
		(9001)	9001	9010	9020	9030	9040	9050	9060 9075
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8667)	TAGGTCCTCCCCTGAGTGACAC TGGAGTCTCTCTGCAGCTTCATTTTGCAGATGAGGA AACTGAGGCACCTTAC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8551)	TTGCGGCTTAGCAATAGCGCTGG TGGTAAACCGC-GCTACTGC--TATGCTAATAAGATAACAGCAGGGGCTTC							
		Section 122							
		(9076)	9076	9090	9100	9110	9120	9130	9140 9150
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8742)	CCTTCCTAGCAACTG GCCTTCCATGAGTAAGGGG-TGTGAGAAATTATCTTCC TT--CAGCATCTCTGTCTCCCTGC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8623)	TAGAACACGCG-CTGCTGCTAAGCGAGGCCGCCATGTGGCCAGTTTCAAAA TTAGCAGTAGCGTCA CCCC AAA							
		Section 123							
		(9151)	9151	9160	9170	9180	9190	9200	9210 9225
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8814)	CTCATGGCCACTGCACATCATGCCCC TGGCCCCAGTAGGCAGGATGCCAC CAGGCCCTGC-ACAC---GGCTGCGGA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8697)	AAACGCGCTACTACTATTACTTTAT TAGTAGAGCGGTTAGCTAGAG-CGTGCTACTGCTAAACCTAGGGTGCGCG							
		Section 124							
		(9226)	9226	9240	9250	9260	9270	9280	9290 9300
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8885)	GGATCTTTAATA-ACTCGAGT-GCTGTGCATGATGAATGAGGCCCGTGGT TGTGTACATAAATGAAGGCC TAATGT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8771)	GAATGGTCAATCGACTTTAGTAGCAGCGTCTTTCTACC GAGCCGCGCTACTGCTAAGTATAGT--AGCAGTAGCGC							
		Section 125							
		(9301)	9301	9310	9320	9330	9340	9350	9360 9375
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(8958)	TTTCAAA TCCCAATTTAAGGAGCTGATCTCA CCCC GTAAATGAATGT CAGATCA CATCACAGT GATGTCGTCCATC							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8844)	CTGTCTGTGTCCGCGCACTAGCGCC TCTTGTCT--GTCCC GCGCAGCTGCTAA-----GATTTTGTGTATTA							
		Section 126							
		(9376)	9376	9390	9400	9410	9420	9430	9440 9450
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9033)	CATCTTCTCCC GGGCGCC CACCCTCTCGGCACCTCCAGGAT----GCA GCTC GGGAGG GTGGGCTGTG-TG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8908)	AGGT TTTCTTAGTAGTGCC TCATCGCATAGGCCCATAGAGAAATTTAA GCA CA CTCAT-AGCGTAAGTACAGATC							

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 127																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		(9451)	9451	9460	9470	9480	9490	9500	9510	9525																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9103)	T	CCT	T--CC	CTGG	CCCT	--GT	ACAG	GTCTT	TGTTG	AG	CAGACAT	CG	AAGGA	---	GGG	CT	GTCT	GG	AAAT	GAA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Triticum aestivum cultivar Chinese Spring chromosome 6...	(8982)	G	CCT	AAG	CC	ACC	GA	CATT	TAC	GAA	AGT	GTCTT	T	TGTTG	CC	CAGACAT	AT	ATTT	A	TCT	GAC	CAGTCA	GAG	C	ATTTT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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		(9526)	9526	9540	9550	9560	9570	9580	9590	9600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9171)	G	GGC	CAG	AAG	T	TGGC	T	GTT	T	G	GGTT	CT	AA	CCGGG	CAA	CAT	TCAGTA	TC	TCT	TG	TT	CA	CAAG	TT	CTA	T	CA	--	GAA	AG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9057)	T	CAG	CA	-	ATC	T	CTCT	T	TAG	T	C	GGTT	GAA	ATTTT	CAA	TTT	T	----	TC	AT	T	CT	C	T	CT	AG	GA	CTAG	C	AAAT	GAA	GG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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		(9601)	9601	9610	9620	9630	9640	9650	9660	9675																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9244)	-----	AGG	AA	G	AGA	GT	GTG	GGG	CAA	GC--	CAGAA	AG	AGA	-----	AAGG	TC	C	AGGAC	TC	AG	TGGA	TGG	T	CTT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9126)	T	A	CTT	C	TAA	T	C	AA	A	AGA	AG	GTG	ATT	CAA	CATT	CAGAA	T	AGA	T	G	C	T	G	C	A	CTT	TC	A	C	CAT	C	T	C	T	T	GG	A	G	C	A	T	T																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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		(9676)	9676	9690	9700	9710	9720	9730	9740	9750																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9303)	A	G	C	CCT	C	G	T	G-----	G	AGG	GG	GGA	GTCC	AAAG	G	T	CAG	CAGT	-----	TC	AGG	AA	T	CTG	C	CTC	A	AGCG	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9201)	T	G	A	C	CTA	G	T	A	T	G	A	A	C	A	T	G	T	G	G	C	G	A	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A	T	G	C	A

Mus musculus chromosome 19 vs. Triticum aestivum chromosome 6D

		Section 134							
		(9976)	9976	9990	10000	10010	10020	10030	10040 10050
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9559)	GAGA----GTCCTGCCCCTTGCCCCGCCCCACCC--AGCCTGTG-GTCCTAGAACAGTGCCGCAGTGCT-CAG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9494)	CAAAATCTTTTCAAATAGTTTTCGTTGAACCGAACCGAAAGCAGACCGTGTTCACACA-TGCCATAAACCTACCG							
		Section 135							
		(10051)	10051	10060	10070	10080	10090	10100	10110 10125
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9626)	GTCTCTGCCCTTG----GCTGTGAGTGTGACAGCGTGAATAGACAAAGGAGCAGCCCTCTTCCCAAGCCCAACACCAA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9568)	ATCCACTTACATGCACAAAGCTGATTTTTCATTGCTTCTTCTCAAAATGCAAA--TCTACTCAGTCACATGACTT							
		Section 136							
		(10126)	10126	10140	10150	10160	10170	10180	10190 10200
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9697)	GCAACCAAGGGCTTCTCTGACAGCCAGGAAACAGGTACAGAGACTGCACTT-TGGAGACAGAGGTGAAGAGGCCAG							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9641)	G--ATAAGGTCATGCTTAGAGCACAAACCTTCCCTGAATTATTCGACCTTACTGCAGAGCATGAATACATTCC							
		Section 137							
		(10201)	10201	10210	10220	10230	10240	10250	10260 10275
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9771)	AAAGGGGAACCTTGTCCTTGGCAAGCTCTTGCCTGTGTCCCCAAGGCCAGGTGGGCTGTCACTCTACAAACTGGAT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9714)	AAAGTGATAATTGCATTATCAGTAATCATCAGCGCAGAATGAAGGCCACTTGTGTGGGGA---AAGAAAGGAATT							
		Section 138							
		(10276)	10276	10290	10300	10310	10320	10330	10340 10350
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9846)	CCCTATTCCAGGATGGGCAGGGCAGAGGTGGGAGCTACCCAGAAATCCTCTCTTGCTCATGGCTGTGCTCTCTGTA							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9786)	ATAAAACCAAGGCTACCTAGGTATATGTGGGAGTACTAA-AATATACTGCTATGTAGGTATATGTCGCA-TGA							
		Section 139							
		(10351)	10351	10360	10370	10380	10390	10400	10410 10425
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9921)	ACCT-----TTGC--CTCCACTTCTTGTGAGACAGGGCT-AGCAGTAGAGA-----CCTTGGCTTCTGCTCCTACT							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9859)	ACATCCAGGTTGTAAATATATTTTATGTATTCAAGTGCATTATCAGTAATCATCCGCCCGGAAATAAAGC-ACT							
		Section 140							
		(10426)	10426	10440	10450	10460	10470	10480	10494
Mus musculus strain C57BL/6J chromosome 19 NC 000...	(9984)	TCCAGCTGTGAGATCTTG-----							
Triticum aestivum cultivar Chinese Spring chromosome 6...	(9933)	TTGCGTTGGGGAAGAAGAAATTATAACTACAAAGTCTATATAGGTATATGTGATGTAGGTATATGTCA							