

Supplementary File 6

#agp file for ZAL2 and ZAL2m assemblies

#last column indicates orthologous start-stop position on TGU2 (chr2 taeGut1), breakpoints indicated by bp location in assembly

#ZAL2

gb	DP001173	gnl	NISC-CON	sparrow_T213_21	1086	1	D	AC235706.2	160239	161324	-	109.4 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_21087	1186	2	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21187	19433	3	D	AC235706.2	141892	160138	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_219434	19533	4	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_219534	71078	5	D	AC235706.2	90247	141791	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_271079	71178	6	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_271179	111162	7	D	AC235706.2	50163	90146	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2111163	111262	8	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2111263	113420	9	D	AC235706.2	47905	50062	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2113421	113520	10	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2113521	149520	11	D	AC235706.2	11805	47804	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2149521	149620	12	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2149621	161324	13	D	AC235706.2	1	11704	-	109.3 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_2161325	211324	14	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_2211325	333969	15	D	AC235520.2	38004	160648	-	109.2 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_2333970	333993	16	D	AC235939.2	135765	135788	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2333994	334093	17	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2334094	394781	18	D	AC235939.2	74977	135664	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2394782	394881	19	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2394882	469757	20	D	AC235939.2	1	74876	-	108.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_2469758	519757	21	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_2519758	621777	22	D	AC236859.2	49427	151446	-	108.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_2621778	621877	23	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2621878	671203	24	D	AC236859.2	1	49326	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2671204	707118	25	D	AC235937.2	103639	139553	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2707119	707218	26	N	100	fragment		yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2707219	810756	27	D	AC235937.2	1	103538	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2810757	934140	28	D	AC236466.2	29888	153271	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_2934141	1039314	29	D	AC236053.2	33591	138764	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21039315		1039414	30	N	100	fragment		yes
gb	DP001173	gnl	NISC-CON	sparrow_T213_21039415		1043229	31	D	AC236053.2	29676	33490	-
gb	DP001173	gnl	NISC-CON	sparrow_T213_21043230		1043329	32	N	100	fragment		yes
gb	DP001173	gnl	NISC-CON	sparrow_T213_21043330		1072904	33	D	AC236053.2	1	29575	-
gb	DP001173	gnl	NISC-CON	sparrow_T213_21072905		1076028	34	D	AC237009.3	121689	124812	-
gb	DP001173	gnl	NISC-CON	sparrow_T213_21076029		1247552	35	N	100	fragment		yes
gb	DP001173	gnl	NISC-CON	sparrow_T213_21076129		1178823	36	D	AC237009.3	18894	121588	-
gb	DP001173	gnl	NISC-CON	sparrow_T213_21178824		1193623	37	D	AC237009.3	3181	17980	-
Mb												108.3 Mb, 1188576^1188577, 70.3
gb	DP001173	gnl	NISC-CON	sparrow_T213_21193624		1193723	38	N	100	fragment		yes
gb	DP001173	gnl	NISC-CON	sparrow_T213_21193724		1196803	39	D	AC237009.3	1	3080	-
gb	DP001173	gnl	NISC-CON	sparrow_T213_21196804		1246803	40	N	50000	clone	yes	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21246804		1247452	41	D	AC239425.2	1	649	+
gb	DP001173	gnl	NISC-CON	sparrow_T213_21247453		1247552	42	N	100	fragment		yes
gb	DP001173	gnl	NISC-CON	sparrow_T213_21247553		1250670	43	D	AC239425.2	750	3867	+
gb	DP001173	gnl	NISC-CON	sparrow_T213_21250671		1250770	44	N	100	fragment		yes
gb	DP001173	gnl	NISC-CON	sparrow_T213_21250771		1280924	45	D	AC239425.2	3968	34121	+

gb	DP001173	gnl	NISC-CON	sparrow_T213_21280925	1281024	46	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21281025	1314705	47	D	AC239425.2	34222	67902	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21314706	1314805	48	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21314806	1322658	49	D	AC239425.2	68003	75855	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21322659	1322758	50	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21322759	1332090	51	D	AC239425.2	75956	85287	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21332091	1332190	52	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21332191	1371164	53	D	AC239425.2	85388	124361	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21371165	1371264	54	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21371265	1393860	55	D	AC239425.2	124462	147057	+	70.4 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_21393861	1443860	56	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21443861	1542799	57	D	AC236558.2	1	98939	+	70.4 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_21542800	1542899	58	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21542900	1546117	59	D	AC236558.2	99040	102257	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21546118	1546217	60	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21546218	1576516	61	D	AC236558.2	102358	132656	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21576517	1670282	62	D	AC236467.2	1	93766	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21670283	1670382	63	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21670383	1706662	64	D	AC236467.2	93867	130146	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21706663	1706762	65	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21706763	1728746	66	D	AC236467.2	130247	152230	+	70.7 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_21728747	1778746	67	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21778747	1779222	68	D	AC236090.2	1	476	+	70.8 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_21779223	1779322	69	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21779323	1831792	70	D	AC236090.2	577	53046	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21831793	1831892	71	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21831893	1875053	72	D	AC236090.2	53147	96307	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21875054	1875153	73	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21875154	1924714	74	D	AC236090.2	96408	145968	+	70.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_21924715	1974714	75	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21974715	1979797	76	D	AC235778.2	1	5083	+	71.0 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_21979798	1979897	77	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21979898	1991219	78	D	AC235778.2	5184	16505	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_21991220	1991319	79	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_21991320	2043082	80	D	AC235778.2	16606	68368	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22043083	2043182	81	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22043183	2046405	82	D	AC235778.2	68469	71691	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22046406	2046505	83	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22046506	2061370	84	D	AC235778.2	71792	86656	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22061371	2061470	85	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22061471	2076986	86	D	AC235778.2	86757	102272	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22076987	2077086	87	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22077087	2087714	88	D	AC235778.2	102373	113000	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22087715	2113739	89	D	AC235718.2	1	26025	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22113740	2113839	90	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22113840	2116770	91	D	AC235718.2	26126	29056	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22116771	2116870	92	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22116871	2160212	93	D	AC235718.2	29157	72498	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22160213	2160312	94	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22160313	2162582	95	D	AC235718.2	72599	74868	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22162583	2162682	96	N	100	fragment	yes		

gb	DP001173	gnl	NISC-CON	sparrow_T213_22162683	2170064	97	D	AC235718.2	74969	82350	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22170065	2170164	98	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22170165	2217667	99	D	AC235718.2	82451	129953	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22217668	2217767	100	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22217768	2239758	101	D	AC235718.2	130054	152044	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22239759	2239858	102	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22239859	2251238	103	D	AC235718.2	152145	163524	+	71.1 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_22251239	2301238	104	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22301239	2308200	105	D	AC235712.2	1	6962	+	71.3
gb	DP001173	gnl	NISC-CON	sparrow_T213_22308201	2308300	106	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22308301	2314858	107	D	AC235712.2	7063	13620	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22314859	2314958	108	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22314959	2328298	109	D	AC235712.2	13721	27060	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22328299	2328398	110	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22328399	2336392	111	D	AC235712.2	27161	35154	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22336393	2336492	112	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22336493	2338536	113	D	AC235712.2	35255	37298	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22338537	2338636	114	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22338637	2340931	115	D	AC235712.2	37399	39693	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22340932	2341031	116	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22341032	2409303	117	D	AC235712.2	39794	108065	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22409304	2409403	118	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22409404	2447677	119	D	AC235712.2	108166	146439	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22447678	2486159	120	D	AC235713.2	1	38482	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22486160	2486259	121	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22486260	2517923	122	D	AC235713.2	38583	70246	+	71.5 Mb, 2476162..2492982,24.1
Mb												
gb	DP001173	gnl	NISC-CON	sparrow_T213_22517924	2639152	123	D	AC235935.2	1	121229	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22639153	2639252	124	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22639253	2649137	125	D	AC235935.2	121330	131214	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22649138	2755485	126	D	AC236050.2	1	106348	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22755486	2876069	127	D	AC236552.2	8822	129405	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_22876070	2876169	128	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22876170	2901652	129	D	AC236552.2	129506	154988	+	24.5 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_22901653	2951652	130	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_22951653	3056487	131	D	AC235941.2	1	104835	+	27.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_23056488	3056587	132	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23056588	3096589	133	D	AC235941.2	104936	144937	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23096590	3109486	134	D	AC237120.2	12112	25008	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23109487	3109586	135	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23109587	3182045	136	D	AC237120.2	25109	97567	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23182046	3292912	137	D	AC236251.2	1445	112311	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23292913	3293012	138	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23293013	3320217	139	D	AC236251.2	112412	149616	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23330218	3330317	140	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23330318	3338798	141	D	AC236251.2	149717	158197	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23338799	3338898	142	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23338899	3340030	143	D	AC236251.2	158298	159429	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23340031	3343831	144	D	AC236857.2	1	3801	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23343832	3343931	145	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23343932	3359028	146	D	AC236857.2	3902	18998	+	

gb	DP001173	gnl	NISC-CON	sparrow_T213_23359029	3359128	147	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23359129	3380565	148	D	AC236857.2	19099	40535	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23380566	3435991	149	D	AC235775.2	1	55426	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23435992	3436091	150	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23436092	3436271	151	D	AC236857.2	95855	96034	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23436272	3458584	152	D	AC235775.2	55527	77839	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23458585	3458684	153	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23458685	3540730	154	D	AC235775.2	77940	159985	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23540731	3540830	155	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23540831	3544863	156	D	AC235775.2	160086	164118	+	28.5 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_23544864	3594863	157	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23594864	3604048	158	D	AC235519.2	146127	155311	-	21.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_23604049	3604148	159	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23604149	3639864	160	D	AC235519.2	110311	146026	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23639865	3639964	161	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23639965	3666346	162	D	AC235519.2	83829	110210	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23666347	3666446	163	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23666447	3668850	164	D	AC235519.2	81325	83728	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23668851	3668950	165	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23668951	3696443	166	D	AC235519.2	53732	81224	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23696444	3696543	167	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23696544	3699175	168	D	AC235519.2	51000	53631	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23699176	3699275	169	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23699276	3750174	170	D	AC235519.2	1	50899	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23750175	3768904	171	D	AC235930.2	111680	130409	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23768905	3769004	172	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23769005	3842617	173	D	AC235930.2	37967	111579	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23842618	3842717	174	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23842718	3861171	175	D	AC235930.2	19413	37866	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_23861172	3861271	176	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23861272	3880583	177	D	AC235930.2	1	19312	-	21.6 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_23880584	3930583	178	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23930584	3966369	179	D	AC235524.2	1	35786	+	33.7 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_23966370	3966469	180	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_23966470	4007726	181	D	AC235524.2	35887	77143	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24007727	4007826	182	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24007827	4043753	183	D	AC235524.2	77244	113170	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24043754	4043853	184	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24043854	4070294	185	D	AC235524.2	113271	139711	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24070295	4070394	186	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24070395	4075224	187	D	AC235524.2	139812	144641	+	33.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_24075225	4125224	188	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24125225	4152995	189	D	AC235926.2	1	27771	+	39.6 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_24152996	4153095	190	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24153096	4207169	191	D	AC235926.2	27872	81945	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24207170	4207269	192	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24207270	4243871	193	D	AC235926.2	82046	118647	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24243872	4243971	194	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24243972	4274914	195	D	AC235926.2	118748	149690	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24274915	4306148	196	D	AC235590.2	1	31234	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24306149	4306248	197	N	100	fragment	yes		

gb	DP001173	gnl	NISC-CON	sparrow_T213_24306249	4371156	198	D	AC235590.2	31335	96242	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24371157	4371256	199	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24371257	4417750	200	D	AC235590.2	96343	142836	+	39.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_24417751	4467750	201	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24467751	4507725	202	D	AC235592.2	1	39975	+	55.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_24507726	4507825	203	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24507826	4610646	204	D	AC235592.2	40076	142896	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24610647	4685405	205	D	AC236257.3	1	74759	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24685406	4685505	206	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24685506	4722668	207	D	AC236257.3	74860	112022	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24722669	4722768	208	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24722769	4727614	209	D	AC236257.3	112123	116968	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24727615	4759682	210	D	AC236808.2	1	32068	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24759683	4759782	211	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24759783	4794532	212	D	AC236808.2	32169	66918	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24794533	4794632	213	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24794633	4890302	214	D	AC236808.2	67019	162688	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24890303	4898062	215	D	AC235716.2	17373	25132	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24898063	4898162	216	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24898163	4965469	217	D	AC235716.2	25233	92539	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24965470	4965569	218	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24965570	4975993	219	D	AC235716.2	92640	103063	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24975994	4976093	220	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24976094	4979179	221	D	AC235716.2	103164	106249	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_24979180	4979279	222	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_24979280	5017002	223	D	AC235716.2	106350	144072	+	56.4 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_25017003	5067002	224	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25067003	5163741	225	D	AC235714.2	1	96739	+	65.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_25163742	5163841	226	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25163842	5223237	227	D	AC235714.2	96840	156235	+	66.1 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_25223238	5273237	228	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25273238	5356412	229	D	AC237121.2	1	83175	+	69.6 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_25356413	5356512	230	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25356513	5422939	231	D	AC237121.2	83276	149702	+	69.8 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_25422940	5472939	232	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25472940	5477543	233	D	AC235591.3	1	4604	+	69.8 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_25477544	5477643	234	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25477644	5515211	235	D	AC235591.3	4705	42272	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25515212	5515311	236	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25515312	5552337	237	D	AC235591.3	42373	79398	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25552338	5552437	238	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25552438	5629979	239	D	AC235591.3	79499	157040	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25629980	5646899	240	D	AC236559.2	1	16920	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25646900	5646999	241	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25647000	5659085	242	D	AC236559.2	17021	29106	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25659086	5659185	243	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25659186	5721878	244	D	AC236559.2	29207	91899	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25721879	5721978	245	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25721979	5772032	246	D	AC236559.2	92000	142053	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25772033	5772132	247	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25772133	5772230	248	D	AC236559.2	142154	142251	+	

gb	DP001173	gnl	NISC-CON	sparrow_T213_25772231	5793908	249	D	AC237271.2	43151	64828	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25793909	5794008	250	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25794009	5808534	251	D	AC237271.2	64929	79454	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25808535	5808634	252	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25808635	5830960	253	D	AC237271.2	79555	101880	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25830961	5831060	254	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25831061	5879852	255	D	AC237271.2	101981	150772	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25879853	5894781	256	D	AC237063.2	1	14929	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25894782	5894881	257	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25894882	5947458	258	D	AC237063.2	15030	67606	+	
gb	DP001173	gnl	NISC-CON	sparrow_T213_25947459	5947558	259	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_25947559	6041638	260	D	AC237063.2	67707	161786	+	70.3 Mb, 5973007^5973008, 108.3
Mb												
gb	DP001173	gnl	NISC-CON	sparrow_T213_26041639	6091638	261	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26091639	6115753	262	D	AC239424.2	131435	155549	-	108.3 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_26115754	6115853	263	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26115854	6127079	264	D	AC239424.2	120109	131334	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26127080	6127179	265	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26127180	6149512	266	D	AC239424.2	97676	120008	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26149513	6149612	267	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26149613	6162478	268	D	AC239424.2	84710	97575	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26162479	6162578	269	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26162579	6247187	270	D	AC239424.2	1	84609	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26247188	6258584	271	D	AC235997.2	121268	132664	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26258585	6258684	272	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26258685	6264744	273	D	AC235997.2	115108	121167	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26264745	6264844	274	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26264845	6275514	275	D	AC235997.2	104338	115007	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26275515	6275614	276	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26275615	6278112	277	D	AC235997.2	101740	104237	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26278113	6278212	278	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26278213	6310106	279	D	AC235997.2	69746	101639	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26310107	6310206	280	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26310207	6322323	281	D	AC235997.2	57529	69645	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26322324	6322423	282	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26322424	6332925	283	D	AC235997.2	46927	57428	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26332926	6333025	284	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26333026	6379851	285	D	AC235997.2	1	46826	-	108.0 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_26379852	6429851	286	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26429852	6458633	287	D	AC235522.2	135135	163916	-	107.3 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_26458634	6458733	288	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26458734	6469993	289	D	AC235522.2	123775	135034	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26469994	6470093	290	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26470094	6518052	291	D	AC235522.2	75716	123674	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26518053	6518152	292	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26518153	6536910	293	D	AC235522.2	56858	75615	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26536911	6537010	294	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26537011	6561021	295	D	AC235522.2	32747	56757	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26561022	6662174	296	D	AC235995.2	46652	147804	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26662175	6662274	297	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26662275	6708825	298	D	AC235995.2	1	46551	-	107.0 Mb

gb	DP001173	gnl	NISC-CON	sparrow_T213_26708826	6758825	299	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26758826	6852175	300	D	AC235521.2	50012	143361	-	99.8 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_26852176	6852275	301	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26852276	6877589	302	D	AC235521.2	24598	49911	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26877590	6877689	303	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26877690	6902186	304	D	AC235521.2	1	24497	-	99.6 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_26902187	6952186	305	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26952187	6971235	306	D	AC236603.2	129226	148274	-	99.6 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_26971236	6971335	307	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26971336	6981671	308	D	AC236603.2	118790	129125	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_26981672	6981771	309	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_26981772	7036783	310	D	AC236603.2	63678	118689	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27036784	7036883	311	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27036884	7084792	312	D	AC236603.2	15669	63577	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27084793	7084892	313	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27084893	7100460	314	D	AC236603.2	1	15568	-	99.4 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_27100461	7150460	315	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27150461	7207589	316	D	AC239423.2	93840	150968	-	99.4 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_27207590	7207689	317	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27207690	7209999	318	D	AC239423.2	91430	93739	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27210000	7210099	319	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27210100	7212665	320	D	AC239423.2	88764	91329	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27212666	7212765	321	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27212766	7238133	322	D	AC239423.2	63296	88663	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27238134	7238233	323	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27238234	7301428	324	D	AC239423.2	1	63195	-	99.2 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_27301429	7351428	325	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27351429	7468883	326	D	AC235927.2	37737	155191	-	99.2 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_27468884	7468983	327	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27468984	7501237	328	D	AC235927.2	5383	37636	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27501238	7501312	329	D	AC236956.2	92400	92474	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27501313	7501412	330	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27501413	7506694	331	D	AC235927.2	1	5282	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27506695	7510941	332	D	AC236956.2	84650	88896	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27510942	7511041	333	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27511042	7513115	334	D	AC236956.2	82476	84549	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27513116	7513215	335	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27513216	7524649	336	D	AC236956.2	70942	82375	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27524650	7524749	337	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27524750	7570873	338	D	AC236956.2	24718	70841	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27570874	7571280	339	D	AC236049.2	119810	120216	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27571281	7574482	340	D	AC236956.2	21125	24326	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27574483	7574582	341	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27574583	7589596	342	D	AC236956.2	6011	21024	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27589597	7633245	343	D	AC236049.2	58723	102371	-	
gb	DP001173	gnl	NISC-CON	sparrow_T213_27633246	7633345	344	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27633346	7691967	345	D	AC236049.2	1	58622	-	98.9 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_27691968	7741967	346	N	50000	clone	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27741968	7862531	347	D	AC235586.2	41490	162053	-	90.1 Mb
gb	DP001173	gnl	NISC-CON	sparrow_T213_27862532	7862631	348	N	100	fragment	yes		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27862632	7904020	349	D	AC235586.2	1	41389	-	

gb	DP001173	gnl	NISC-CON	sparrow_T213_27904021	7927974	350	D	AC235925.2	106163	130116	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_27927975	7928074	351	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_27928075	8034136	352	D	AC235925.2	1	106062	-	90.0 Mb	
gb	DP001173	gnl	NISC-CON	sparrow_T213_28034137	8084136	353	N	50000	clone	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28084137	8085580	354	D	AC236255.2	159485	160928	-	79.0 Mb	
gb	DP001173	gnl	NISC-CON	sparrow_T213_28085581	8085680	355	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28085681	8107013	356	D	AC236255.2	138052	159384	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28107014	8107113	357	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28107114	8140787	358	D	AC236255.2	104278	137951	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28140788	8140887	359	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28140888	8157473	360	D	AC236255.2	87592	104177	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28157474	8157573	361	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28157574	8167988	362	D	AC236255.2	77077	87491	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28167989	8168088	363	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28168089	8199607	364	D	AC236255.2	45458	76976	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28199608	8205207	365	D	AC236602.2	128284	133883	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28205208	8205307	366	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28205308	8254919	367	D	AC236602.2	78572	128183	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28254920	8255019	368	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28255020	8255403	369	D	AC236602.2	58088	78471	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28275404	8275503	370	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28275504	8333490	371	D	AC236602.2	1	57987	-	78.8 Mb	
gb	DP001173	gnl	NISC-CON	sparrow_T213_28333491	8383490	372	N	50000	clone	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28383491	8499051	373	D	AC236256.2	46137	161697	-	71.7 Mb	
gb	DP001173	gnl	NISC-CON	sparrow_T213_28499052	8499151	374	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28499152	8506479	375	D	AC236256.2	38709	46036	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28506480	8506579	376	N	100	fragment	yes			
gb	DP001173	gnl	NISC-CON	sparrow_T213_28506580	8539889	377	D	AC236256.2	5299	38608	-		
gb	DP001173	gnl	NISC-CON	sparrow_T213_28539890	8693037	378	D	AC236561.2	1	153148	-	71.5 Mb	
#ZAL2m													
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1	148400	1	D	AC235587.2	1	148400	-	109.4 Mb, 109.3 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	148401	198400	2	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	198401	211103	3	D	AC236554.2	137131	149833	-	109.2 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	211104	211203	4	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	211204	310265	5	D	AC236554.2	37969	137030	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	310266	310365	6	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	310366	348233	7	D	AC236554.2	1	37868	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	348234	446201	8	D	AC235593.2	1	97968	-	108.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	446202	496201	9	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	496202	657474	10	D	AC235940.2	1	161273	-	108.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	657475	693440	11	D	AC236807.2	104028	139993	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	693441	693540	12	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	693541	797467	13	D	AC236807.2	1	103927	-	108.6 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	797468	847467	14	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	847468	871181	15	D	AC235944.2	137243	160956	-	108.5 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	871182	871281	16	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	871282	878871	17	D	AC235944.2	129553	137142	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	878872	878971	18	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	878972	962374	19	D	AC235944.2	46050	129452	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	962375	969518	20	D	AC236563.4	150984	158127	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	969519	969618	21	N	100	fragment	yes		

gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	969619	1002064	22	D	AC235944.2	9894	42339	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1002065	1002164	23	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1002165	1011957	24	D	AC235944.2	1		9793	-
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1011958	1045429	25	D	AC236563.4	77783		111254	-
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1045430	1045529	26	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1045530	1120018	27	D	AC236563.4	3194		77682	-
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1120019	1120118	28	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1120119	1123211	29	D	AC236563.4	1		3093	-
1114540^1114541,				70.3 Mb									108.3 Mb,
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1123212	1146396	30	D	AC236052.3	7		23191	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1146397	1146496	31	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1146497	1148681	32	D	AC236052.3	23292		25476	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1148682	1148781	33	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1148782	1157072	34	D	AC236052.3	25577		33867	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1157073	1157172	35	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1157173	1159215	36	D	AC236052.3	33968		36010	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1159216	1159315	37	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1159316	1175691	38	D	AC236052.3	36111		52486	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1175692	1175791	39	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1175792	1190055	40	D	AC236052.3	52587		66850	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1190056	1190155	41	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1190156	1196869	42	D	AC236052.3	66951		73664	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1196870	1196969	43	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1196970	1199617	44	D	AC236052.3	73765		76412	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1199618	1199717	45	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1199718	1206090	46	D	AC236052.3	76513		82885	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1206091	1206190	47	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1206191	1208253	48	D	AC236052.3	82986		85048	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1208254	1208353	49	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1208354	1242904	50	D	AC236052.3	85149		119699	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1242905	1243004	51	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1243005	1266989	52	D	AC236052.3	119800		143784	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1266990	1316989	53	N	50000	clone	yes		70.4 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1316990	1363498	54	D	AC236553.3	1		46509	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1363499	1363598	55	N	100	fragment		yes	70.4 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1363599	1411304	56	D	AC236553.3	46610		94315	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1411305	1411404	57	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1411405	1413890	58	D	AC236553.3	94416		96901	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1413891	1413990	59	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1413991	1434735	60	D	AC236553.3	97002		117746	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1434736	1434835	61	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1434836	1459536	62	D	AC236553.3	117847		142547	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1459537	1549773	63	D	AC235936.2	1		90237	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1549774	1549873	64	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1549874	1581029	65	D	AC235936.2	90338		121493	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1581030	1581129	66	N	100	fragment		yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1581130	1598105	67	D	AC235936.2	121594		138569	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1598106	1648105	68	N	50000	clone	yes		70.7 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1648106	1661779	69	D	AC236861.2	1		13674	+
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1661780	1661879	70	N	100	fragment		yes	70.7 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1661880	1677459	71	D	AC236861.2	13775		29354	+

gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1677460	1677559	72	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1677560	1704768	73	D	AC236861.2	29455	56663	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1704769	1704868	74	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1704869	1749969	75	D	AC236861.2	56764	101864	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1749970	1750069	76	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1750070	1771444	77	D	AC236861.2	101965	123339	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1771445	1771544	78	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1771545	1821092	79	D	AC236861.2	123440	172987	+	70.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1821093	1871092	80	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1871093	1889752	81	D	AC236250.2	1	18660	+	71.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1889753	1889852	82	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1889853	1904238	83	D	AC236250.2	18761	33146	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1904239	1904338	84	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1904339	1955010	85	D	AC236250.2	33247	83918	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1955011	1955110	86	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1955111	1975693	87	D	AC236250.2	84019	104601	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1975694	1975793	88	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	1975794	2002121	89	D	AC236250.2	104702	131029	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2002122	2027780	90	D	AC236601.2	1	25659	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2027781	2027880	91	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2027881	2031806	92	D	AC236601.2	25760	29685	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2031807	2031906	93	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2031907	2137892	94	D	AC236601.2	29786	135771	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2137893	2137992	95	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2137993	2164353	96	D	AC236601.2	135872	162232	+	71.3 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2164354	2214353	97	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2214354	2273352	98	D	AC235938.2	1	58999	+	71.4 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2273353	2321417	99	D	AC237010.2	1	48065	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2321418	2321517	100	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2321518	2321585	101	D	AC235938.2	107140	107207	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2321586	2431666	102	D	AC237010.2	48166	158246	+	71.7 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2431667	2481666	103	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2481667	2503151	104	D	AC235711.2	1	21485	+	78.8 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2503152	2503251	105	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2503252	2516532	106	D	AC235711.2	21586	34866	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2516533	2516632	107	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2516633	2544592	108	D	AC235711.2	34967	62926	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2544593	2544692	109	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2544693	2578407	110	D	AC235711.2	63027	96741	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2578408	2580722	111	D	AC235589.2	1232	3546	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2580723	2614943	112	D	AC235711.2	99199	133419	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2614944	2615043	113	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2615044	2649251	114	D	AC235589.2	37533	71740	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2649252	2649351	115	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2649352	2662215	116	D	AC235589.2	71841	84704	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2662216	2662315	117	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2662316	2670115	118	D	AC235589.2	84805	92604	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2670116	2670215	119	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2670216	2710279	120	D	AC235589.2	92705	132768	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2710280	2710379	121	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2710380	2713818	122	D	AC235589.2	132869	136307	+	

gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2713819	2713918	123	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2713919	2735000	124	D	AC235589.2	136408	157489	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2735001	2735100	125	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2735101	2737651	126	D	AC235589.2	157590	160140	+	79.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2737652	2787651	127	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2787652	2862469	128	D	AC235594.2	1	74818	+	89.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2862470	2862569	129	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2862570	2914663	130	D	AC235594.2	74919	127012	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2914664	2914763	131	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2914764	2926828	132	D	AC236468.2	38126	50190	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2926829	2926928	133	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	2926929	3041132	134	D	AC236468.2	50291	164494	+	90.1 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3041133	3091132	135	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3091133	3116229	136	D	AC235932.2	1	25097	+	98.6 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3116230	3116329	137	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3116330	3174915	138	D	AC235932.2	25198	83783	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3174916	3281861	139	D	AC236555.2	1	106946	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3281862	3281961	140	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3281962	3308182	141	D	AC236555.2	107047	133267	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3308183	3308282	142	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3308283	3329391	143	D	AC236555.2	133368	154476	+	98.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3329392	3379391	144	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3379392	3436210	145	D	AC236556.2	1	56819	+	98.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3436211	3436310	146	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3436311	3446974	147	D	AC236556.2	56920	67583	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3446975	3447074	148	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3447075	3483225	149	D	AC236556.2	67684	103834	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3483226	3500697	150	D	AC236089.2	1	17472	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3500698	3520857	151	D	AC236556.2	120720	140879	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3520858	3551145	152	D	AC236089.2	37649	67936	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3551146	3551245	153	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3551246	3566974	154	D	AC236089.2	68037	83765	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3566975	3567074	155	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3567075	3632053	156	D	AC236089.2	83866	148844	+	91.1 Mb,
3597481..3612844,													24.1 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3632054	3682053	157	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3682054	3700463	158	D	AC236051.2	1	18410	+	24.1 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3700464	3700563	159	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3700564	3809137	160	D	AC236051.2	18511	127084	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3809138	3809237	161	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3809238	3816648	162	D	AC236051.2	127185	134595	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3816649	3871969	163	D	AC236252.2	1	55321	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3871970	3872069	164	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3872070	3886627	165	D	AC236252.2	55422	69979	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3886628	3886727	166	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3886728	3905043	167	D	AC236252.2	70080	88395	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3905044	3905143	168	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3905144	3920714	169	D	AC236252.2	88496	104066	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3920715	3920814	170	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3920815	3967546	171	D	AC236252.2	104167	150898	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3967547	3967646	172	N	100	fragment	yes		

gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3967647	3970082	173	D	AC236252.2	150999	153434	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3970083	3970182	174	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3970183	3972673	175	D	AC236252.2	153535	156025	+	24.5 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	3972674	4022673	176	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4022674	4129506	177	D	AC236955.2	1	106833	+	27.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4129507	4129606	178	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4129607	4183395	179	D	AC236955.2	106934	160722	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4183396	4185641	180	D	AC237122.2	24846	27091	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4185642	4185741	181	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4185742	4252727	182	D	AC237122.2	27192	94177	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4252728	4252827	183	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4252828	4272164	184	D	AC235931.2	1	19337	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4272165	4272264	185	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4272265	4350164	186	D	AC235931.2	19438	97337	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4350165	4350264	187	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4350265	4405094	188	D	AC235931.2	97438	152267	+	28.3 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4405095	4455094	189	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4455095	4458860	190	D	AC236690.2	1	3766	+	28.3 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4458861	4458960	191	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4458961	4497241	192	D	AC236690.2	3867	42147	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4497242	4573893	193	D	AC235720.2	1	76652	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4573894	4573993	194	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4573994	4660941	195	D	AC235720.2	76753	163700	+	28.5 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4660942	4710941	196	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4710942	4713793	197	D	AC235707.2	154642	157493	-	21.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4713794	4713893	198	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4713894	4728732	199	D	AC235707.2	139703	154541	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4728733	4728832	200	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4728833	4783457	201	D	AC235707.2	84978	139602	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4783458	4783557	202	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4783558	4786756	203	D	AC235707.2	81679	84877	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4786757	4786856	204	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4786857	4818468	205	D	AC235707.2	49967	81578	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4818469	4818568	206	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4818569	4822408	207	D	AC235707.2	46027	49866	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4822409	4822508	208	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4822509	4825284	209	D	AC235707.2	43151	45926	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4825285	4825384	210	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4825385	4868434	211	D	AC235707.2	1	43050	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4868435	4869174	212	D	AC236606.2	103771	104510	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4869175	4869274	213	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4869275	4959642	214	D	AC236606.2	13303	103670	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4959643	4959742	215	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4959743	4972944	216	D	AC236606.2	1	13202	-	21.6 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	4972945	5022944	217	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5022945	5052357	218	D	AC237272.2	125389	154801	-	20.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5052358	5052457	219	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5052458	5101707	220	D	AC237272.2	76039	125288	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5101708	5101807	221	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5101808	5119415	222	D	AC237272.2	58331	75938	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5119416	5119515	223	N	100	fragment	yes		

gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5119516	5135236	224	D	AC237272.2	42510	58230	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5135237	5135336	225	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5135337	5177745	226	D	AC237272.2	1	42409	-	19.8 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5177746	5227745	227	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5227746	5238825	228	D	AC235928.2	1	11080	+	33.7 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5238826	5238925	229	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5238926	5240993	230	D	AC235928.2	11181	13248	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5240994	5241093	231	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5241094	5292720	232	D	AC235928.2	13349	64975	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5292721	5292820	233	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5292821	5302293	234	D	AC235928.2	65076	74548	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5302294	5302393	235	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5302394	5349242	236	D	AC235928.2	74649	121497	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5349243	5421468	237	D	AC236604.2	1	72226	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5421469	5421568	238	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5421569	5485634	239	D	AC236604.2	72327	136392	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5485635	5485734	240	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5485735	5497366	241	D	AC236604.2	136493	148124	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5497367	5497466	242	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5497467	5499560	243	D	AC236604.2	148225	150318	+	34.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5499561	5549560	244	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5549561	5553481	245	D	AC235708.2	1	3921	+	39.6 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5553482	5553581	246	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5553582	5557796	247	D	AC235708.2	4022	38236	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5557797	5587896	248	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5587897	5682540	249	D	AC235708.2	38337	132980	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5682541	5682640	250	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5682641	5682643	251	D	AC235708.2	133081	133083	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5682644	5716600	252	D	AC236860.2	6111	40067	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5716601	5716700	253	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5716701	5731448	254	D	AC236860.2	40168	54915	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5731449	5731548	255	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5731549	5826801	256	D	AC236860.2	55016	150268	+	39.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5826802	5876801	257	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5876802	5943573	258	D	AC235943.2	1	66772	+	55.9 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5943574	5943673	259	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5943674	5946586	260	D	AC235943.2	66873	69785	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5946587	5946686	261	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5946687	5949377	262	D	AC235943.2	69886	72576	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5949378	5949477	263	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	5949478	6034743	264	D	AC235943.2	72677	157942	+	56.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6034744	6084743	265	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6084744	6256342	266	D	AC236254.2	1	171599	+	56.2 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6256343	6295602	267	D	AC237422.2	96291	135550	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6295603	6295702	268	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6295703	6312489	269	D	AC237422.2	135651	152437	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6312490	6312589	270	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6312590	6332855	271	D	AC237422.2	152538	172803	+	56.5 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6332856	6382855	272	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6382856	6514116	273	D	AC235588.2	1	131261	+	66.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6514117	6514216	274	N	100	fragment	yes		

gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6514217	6531419	275	D	AC235588.2	131362	148564	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6531420	6581419	276	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6581420	6654809	277	D	AC235715.2	1	73390	+	69.6 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6654810	6654909	278	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6654910	6735385	279	D	AC235715.2	73491	153966	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6735386	6746152	280	D	AC235779.2	1	10767	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6746153	6746252	281	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6746253	6755870	282	D	AC235779.2	10868	20485	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6755871	6755970	283	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6755971	6784045	284	D	AC235779.2	20586	48660	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6784046	6784145	285	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6784146	6815358	286	D	AC235779.2	48761	79973	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6815359	6859094	287	D	AC237270.2	1	43736	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6859095	6859194	288	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6859195	6903576	289	D	AC237270.2	43837	88218	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6903577	6903676	290	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6903677	6968369	291	D	AC237270.2	88319	153011	+	70.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	6968370	7018369	292	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7018370	7062270	293	D	AC235710.2	1	43901	+	70.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7062271	7062370	294	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7062371	7095761	295	D	AC235710.2	44002	77392	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7095762	7095861	296	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7095862	7132255	297	D	AC235710.2	77493	113886	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7132256	7132355	298	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7132356	7159231	299	D	AC235710.2	113987	140862	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7159232	7234626	300	D	AC235776.2	1	75395	+	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7234627	7234726	301	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7234727	7282640	302	D	AC235776.2	75496	123409	+	70.3 Mb, 7260156^7260157,
													108.3 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7282641	7282740	303	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7282741	7327239	304	D	AC235776.2	123510	168008	+	108.3 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7327240	7377239	305	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7377240	7410406	306	D	AC235777.2	118760	151926	-	108.3 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7410407	7410506	307	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7410507	7467795	308	D	AC235777.2	61371	118659	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7467796	7467895	309	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7467896	7529165	310	D	AC235777.2	1	61270	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7529166	7542674	311	D	AC236858.3	115739	129247	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7542675	7542774	312	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7542775	7545726	313	D	AC236858.3	112687	115638	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7545727	7545826	314	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7545827	7556683	315	D	AC236858.3	101730	112586	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7556684	7556783	316	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7556784	7589983	317	D	AC236858.3	68430	101629	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7589984	7590083	318	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7590084	7602177	319	D	AC236858.3	56236	68329	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7602178	7602277	320	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7602278	7658412	321	D	AC236858.3	1	56135	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7658413	7715229	322	D	AC235929.2	71574	128390	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7715230	7715329	323	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7715330	7755621	324	D	AC235929.2	31182	71473	-	

gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7755622	7755639	325	D	AC236809.2	124259	124276	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7755640	7755739	326	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7755740	7762898	327	D	AC235929.2	23922	31080	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7762899	7762998	328	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7762999	7766885	329	D	AC235929.2	19935	23821	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7766886	7766985	330	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7766986	7769787	331	D	AC235929.2	17033	19834	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7769788	7804855	332	D	AC236809.2	81101	116168	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7804856	7804955	333	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7804956	7831331	334	D	AC236809.2	54625	81000	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7831332	7831431	335	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7831432	7858227	336	D	AC236809.2	27729	54524	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7858228	7858327	337	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7858328	7885955	338	D	AC236809.2	1	27628	-	107.7 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7885956	7935955	339	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7935956	7943642	340	D	AC236248.2	162267	169953	-	107.3 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7943643	7943742	341	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7943743	7969071	342	D	AC236248.2	136838	162166	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7969072	7969171	343	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	7969172	8028764	344	D	AC236248.2	77145	136737	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8028765	8028864	345	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8028865	8105908	346	D	AC236248.2	1	77044	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8105909	8110527	347	D	AC235996.2	118233	122851	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8110528	8110627	348	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8110628	8113739	349	D	AC235996.2	115021	118132	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8113740	8113839	350	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8113840	8120272	351	D	AC235996.2	108488	114920	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8120273	8120372	352	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8120373	8132809	353	D	AC235996.2	95951	108387	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8132810	8132909	354	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8132910	8175282	355	D	AC235996.2	53478	95850	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8175283	8175382	356	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8175383	8187272	357	D	AC235996.2	41488	53377	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8187273	8187372	358	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8187373	8218108	359	D	AC235996.2	10652	41387	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8218109	8218208	360	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8218209	8224867	361	D	AC235996.2	3893	10551	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8224868	8224967	362	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8224968	8228759	363	D	AC235996.2	1	3792	-	107.0 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8228760	8228759	364	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8228760	8425304	365	D	AC235709.2	20004	166548	-	99.8 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8425305	8425404	366	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8425405	8427769	367	D	AC235709.2	17539	19903	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8427770	8427869	368	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8427870	8445307	369	D	AC235709.2	1	17438	-	99.6 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8445308	8495307	370	N	50000	clone	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8495308	8509828	371	D	AC236557.2	136766	151286	-	99.6 Mb
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8509829	8509928	372	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8509929	8519613	373	D	AC236557.2	126981	136665	-	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8519614	8519713	374	N	100	fragment	yes		
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8519714	8530755	375	D	AC236557.2	115839	126880	-	

gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8530756	8530855	376	N	100	fragment	yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8530856	8557474	377	D	AC236557.2	89120	115738	-
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8557475	8557574	378	N	100	fragment	yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8557575	8646593	379	D	AC236557.2	1	89019	-
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8646594	8696593	380	N	50000	clone	yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8696594	8756531	381	D	AC237198.2	102278	162215	-
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8756532	8756631	382	N	100	fragment	yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8756632	8795433	383	D	AC237198.2	63376	102177	-
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8795434	8795533	384	N	100	fragment	yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8795534	8835209	385	D	AC237198.2	23600	63275	-
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8835210	8835309	386	N	100	fragment	yes	
gb	DP001174	gnl	NISC-CON	sparrow_T213_2M	8835310	8858808	387	D	AC237198.2	1	23499	-

99.2 Mb